

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070316.D
 Acq On : 27 Dec 2021 18:09
 Operator : JC/MD
 Sample : VN1227MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:41:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1114567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1829905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1684057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	656839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	861666	53.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.54%			
35) Dibromofluoromethane	8.021	113	605173	54.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.32%			
50) Toluene-d8	10.440	98	2414733	53.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.78%			
62) 4-Bromofluorobenzene	12.731	95	846859	51.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	249936	19.77	ug/l	98
3) Chloromethane	2.303	50	316940	18.43	ug/l	99
4) Vinyl Chloride	2.448	62	287349	18.36	ug/l	97
5) Bromomethane	2.856	94	171943	21.28	ug/l	99
6) Chloroethane	3.022	64	169689	18.00	ug/l	98
7) Trichlorofluoromethane	3.379	101	351041	18.63	ug/l	95
8) Diethyl Ether	3.824	74	160183	19.28	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	223167	19.36	ug/l	96
10) Methyl Iodide	4.422	142	293651	18.83	ug/l	99
11) Tert butyl alcohol	5.377	59	275539	103.26	ug/l	96
12) 1,1-Dichloroethene	4.181	96	211114	18.60	ug/l	88
13) Acrolein	4.041	56	182354	84.23	ug/l	100
14) Allyl chloride	4.843	41	487775	18.95	ug/l	89
15) Acrylonitrile	5.554	53	831248	99.83	ug/l	99
16) Acetone	4.288	43	905349	87.03	ug/l	97
17) Carbon Disulfide	4.529	76	565857	18.26	ug/l	98
18) Methyl Acetate	4.856	43	585483	19.46	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	845598	20.06	ug/l	95
20) Methylene Chloride	5.098	84	272050	18.90	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	229444	19.09	ug/l	86
22) Diisopropyl ether	6.495	45	990323	19.76	ug/l	94
23) Vinyl Acetate	6.433	43	3927379	100.98	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	490614	18.88	ug/l	99
25) 2-Butanone	7.335	43	1245159	95.06	ug/l	91
26) 2,2-Dichloropropane	7.324	77	375021	18.29	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	277370	19.34	ug/l	87
28) Bromochloromethane	7.656	49	195236	15.36	ug/l #	78
29) Tetrahydrofuran	7.686	42	803611	102.83	ug/l	88
30) Chloroform	7.817	83	481104	19.19	ug/l	99
31) Cyclohexane	8.094	56	490595	19.40	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	401566	18.99	ug/l	97
36) 1,1-Dichloropropene	8.220	75	350245	19.12	ug/l	96
37) Ethyl Acetate	7.412	43	488400	20.57	ug/l	96
38) Carbon Tetrachloride	8.204	117	329357	18.83	ug/l	98
39) Methylcyclohexane	9.459	83	428190	19.31	ug/l #	88
40) Benzene	8.458	78	1086569	19.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	239394	20.16	ug/l	90
42) 1,2-Dichloroethane	8.528	62	422094	20.00	ug/l	97
43) Isopropyl Acetate	8.560	43	752637	20.11	ug/l #	94
44) Trichloroethene	9.215	130	254198	19.05	ug/l	88
45) 1,2-Dichloropropane	9.488	63	295495	19.54	ug/l	99
46) Dibromomethane	9.577	93	186420	19.83	ug/l	94
47) Bromodichloromethane	9.762	83	363022	19.45	ug/l	98
48) Methyl methacrylate	9.558	41	347598	19.47	ug/l	86
49) 1,4-Dioxane	9.569	88	110481	422.73	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	2424271	103.07	ug/l	97
52) Toluene	10.505	92	666199	19.60	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	396730	19.63	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	428350	19.59	ug/l	93
55) 1,1,2-Trichloroethane	10.896	97	265666	19.76	ug/l	97
56) Ethyl methacrylate	10.759	69	441629	19.88	ug/l	89
57) 1,3-Dichloropropane	11.044	76	474880	19.97	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	378512	80.26	ug/l	91
59) 2-Hexanone	11.084	43	1716630	100.08	ug/l	94
60) Dibromochloromethane	11.237	129	255276	19.46	ug/l	99
61) 1,2-Dibromoethane	11.344	107	271398	19.88	ug/l	99
64) Tetrachloroethene	10.977	164	234891	19.26	ug/l	92
65) Chlorobenzene	11.768	112	694065	19.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	243927	19.12	ug/l	99
67) Ethyl Benzene	11.843	91	1281006	19.57	ug/l	97
68) m/p-Xylenes	11.953	106	943522	39.59	ug/l	93
69) o-Xylene	12.280	106	465952	19.66	ug/l	92
70) Styrene	12.294	104	735031	19.59	ug/l	96
71) Bromoform	12.457	173	179694	18.98	ug/l #	99
73) Isopropylbenzene	12.578	105	1210096	19.84	ug/l	98
74) N-amyl acetate	12.387	43	490813	19.14	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	405286	19.26	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	343203m	19.42	ug/l	
77) Bromobenzene	12.859	156	271277	19.37	ug/l	76
78) n-propylbenzene	12.918	91	1346595	19.92	ug/l	97
79) 2-Chlorotoluene	13.007	91	850675	19.62	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	988360	20.22	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	101002	18.79	ug/l	93
82) 4-Chlorotoluene	13.104	91	797755	19.64	ug/l	92
83) tert-Butylbenzene	13.323	119	837983	19.47	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	965666	20.52	ug/l	96
85) sec-Butylbenzene	13.500	105	1161073	19.87	ug/l	97
86) p-Isopropyltoluene	13.613	119	920178	20.05	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	453979	19.37	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	436704	18.88	ug/l	95
89) n-Butylbenzene	13.940	91	710488	18.56	ug/l	97
90) Hexachloroethane	14.211	117	154155	19.33	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	438870	19.10	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67473	19.10	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	201090	18.57	ug/l	99
94) Hexachlorobutadiene	15.370	225	125865	20.00	ug/l	99
95) Naphthalene	15.507	128	522721	18.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	197738	19.60	ug/l	97

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01

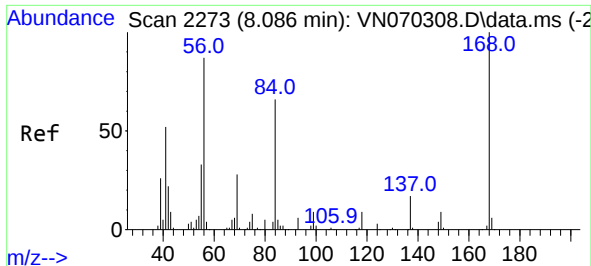
Manual Integrations
APPROVED

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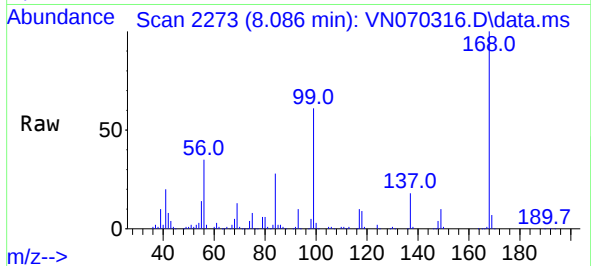
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070316.D
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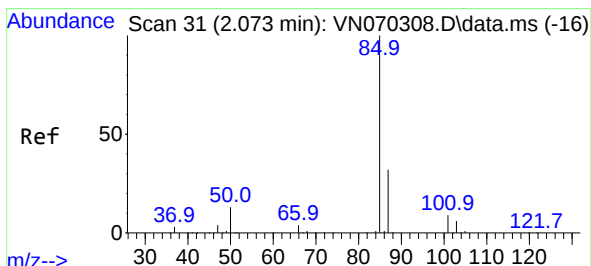
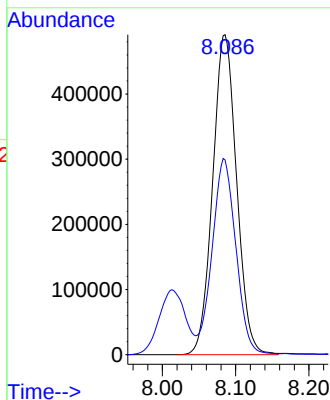
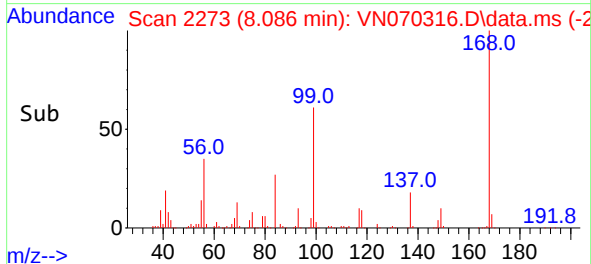
Instrument :
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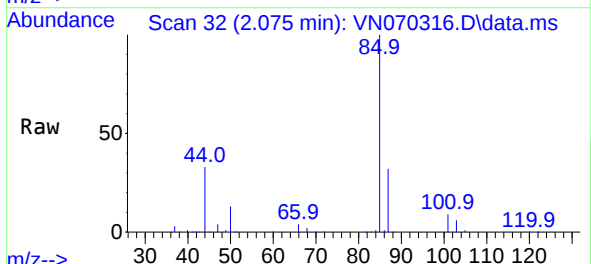
Tgt Ion:168 Resp: 111456
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

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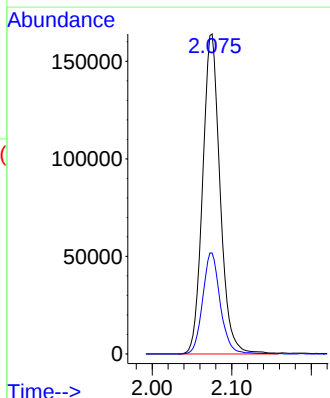
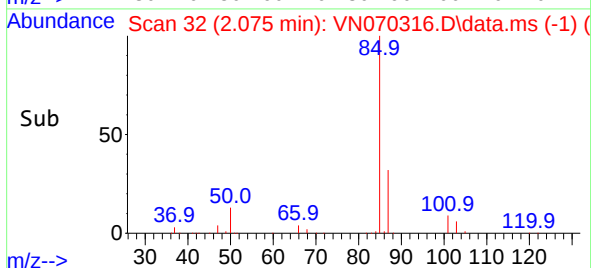
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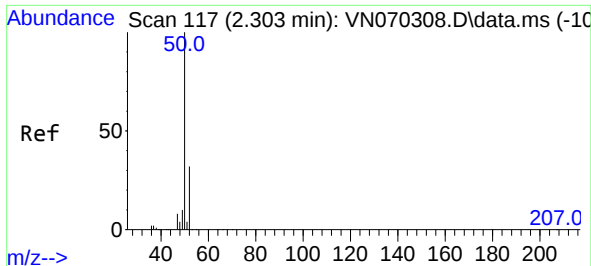


#2
Dichlorodifluoromethane
Concen: 19.77 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



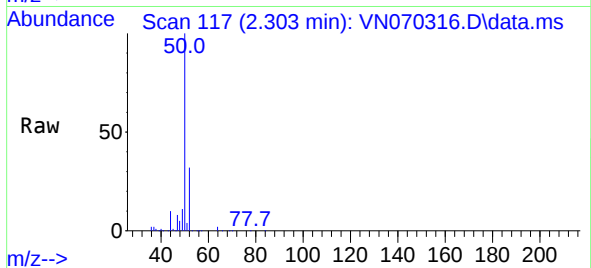
Tgt Ion: 85 Resp: 249936
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 18.43 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

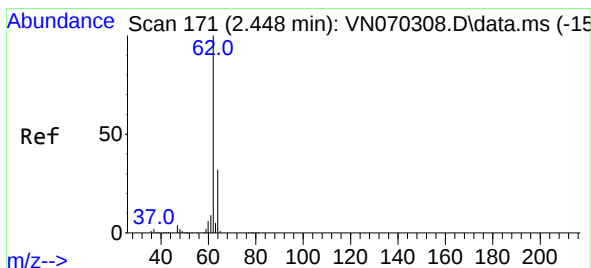
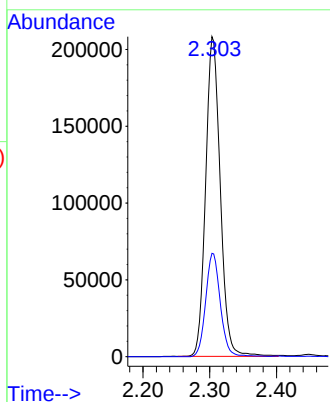
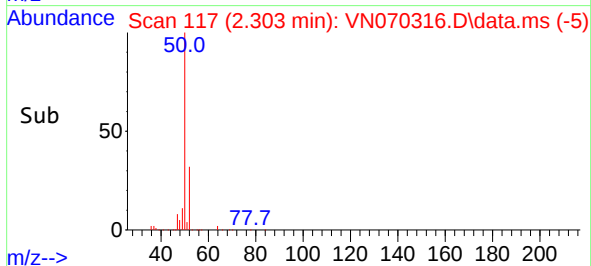
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ClientSampleId :
VN1227MBSD01



Tgt Ion: 50 Resp: 316940
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

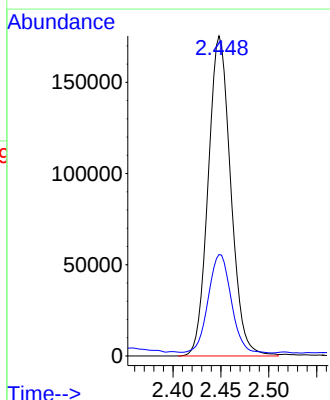
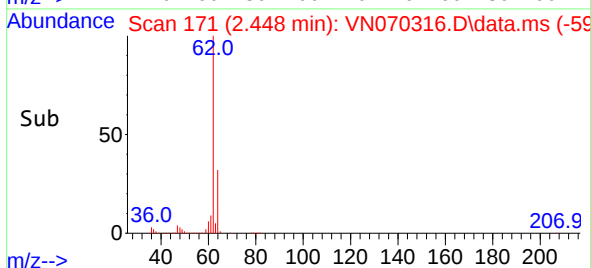
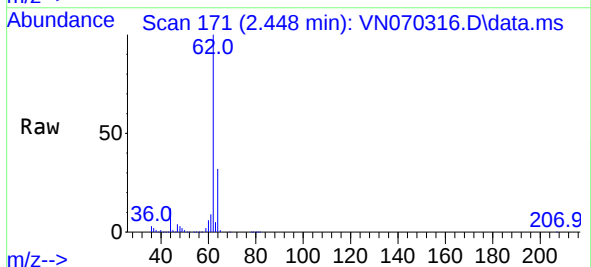
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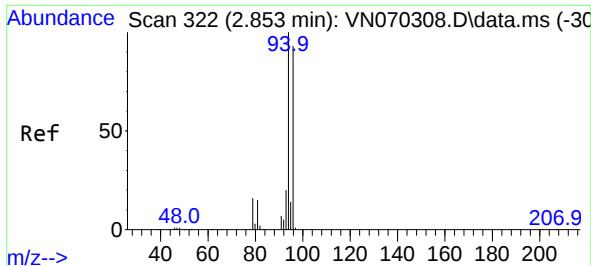
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#4
Vinyl Chloride
Concen: 18.36 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

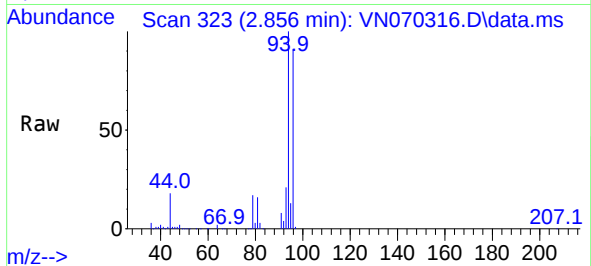
Tgt Ion: 62 Resp: 287349
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 21.28 ug/l
RT: 2.856 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

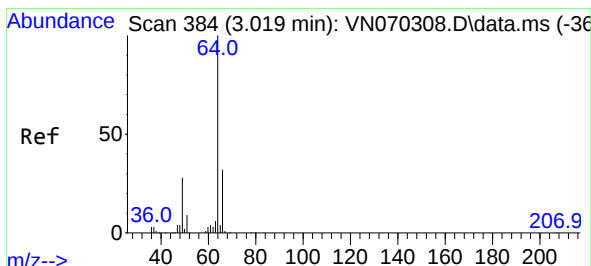
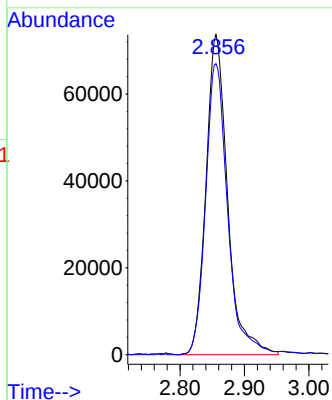
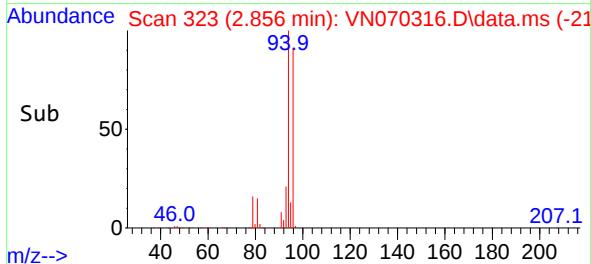
Instrument :
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Tgt Ion: 94 Resp: 17194
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.8

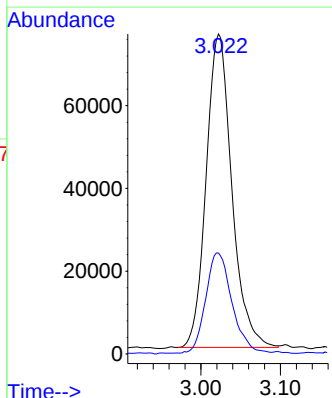
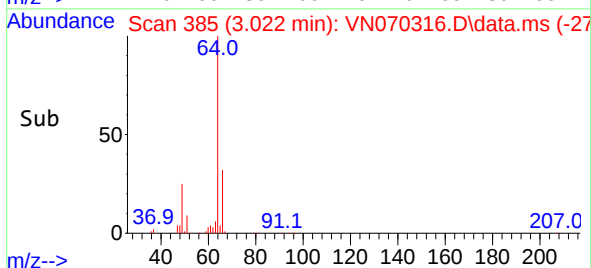
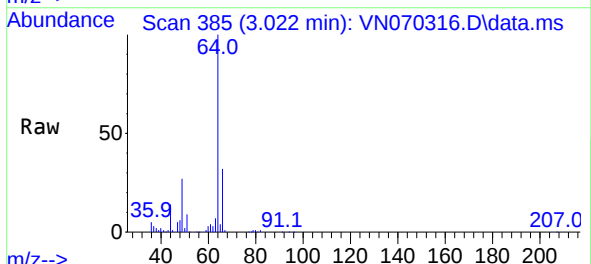
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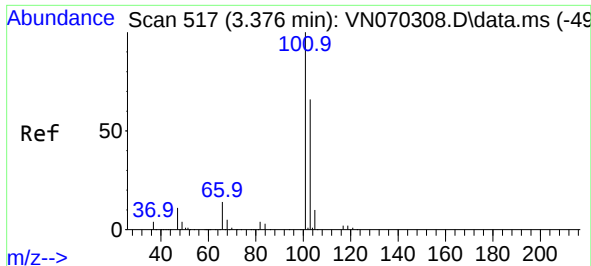
Reviewed By :John Carlone 12/28/2021
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#6
Chloroethane
Concen: 18.00 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Tgt Ion: 64 Resp: 169689
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





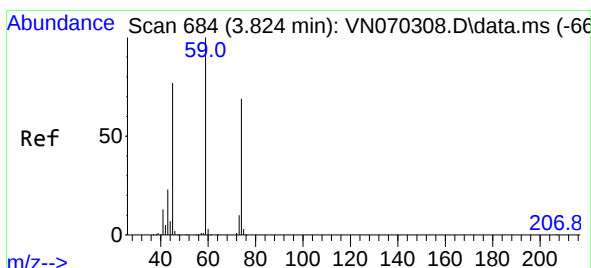
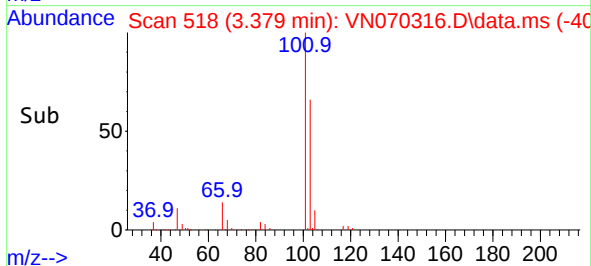
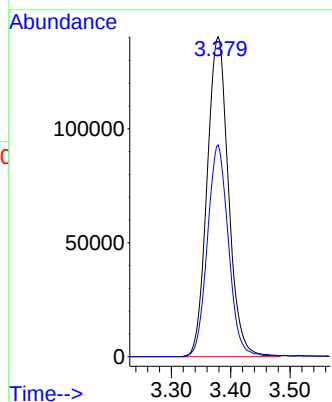
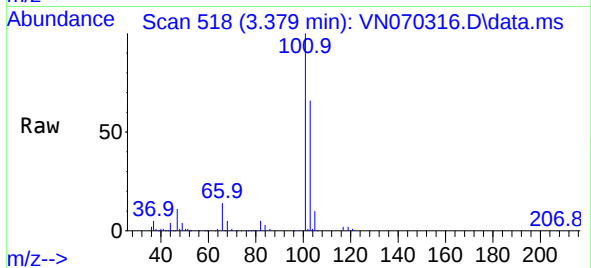
#7
Trichlorofluoromethane
Concen: 18.63 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 35104
Ion Ratio Lower Upper
101 100
103 66.2 50.1 75.1

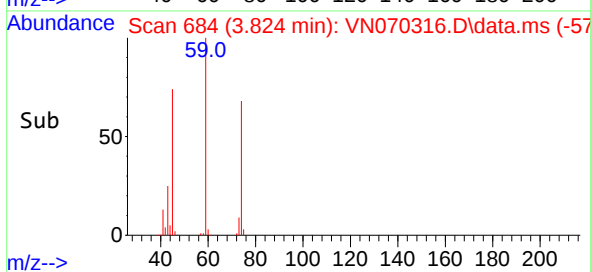
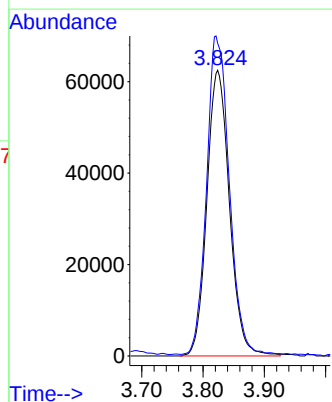
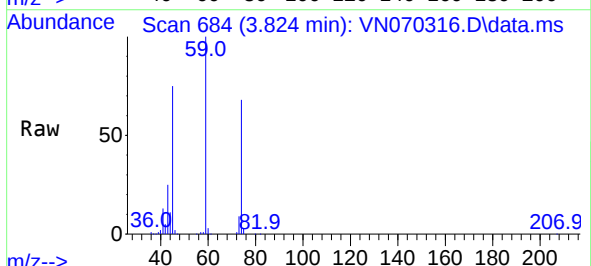
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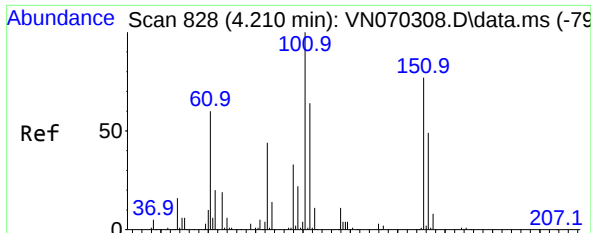
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#8
Diethyl Ether
Concen: 19.28 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
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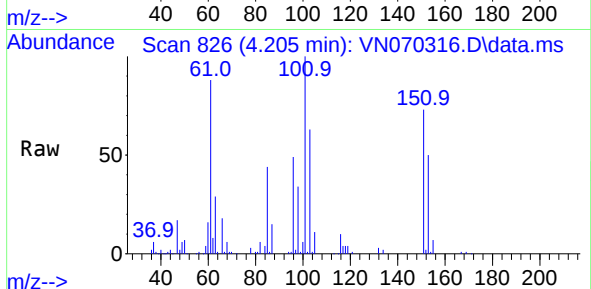
Tgt Ion: 74 Resp: 160183
Ion Ratio Lower Upper
74 100
45 111.6 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.36 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

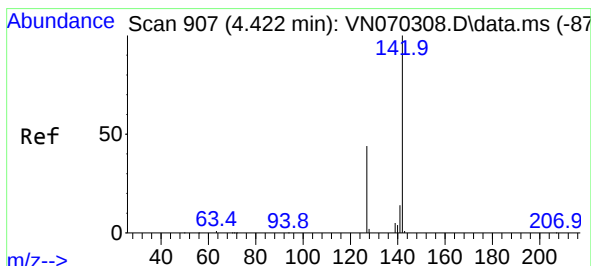
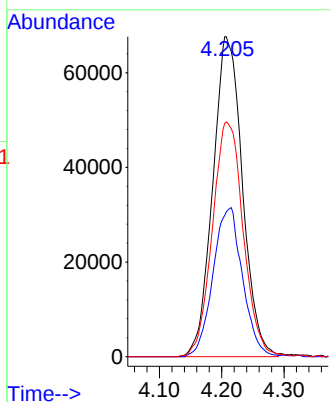
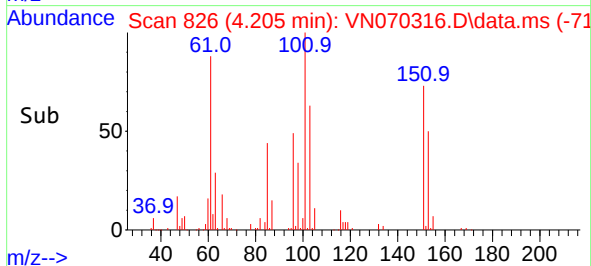
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



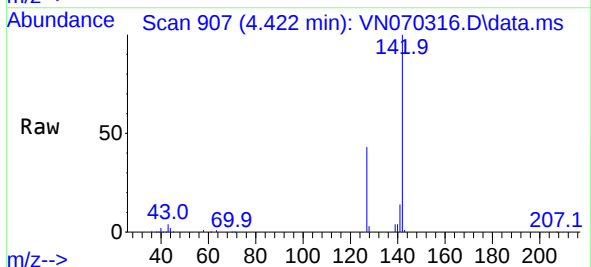
Tgt Ion:101 Resp: 22316
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 76.5 65.9 98.9

Manual Integrations
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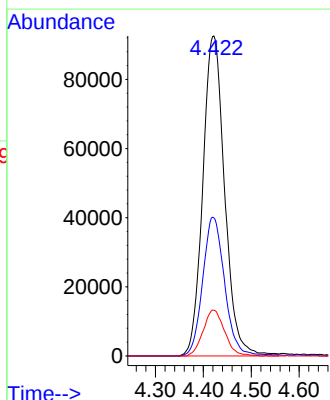
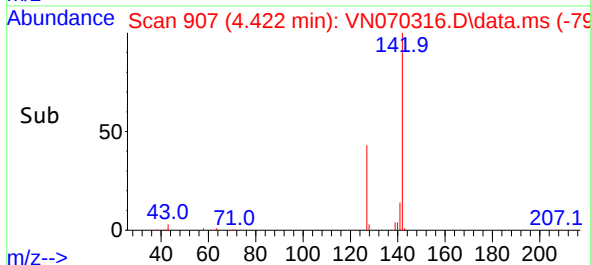
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

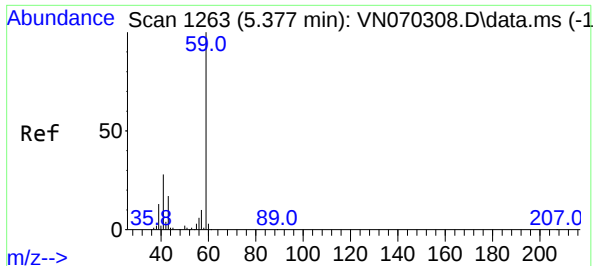


#10
Methyl Iodide
Concen: 18.83 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



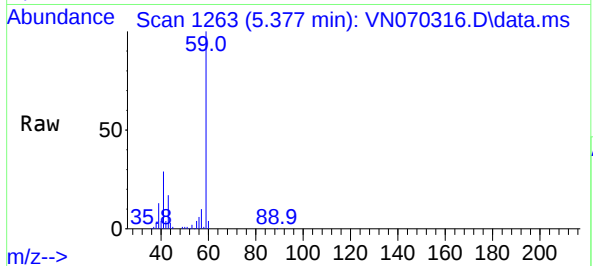
Tgt Ion:142 Resp: 293651
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 103.26 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

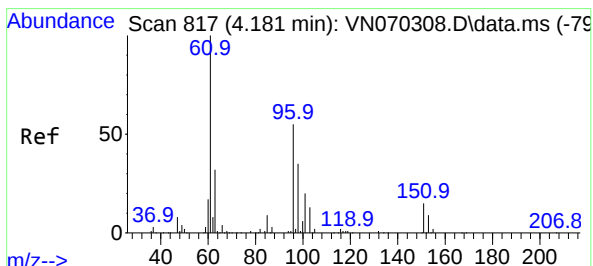
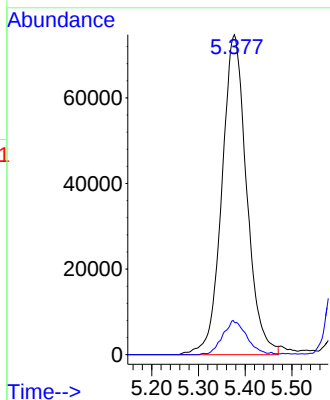
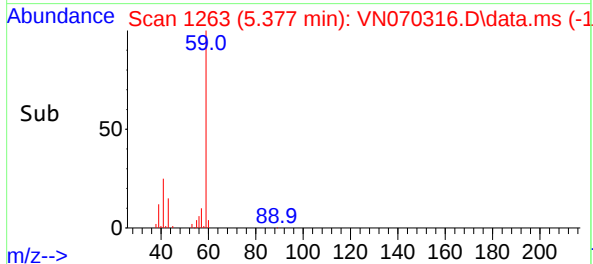
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



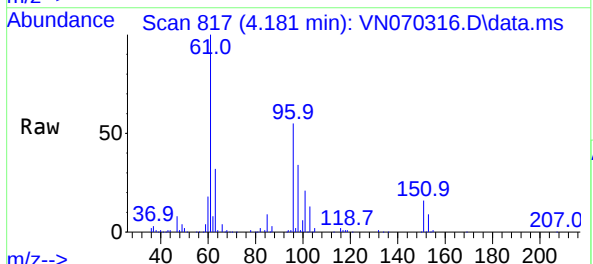
Tgt Ion: 59 Resp: 275539
Ion Ratio Lower Upper
59 100
57 9.5 8.7 13.1

Manual Integrations
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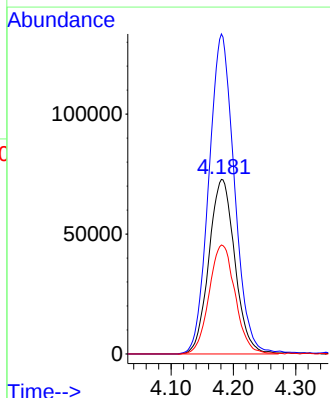
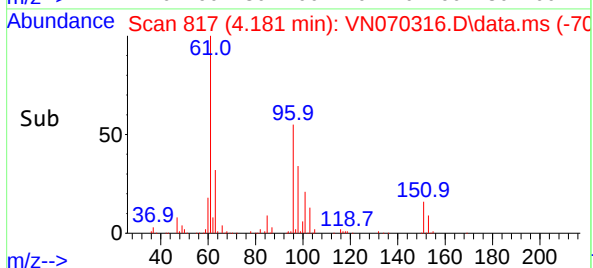
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

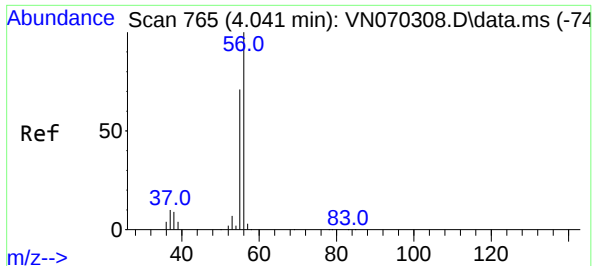


#12
1,1-Dichloroethene
Concen: 18.60 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



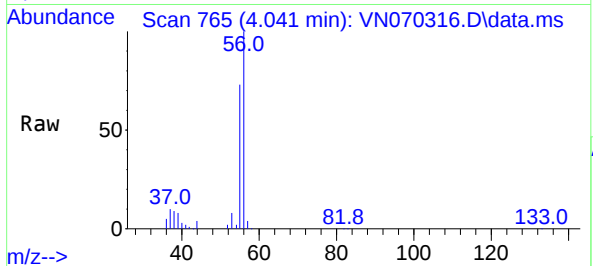
Tgt Ion: 96 Resp: 211114
Ion Ratio Lower Upper
96 100
61 183.3 131.0 196.6
98 62.4 52.4 78.6





#13
Acrolein
Concen: 84.23 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

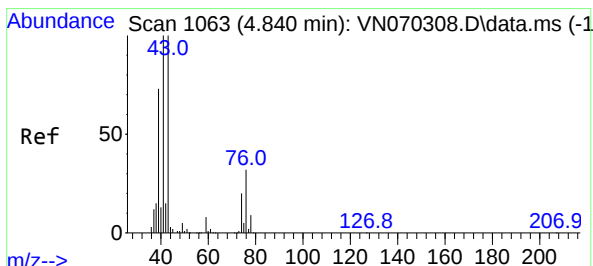
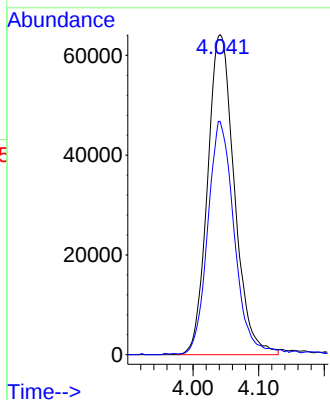
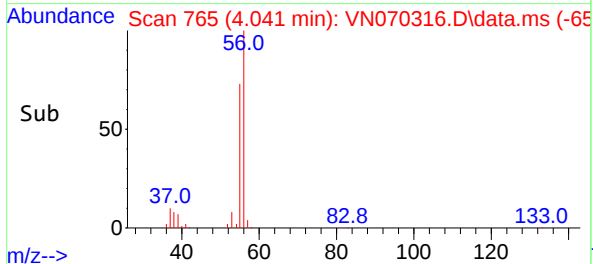
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



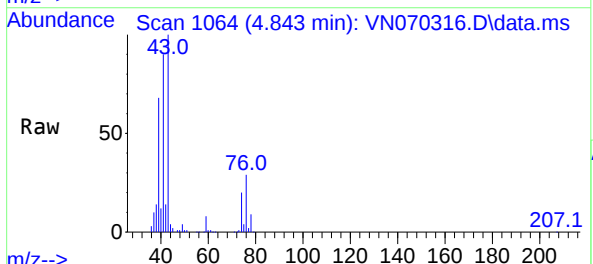
Tgt Ion: 56 Resp: 182354
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

Manual Integrations
APPROVED

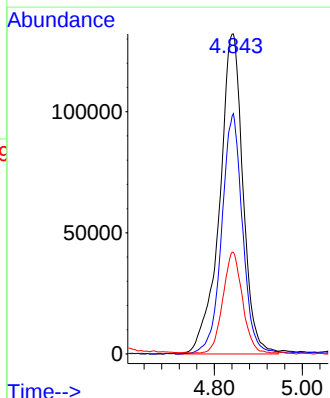
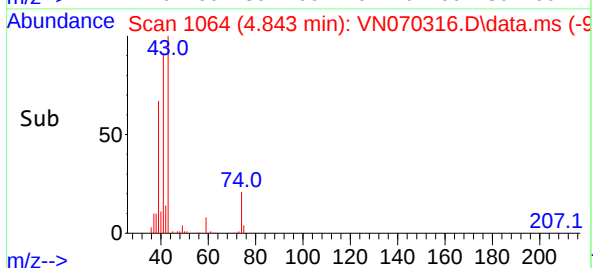
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

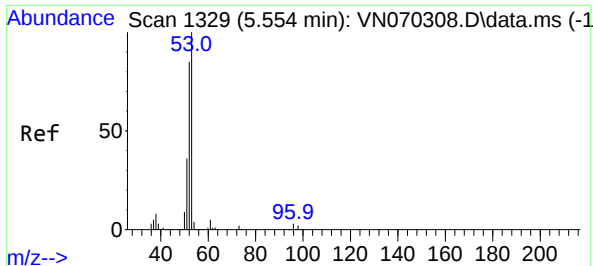


#14
Allyl chloride
Concen: 18.95 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



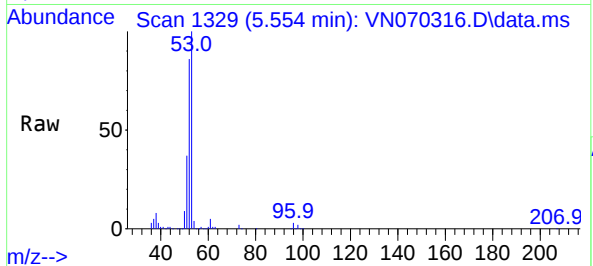
Tgt Ion: 41 Resp: 487775
Ion Ratio Lower Upper
41 100
39 67.2 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 99.83 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

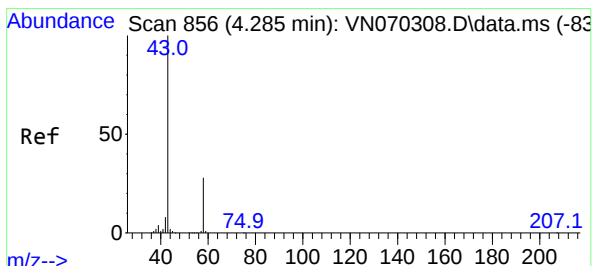
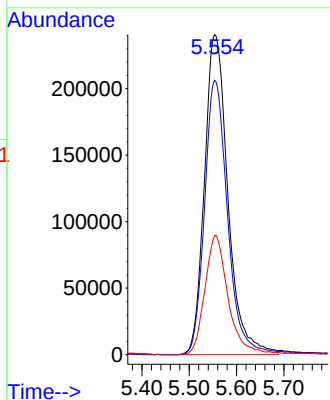
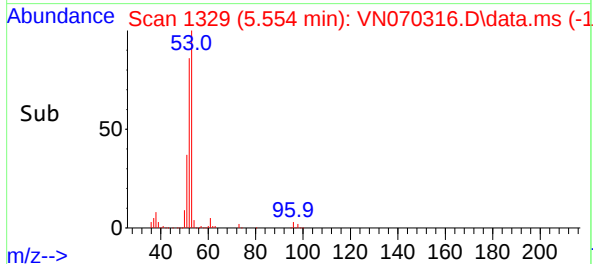
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 53 Resp: 831248
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.6 29.6 44.4

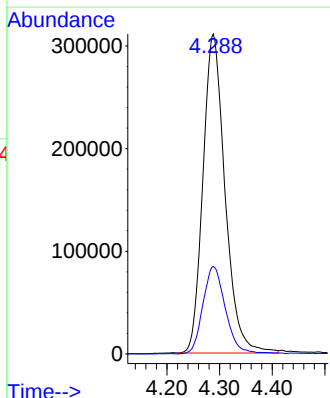
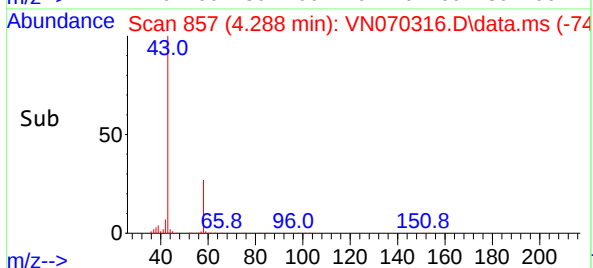
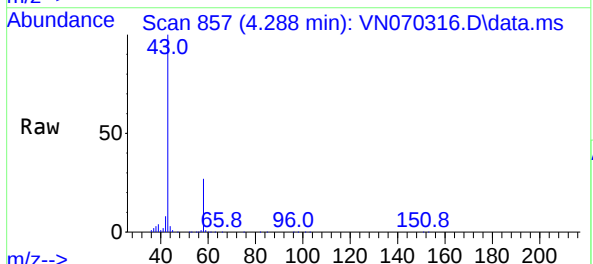
Manual Integrations
APPROVED

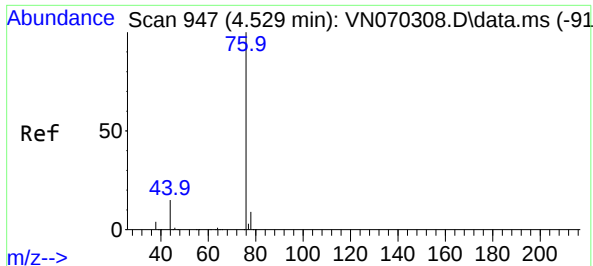
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#16
Acetone
Concen: 87.03 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

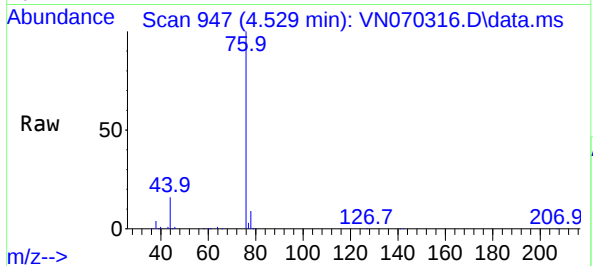
Tgt Ion: 43 Resp: 905349
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 18.26 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

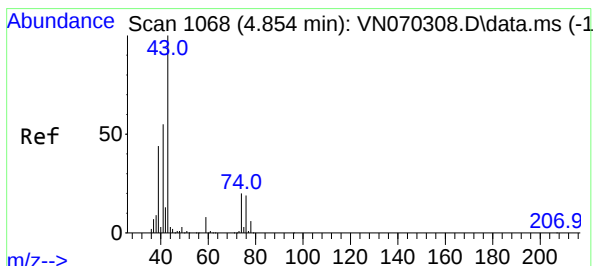
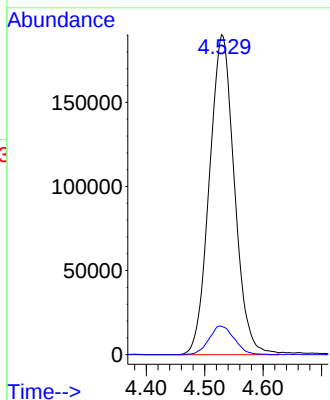
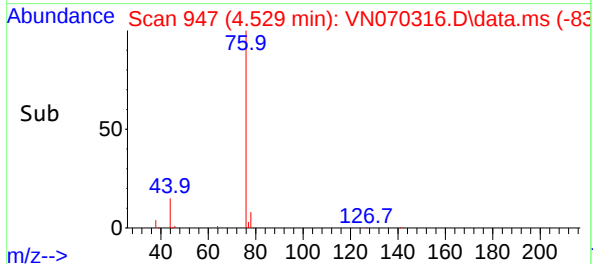
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



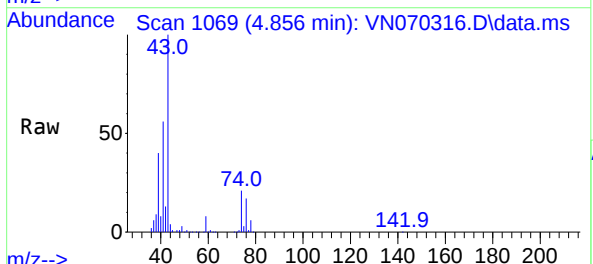
Tgt Ion: 76 Resp: 56585
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

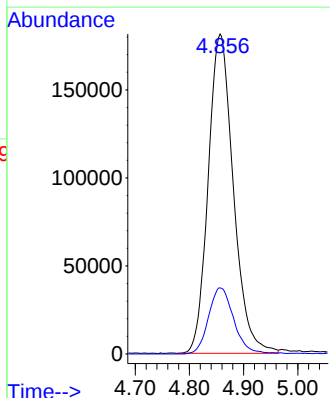
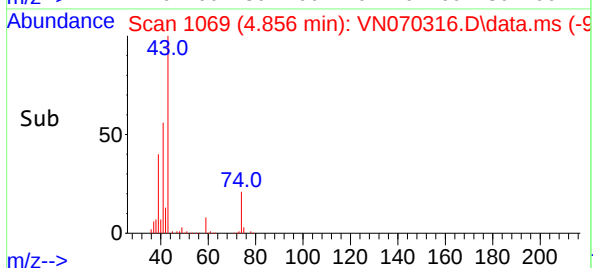
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

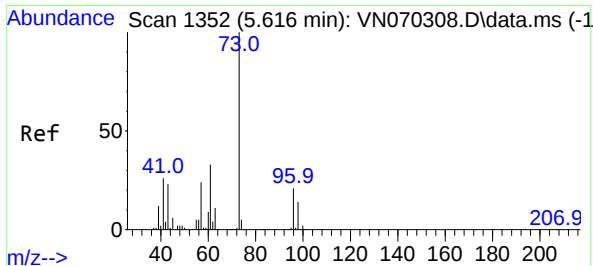


#18
Methyl Acetate
Concen: 19.46 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion: 43 Resp: 585483
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





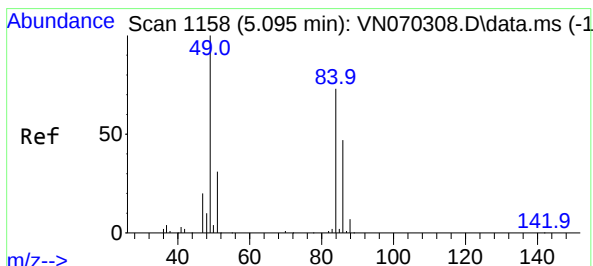
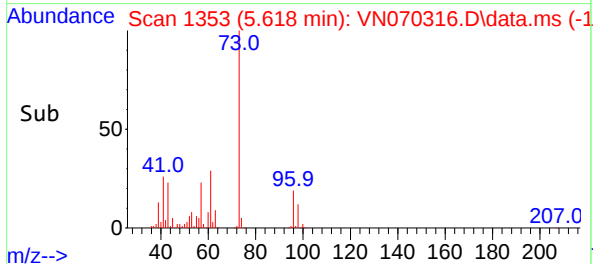
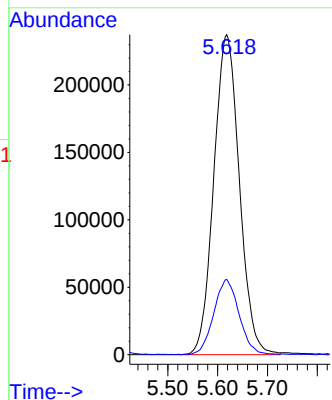
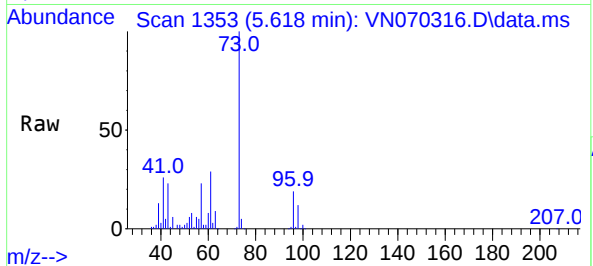
#19
Methyl tert-butyl Ether
Concen: 20.06 ug/l
RT: 5.618 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

Tgt Ion: 73 Resp: 845598
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

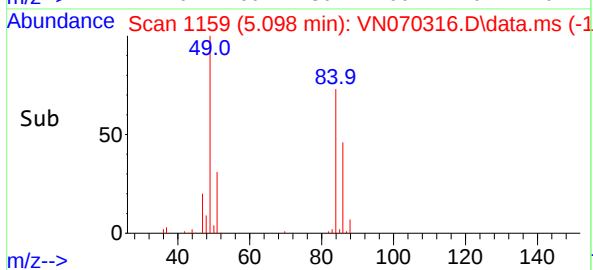
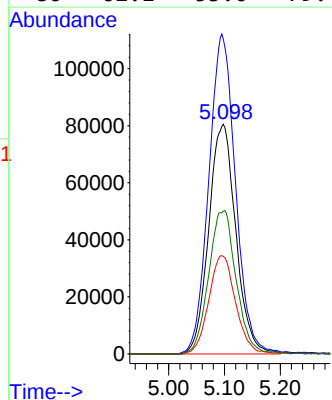
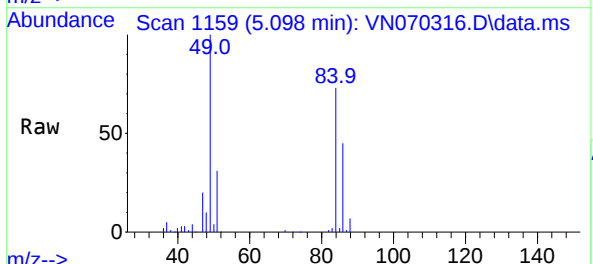
Manual Integrations
APPROVED

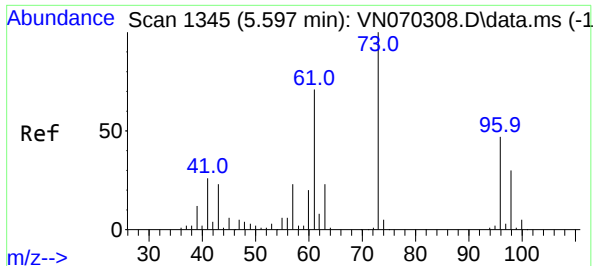
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#20
Methylene Chloride
Concen: 18.90 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

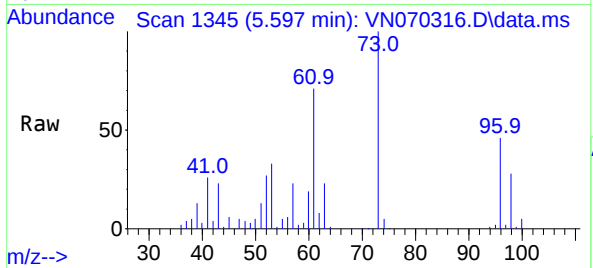
Tgt Ion: 84 Resp: 272050
Ion Ratio Lower Upper
84 100
49 136.8 93.5 140.3
51 42.5 29.4 44.2
86 62.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.09 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

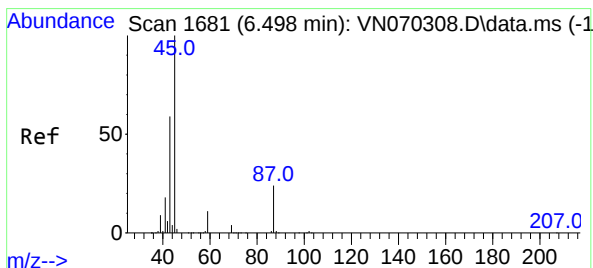
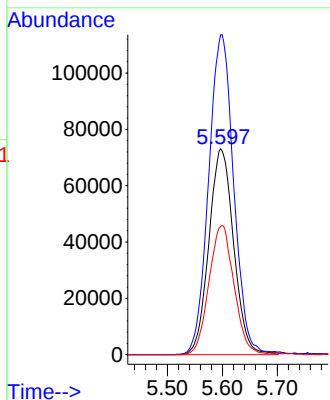
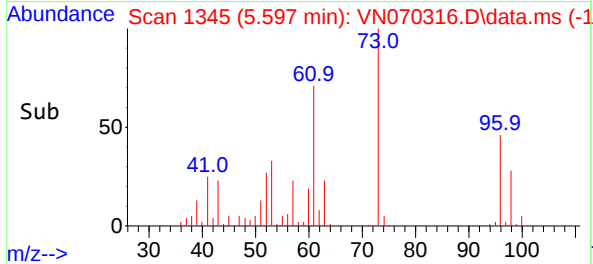
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



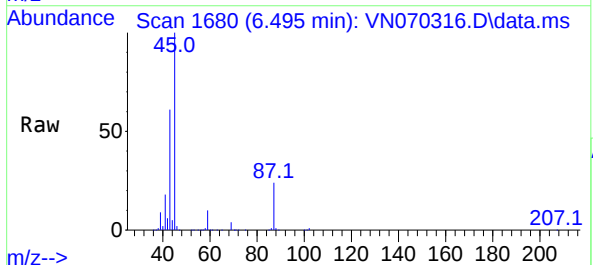
Tgt Ion: 96 Resp: 22944
Ion Ratio Lower Upper
96 100
61 155.0 105.8 158.6
98 62.3 52.0 78.0

Manual Integrations
APPROVED

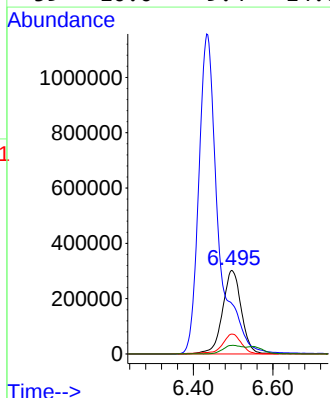
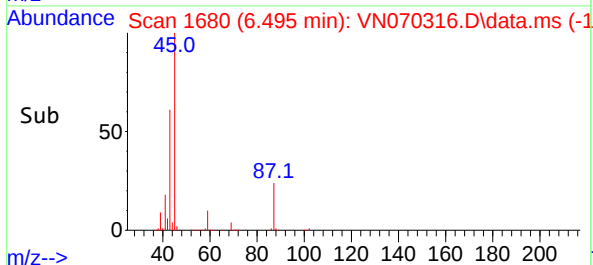
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

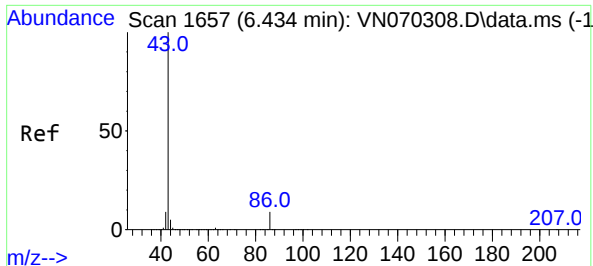


#22
Diisopropyl ether
Concen: 19.76 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



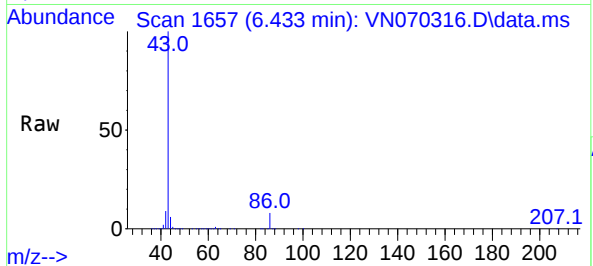
Tgt Ion: 45 Resp: 990323
Ion Ratio Lower Upper
45 100
43 60.9 51.7 77.5
87 23.6 23.2 34.8
59 10.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 100.98 ug/l
 RT: 6.433 min Scan# 1639
 Delta R.T. -0.001 min
 Lab File: VN070316.D
 Acq: 27 Dec 2021 18:09

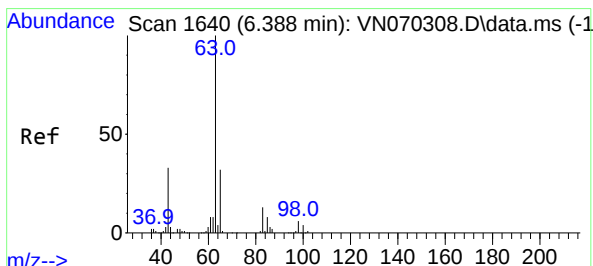
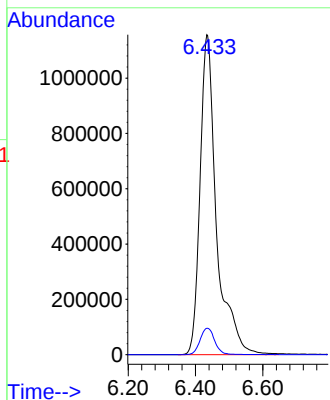
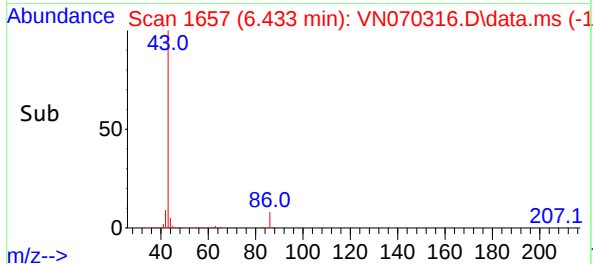
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBSD01



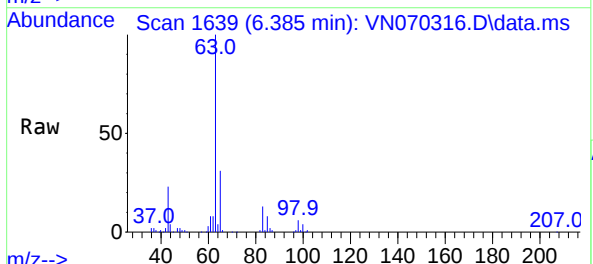
Tgt Ion: 43 Resp: 3927379
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
 APPROVED

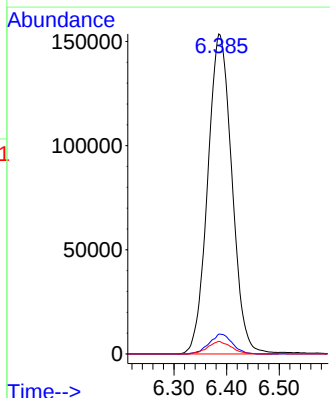
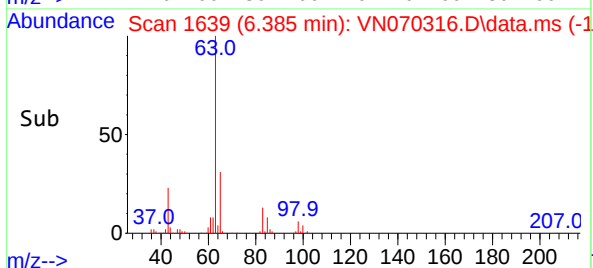
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

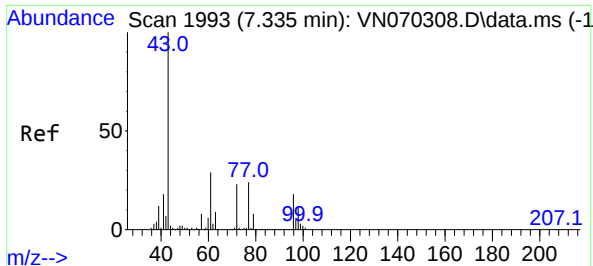


#24
 1,1-Dichloroethane
 Concen: 18.88 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070316.D
 Acq: 27 Dec 2021 18:09



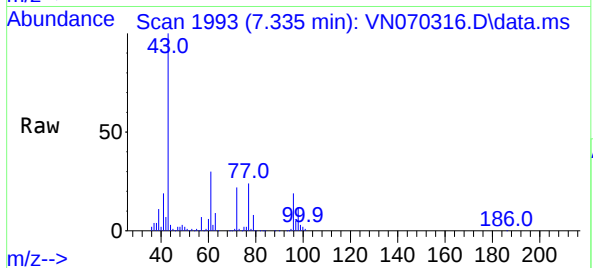
Tgt Ion: 63 Resp: 490614
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 95.06 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

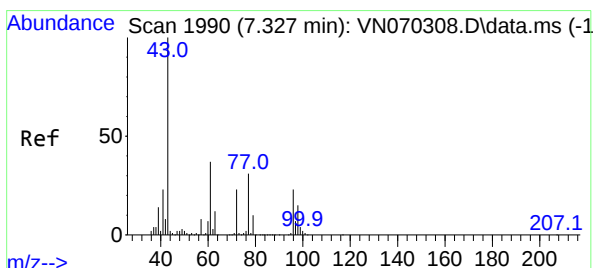
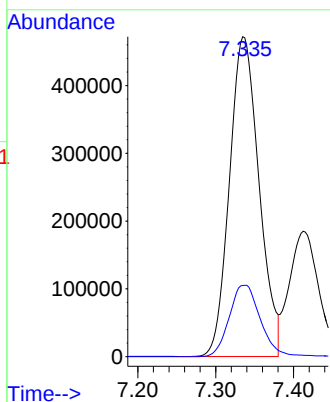
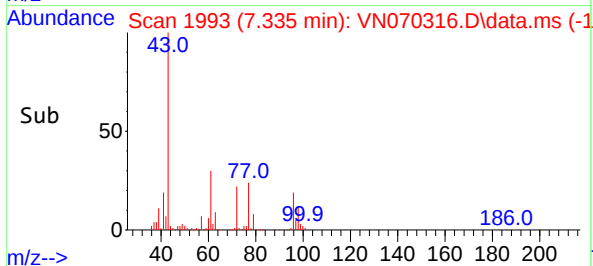
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



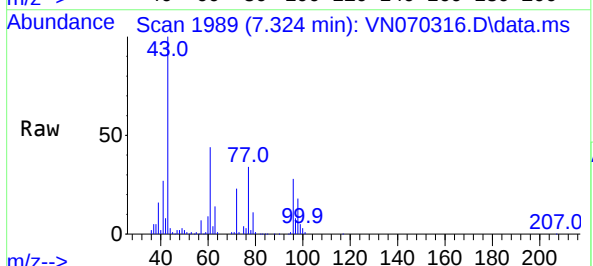
Tgt Ion: 43 Resp: 124515
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

Manual Integrations
APPROVED

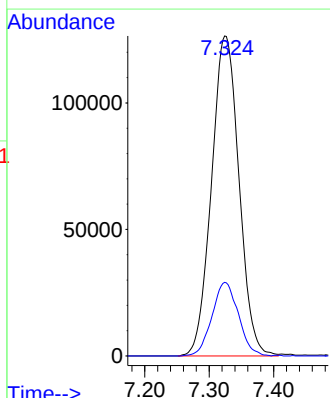
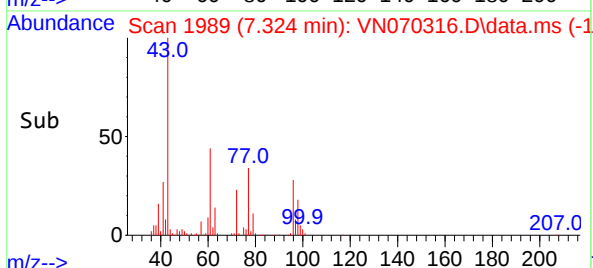
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

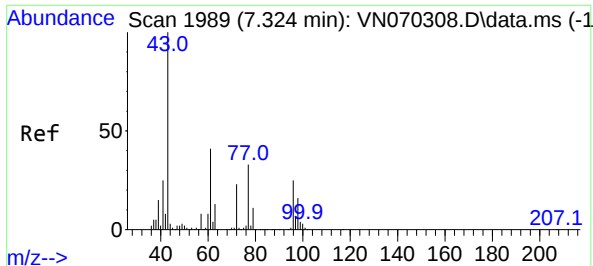


#26
2,2-Dichloropropane
Concen: 18.29 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



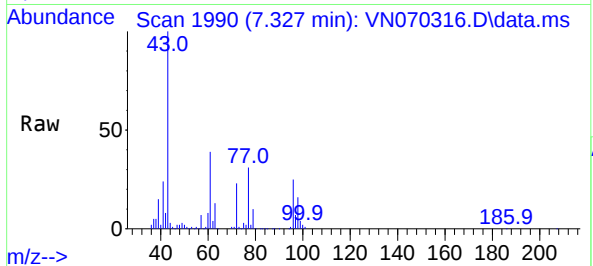
Tgt Ion: 77 Resp: 375021
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.34 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

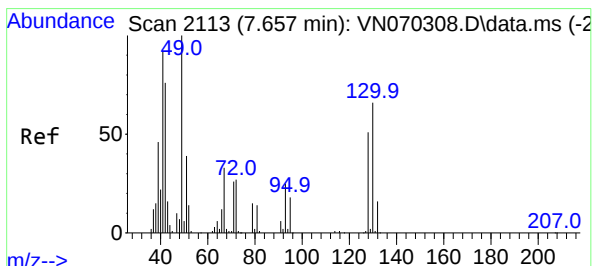
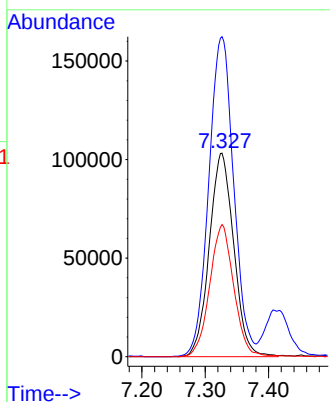
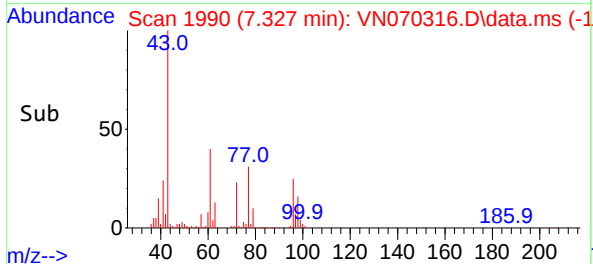
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 96 Resp: 277370
Ion Ratio Lower Upper
96 100
61 159.9 0.0 275.0
98 64.1 0.0 129.6

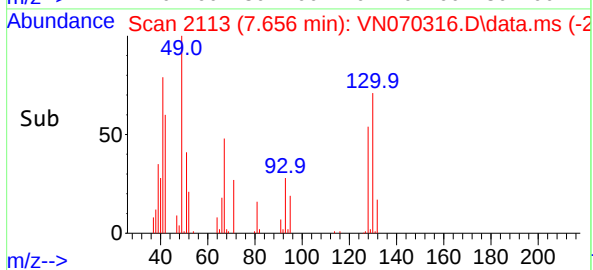
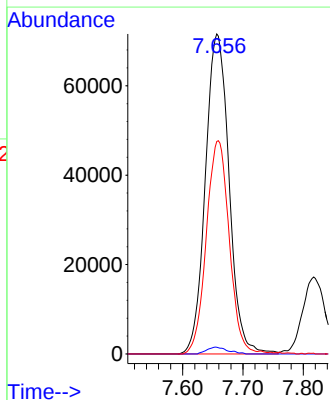
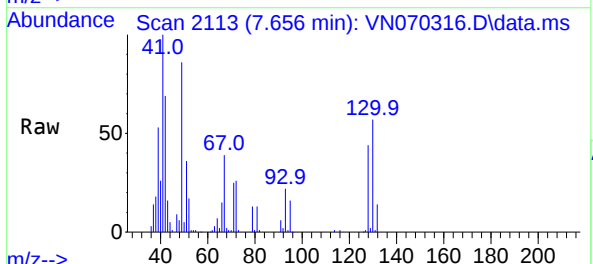
Manual Integrations
APPROVED

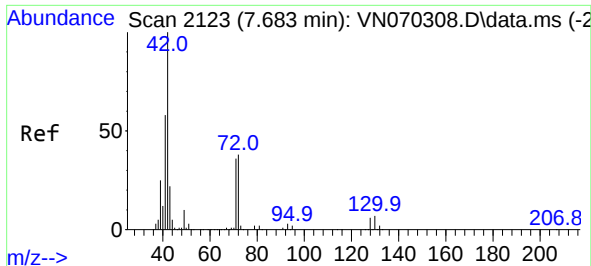
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#28
Bromochloromethane
Concen: 15.36 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

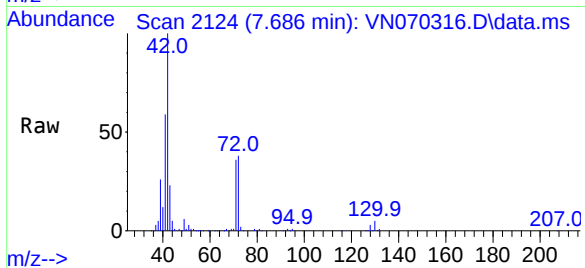
Tgt Ion: 49 Resp: 195236
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 64.3 67.8 101.8#





#29
Tetrahydrofuran
Concen: 102.83 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

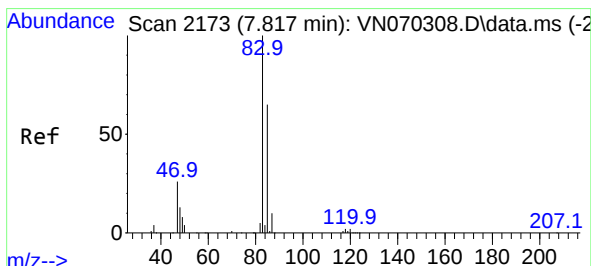
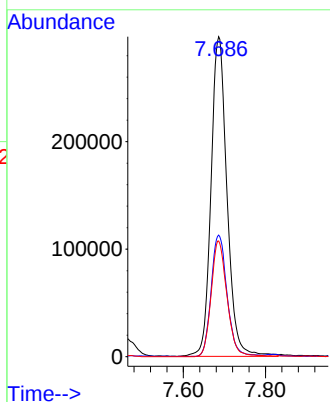
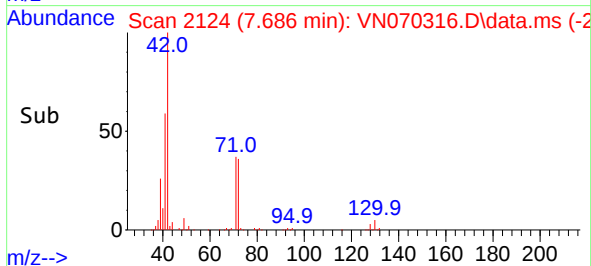
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



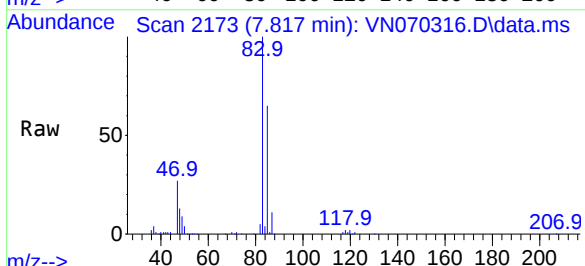
Tgt Ion: 42 Resp: 80361
Ion Ratio Lower Upper
42 100
72 37.8 36.3 54.5
71 35.9 34.7 52.1

Manual Integrations
APPROVED

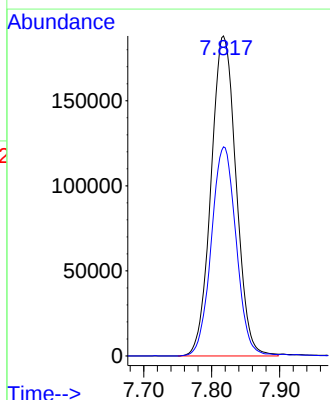
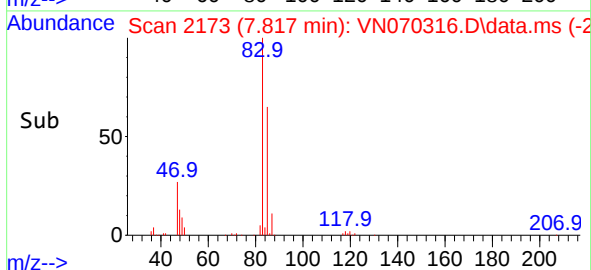
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

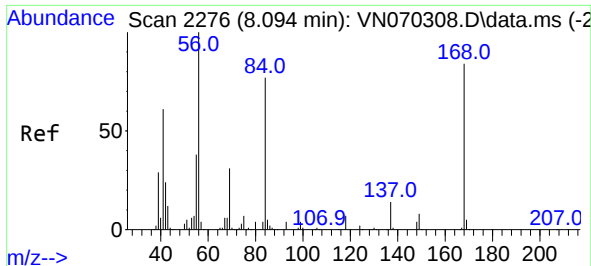


#30
Chloroform
Concen: 19.19 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



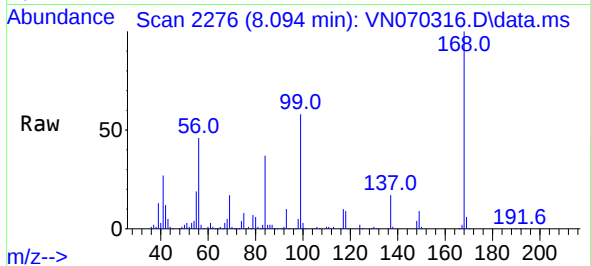
Tgt Ion: 83 Resp: 481104
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9





#31
Cyclohexane
Concen: 19.40 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

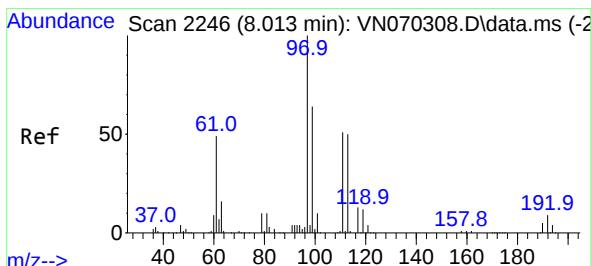
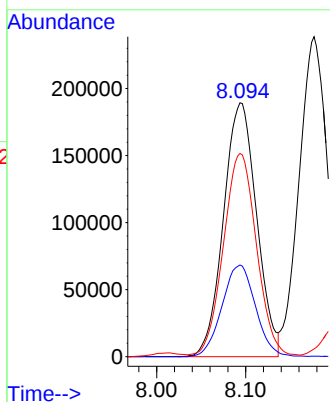
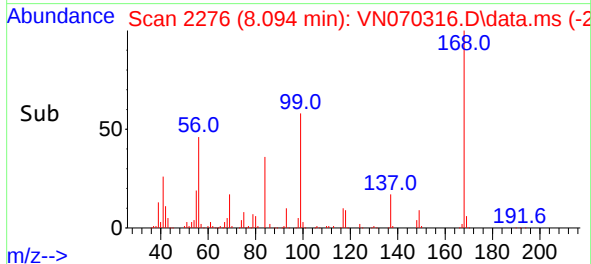
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



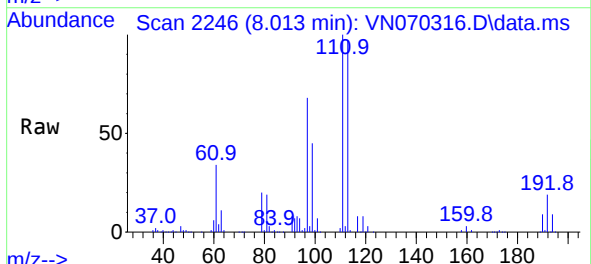
Tgt Ion: 56 Resp: 49059
Ion Ratio Lower Upper
56 100
69 36.1 27.1 40.7
84 79.0 73.4 110.0

Manual Integrations
APPROVED

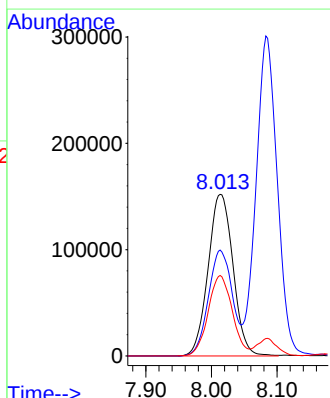
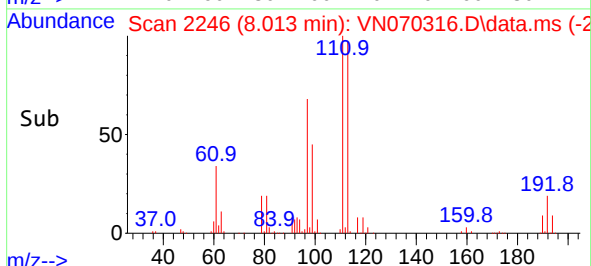
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

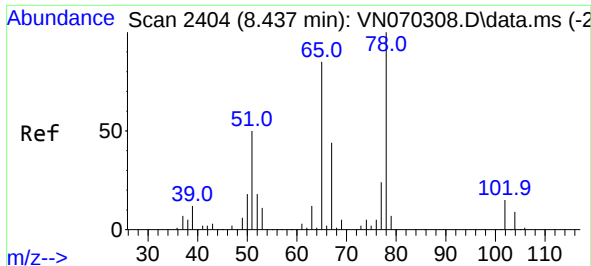


#32
1,1,1-Trichloroethane
Concen: 18.99 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion: 97 Resp: 401566
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 48.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.77 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070316.D

Acq: 27 Dec 2021 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN1227MBS01

Tgt Ion: 65 Resp: 861660

Ion Ratio Lower Upper

65 100

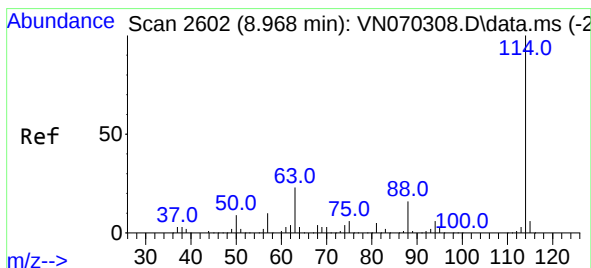
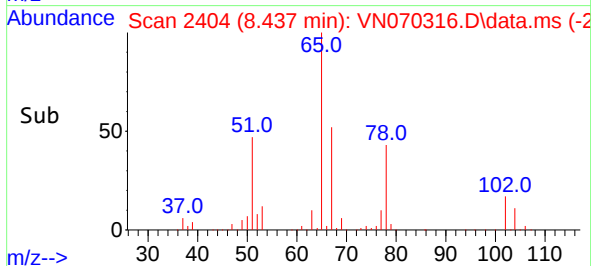
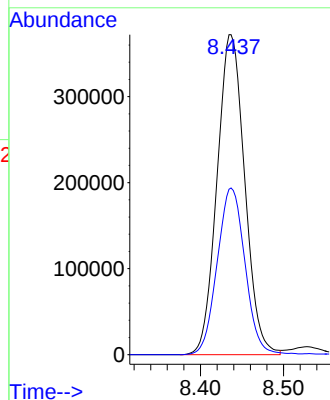
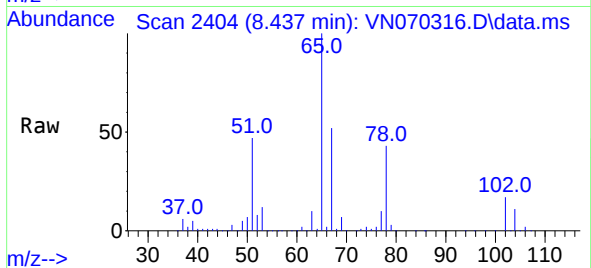
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070316.D

Acq: 27 Dec 2021 18:09

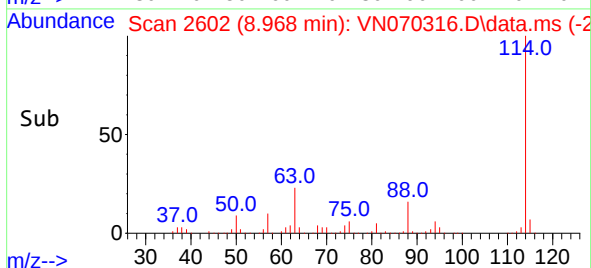
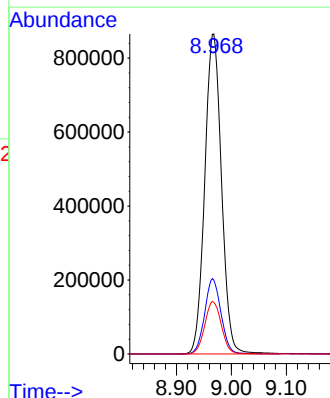
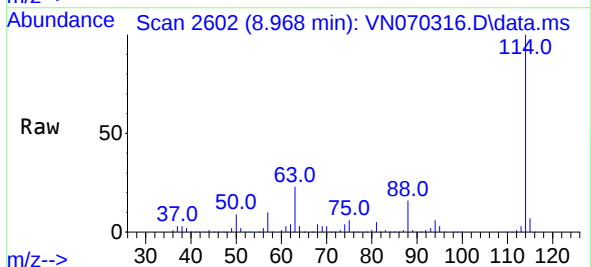
Tgt Ion:114 Resp: 1829905

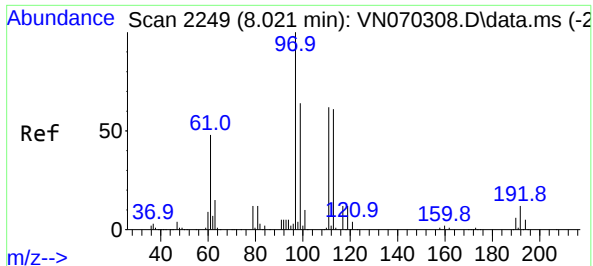
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

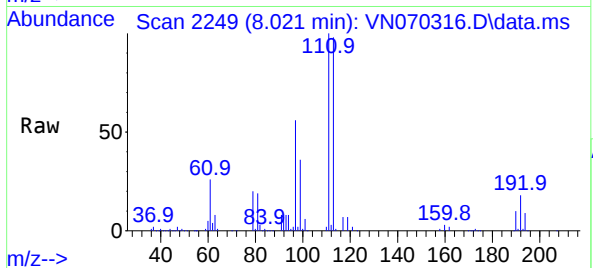
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.66 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

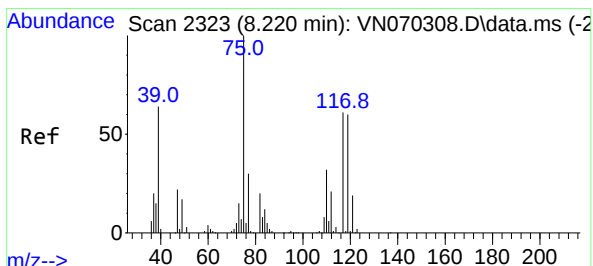
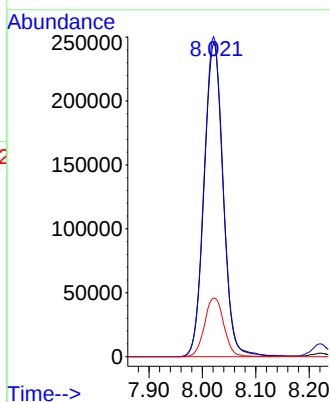
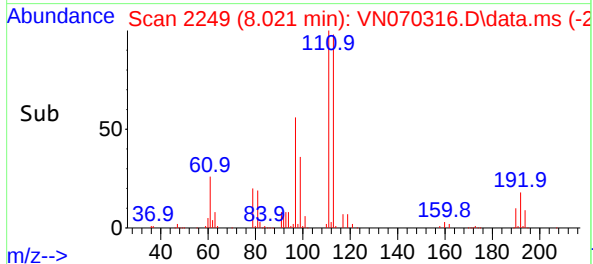
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



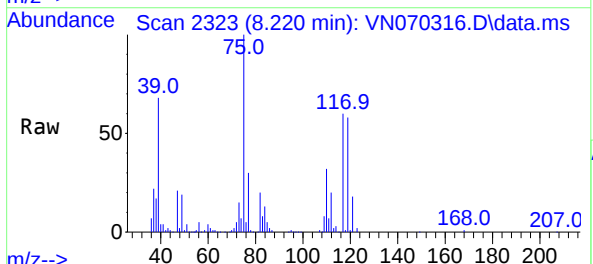
Tgt Ion:113 Resp: 60517
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
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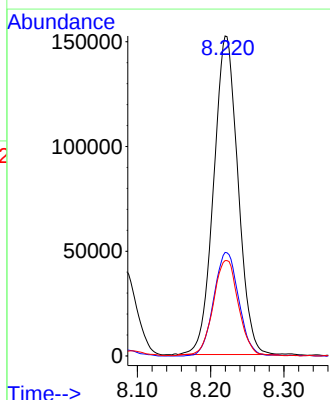
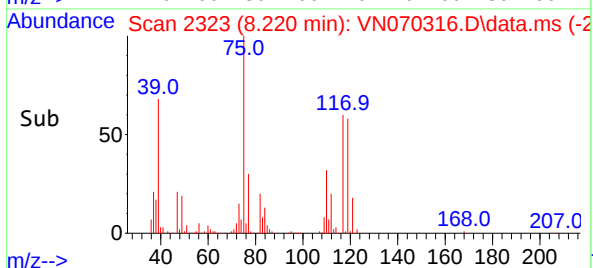
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

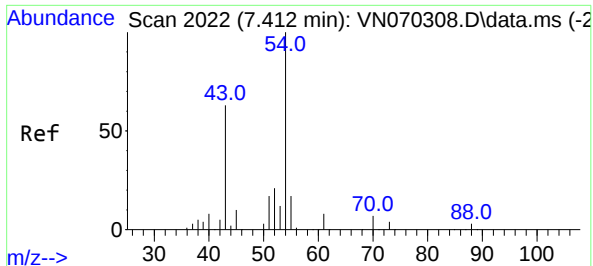


#36
1,1-Dichloropropene
Concen: 19.12 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



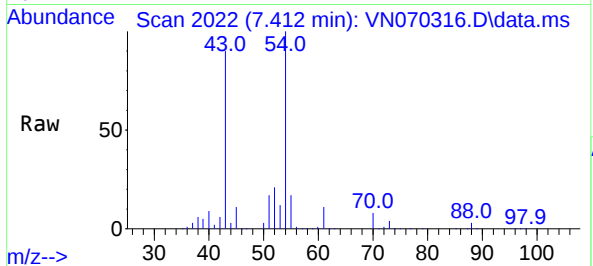
Tgt Ion: 75 Resp: 350245
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 20.57 ug/l
RT: 7.412 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

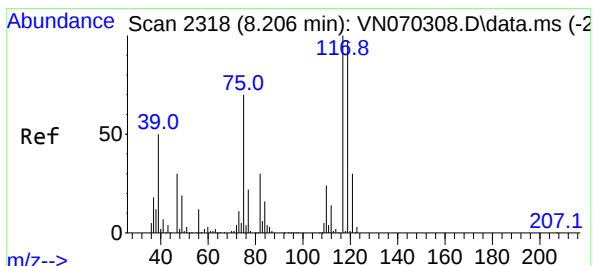
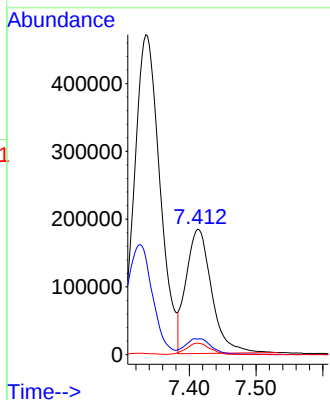
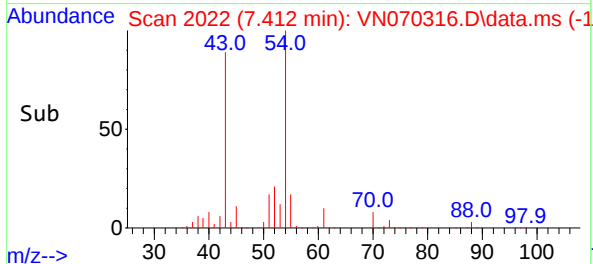
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



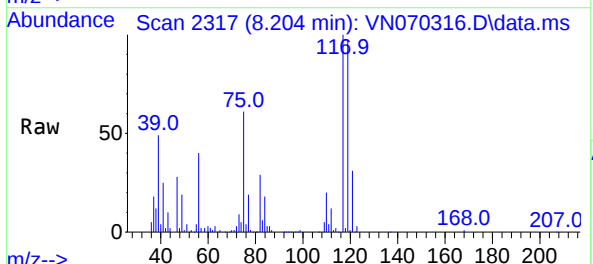
Tgt Ion: 43 Resp: 488400
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations
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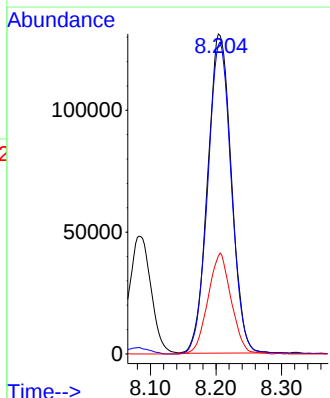
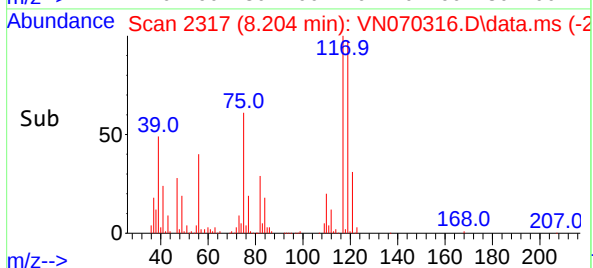
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

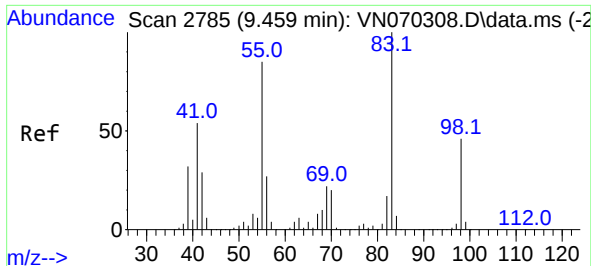


#38
Carbon Tetrachloride
Concen: 18.83 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion:117 Resp: 329357
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1
121 30.7 24.2 36.2





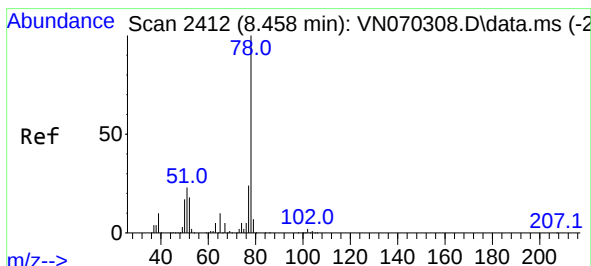
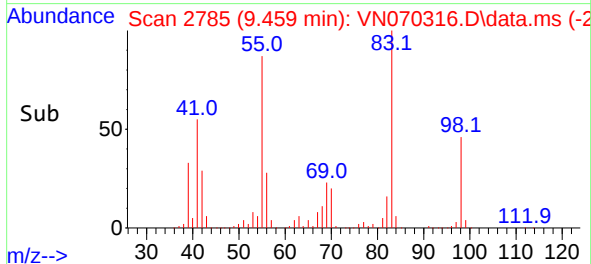
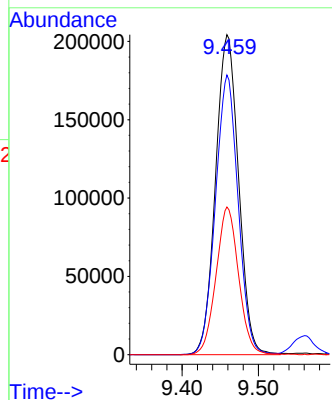
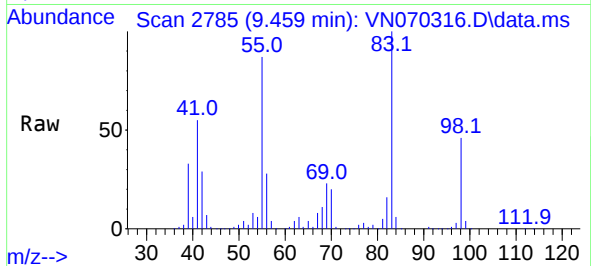
#39
Methylcyclohexane
Concen: 19.31 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

Tgt Ion: 83 Resp: 428190
Ion Ratio Lower Upper
83 100
55 87.4 58.1 87.1
98 46.2 38.4 57.6

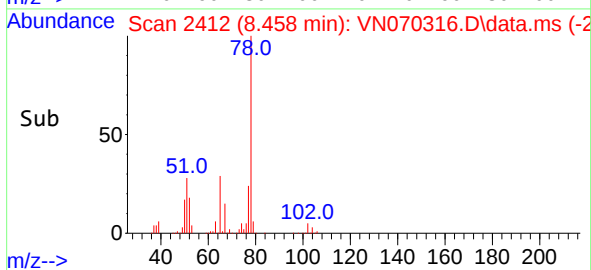
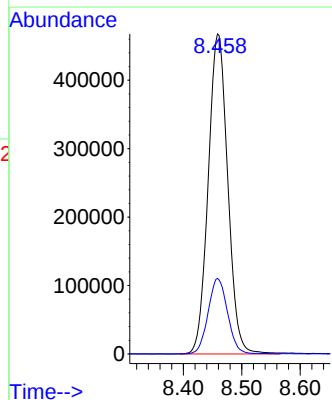
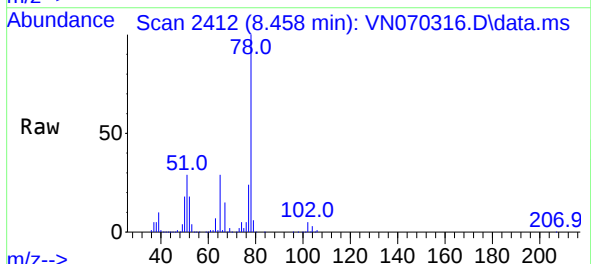
Manual Integrations
APPROVED

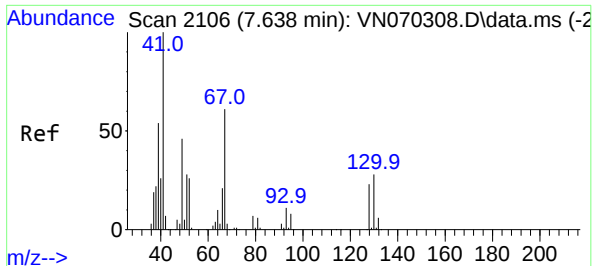
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#40
Benzene
Concen: 19.35 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

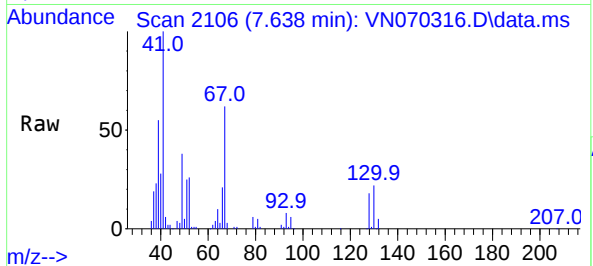
Tgt Ion: 78 Resp: 1086569
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 20.16 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

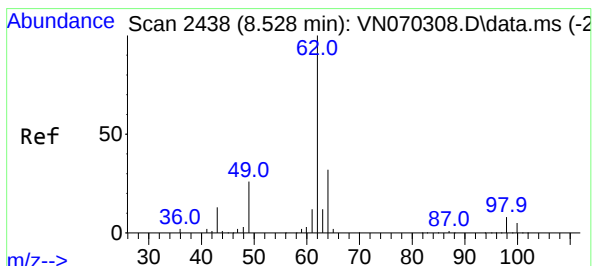
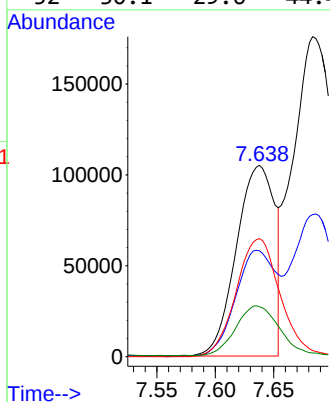
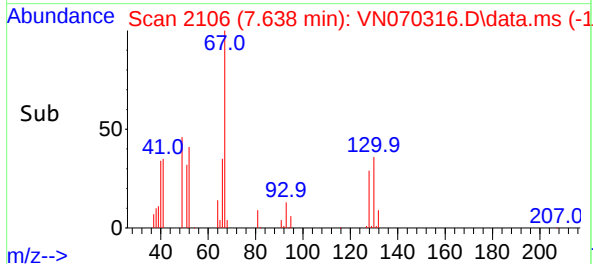
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 41 Resp: 239394
Ion Ratio Lower Upper
41 100
39 59.7 48.1 72.1
67 71.5 68.3 102.5
52 30.1 29.6 44.4

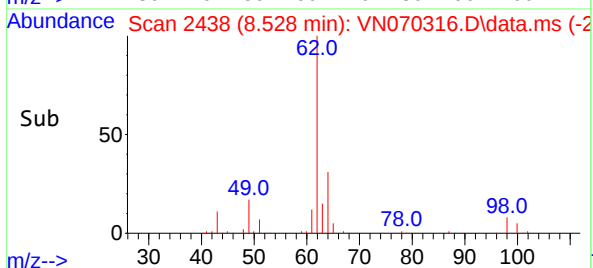
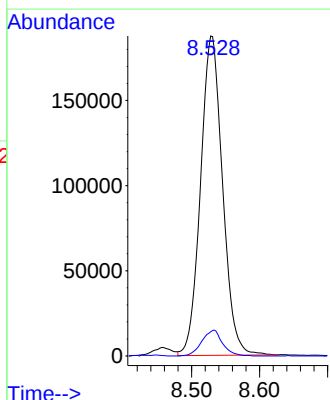
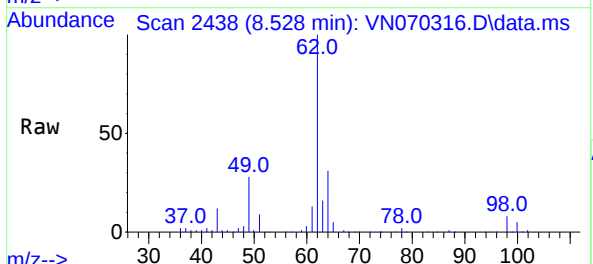
Manual Integrations
APPROVED

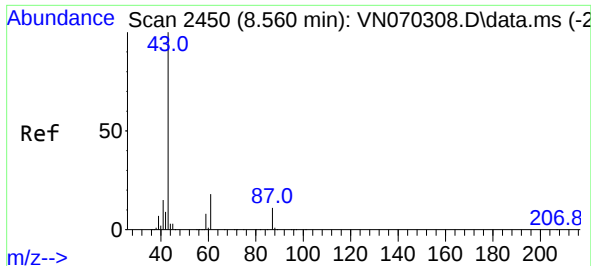
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#42
1,2-Dichloroethane
Concen: 20.00 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

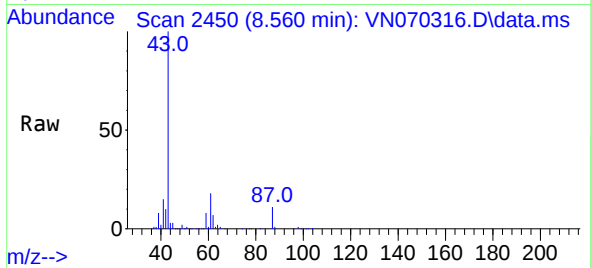
Tgt Ion: 62 Resp: 422094
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.11 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

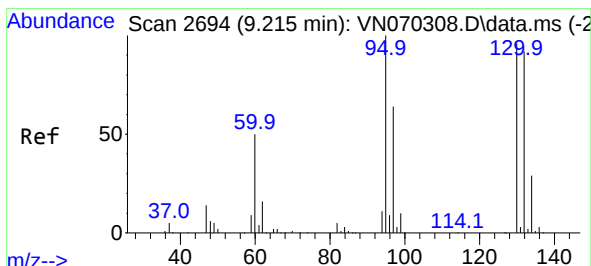
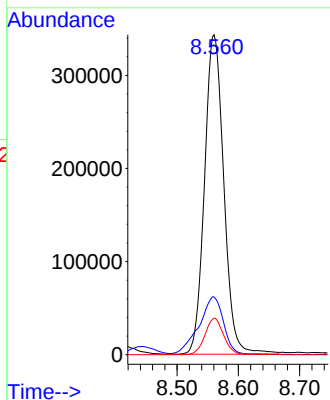
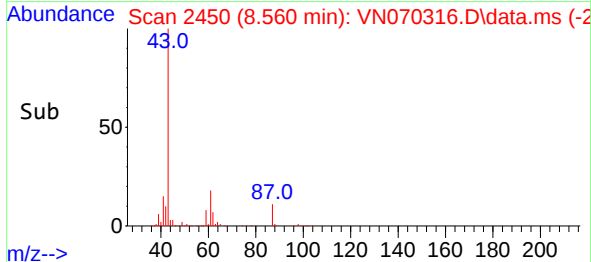
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



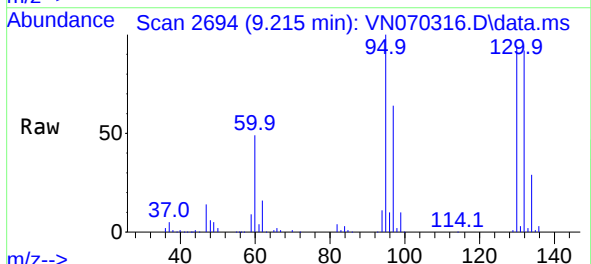
Tgt Ion: 43 Resp: 75263
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations
APPROVED

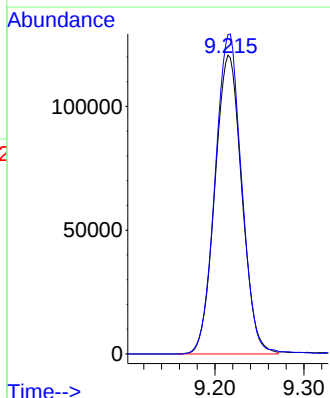
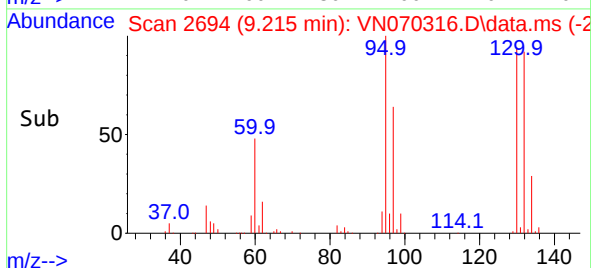
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

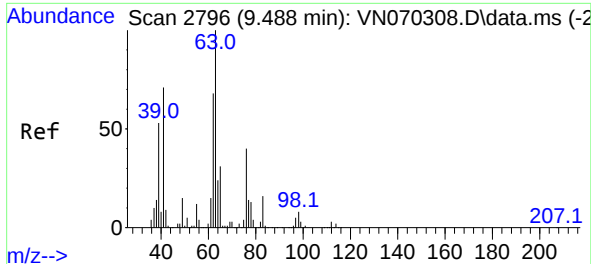


#44
Trichloroethene
Concen: 19.05 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



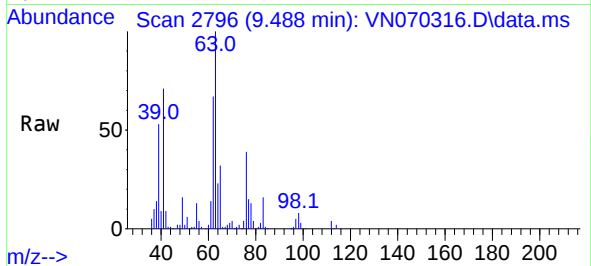
Tgt Ion:130 Resp: 254198
Ion Ratio Lower Upper
130 100
95 106.9 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.54 ug/l
RT: 9.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

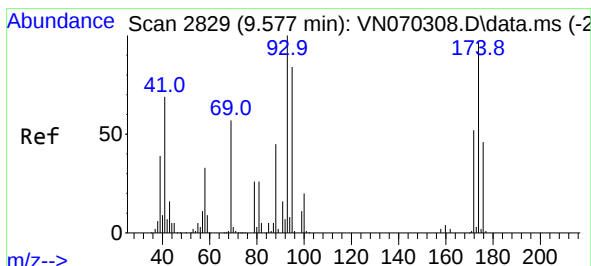
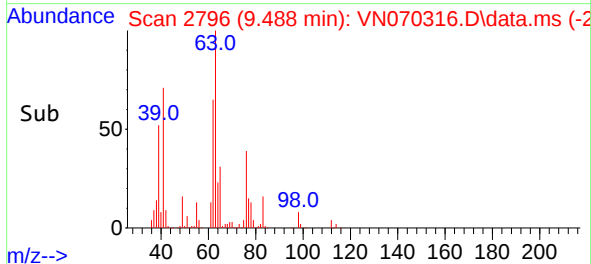
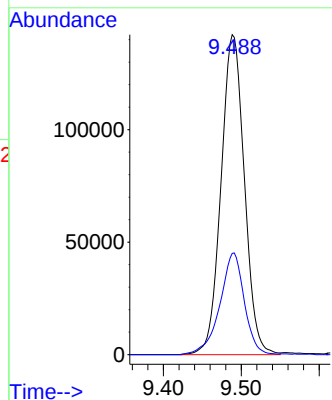
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



Tgt Ion: 63 Resp: 29549
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

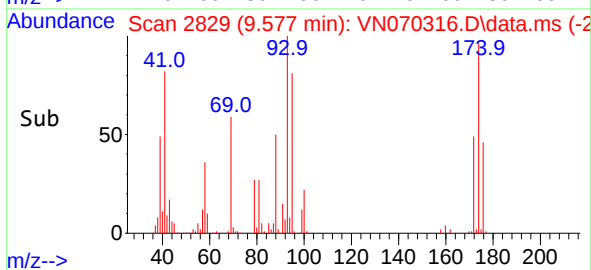
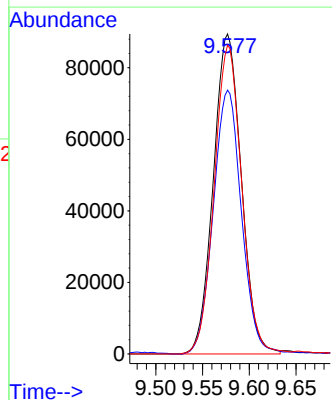
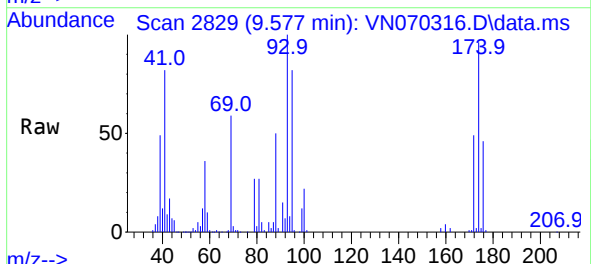
Manual Integrations
APPROVED

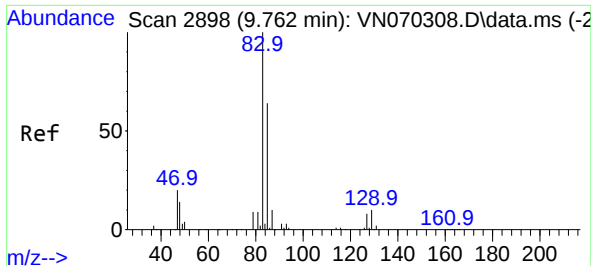
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#46
Dibromomethane
Concen: 19.83 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Tgt Ion: 93 Resp: 186420
Ion Ratio Lower Upper
93 100
95 83.5 65.9 98.9
174 95.0 84.6 127.0





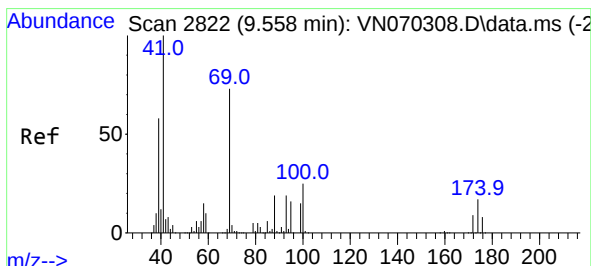
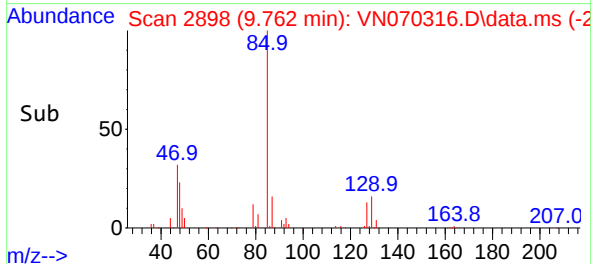
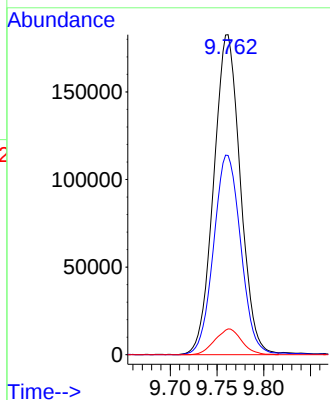
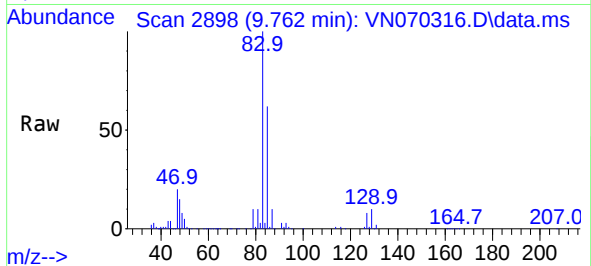
#47
Bromodichloromethane
Concen: 19.45 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01

Tgt Ion: 83 Resp: 36302
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3
127 8.1 7.1 10.7

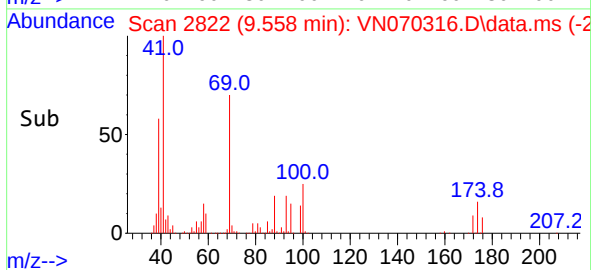
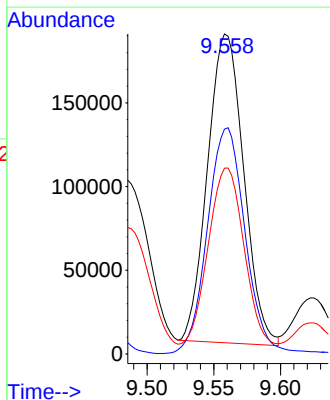
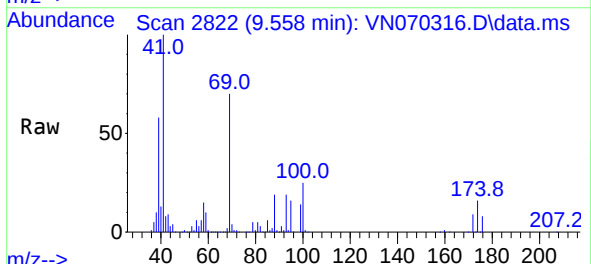
Manual Integrations
APPROVED

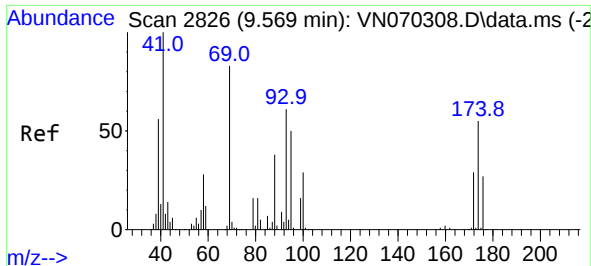
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#48
Methyl methacrylate
Concen: 19.47 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

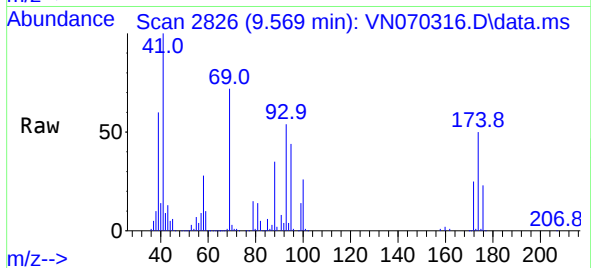
Tgt Ion: 41 Resp: 347598
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 62.0 58.4 87.6





#49
1,4-Dioxane
Concen: 422.73 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

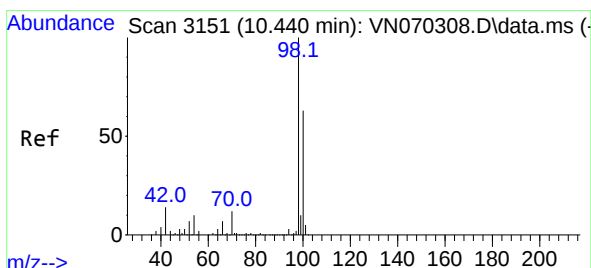
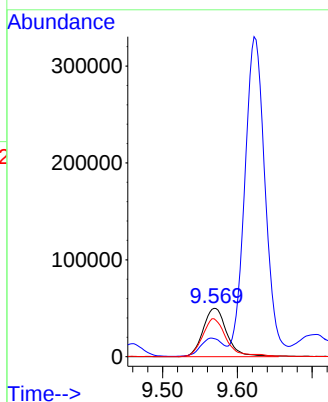
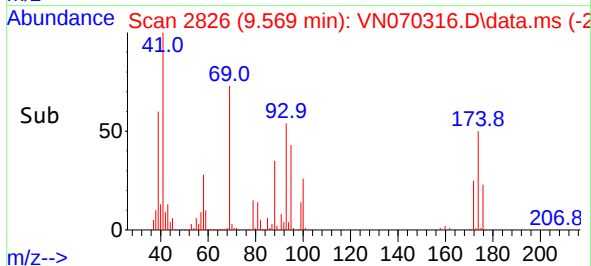
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 88 Resp: 11048
Ion Ratio Lower Upper
88 100
43 35.6 23.4 35.2
58 79.4 50.6 75.8

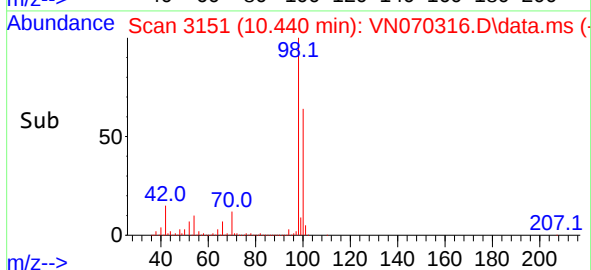
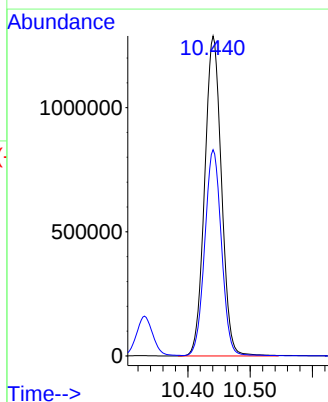
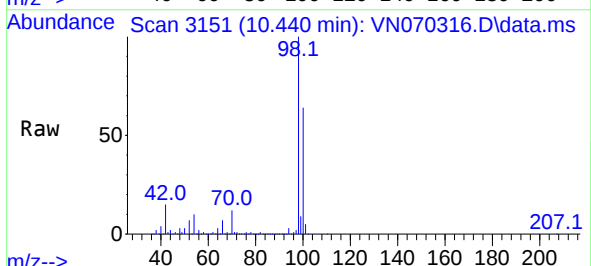
Manual Integrations
APPROVED

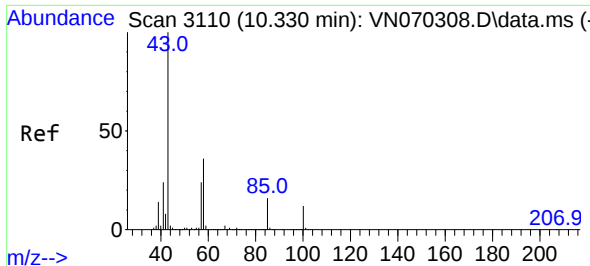
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#50
Toluene-d8
Concen: 53.39 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

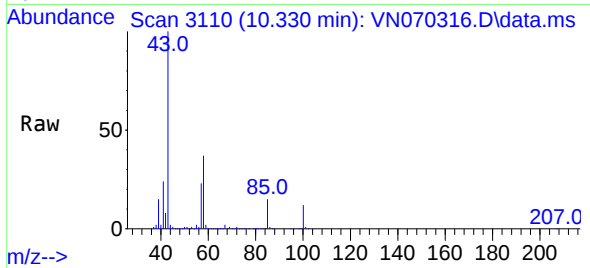
Tgt Ion: 98 Resp: 2414733
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 103.07 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

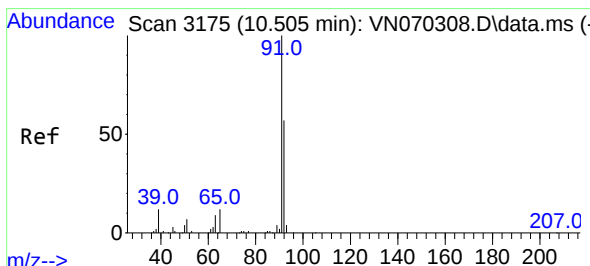
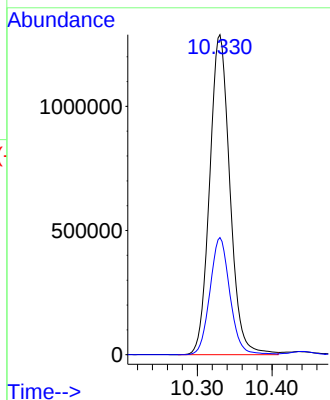
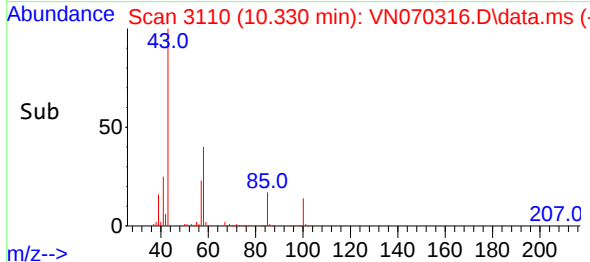
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



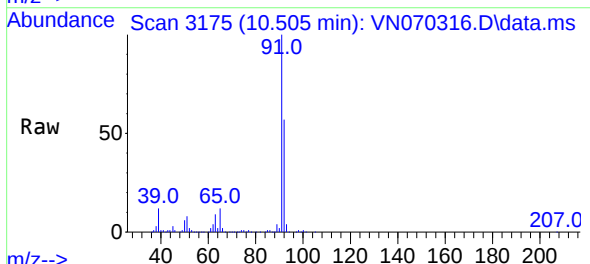
Tgt Ion: 43 Resp: 242427
Ion Ratio Lower Upper
43 100
58 36.1 30.4 45.6

Manual Integrations
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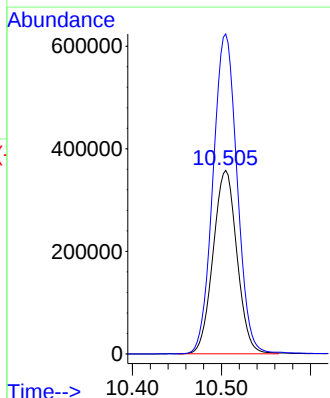
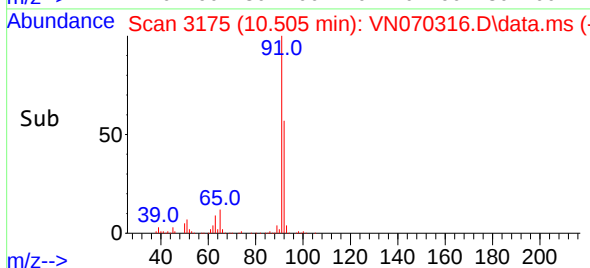
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

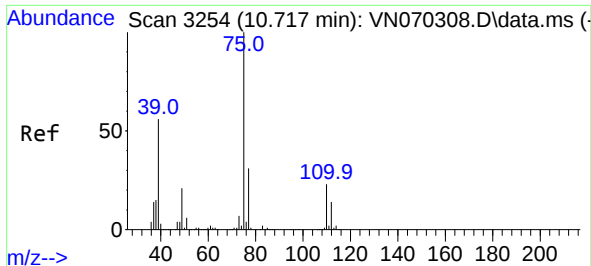


#52
Toluene
Concen: 19.60 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



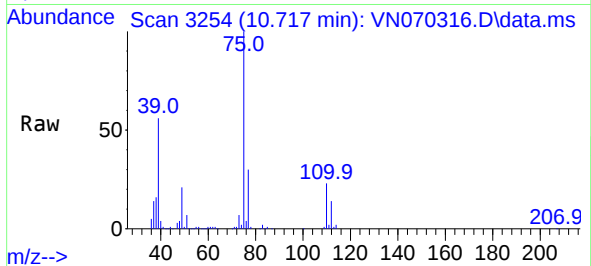
Tgt Ion: 92 Resp: 666199
Ion Ratio Lower Upper
92 100
91 176.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.63 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

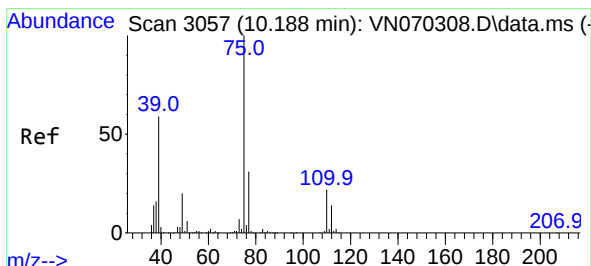
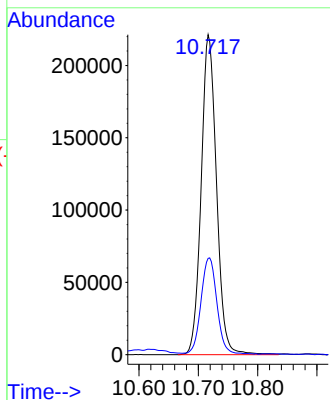
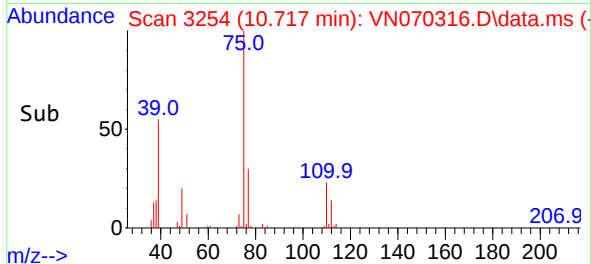
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



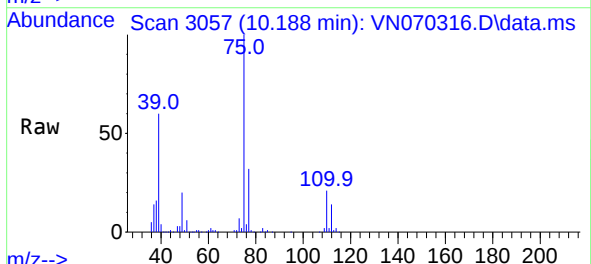
Tgt Ion: 75 Resp: 396730
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4

Manual Integrations
APPROVED

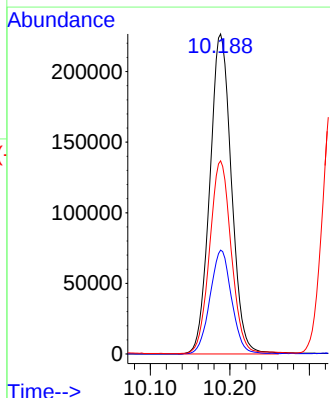
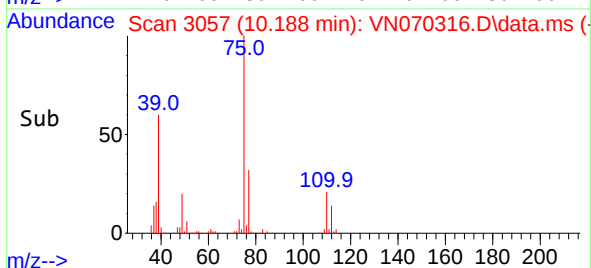
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

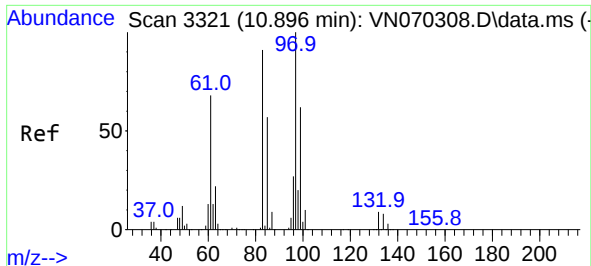


#54
cis-1,3-Dichloropropene
Concen: 19.59 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



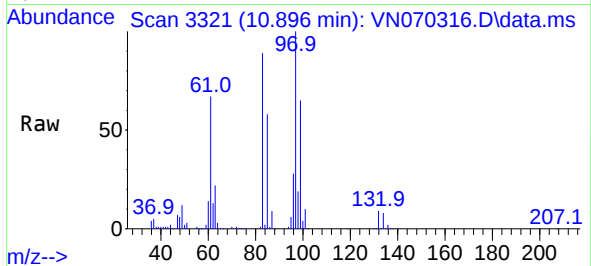
Tgt Ion: 75 Resp: 428350
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
39 60.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.76 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

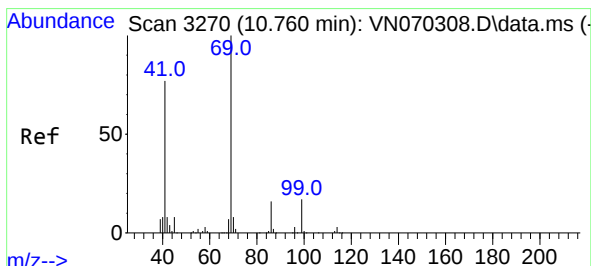
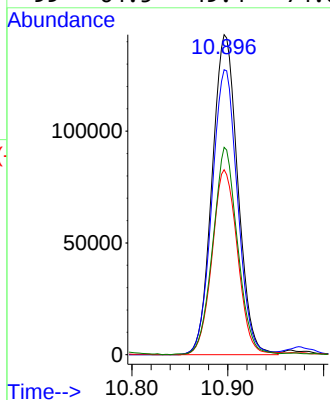
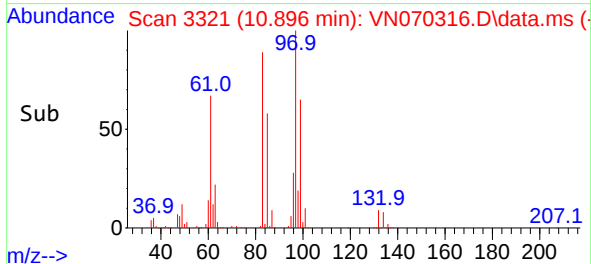


Tgt Ion: 97 Resp: 26566

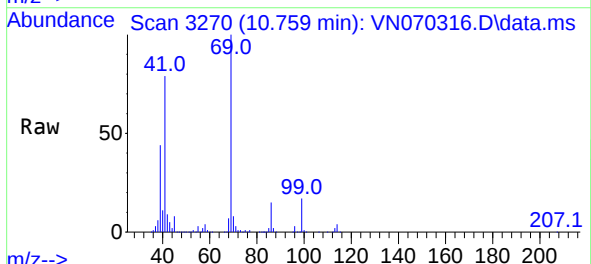
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.8	101.6
85	57.8	45.4	68.2
99	64.5	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

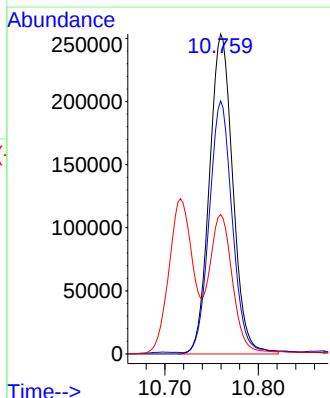
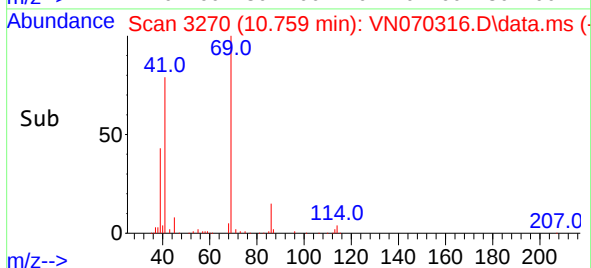


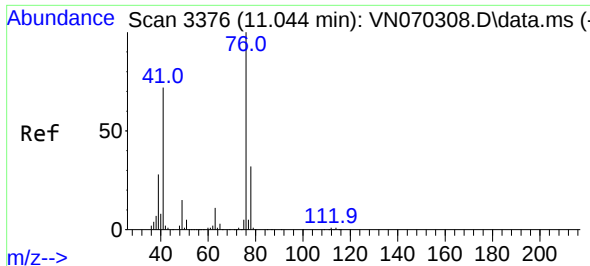
#56
Ethyl methacrylate
Concen: 19.88 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion: 69 Resp: 441629

Ion	Ratio	Lower	Upper
69	100		
41	77.0	51.4	77.0
39	40.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.97 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN070316.D

Acq: 27 Dec 2021 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN1227MBS01

Tgt Ion: 76 Resp: 474880

Ion Ratio Lower Upper

76 100

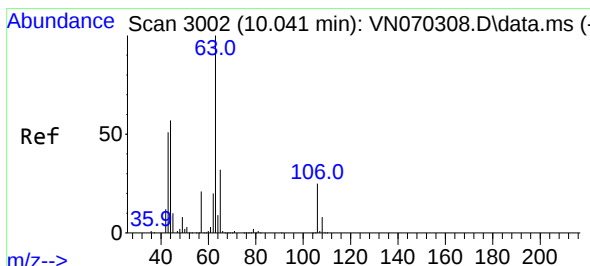
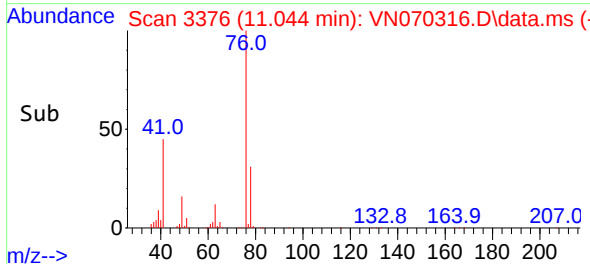
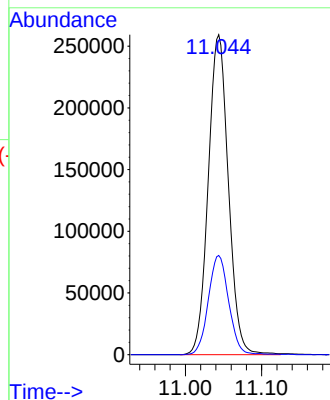
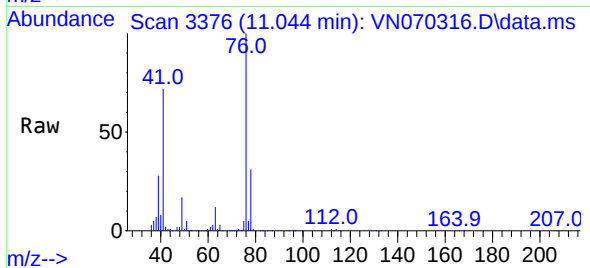
78 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 80.26 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070316.D

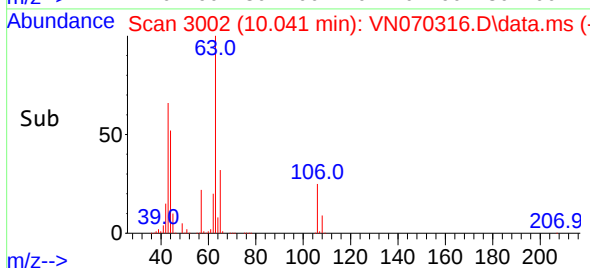
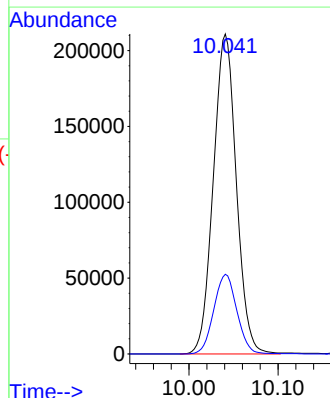
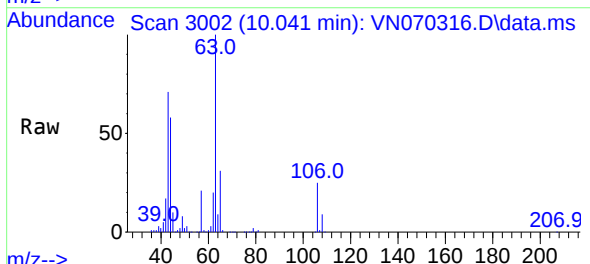
Acq: 27 Dec 2021 18:09

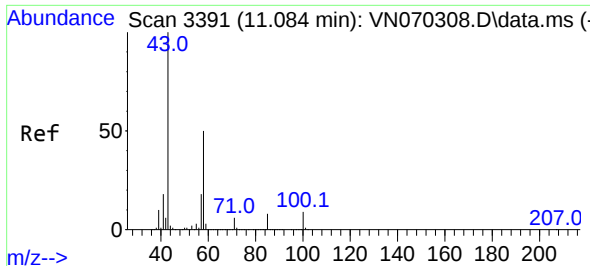
Tgt Ion: 63 Resp: 378512

Ion Ratio Lower Upper

63 100

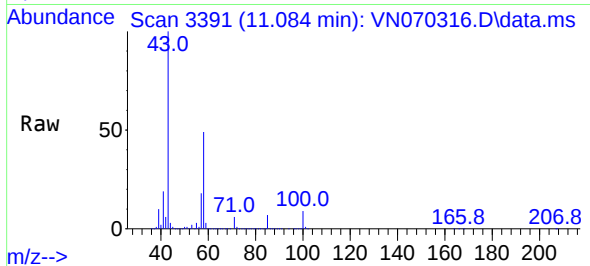
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 100.08 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

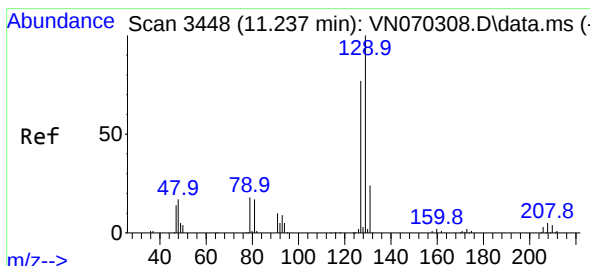
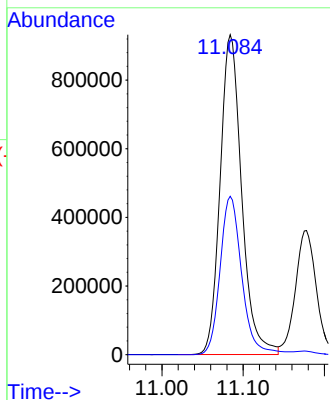
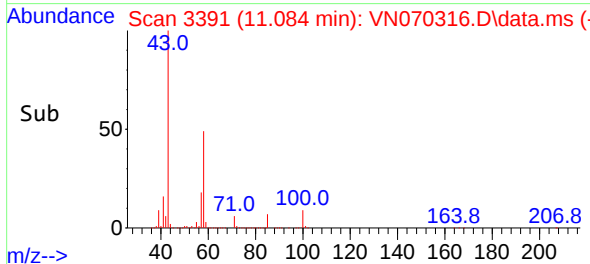
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 43 Resp: 1716630
Ion Ratio Lower Upper
43 100
58 49.8 26.9 80.7

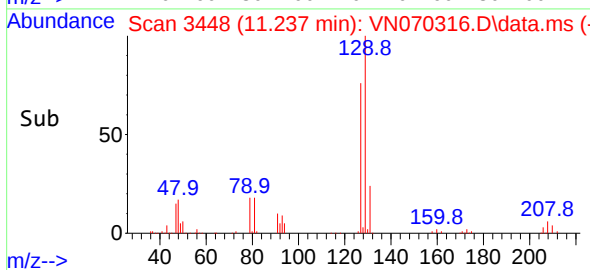
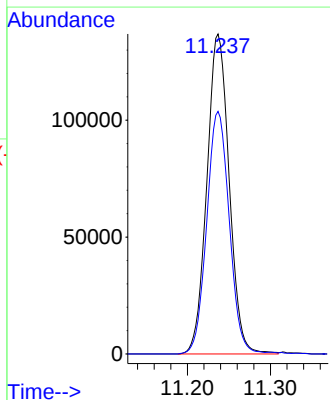
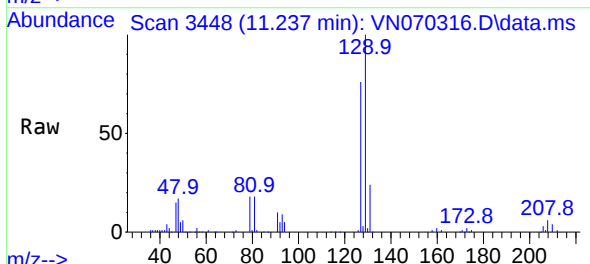
Manual Integrations
APPROVED

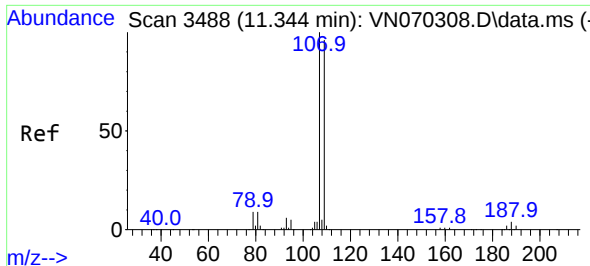
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#60
Dibromochloromethane
Concen: 19.46 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

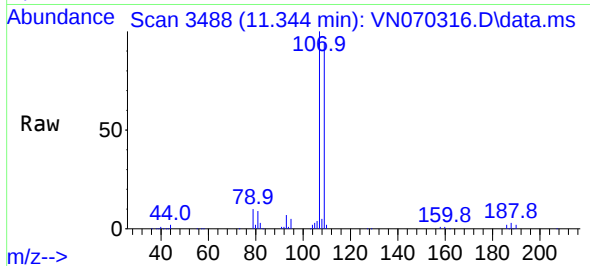
Tgt Ion:129 Resp: 255276
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.88 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

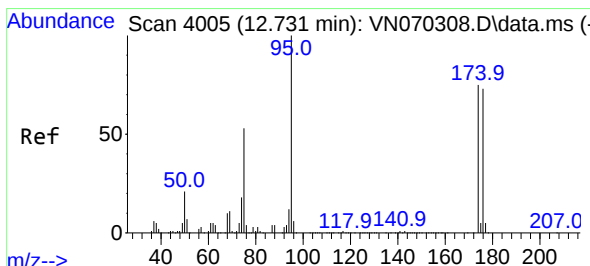
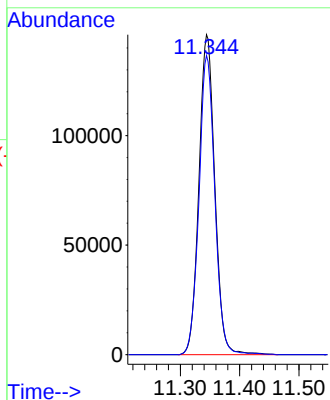
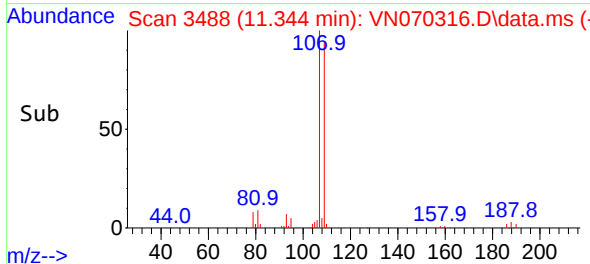
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



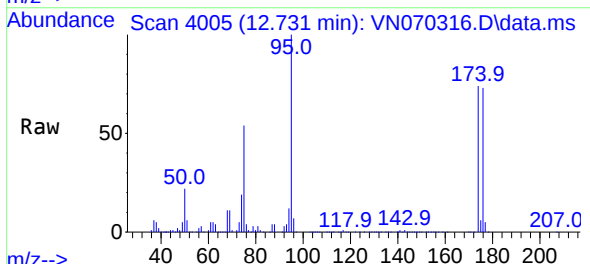
Tgt Ion:107 Resp: 271398
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

Manual Integrations
APPROVED

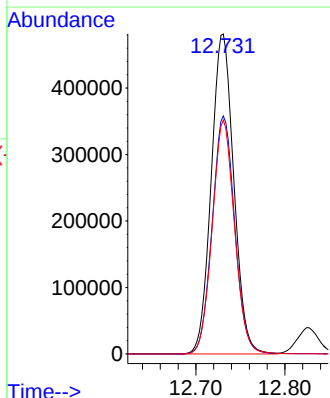
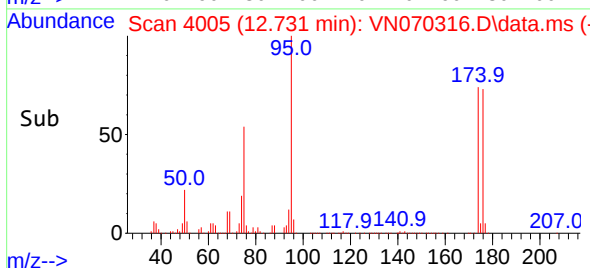
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

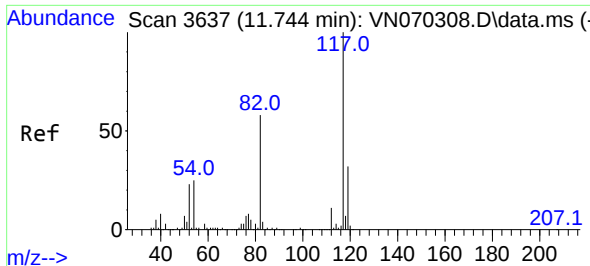


#62
4-Bromofluorobenzene
Concen: 51.84 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



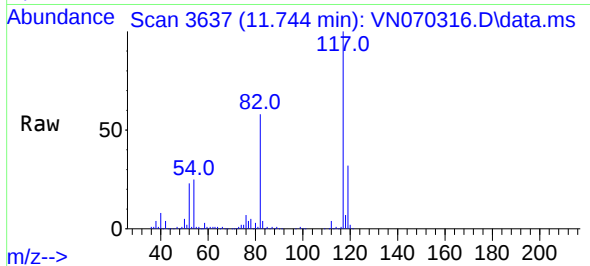
Tgt Ion: 95 Resp: 846859
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

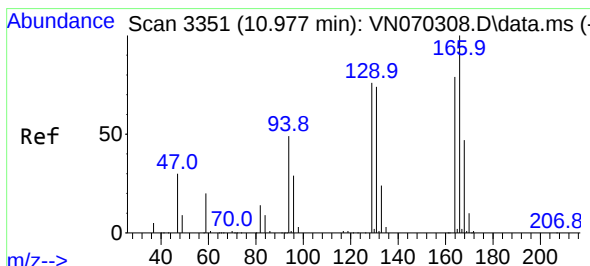
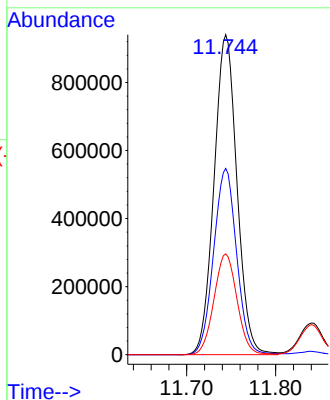
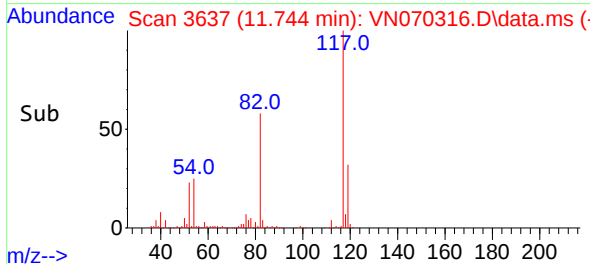
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



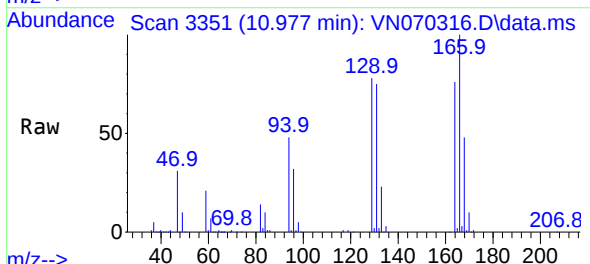
Tgt Ion:117 Resp: 168405
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
APPROVED

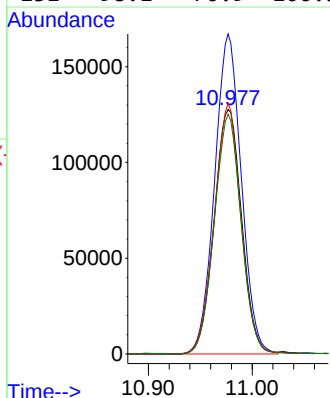
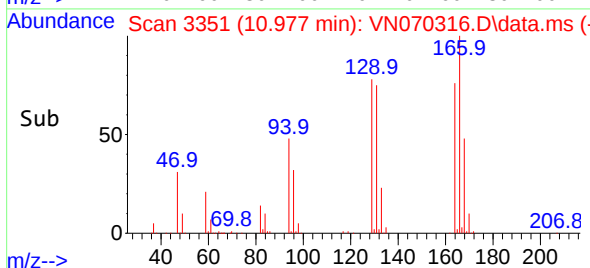
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

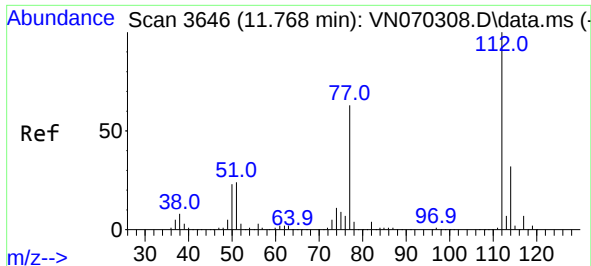


#64
Tetrachloroethene
Concen: 19.26 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



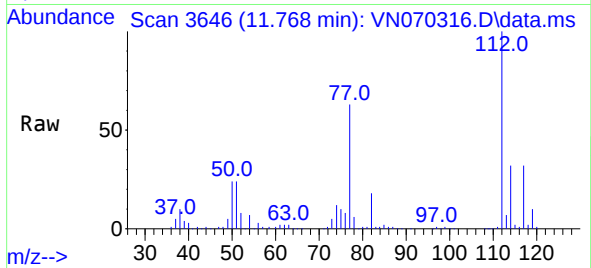
Tgt Ion:164 Resp: 234891
Ion Ratio Lower Upper
164 100
166 130.9 101.9 152.9
129 102.5 72.0 108.0
131 98.1 70.9 106.3





#65
Chlorobenzene
Concen: 19.42 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

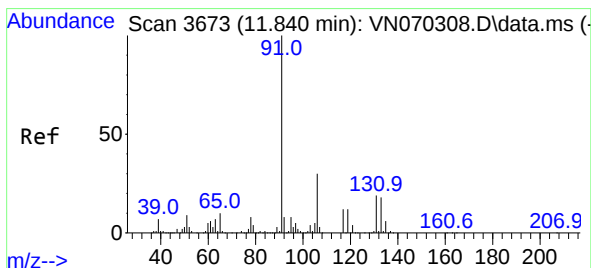
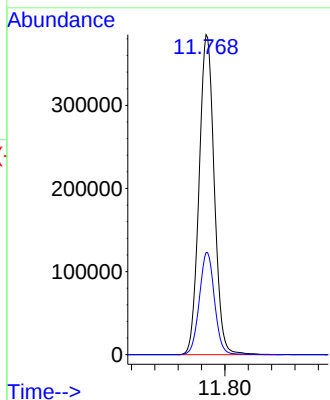
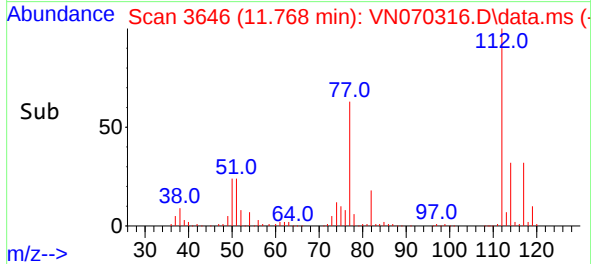
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



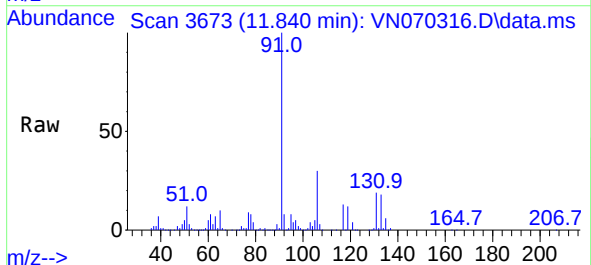
Tgt Ion:112 Resp: 69406
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

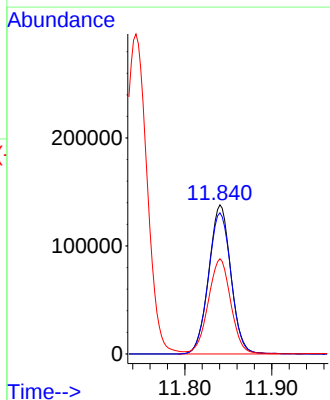
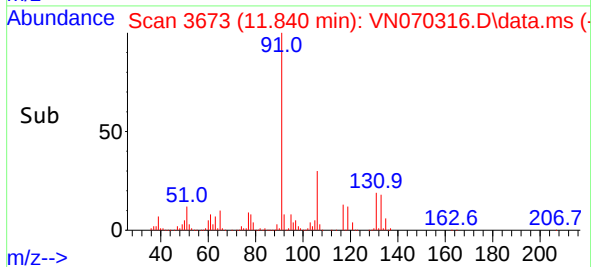
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

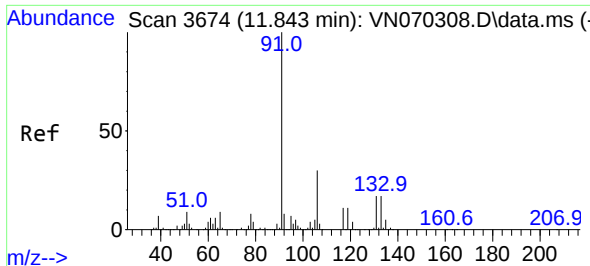


#66
1,1,1,2-Tetrachloroethane
Concen: 19.12 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



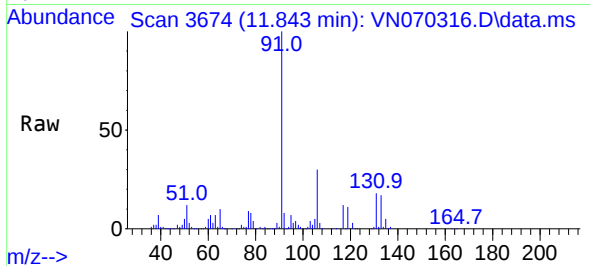
Tgt Ion:131 Resp: 243927
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.7
119 65.1 32.1 96.5





#67
Ethyl Benzene
Concen: 19.57 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

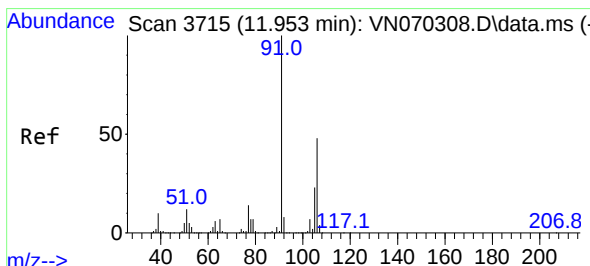
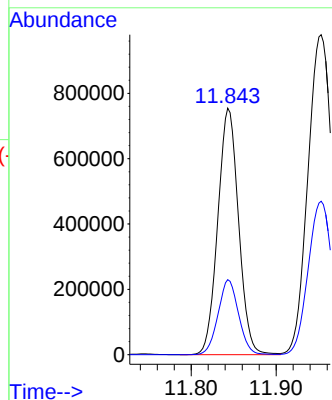
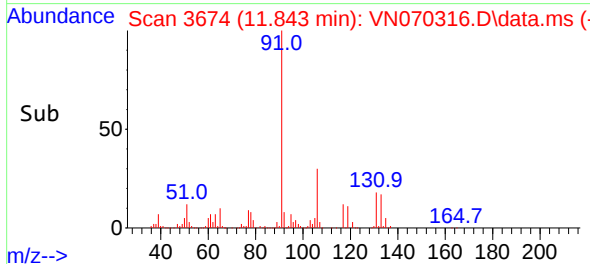
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



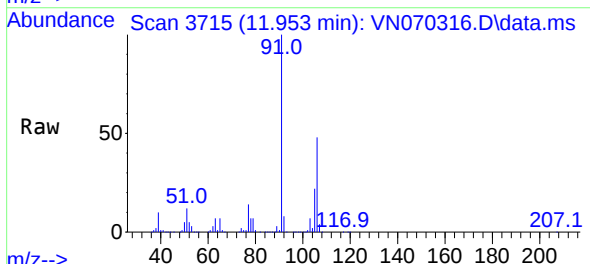
Tgt Ion: 91 Resp: 1281000
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

Manual Integrations
APPROVED

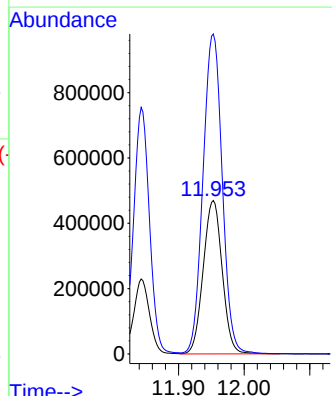
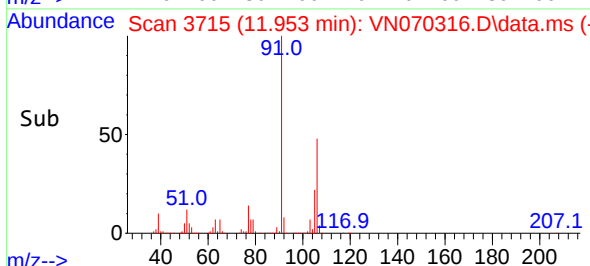
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

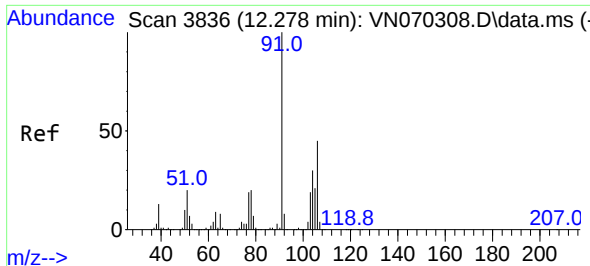


#68
m/p-Xylenes
Concen: 39.59 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



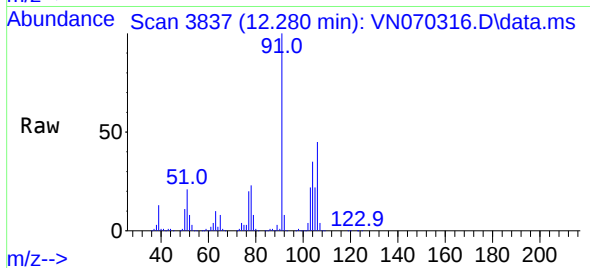
Tgt Ion:106 Resp: 943522
Ion Ratio Lower Upper
106 100
91 211.3 160.6 240.8





#69
o-Xylene
Concen: 19.66 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

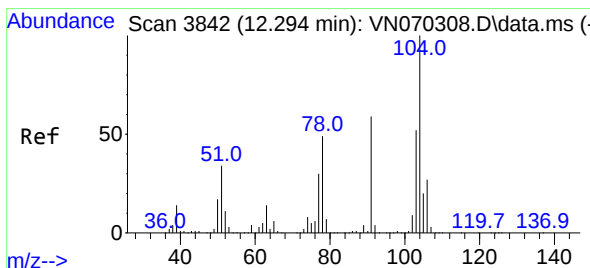
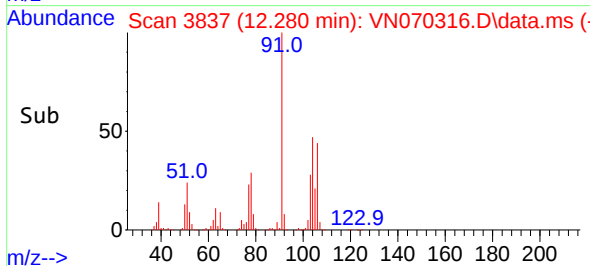
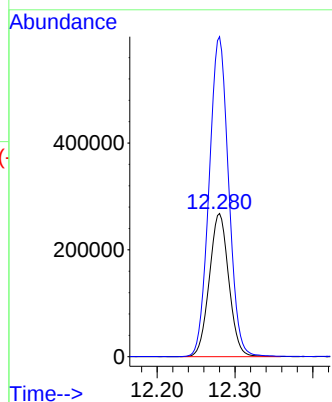
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



Tgt Ion:106 Resp: 465952
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

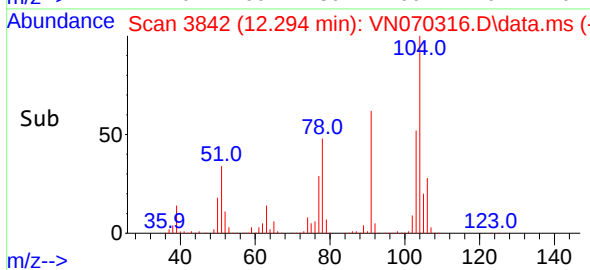
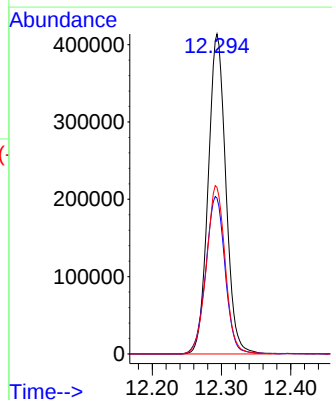
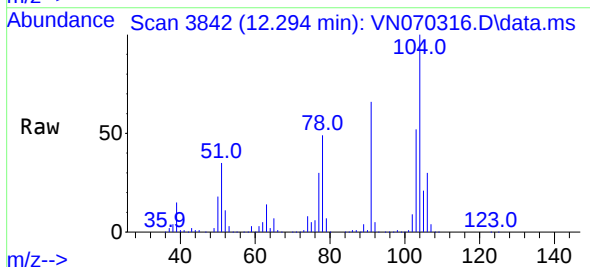
Manual Integrations
APPROVED

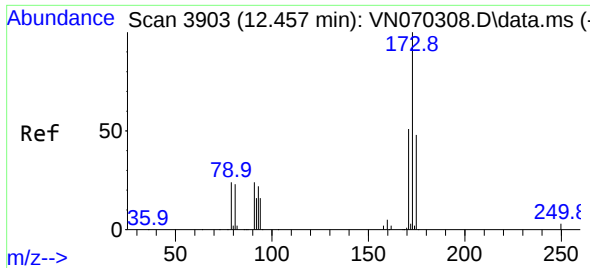
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#70
Styrene
Concen: 19.59 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Tgt Ion:104 Resp: 735031
Ion Ratio Lower Upper
104 100
78 53.9 38.7 58.1
103 56.0 45.0 67.6





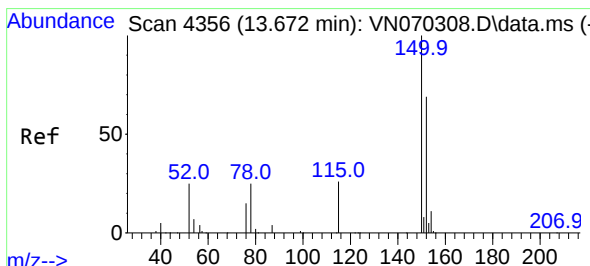
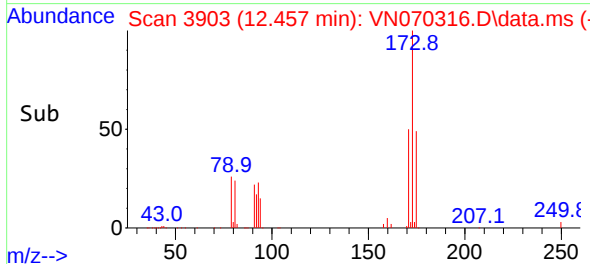
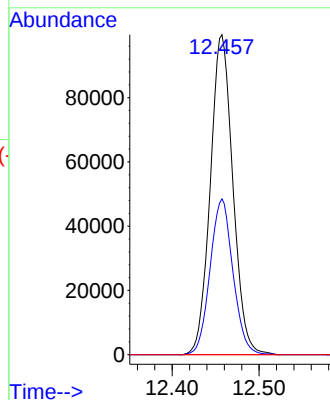
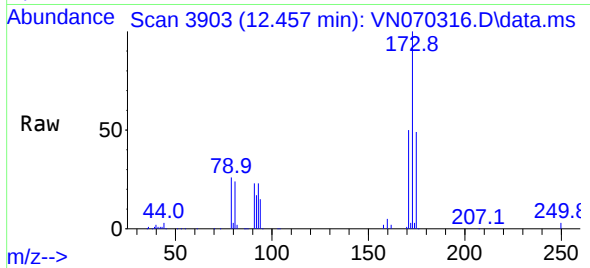
#71
Bromoform
Concen: 18.98 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01

Tgt Ion:173 Resp: 179694
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

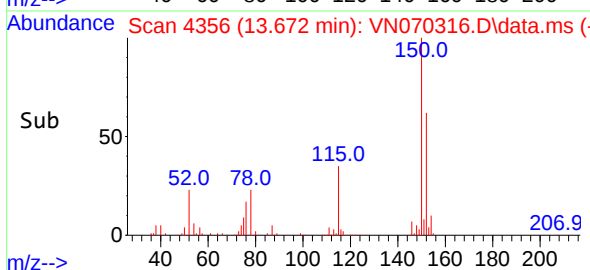
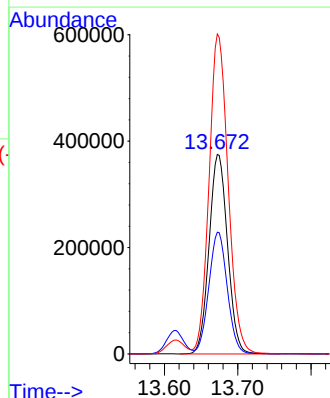
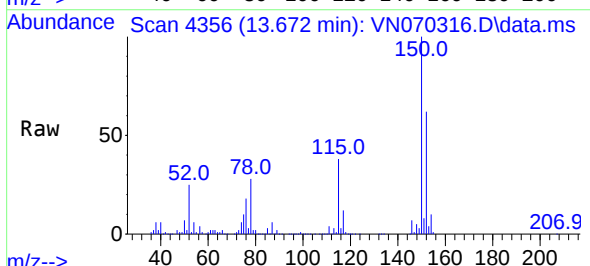
Manual Integrations
APPROVED

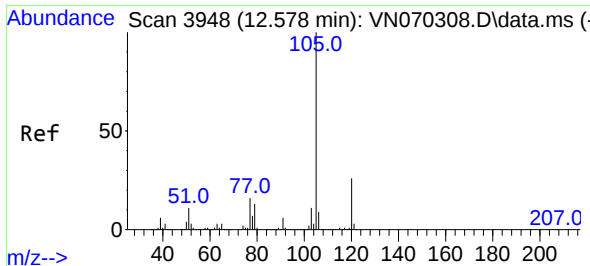
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

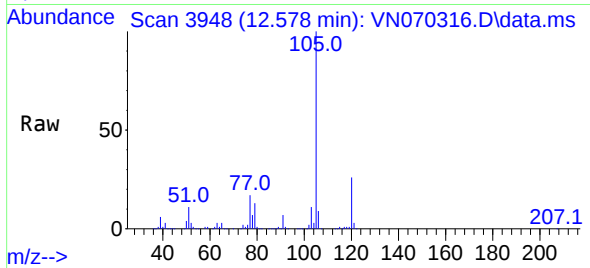
Tgt Ion:152 Resp: 656839
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 165.4 0.0 344.4





#73
Isopropylbenzene
Concen: 19.84 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

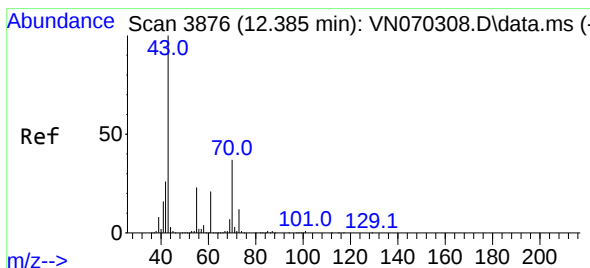
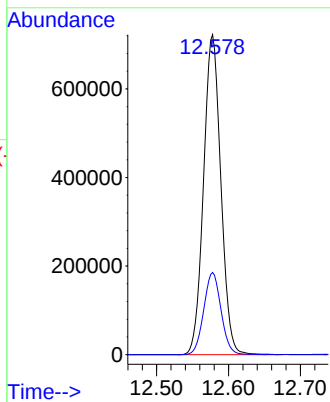
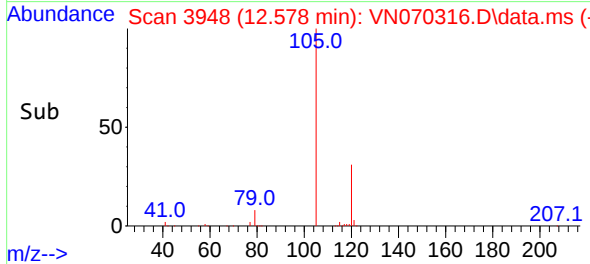
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



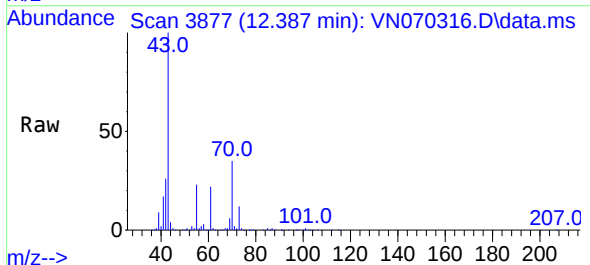
Tgt Ion:105 Resp: 1210090
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

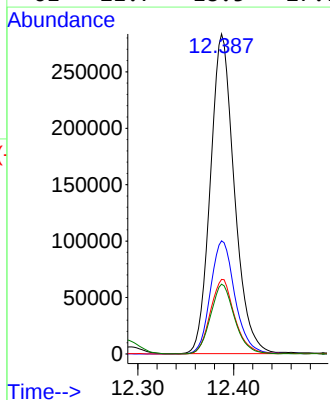
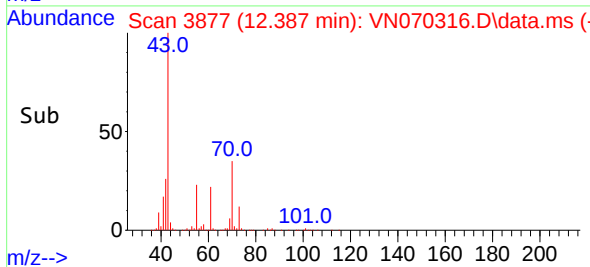
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

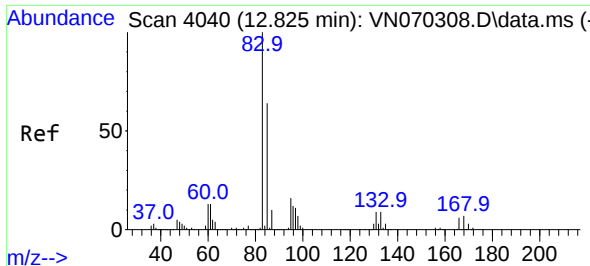


#74
N-ethyl acetate
Concen: 19.14 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



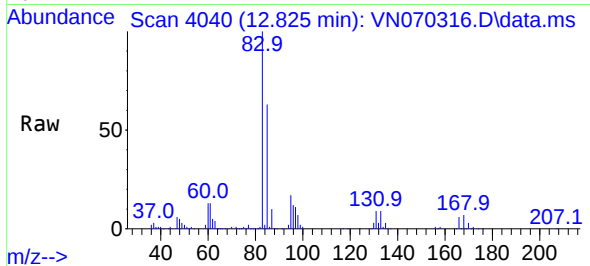
Tgt Ion: 43 Resp: 490813
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 23.7 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.26 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

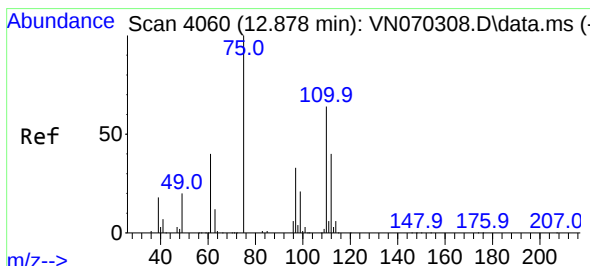
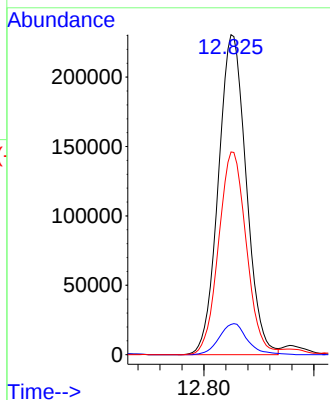
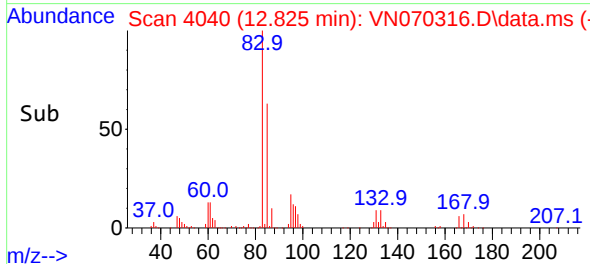
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



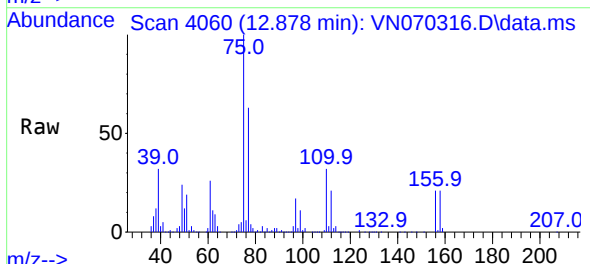
Tgt Ion: 83 Resp: 405280
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.2 32.4 97.2

Manual Integrations
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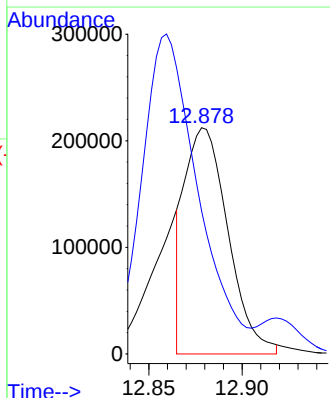
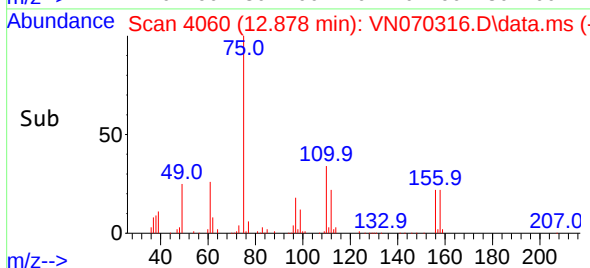
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

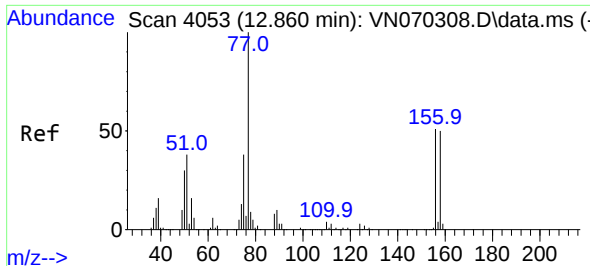


#76
1,2,3-Trichloropropane
Concen: 19.42 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion: 75 Resp: 343203
Ion Ratio Lower Upper
75 100
77 183.8 82.6 247.8





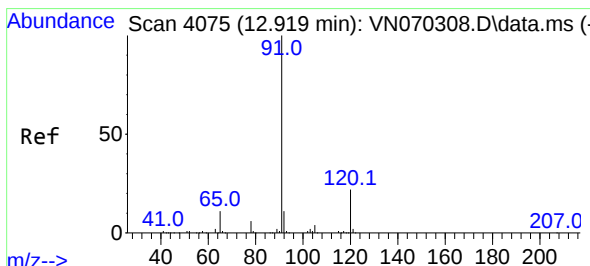
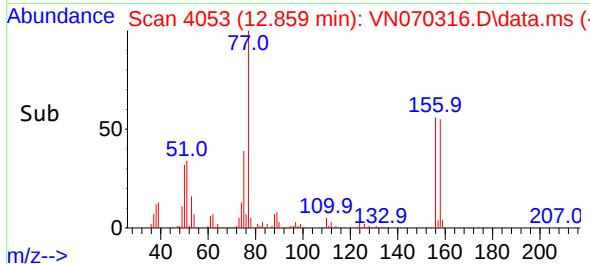
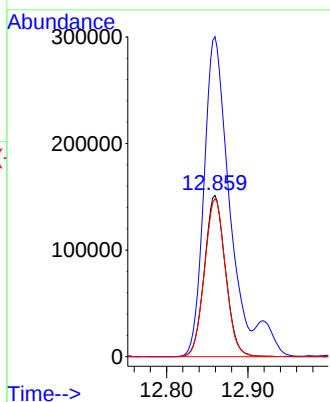
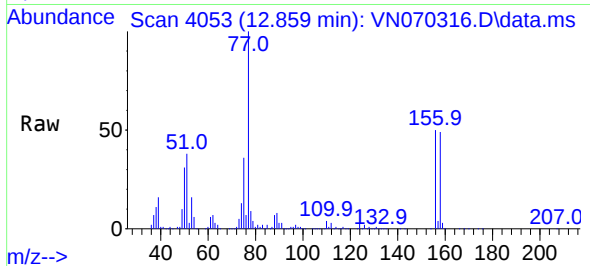
#77
Bromobenzene
Concen: 19.37 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

Tgt Ion:156 Resp: 271277
Ion Ratio Lower Upper
156 100
77 232.6 90.6 271.8
158 98.2 48.9 146.7

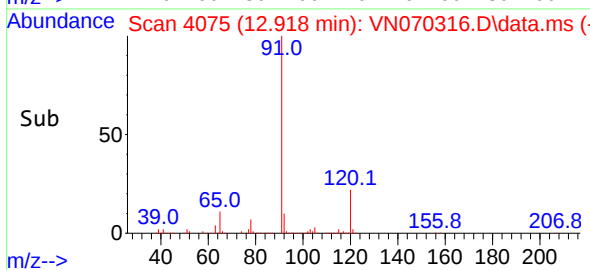
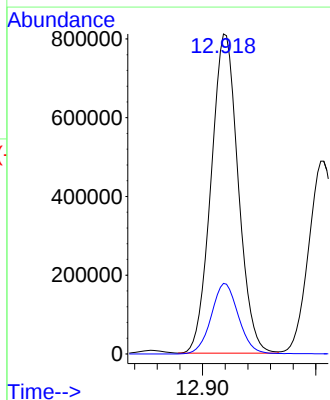
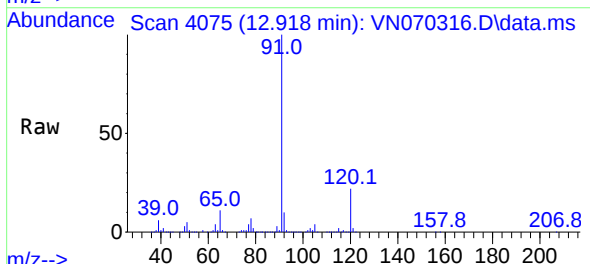
Manual Integrations
APPROVED

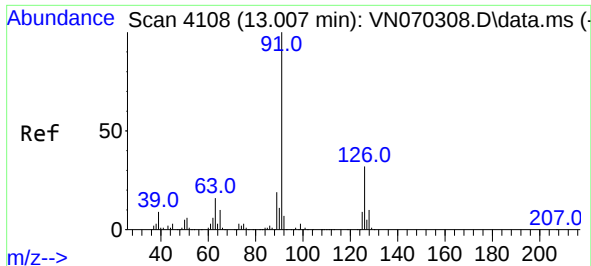
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#78
n-propylbenzene
Concen: 19.92 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Tgt Ion: 91 Resp: 1346595
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





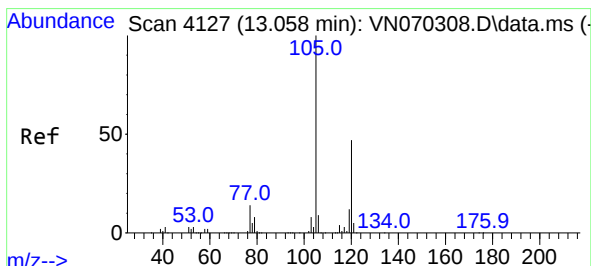
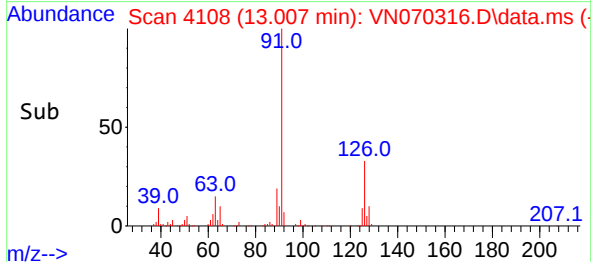
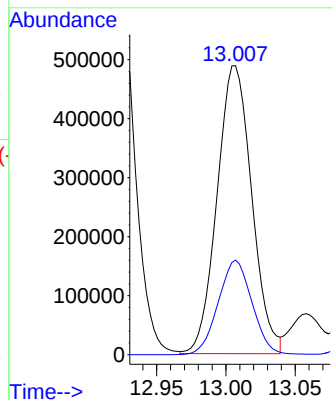
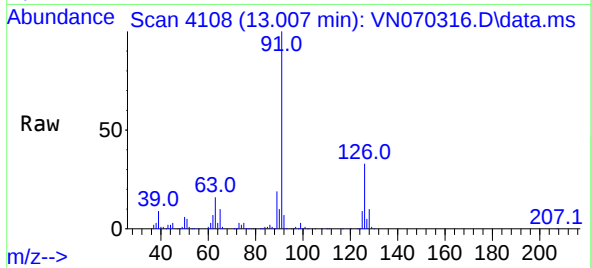
#79
2-Chlorotoluene
Concen: 19.62 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

Tgt Ion: 91 Resp: 850679
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

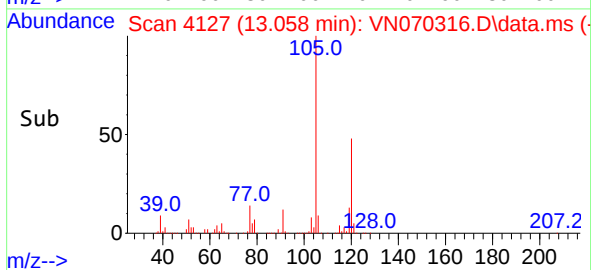
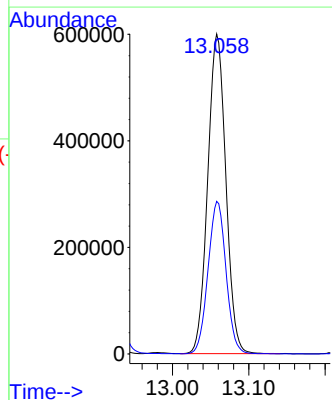
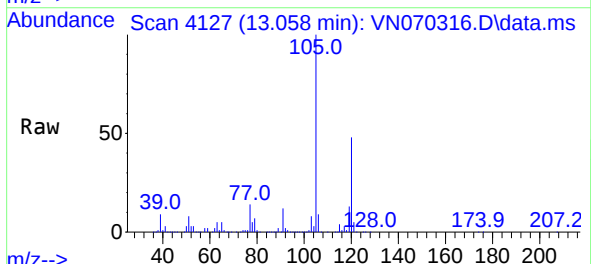
Manual Integrations
APPROVED

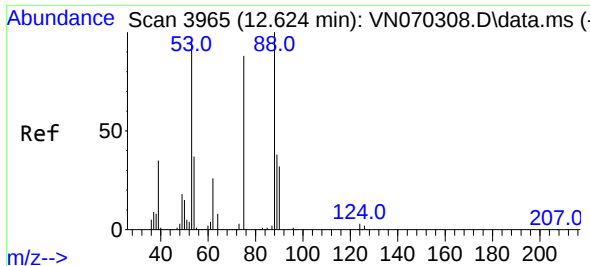
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.22 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

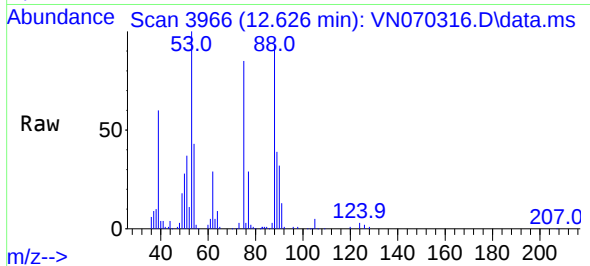
Tgt Ion:105 Resp: 988360
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.79 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

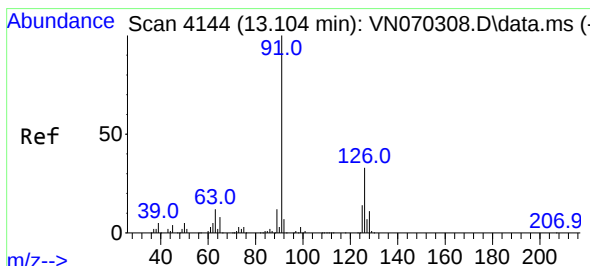
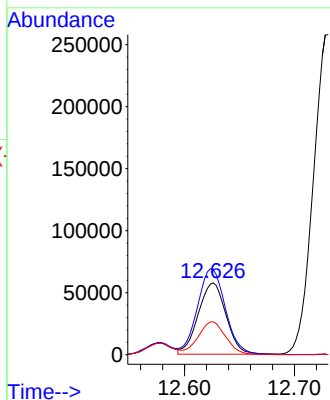
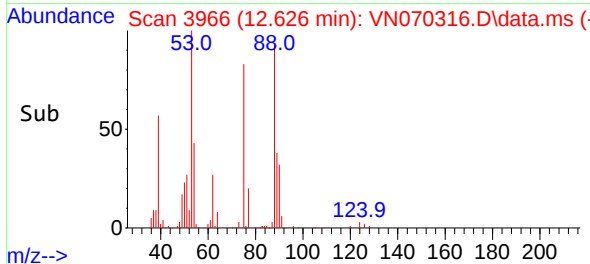
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



Tgt Ion: 75 Resp: 101000
Ion Ratio Lower Upper
75 100
53 122.3 90.5 135.7
89 46.0 38.2 57.4

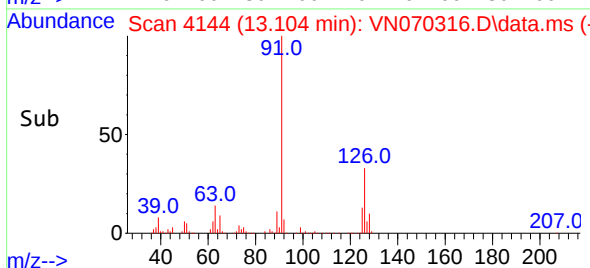
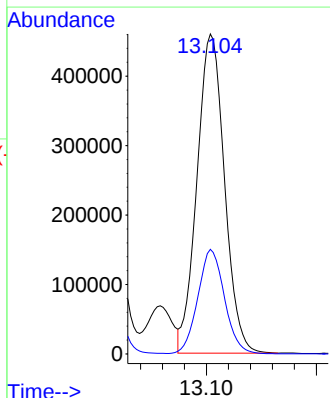
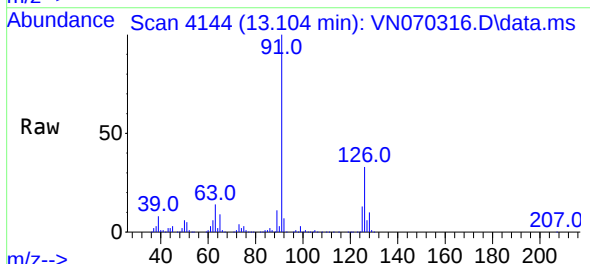
Manual Integrations
APPROVED

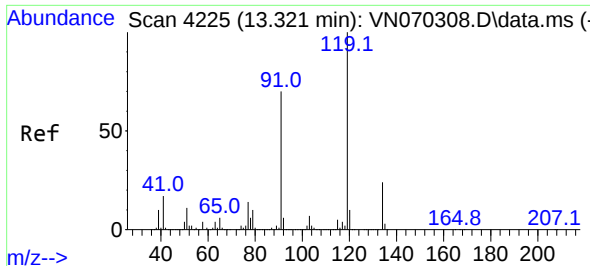
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#82
4-Chlorotoluene
Concen: 19.64 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

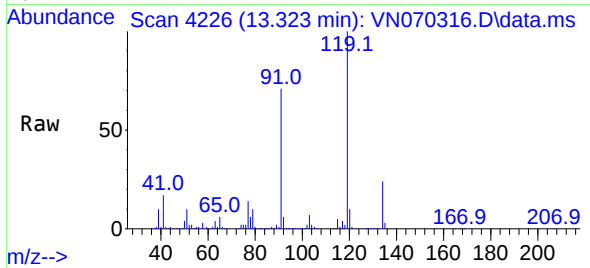
Tgt Ion: 91 Resp: 797755
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.47 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

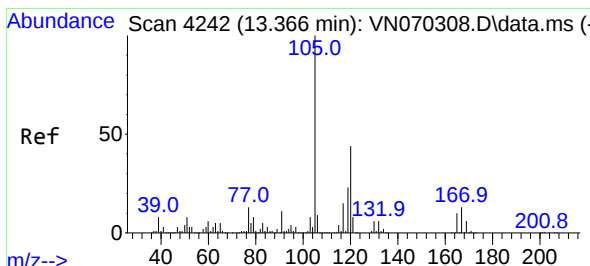
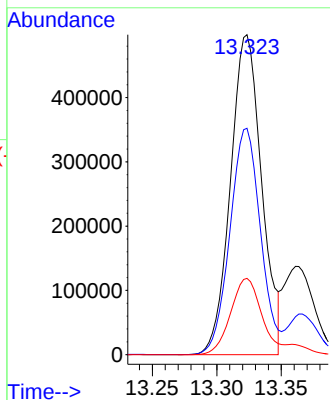
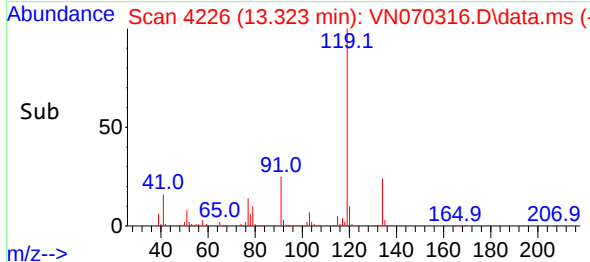
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01



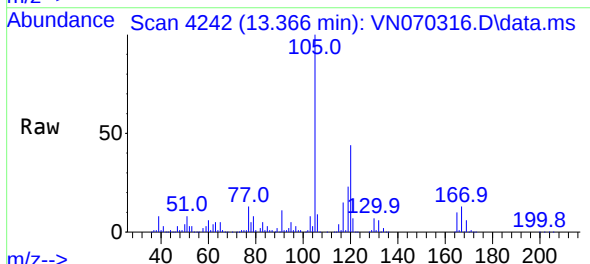
Tgt Ion:119 Resp: 83798
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

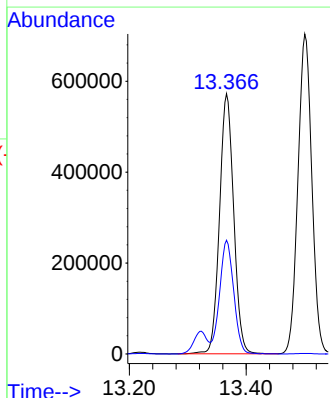
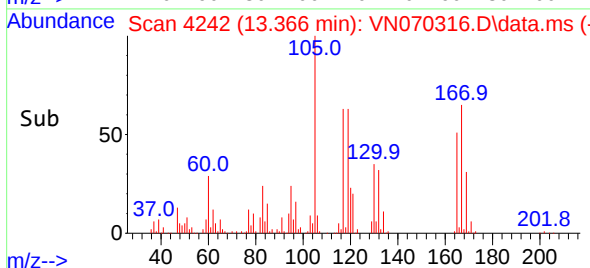
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

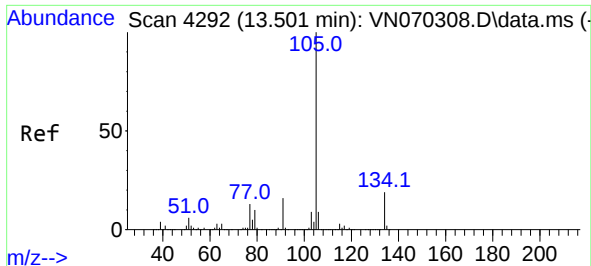


#84
1,2,4-Trimethylbenzene
Concen: 20.52 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion:105 Resp: 965666
Ion Ratio Lower Upper
105 100
120 43.1 22.8 68.4





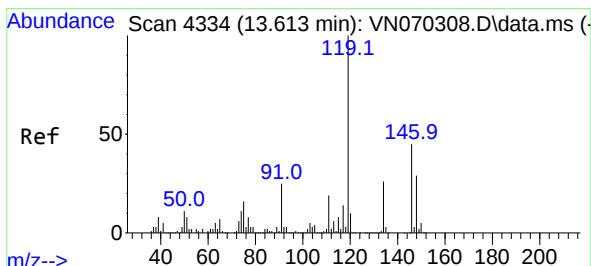
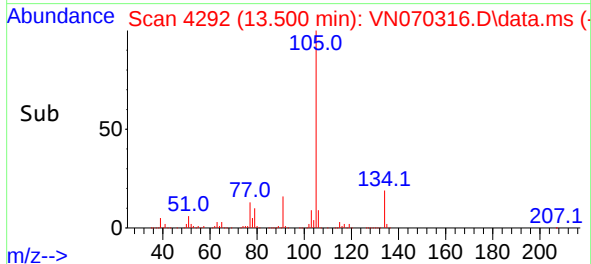
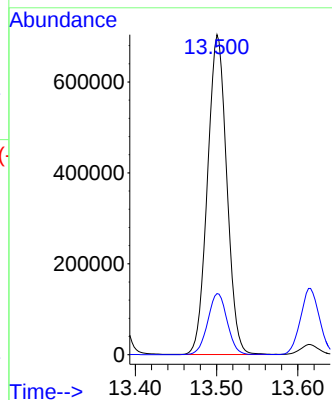
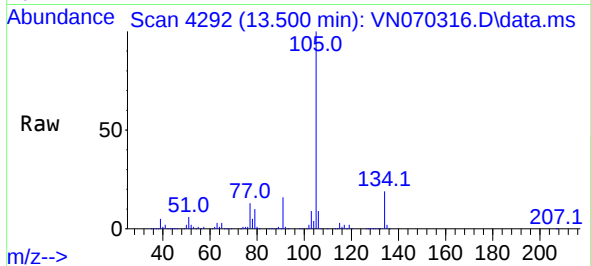
#85
 sec-Butylbenzene
 Concen: 19.87 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070316.D
 Acq: 27 Dec 2021 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBS01

Tgt Ion:105 Resp: 116107
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

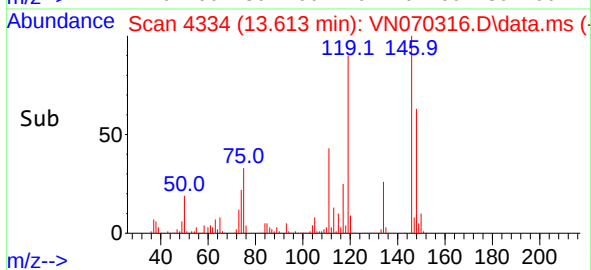
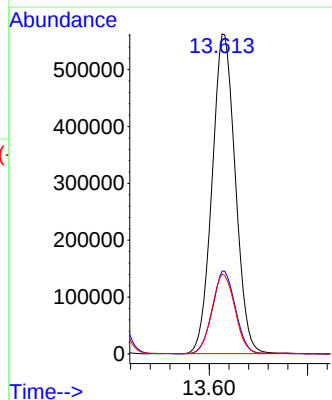
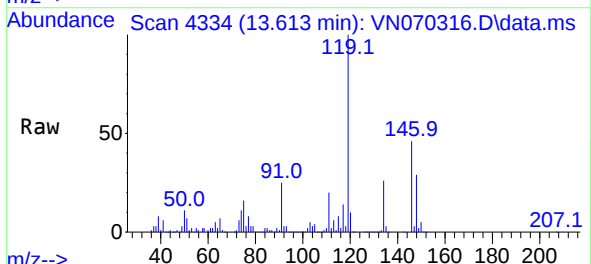
Manual Integrations
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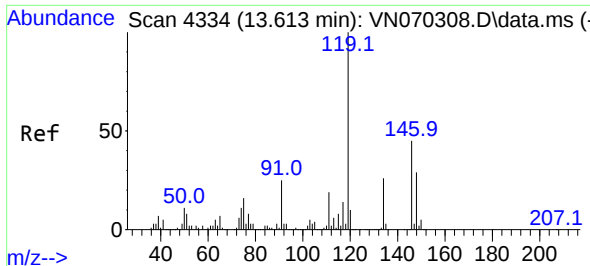
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021



#86
 p-Isopropyltoluene
 Concen: 20.05 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070316.D
 Acq: 27 Dec 2021 18:09

Tgt Ion:119 Resp: 920178
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.7 11.4 34.1





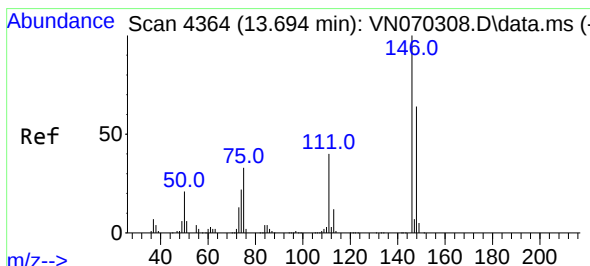
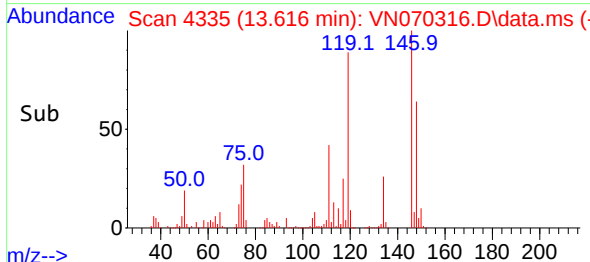
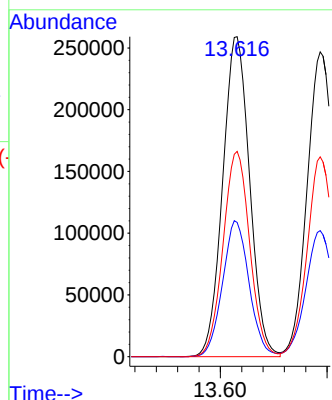
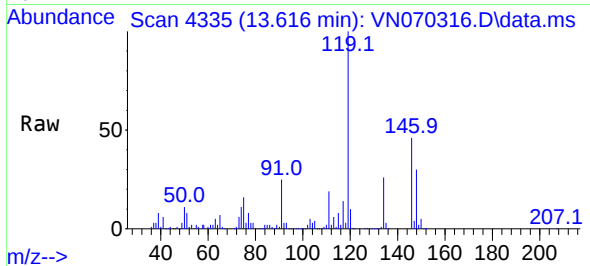
#87
1,3-Dichlorobenzene
Concen: 19.37 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBSD01

Tgt Ion:146 Resp: 453979
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.5 31.6 95.0

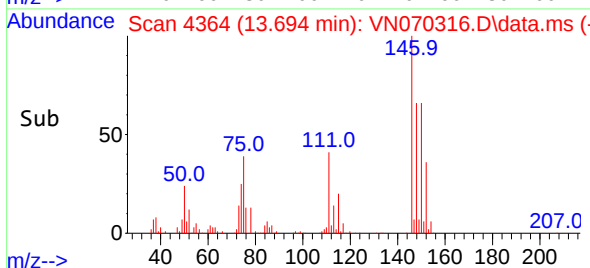
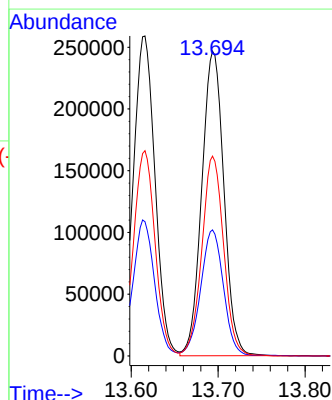
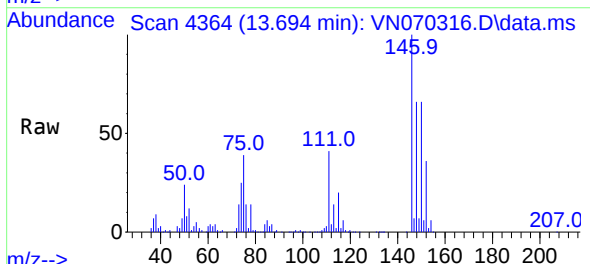
Manual Integrations
APPROVED

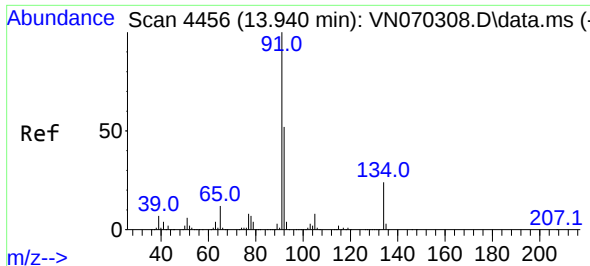
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#88
1,4-Dichlorobenzene
Concen: 18.88 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

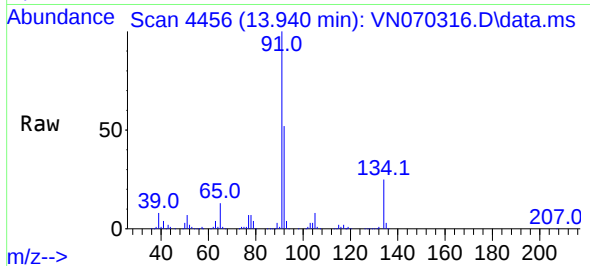
Tgt Ion:146 Resp: 436704
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.56 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

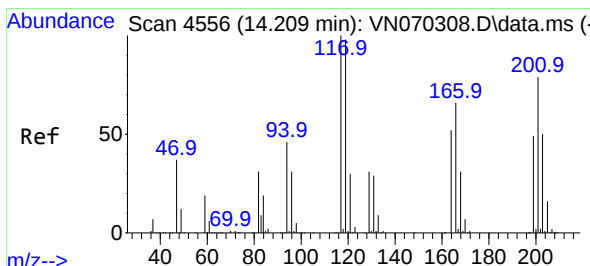
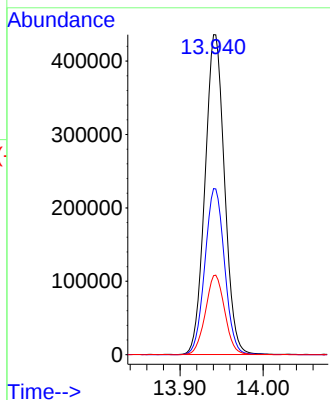
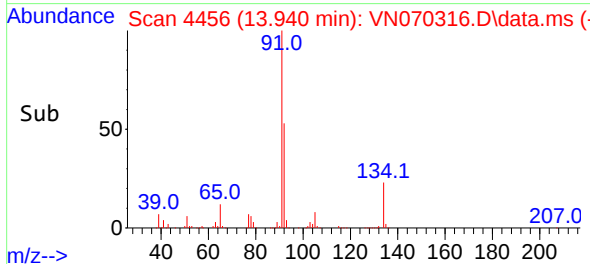
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



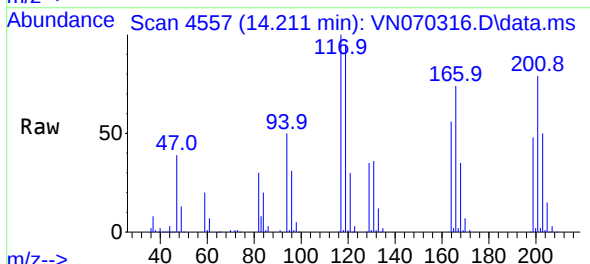
Tgt Ion: 91 Resp: 710488
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 24.6 13.6 40.8

Manual Integrations
APPROVED

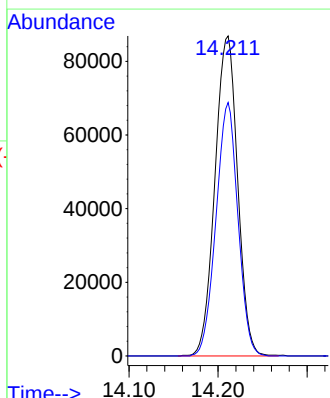
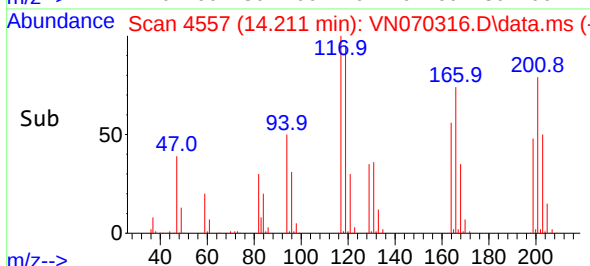
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

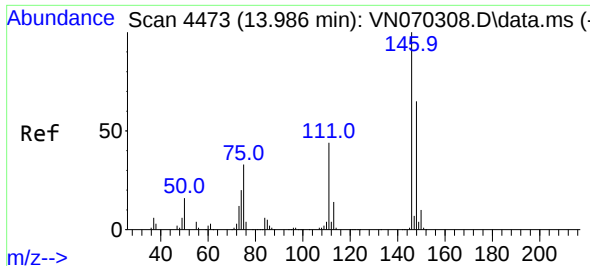


#90
Hexachloroethane
Concen: 19.33 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion:117 Resp: 154155
Ion Ratio Lower Upper
117 100
201 76.4 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 19.10 ug/l

RT: 13.989 min Scan# 4473

Delta R.T. 0.003 min

Lab File: VN070316.D

Acq: 27 Dec 2021 18:09

Instrument :

MSVOA_N

ClientSampleId :

VN1227MBS01

Tgt Ion:146 Resp: 438870

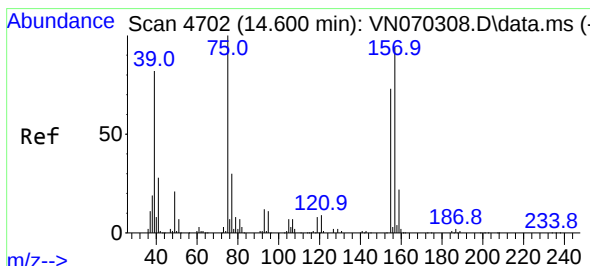
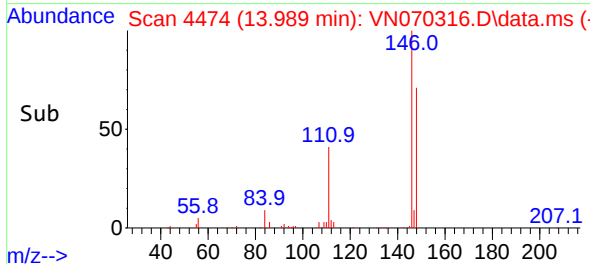
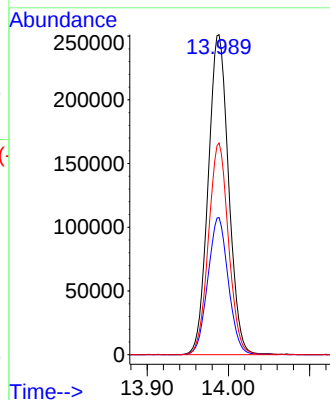
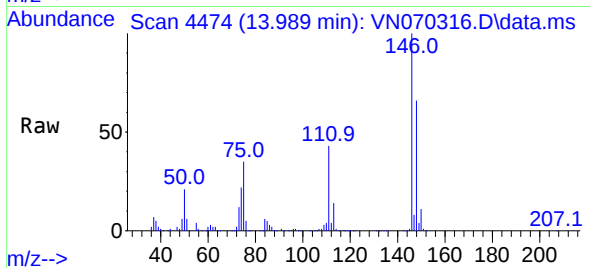
Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.1	57.3
148	65.0	32.1	96.3

Manual Integrations

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Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.10 ug/l

RT: 14.603 min Scan# 4703

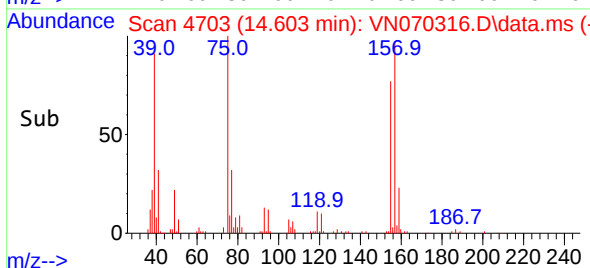
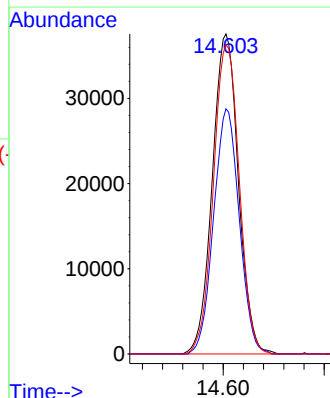
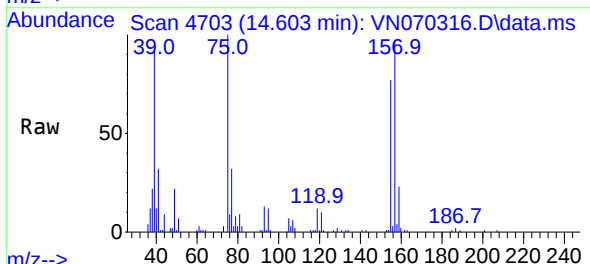
Delta R.T. 0.003 min

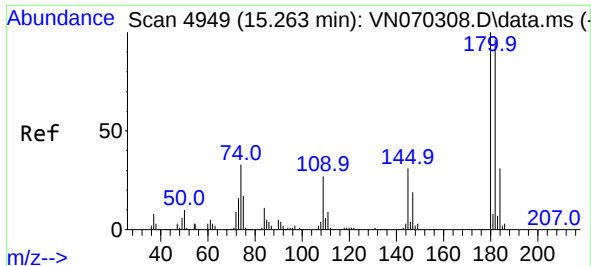
Lab File: VN070316.D

Acq: 27 Dec 2021 18:09

Tgt Ion: 75 Resp: 67473

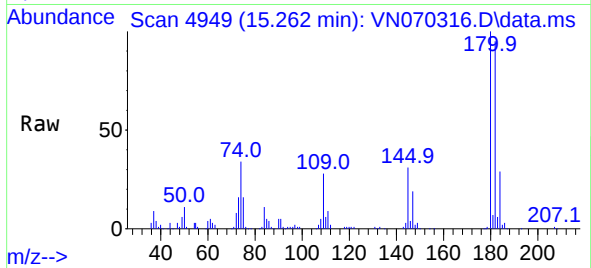
Ion	Ratio	Lower	Upper
75	100		
155	75.3	46.9	140.7
157	95.8	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.57 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

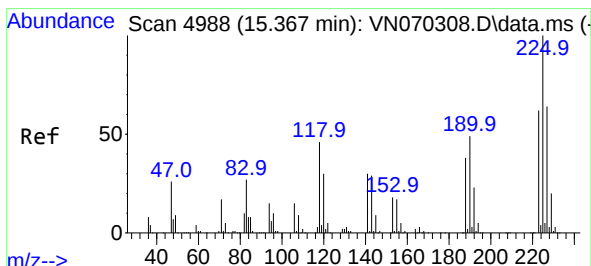
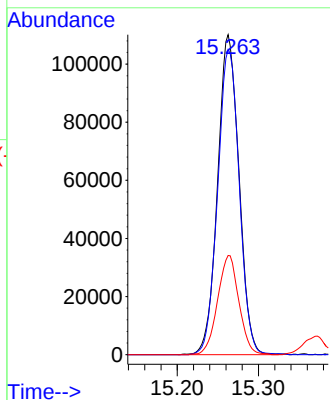
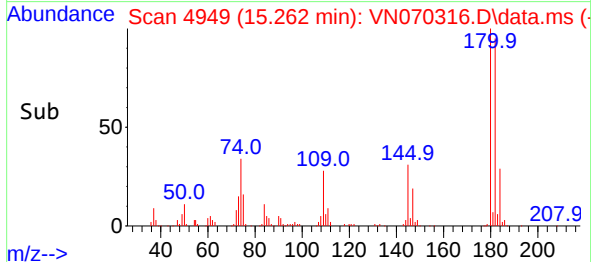
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01



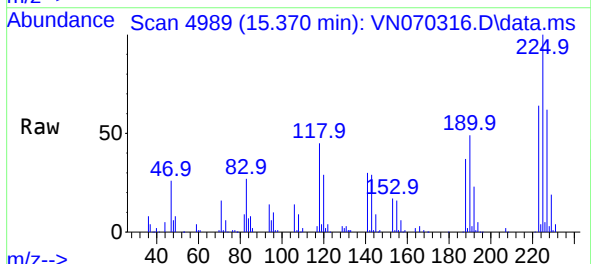
Tgt Ion:180 Resp: 201090
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
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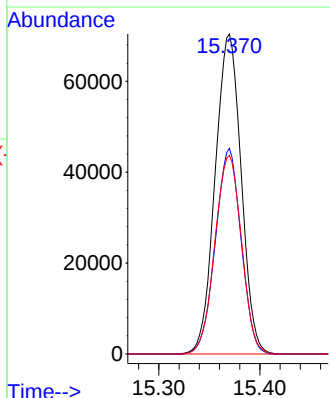
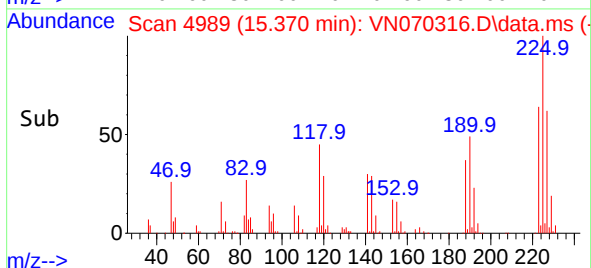
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

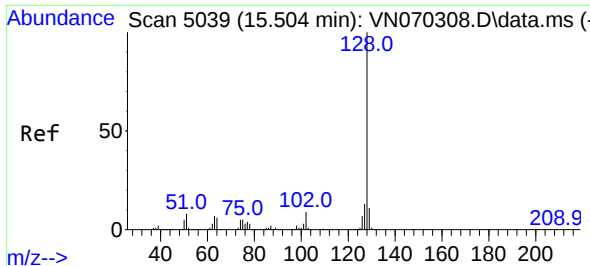


#94
Hexachlorobutadiene
Concen: 20.00 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09



Tgt Ion:225 Resp: 125865
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.4 32.1 96.3





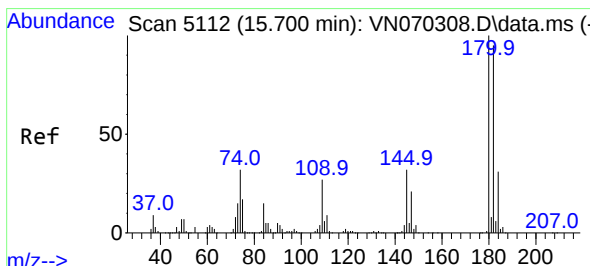
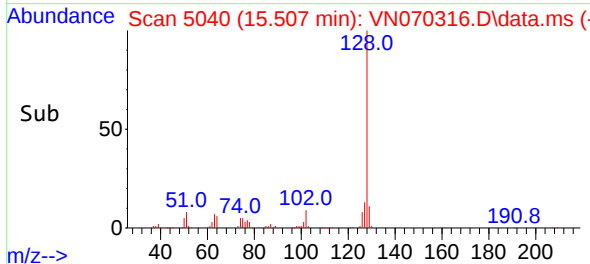
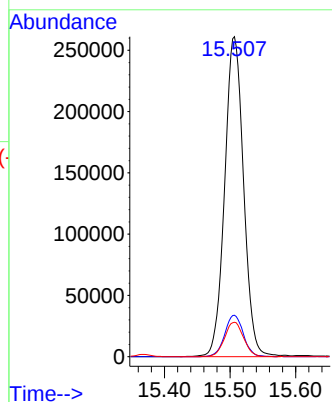
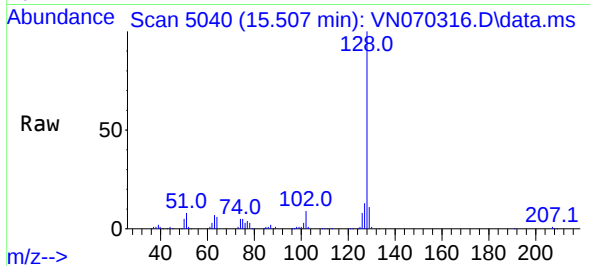
#95
Naphthalene
Concen: 18.64 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBS01

Tgt Ion:128 Resp: 52272
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.60 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070316.D
Acq: 27 Dec 2021 18:09

Tgt Ion:180 Resp: 197738
Ion Ratio Lower Upper
180 100
182 93.0 47.4 142.2
145 32.6 15.0 45.1

