

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070046.D
 Acq On : 13 Dec 2021 22:26
 Operator : JC/MD
 Sample : VN1213WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 07:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	928541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1546681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1428594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	583978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	749553	52.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.560%			
35) Dibromofluoromethane	8.021	113	520808	53.758	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.520%			
50) Toluene-d8	10.440	98	1966604	50.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.731	95	699140	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	205196	18.947	ug/l	100
3) Chloromethane	2.303	50	246812	18.191	ug/l	97
4) Vinyl Chloride	2.445	62	231188	18.531	ug/l	99
5) Bromomethane	2.848	94	124440	18.360	ug/l	97
6) Chloroethane	3.014	64	139620	18.263	ug/l	96
7) Trichlorofluoromethane	3.373	101	301241	18.398	ug/l	97
8) Diethyl Ether	3.824	74	127233	20.175	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	179977	19.609	ug/l	96
10) Methyl Iodide	4.419	142	234041	18.665	ug/l	98
11) Tert butyl alcohol	5.382	59	241685	89.183	ug/l	97
12) 1,1-Dichloroethene	4.178	96	169075	19.116	ug/l	87
13) Acrolein	4.041	56	207390	89.865	ug/l	99
14) Allyl chloride	4.840	41	399588	20.049	ug/l	92
15) Acrylonitrile	5.554	53	705500	96.612	ug/l	99
16) Acetone	4.288	43	706989	81.978	ug/l	98
17) Carbon Disulfide	4.524	76	463627	20.290	ug/l	100
18) Methyl Acetate	4.856	43	495952	19.052	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	666079	19.368	ug/l	96
20) Methylene Chloride	5.095	84	221581	19.327	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	182229	18.969	ug/l #	82
22) Diisopropyl ether	6.495	45	807755	20.735	ug/l #	95
23) Vinyl Acetate	6.433	43	3180172	100.345	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	411001	20.368	ug/l	98
25) 2-Butanone	7.337	43	1056050	90.124	ug/l	91
26) 2,2-Dichloropropane	7.324	77	283590	18.075	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	224371	19.331	ug/l	86
28) Bromochloromethane	7.656	49	238308	22.710	ug/l #	77
29) Tetrahydrofuran	7.686	42	682041	95.856	ug/l	88
30) Chloroform	7.817	83	415229	20.375	ug/l	100
31) Cyclohexane	8.094	56	379410	19.016	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	350483	20.190	ug/l	94
36) 1,1-Dichloropropene	8.220	75	288303	19.581	ug/l	96
37) Ethyl Acetate	7.412	43	393969	17.977	ug/l	95
38) Carbon Tetrachloride	8.204	117	301914	20.910	ug/l	99
39) Methylcyclohexane	9.459	83	320181	18.282	ug/l	89
40) Benzene	8.458	78	889278	19.759	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212509	20.657	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	361331	19.889	ug/l	96
43) Isopropyl Acetate	8.563	43	621344	19.159	ug/l #	94
44) Trichloroethene	9.215	130	202425	18.845	ug/l	89
45) 1,2-Dichloropropane	9.488	63	243514	20.149	ug/l	96
46) Dibromomethane	9.577	93	160210	20.213	ug/l	93
47) Bromodichloromethane	9.762	83	336421	22.418	ug/l	96
48) Methyl methacrylate	9.561	41	290463	19.192	ug/l	88
49) 1,4-Dioxane	9.569	88	97510	359.077	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2113072	100.439	ug/l	94
52) Toluene	10.505	92	540094	19.657	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	323441	19.710	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	355799	20.028	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	223530	20.163	ug/l	97
56) Ethyl methacrylate	10.759	69	353517	18.409	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	387296	19.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	441830	90.852	ug/l	89
59) 2-Hexanone	11.084	43	1494967	93.935	ug/l	92
60) Dibromochloromethane	11.237	129	240626	21.671	ug/l	99
61) 1,2-Dibromoethane	11.344	107	220495	19.202	ug/l	98
64) Tetrachloroethene	10.977	164	181120	18.698	ug/l	95
65) Chlorobenzene	11.771	112	560300	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	217583	21.330	ug/l	100
67) Ethyl Benzene	11.843	91	1036468	19.688	ug/l	95
68) m/p-Xylenes	11.953	106	759419	39.618	ug/l	92
69) o-Xylene	12.280	106	372078	19.271	ug/l	90
70) Styrene	12.294	104	616403	20.133	ug/l	95
71) Bromoform	12.457	173	181349	22.381	ug/l #	99
73) Isopropylbenzene	12.578	105	988166	19.019	ug/l	97
74) N-amyl acetate	12.387	43	421002	18.322	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	357988	19.925	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	336771m	20.109	ug/l	
77) Bromobenzene	12.859	156	234441	19.210	ug/l	78
78) n-propylbenzene	12.921	91	1100563	19.035	ug/l	95
79) 2-Chlorotoluene	13.007	91	698778	19.127	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	799257	19.112	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	92387	20.649	ug/l	94
82) 4-Chlorotoluene	13.106	91	659659	19.200	ug/l	92
83) tert-Butylbenzene	13.323	119	690416	18.645	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	780369	19.594	ug/l	97
85) sec-Butylbenzene	13.500	105	940073	18.716	ug/l	98
86) p-Isopropyltoluene	13.616	119	740171	18.852	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	387269	19.316	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	366853	18.619	ug/l	95
89) n-Butylbenzene	13.943	91	574293	18.032	ug/l	97
90) Hexachloroethane	14.209	117	150089	21.774	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	374491	19.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66546	20.497	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	164047	19.014	ug/l	98
94) Hexachlorobutadiene	15.370	225	101568	19.618	ug/l	99
95) Naphthalene	15.507	128	446247	18.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	162667	19.007	ug/l	97

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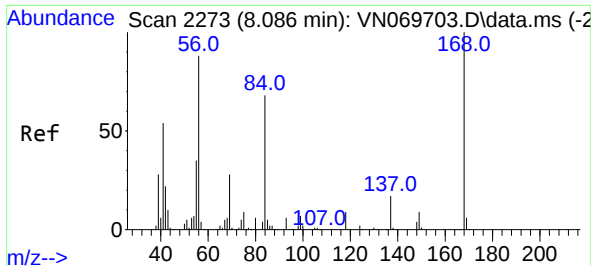
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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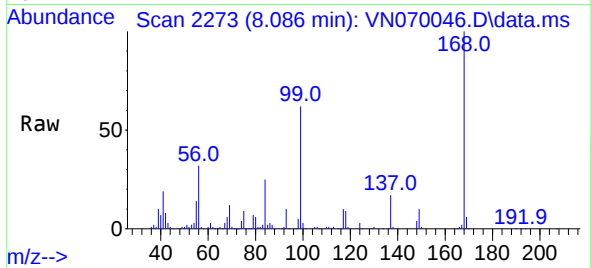
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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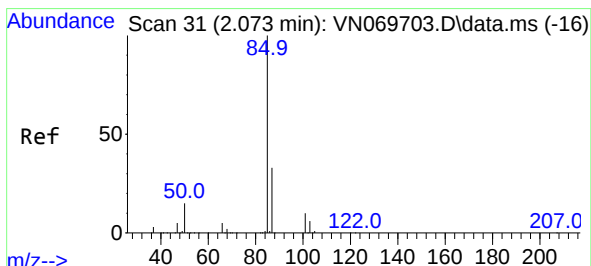
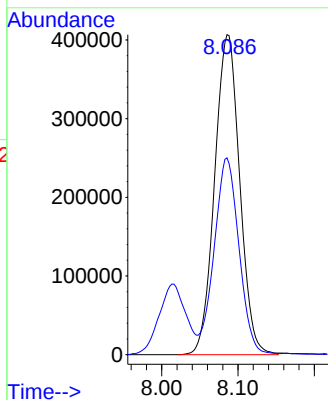
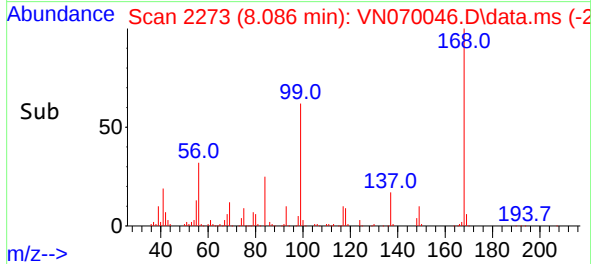
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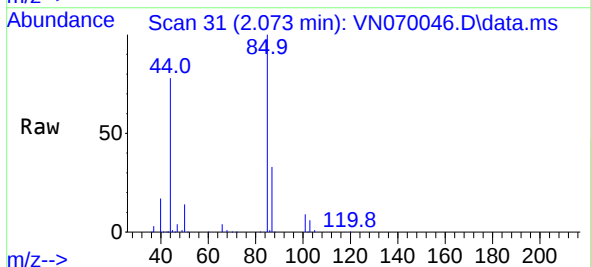
Tgt Ion:168 Resp: 92854
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

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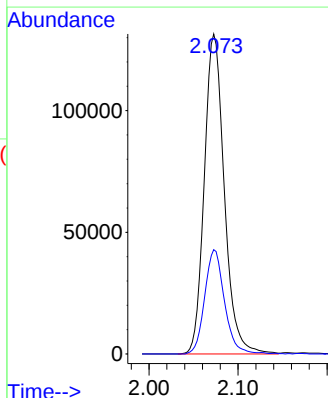
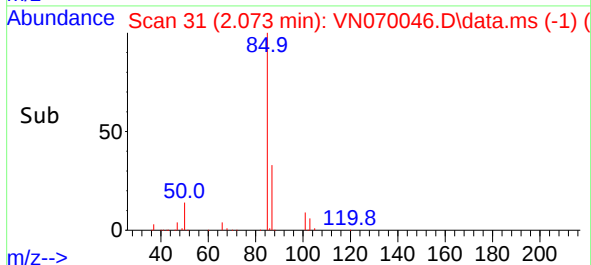
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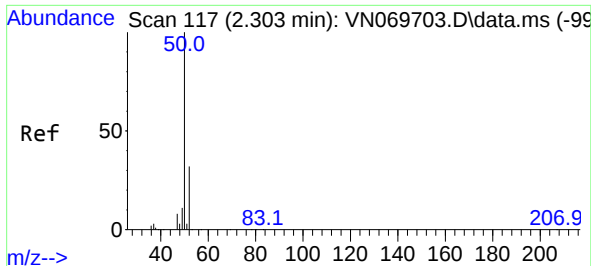


#2
Dichlorodifluoromethane
Concen: 18.947 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



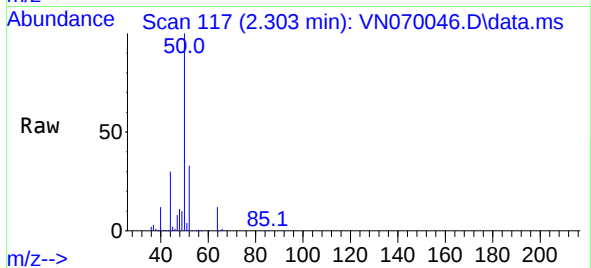
Tgt Ion: 85 Resp: 205196
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 18.191 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

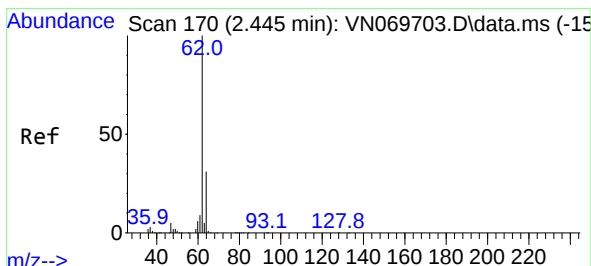
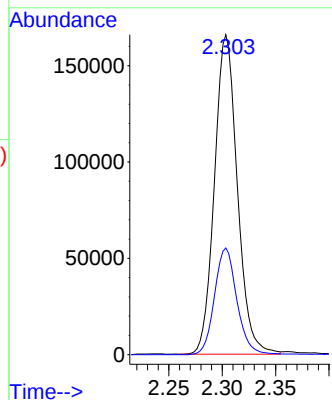
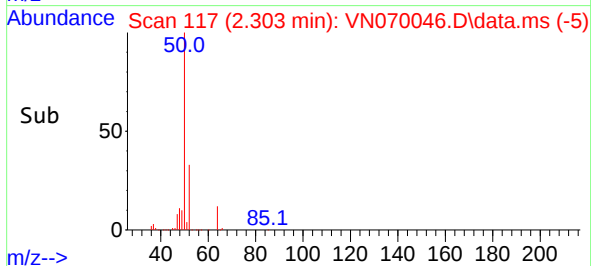
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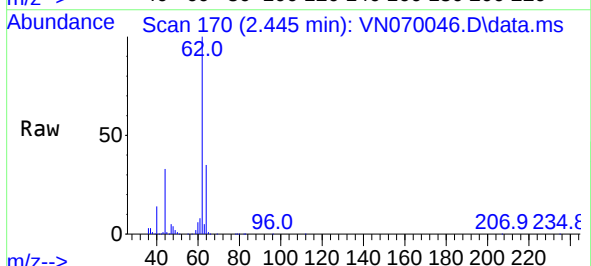
Tgt Ion: 50 Resp: 246812
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

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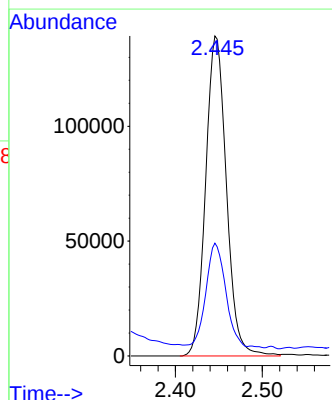
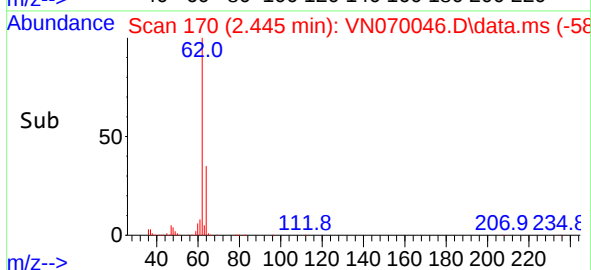
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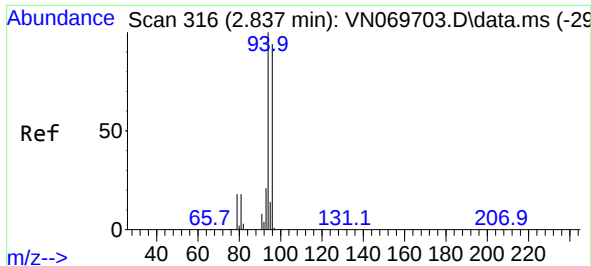


#4
Vinyl Chloride
Concen: 18.531 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



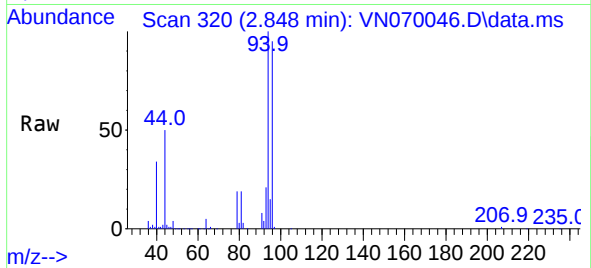
Tgt Ion: 62 Resp: 231188
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 18.360 ug/l
RT: 2.848 min Scan# 316
Delta R.T. 0.011 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

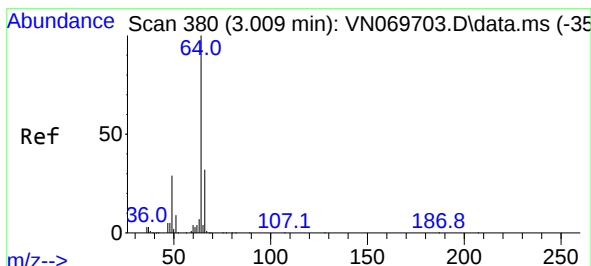
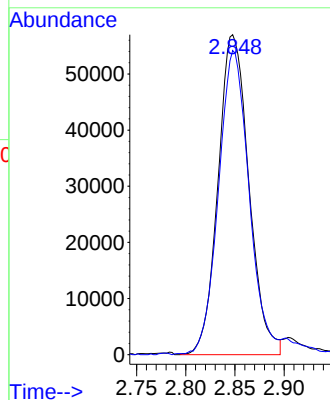
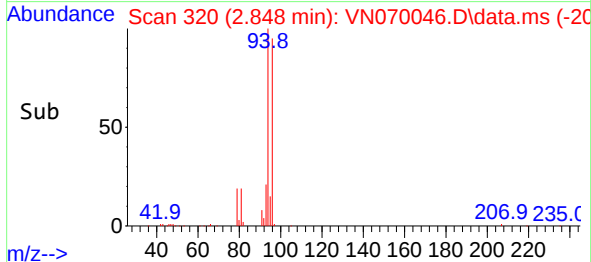
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Tgt Ion: 94 Resp: 124440
Ion Ratio Lower Upper
94 100
96 94.7 73.8 110.8

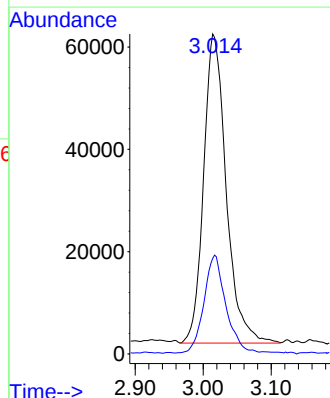
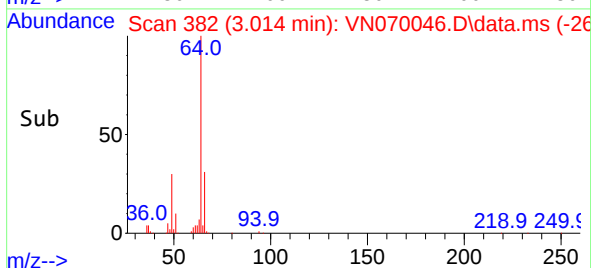
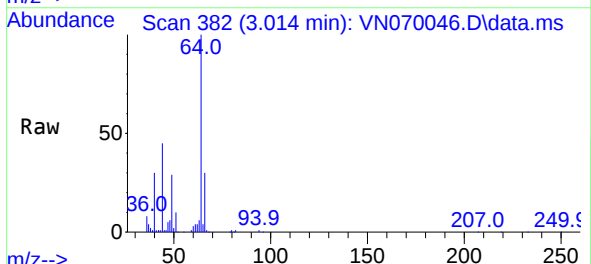
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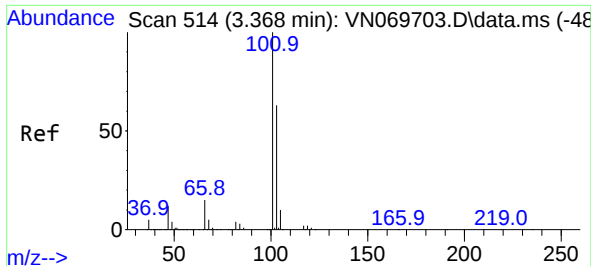
Reviewed By :John Carlone 12/14/2021
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#6
Chloroethane
Concen: 18.263 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
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Tgt Ion: 64 Resp: 139620
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





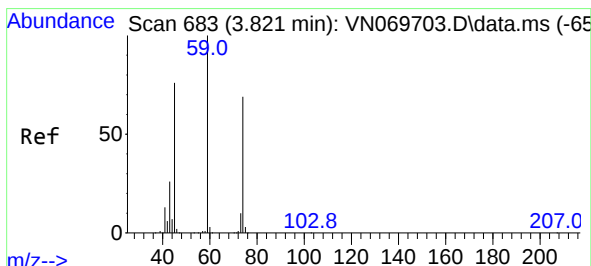
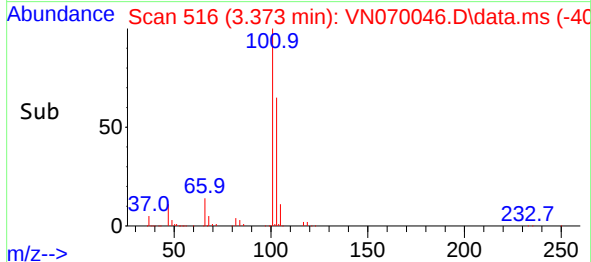
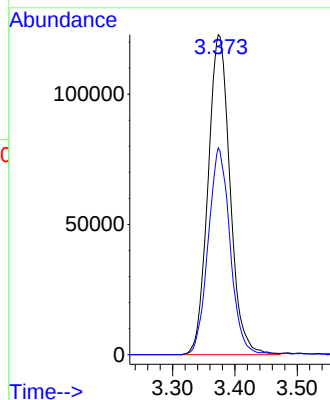
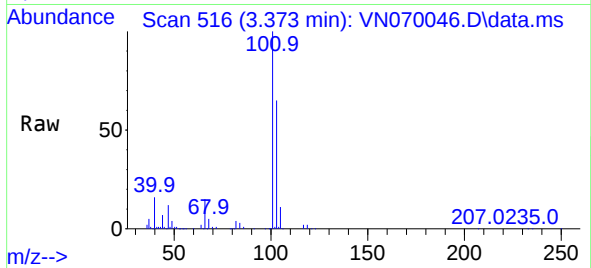
#7
Trichlorofluoromethane
Concen: 18.398 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

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Tgt Ion:101 Resp: 30124
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

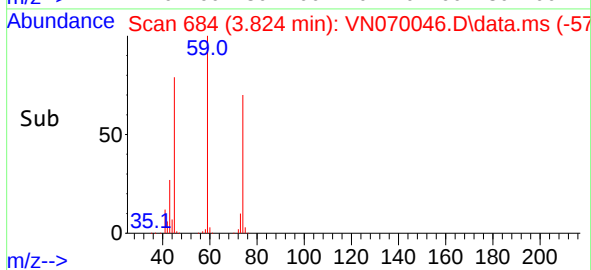
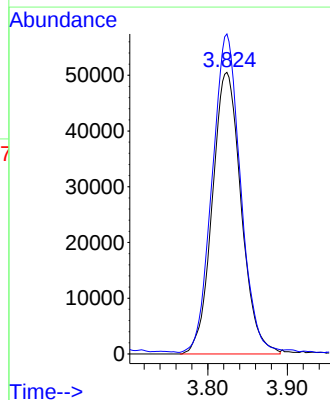
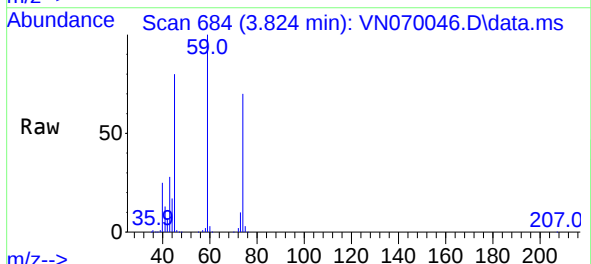
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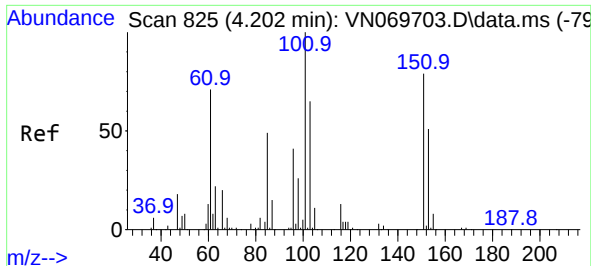
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 20.175 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 127233
Ion Ratio Lower Upper
74 100
45 110.5 47.0 141.2





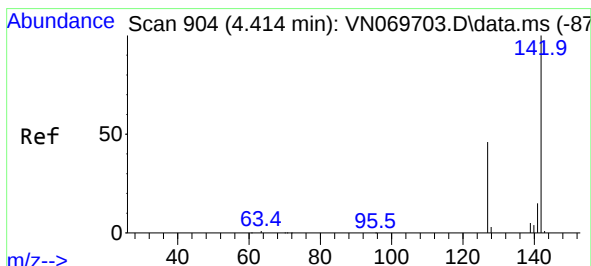
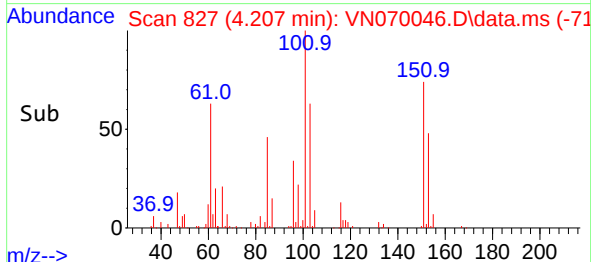
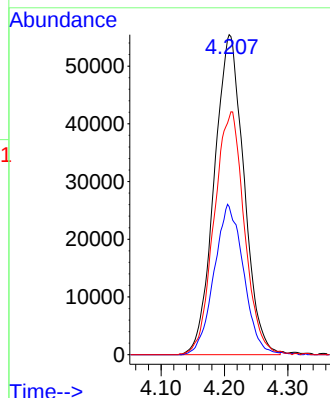
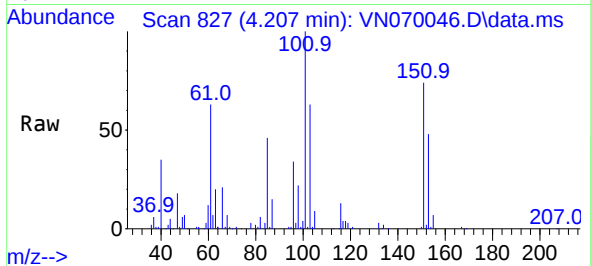
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.609 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion:101 Resp: 17997
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 77.7 65.9 98.9

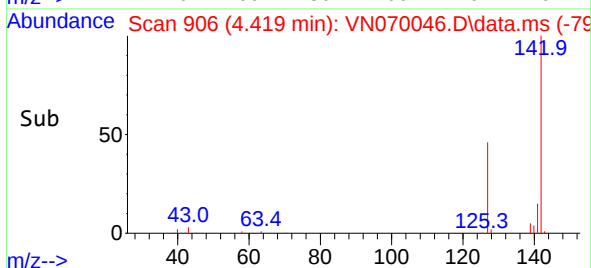
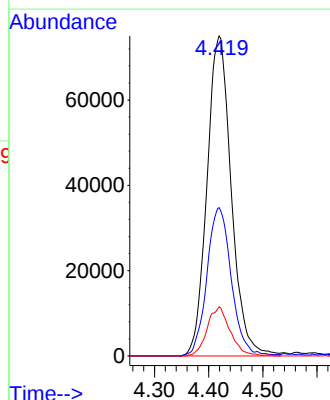
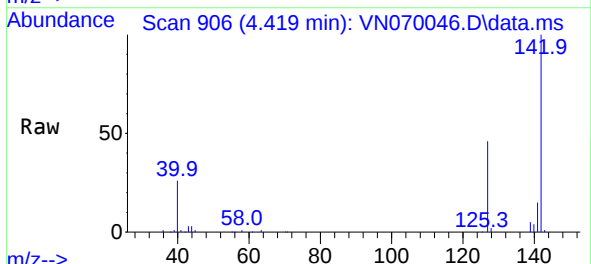
Manual Integrations
APPROVED

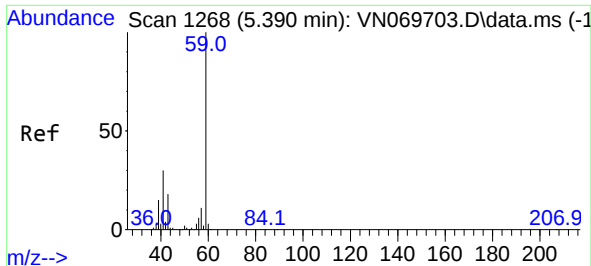
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 18.665 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

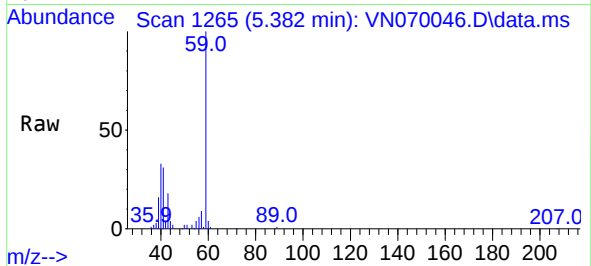
Tgt Ion:142 Resp: 234041
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.183 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

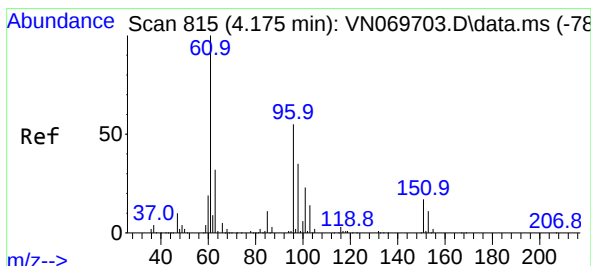
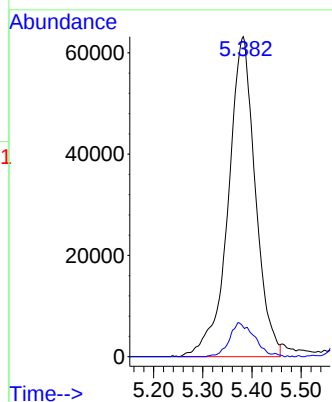
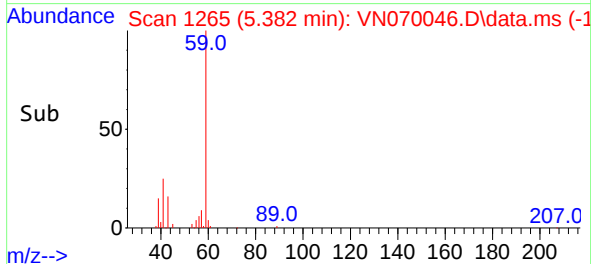
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



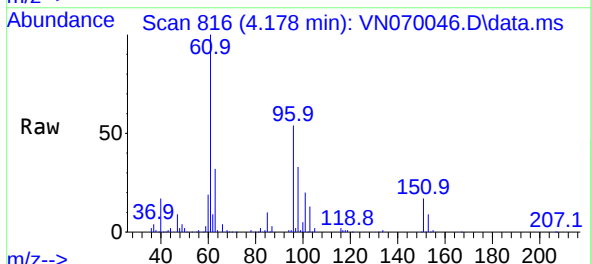
Tgt Ion: 59 Resp: 24168
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

Manual Integrations
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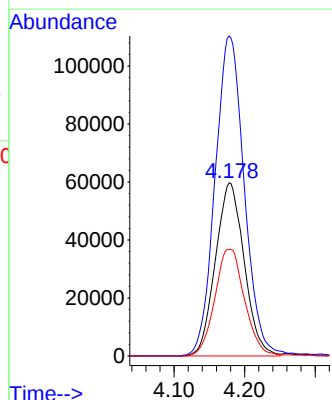
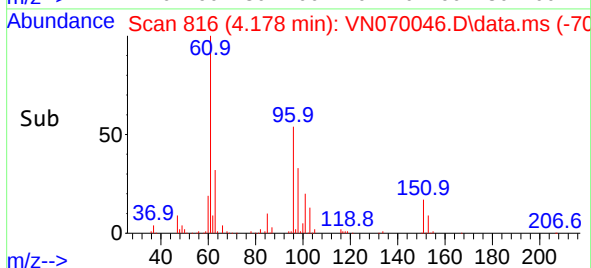
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

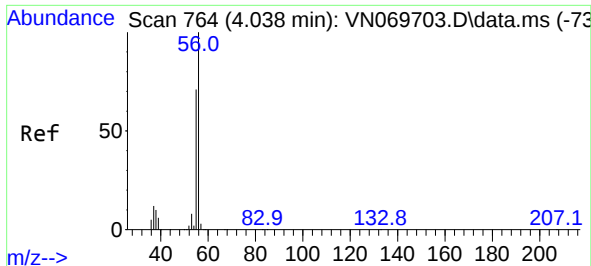


#12
1,1-Dichloroethene
Concen: 19.116 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



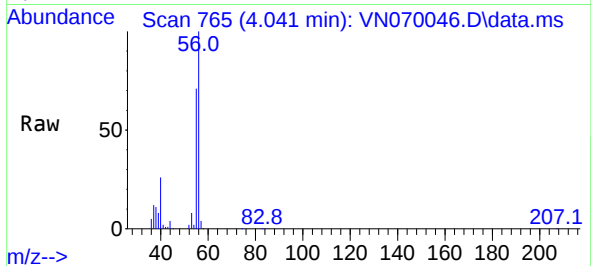
Tgt Ion: 96 Resp: 169075
Ion Ratio Lower Upper
96 100
61 184.9 131.0 196.6
98 61.5 52.4 78.6





#13
Acrolein
Concen: 89.865 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

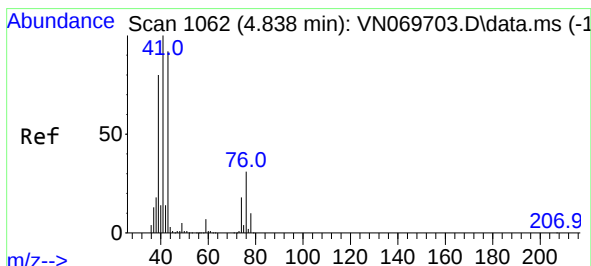
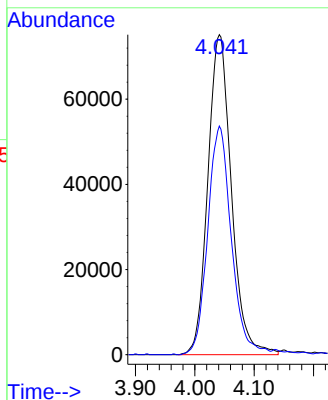
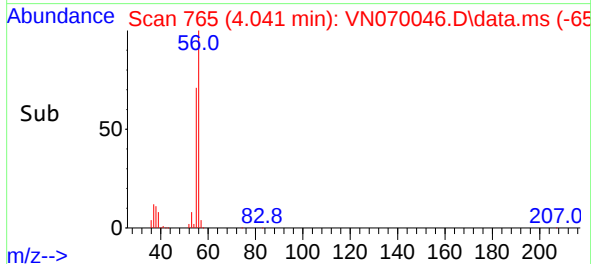
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



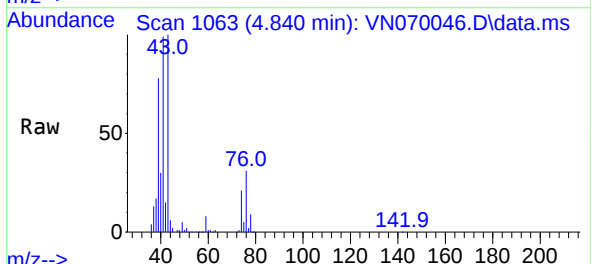
Tgt Ion: 56 Resp: 207390
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
APPROVED

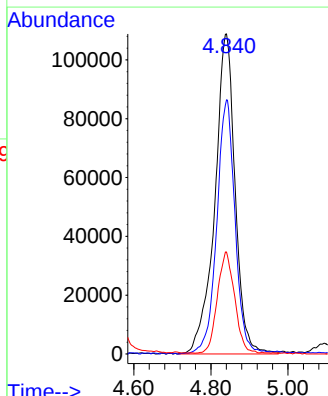
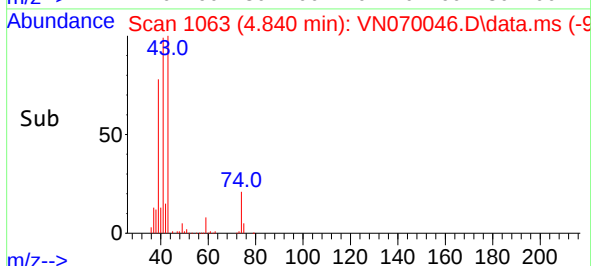
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

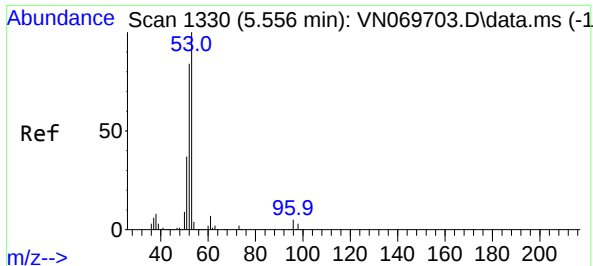


#14
Allyl chloride
Concen: 20.049 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



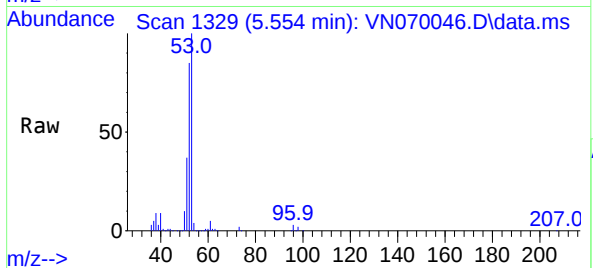
Tgt Ion: 41 Resp: 399588
Ion Ratio Lower Upper
41 100
39 70.3 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 96.612 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

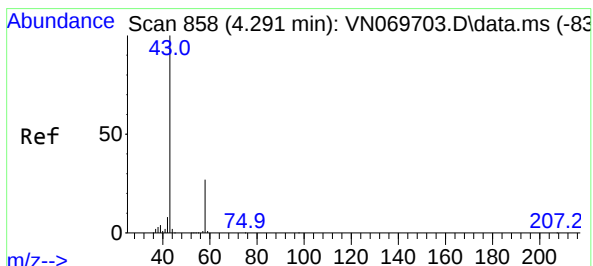
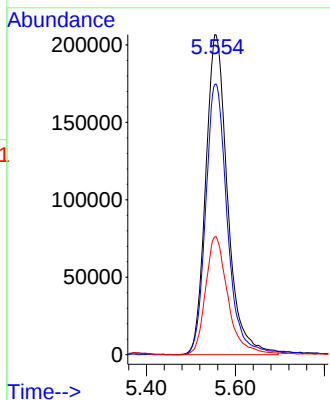
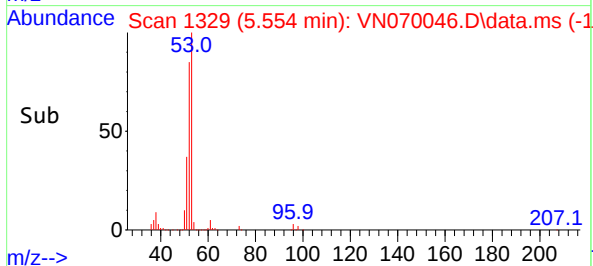
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



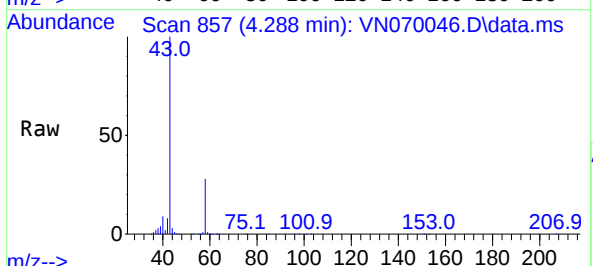
Tgt Ion: 53 Resp: 705500
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 37.9 29.6 44.4

Manual Integrations
APPROVED

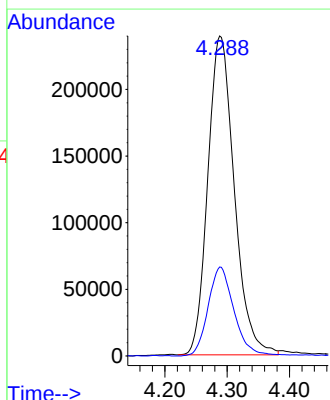
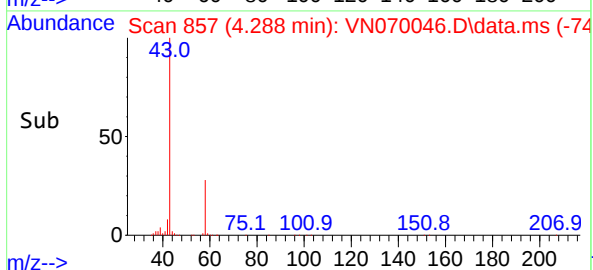
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

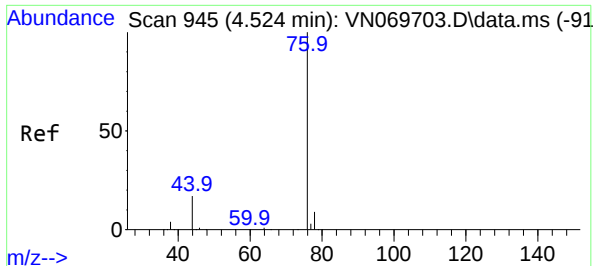


#16
Acetone
Concen: 81.978 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



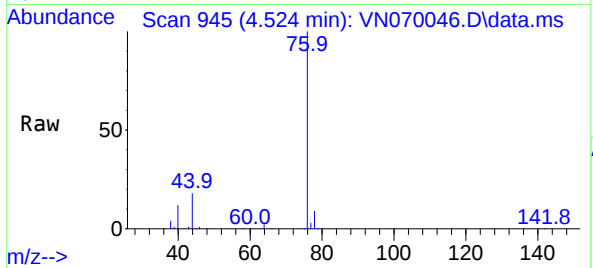
Tgt Ion: 43 Resp: 706989
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#17
Carbon Disulfide
Concen: 20.290 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

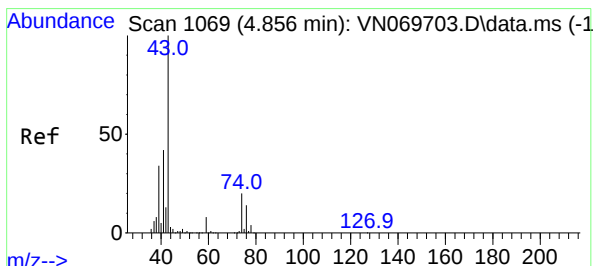
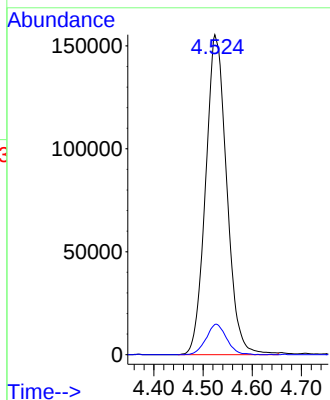
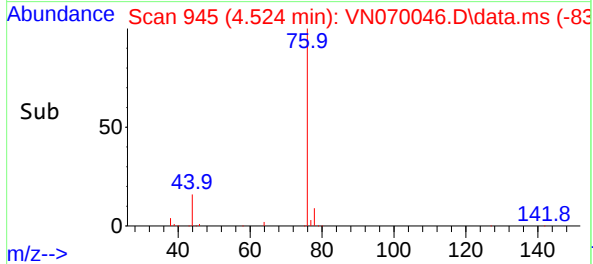
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



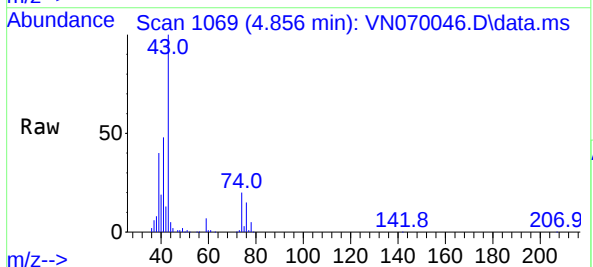
Tgt Ion: 76 Resp: 46362
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

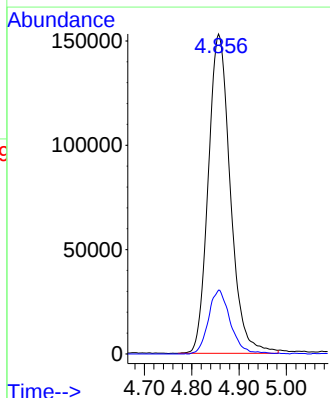
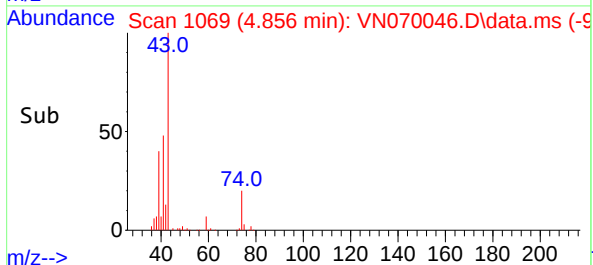
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

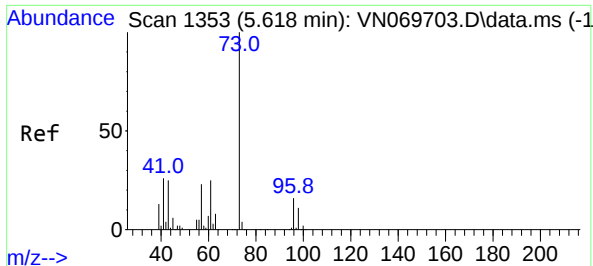


#18
Methyl Acetate
Concen: 19.052 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 43 Resp: 495952
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2





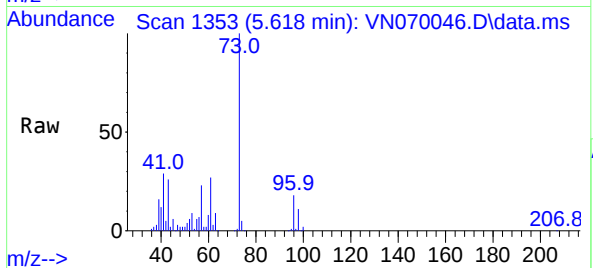
#19
Methyl tert-butyl Ether
Concen: 19.368 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

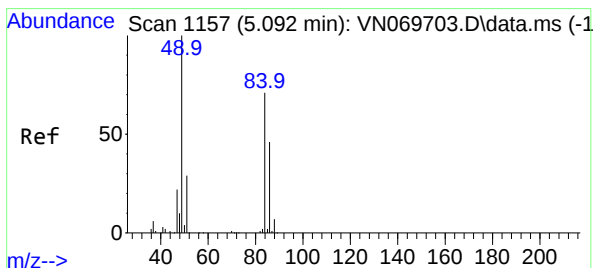
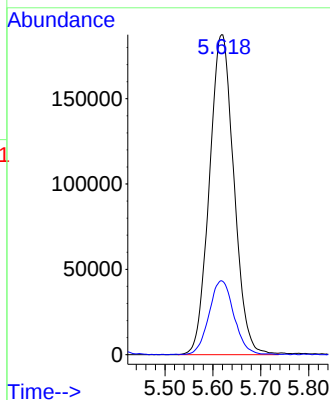
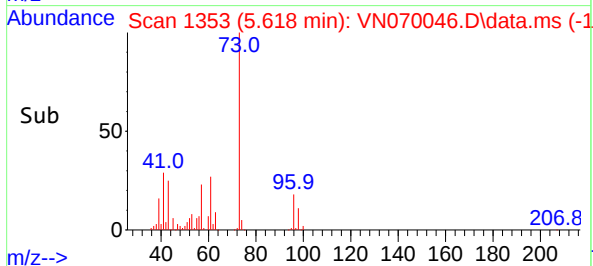


Tgt Ion: 73 Resp: 666079
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

Manual Integrations

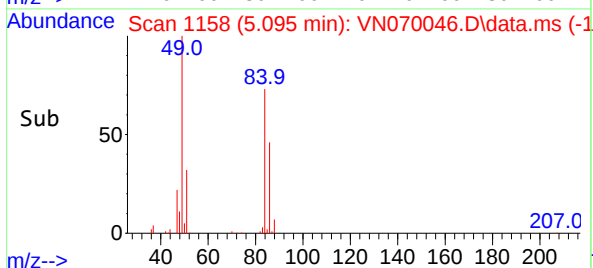
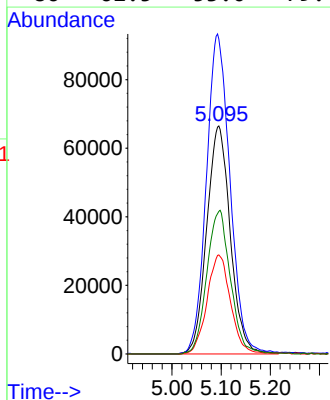
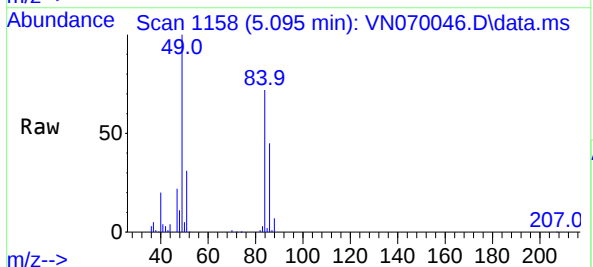
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#20
Methylene Chloride
Concen: 19.327 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

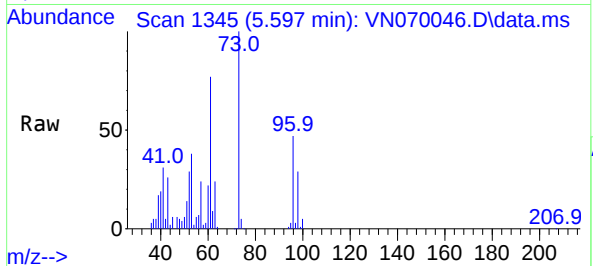
Tgt Ion: 84 Resp: 221581
Ion Ratio Lower Upper
84 100
49 138.1 93.5 140.3
51 43.4 29.4 44.2
86 62.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.969 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

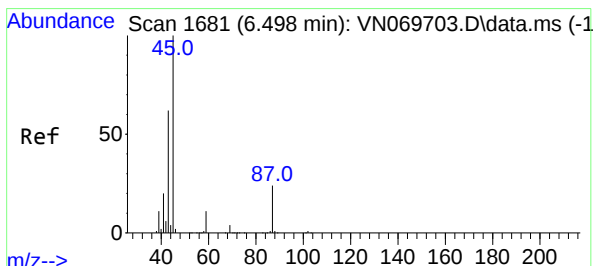
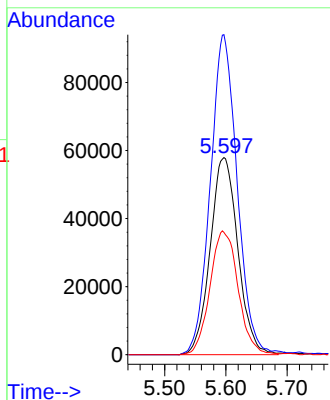
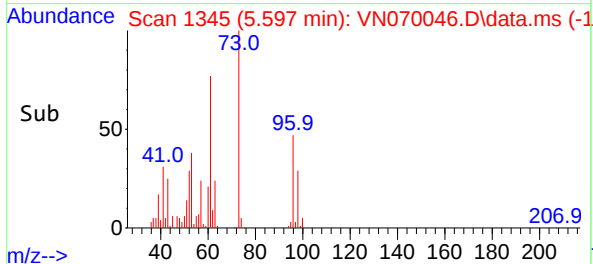
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



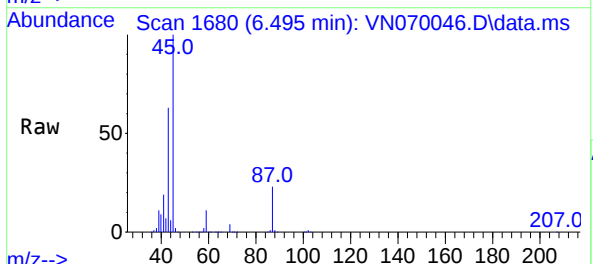
Tgt Ion: 96 Resp: 182229
Ion Ratio Lower Upper
96 100
61 162.4 105.8 158.6
98 62.0 52.0 78.0

Manual Integrations
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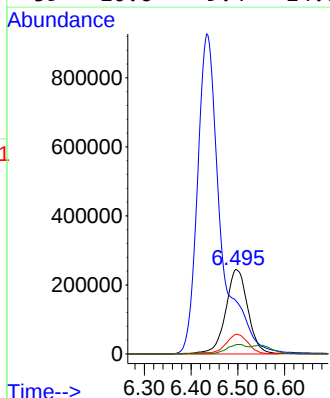
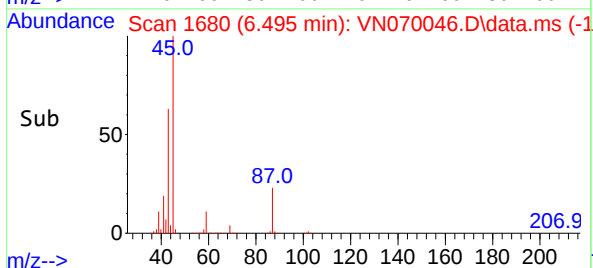
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

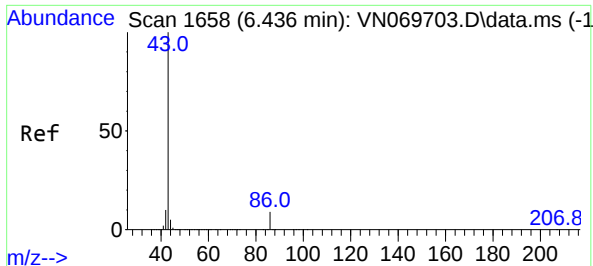


#22
Diisopropyl ether
Concen: 20.735 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 45 Resp: 807755
Ion Ratio Lower Upper
45 100
43 62.1 51.7 77.5
87 23.0 23.2 34.8
59 10.6 9.4 14.0





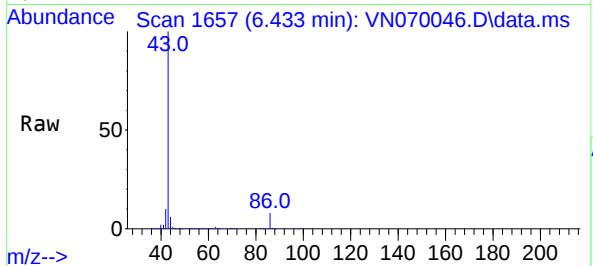
#23
 Vinyl Acetate
 Concen: 100.345 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

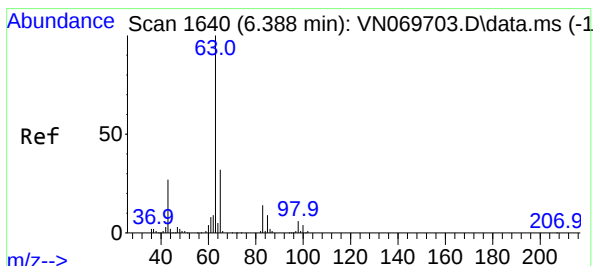
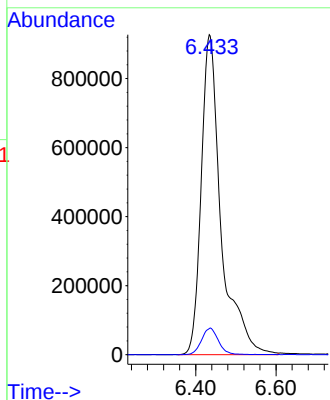
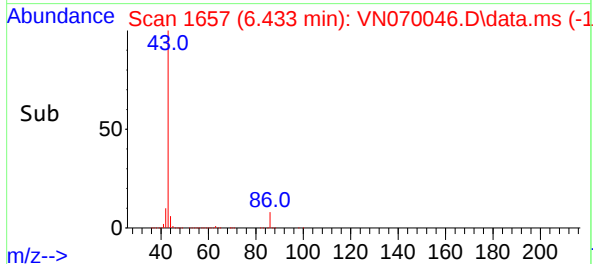


Tgt Ion: 43 Resp: 318017
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

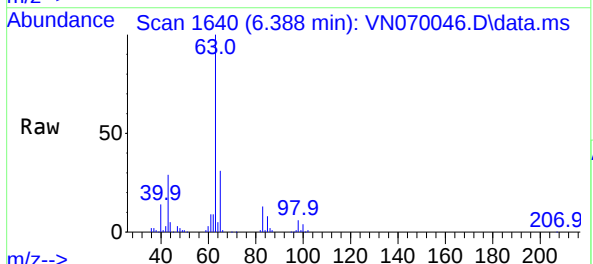
Manual Integrations

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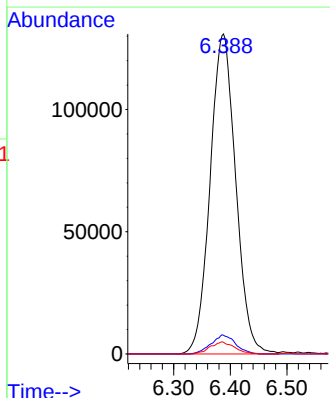
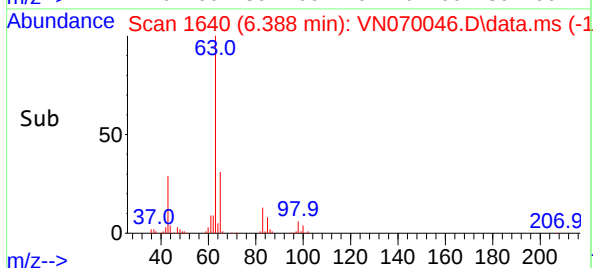
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 20.368 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26



Tgt Ion: 63 Resp: 411001
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 90.124 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070046.D

Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

Tgt Ion: 43 Resp: 1056050

Ion Ratio Lower Upper

43 100

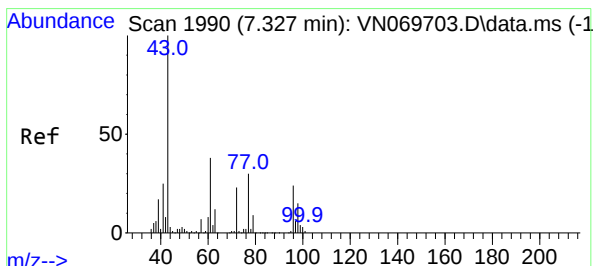
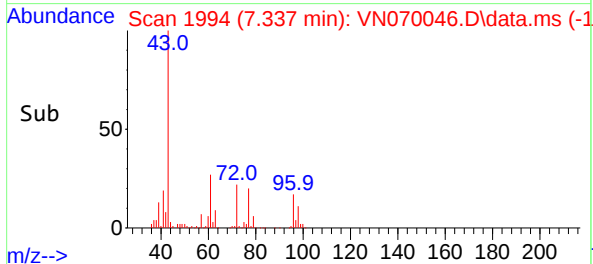
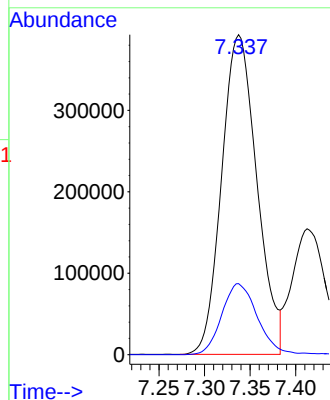
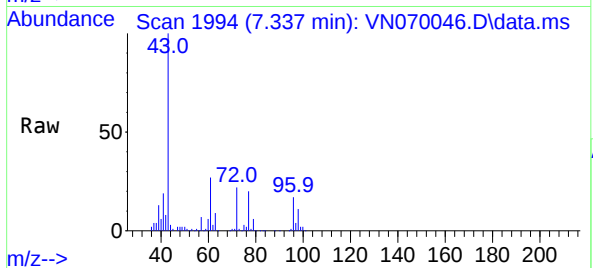
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#26

2,2-Dichloropropane

Concen: 18.075 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070046.D

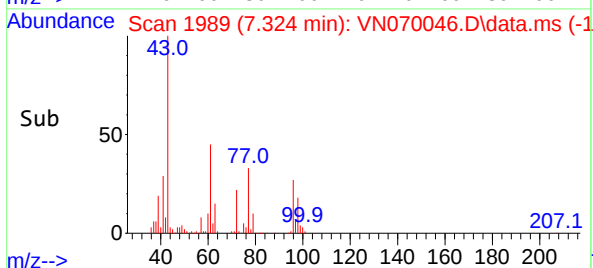
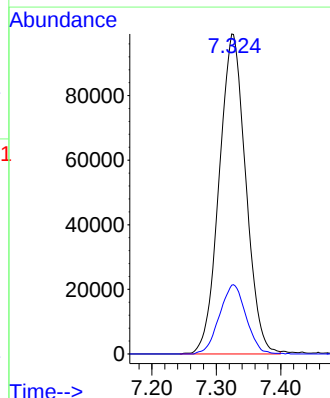
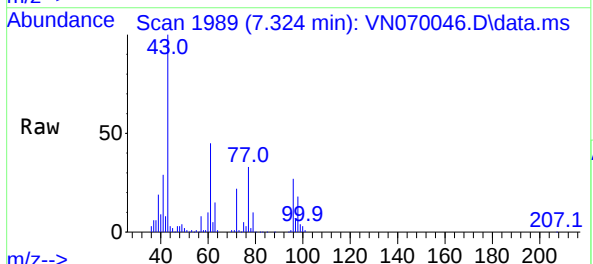
Acq: 13 Dec 2021 22:26

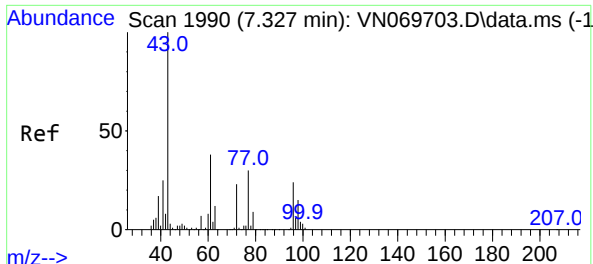
Tgt Ion: 77 Resp: 283590

Ion Ratio Lower Upper

77 100

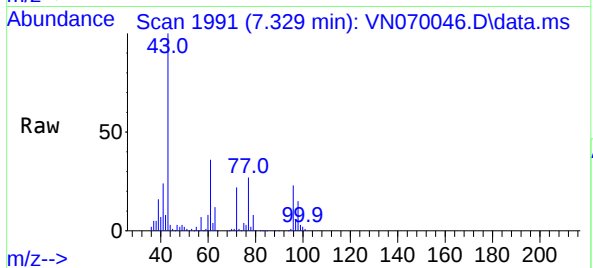
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.331 ug/l
 RT: 7.329 min Scan# 1990
 Delta R.T. 0.003 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

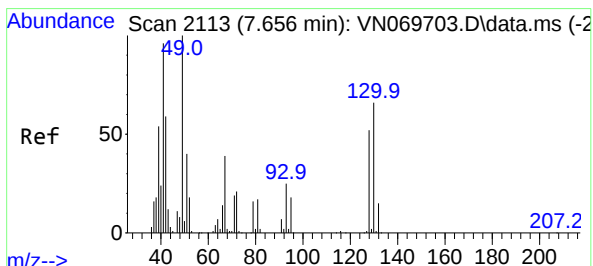
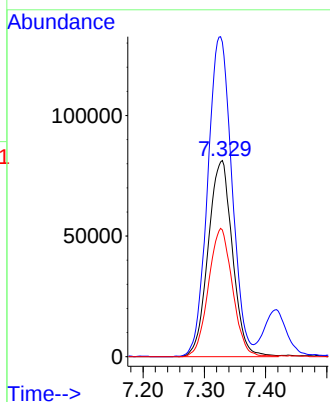
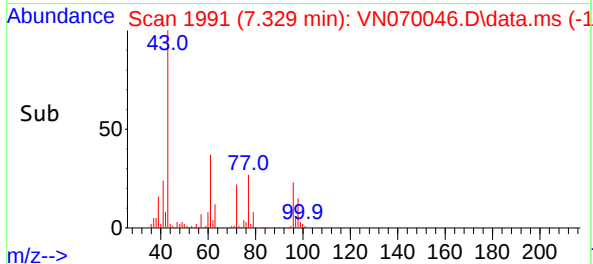
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD02



Tgt Ion: 96 Resp: 22437
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 275.0
 98 64.7 0.0 129.6

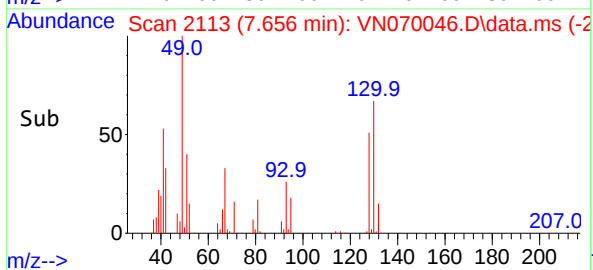
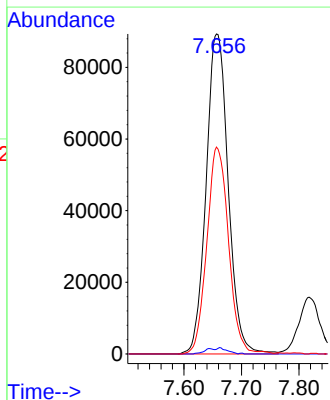
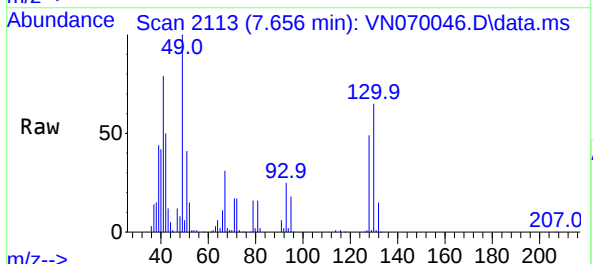
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#28
 Bromochloromethane
 Concen: 22.710 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

Tgt Ion: 49 Resp: 238308
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 63.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 95.856 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070046.D

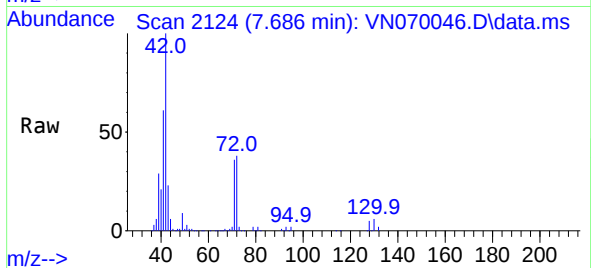
Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02



Tgt Ion: 42 Resp: 68204

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

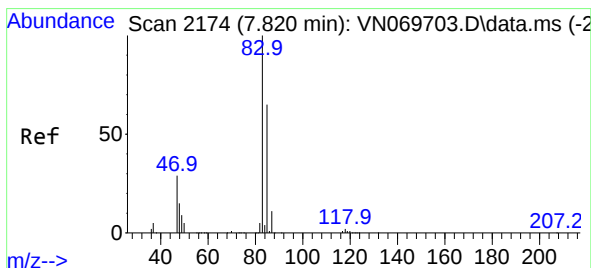
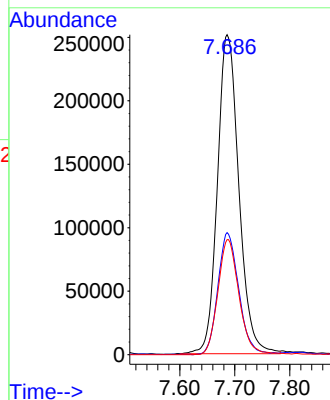
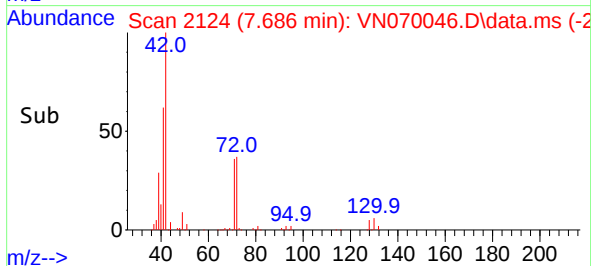
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#30

Chloroform

Concen: 20.375 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070046.D

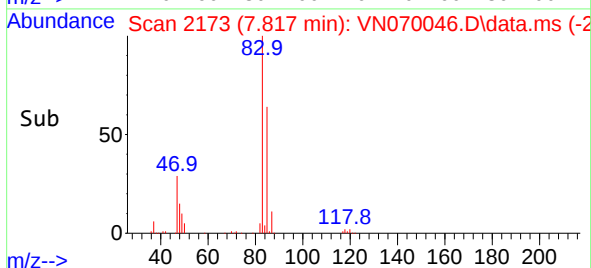
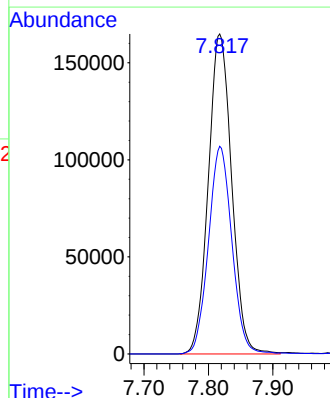
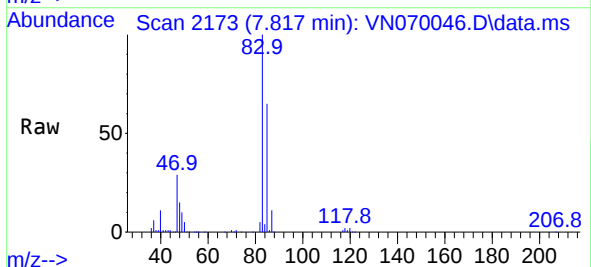
Acq: 13 Dec 2021 22:26

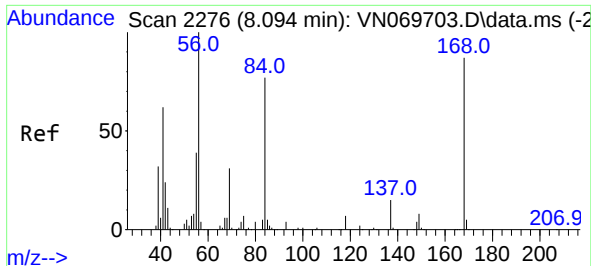
Tgt Ion: 83 Resp: 415229

Ion Ratio Lower Upper

83 100

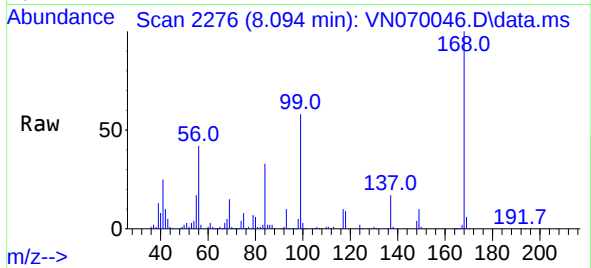
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 19.016 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

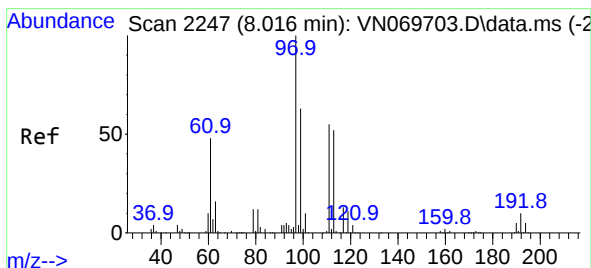
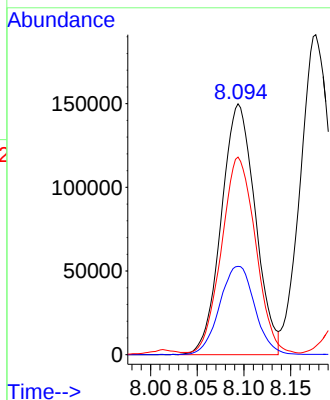
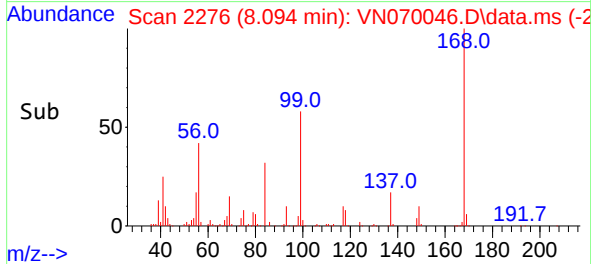
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



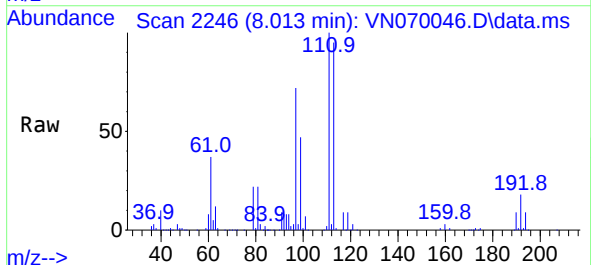
Tgt Ion: 56 Resp: 379410
Ion Ratio Lower Upper
56 100
69 35.2 27.1 40.7
84 77.7 73.4 110.0

Manual Integrations
APPROVED

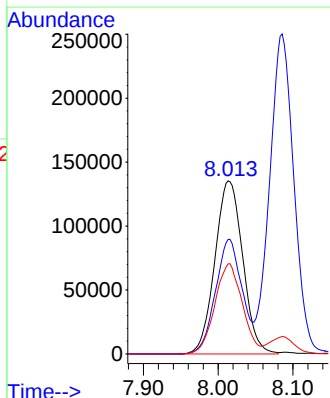
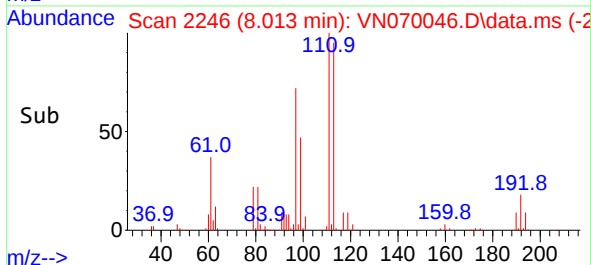
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

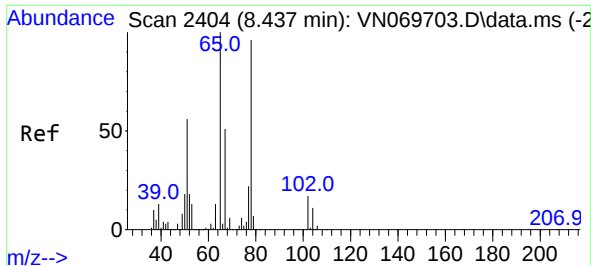


#32
1,1,1-Trichloroethane
Concen: 20.190 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 97 Resp: 350483
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 51.6 35.2 52.8





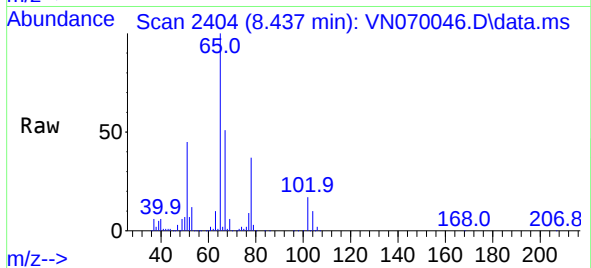
#33
 1,2-Dichloroethane-d4
 Concen: 52.282 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

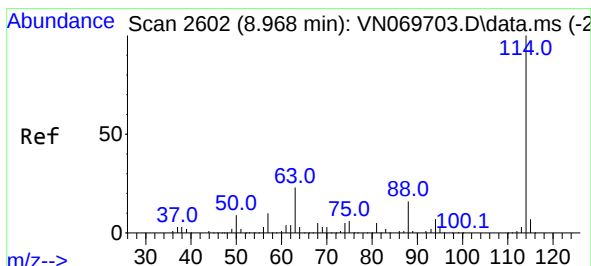
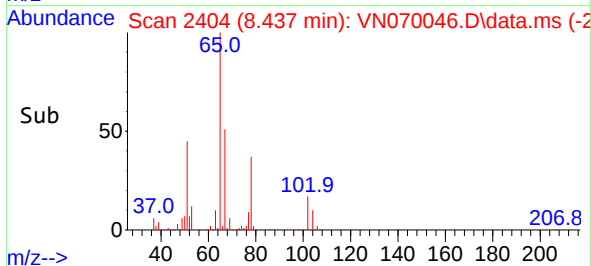
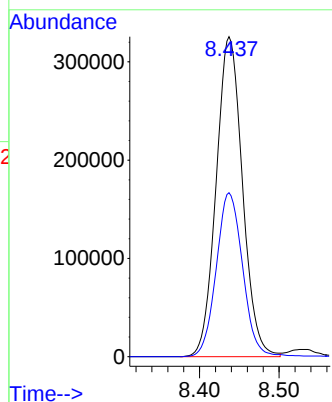


Tgt Ion: 65 Resp: 74955
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0

Manual Integrations

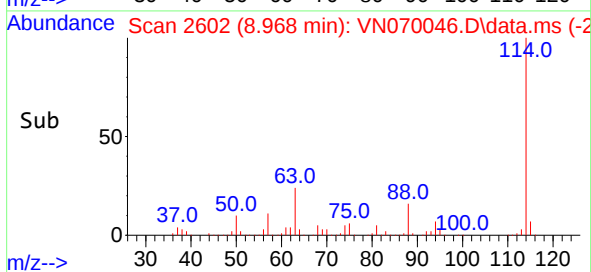
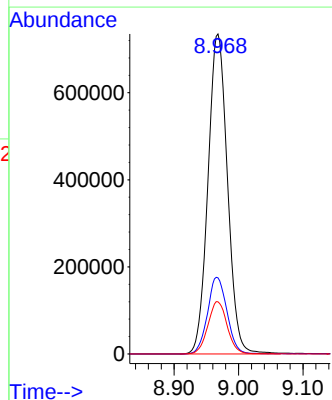
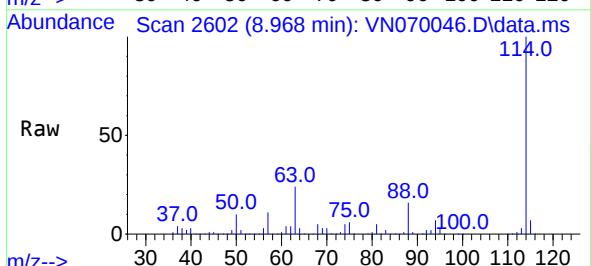
APPROVED

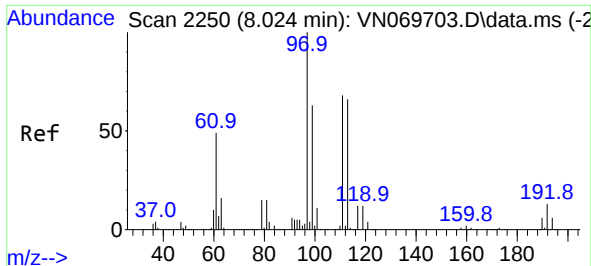
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

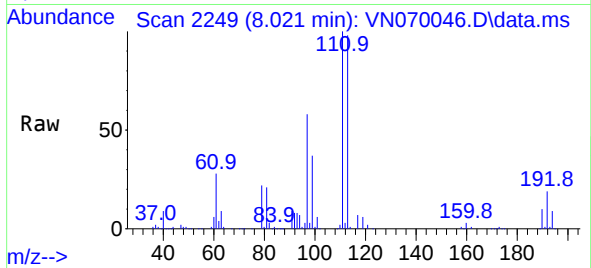
Tgt Ion:114 Resp: 1546681
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.758 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

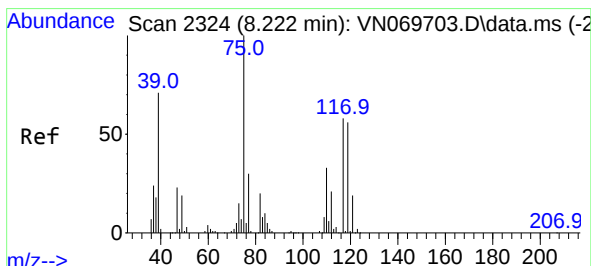
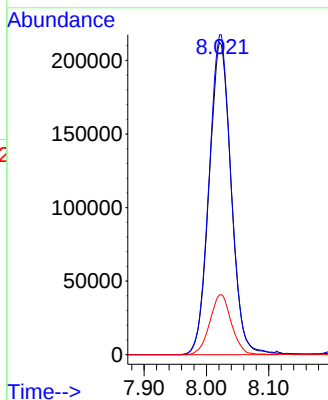
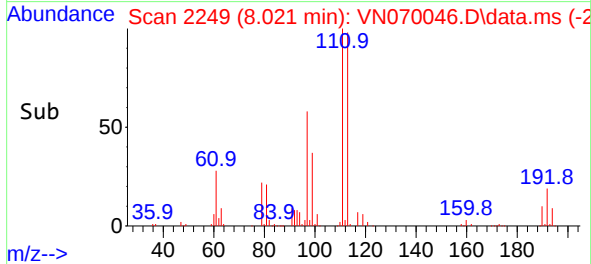
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



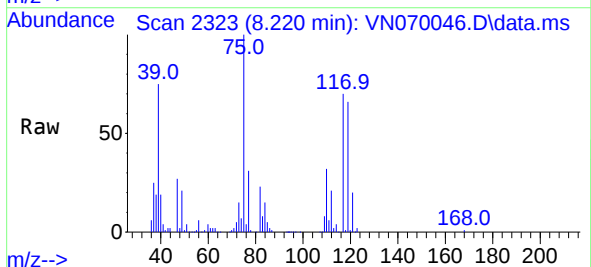
Tgt Ion:113 Resp: 520808
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

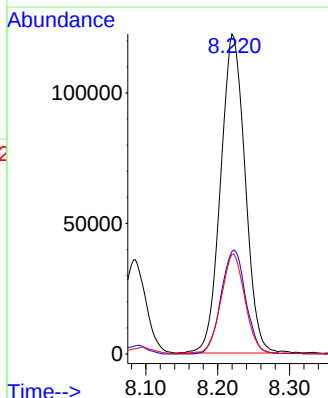
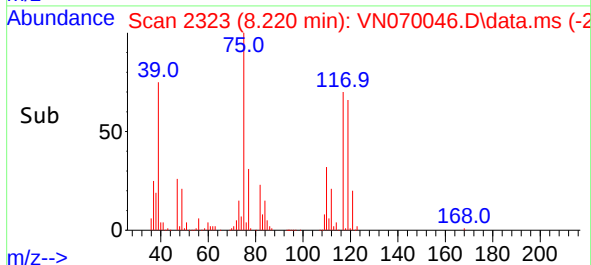
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

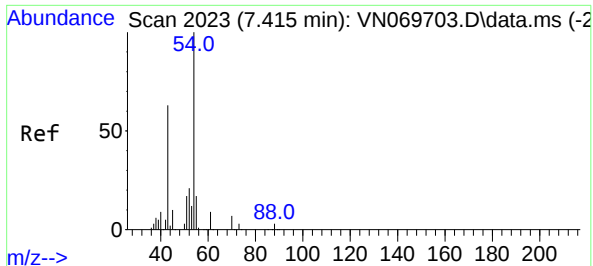


#36
1,1-Dichloropropene
Concen: 19.581 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 75 Resp: 288303
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 31.0 24.4 36.6





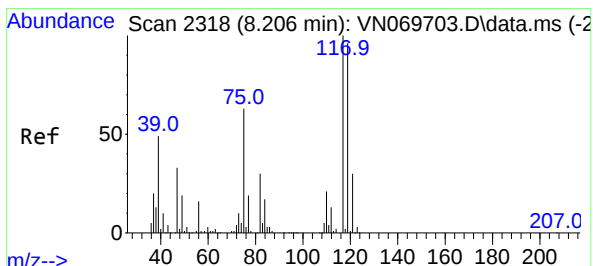
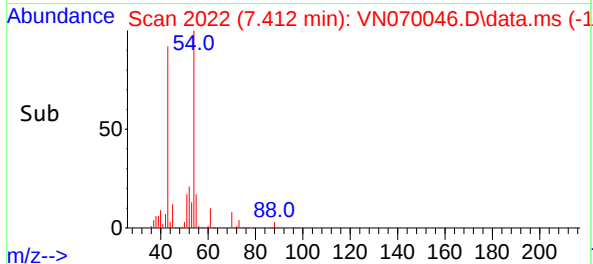
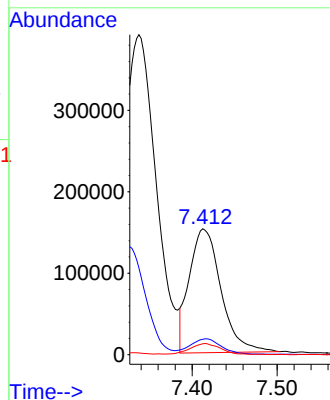
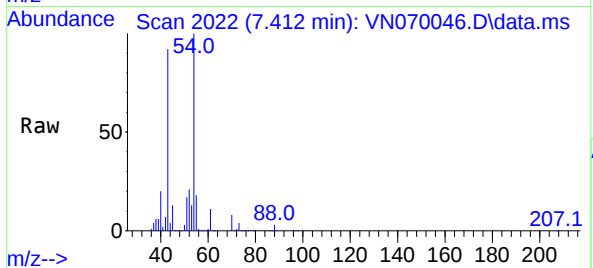
#37
Ethyl Acetate
Concen: 17.977 ug/l
RT: 7.412 min Scan# 20
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion: 43 Resp: 393969
Ion Ratio Lower Upper
43 100
61 11.9 11.5 17.3
70 8.3 7.9 11.9

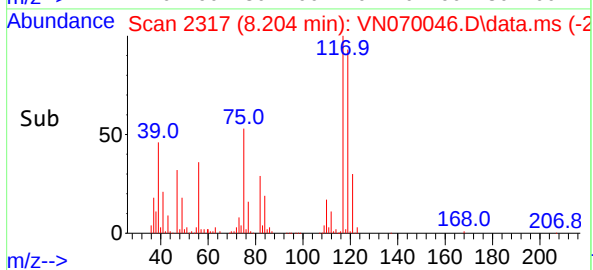
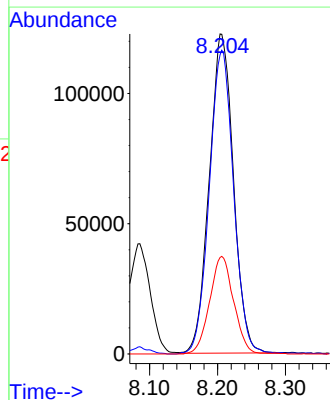
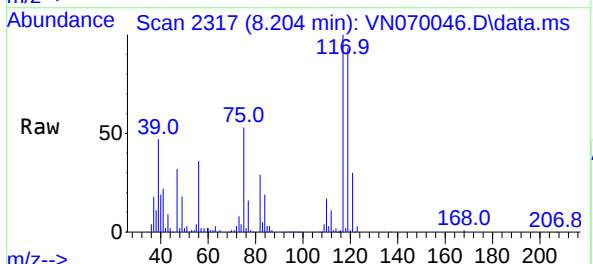
Manual Integrations
APPROVED

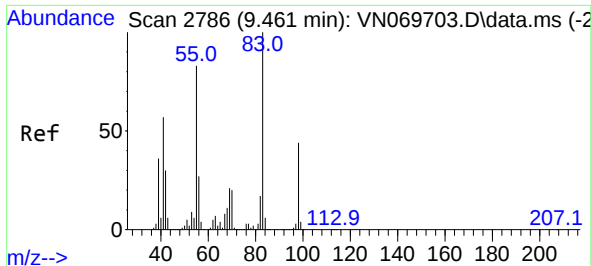
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#38
Carbon Tetrachloride
Concen: 20.910 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

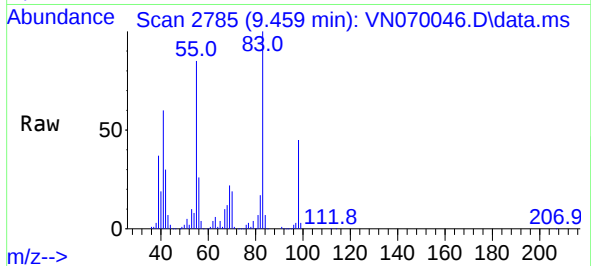
Tgt Ion:117 Resp: 301914
Ion Ratio Lower Upper
117 100
119 93.6 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 18.282 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

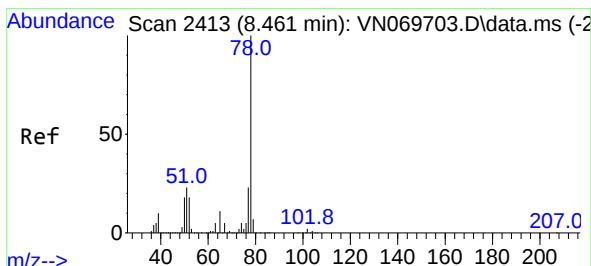
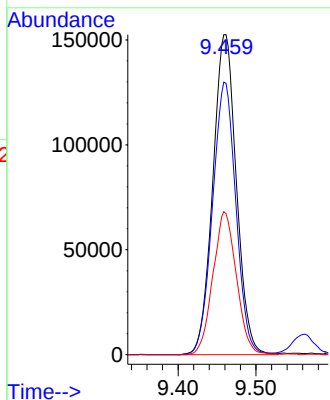
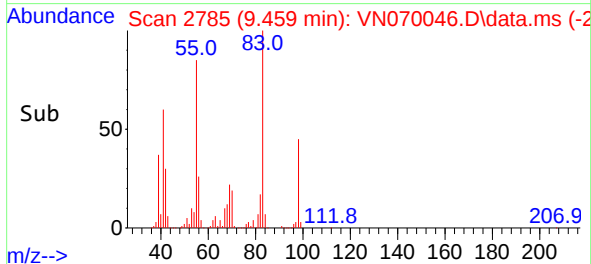
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



Tgt Ion: 83 Resp: 32018
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 44.7 38.4 57.6

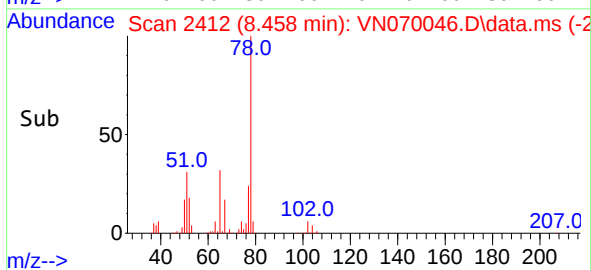
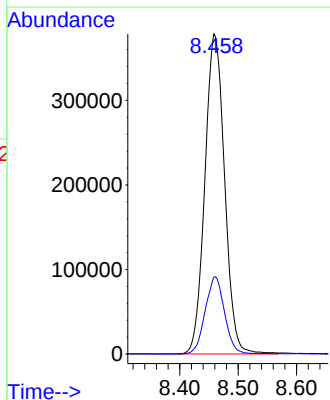
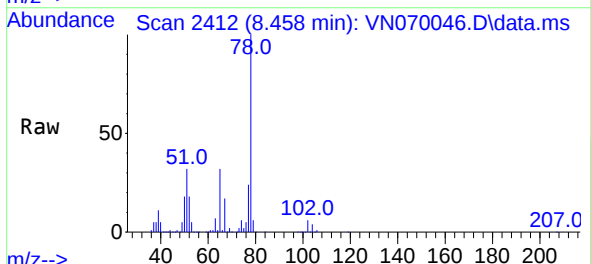
Manual Integrations
APPROVED

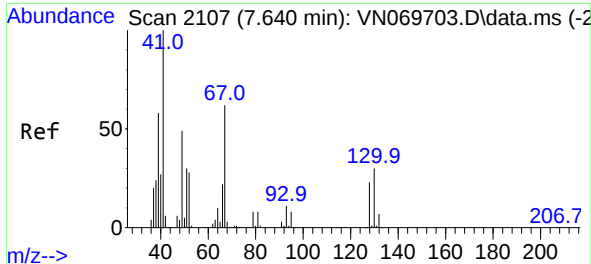
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#40
Benzene
Concen: 19.759 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Tgt Ion: 78 Resp: 889278
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





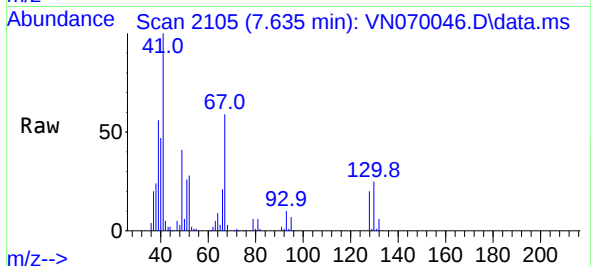
#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

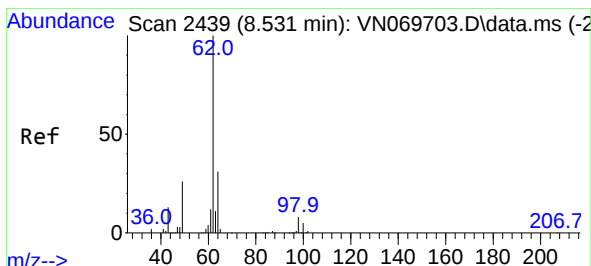
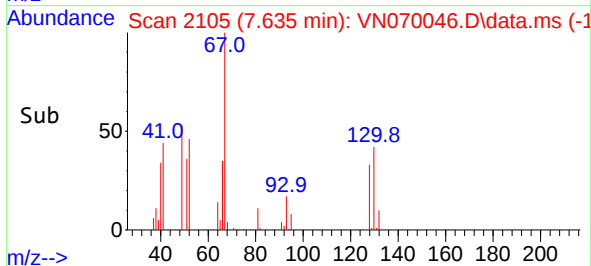
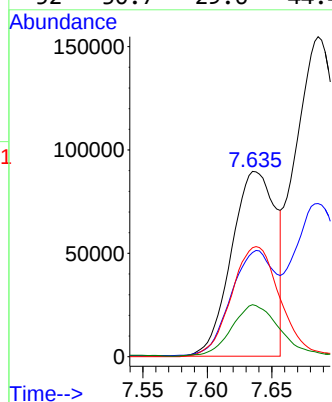


Tgt Ion: 41 Resp: 212509
Ion Ratio Lower Upper
41 100
39 56.9 48.1 72.1
67 66.6 68.3 102.5
52 30.7 29.6 44.4

Manual Integrations

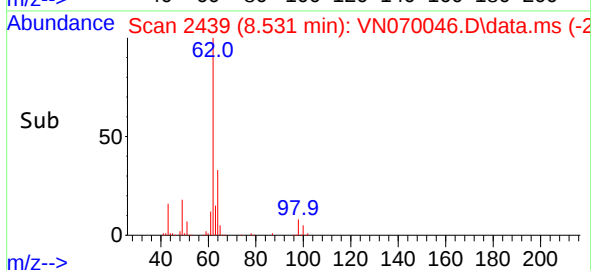
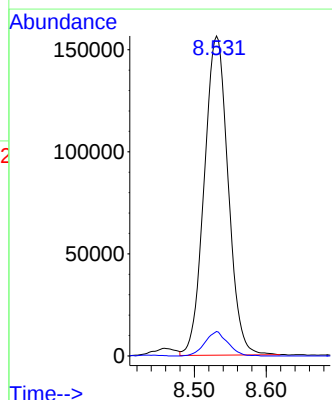
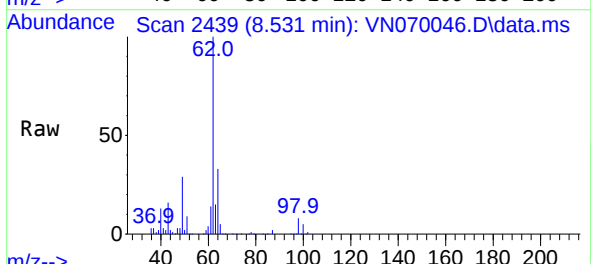
APPROVED

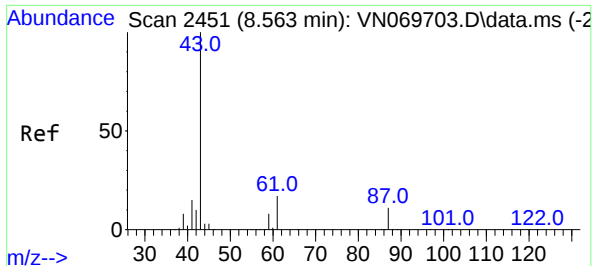
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#42
1,2-Dichloroethane
Concen: 19.889 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Tgt Ion: 62 Resp: 361331
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





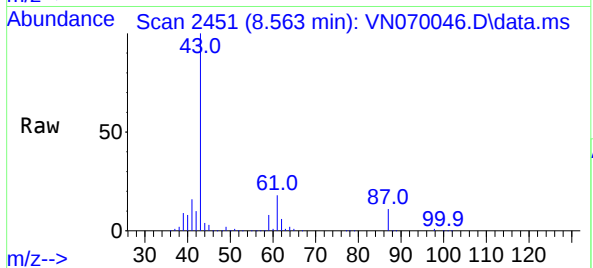
#43
Isopropyl Acetate
Concen: 19.159 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBSD02

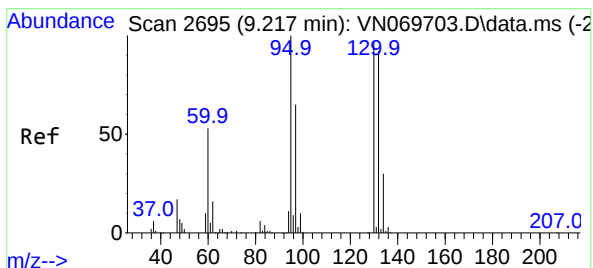
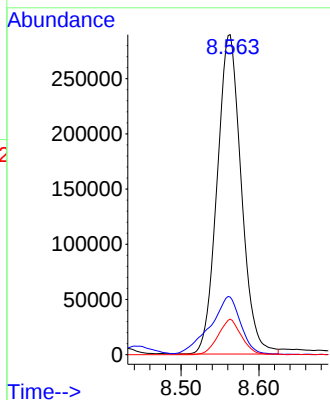
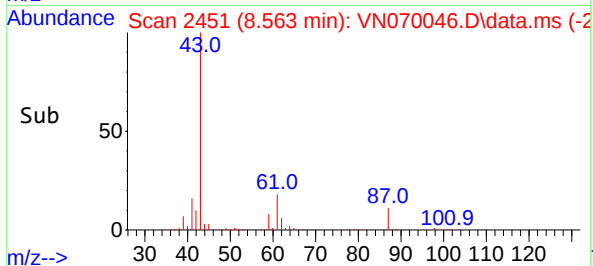


Tgt Ion: 43 Resp: 621344
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 10.8 11.2 16.8

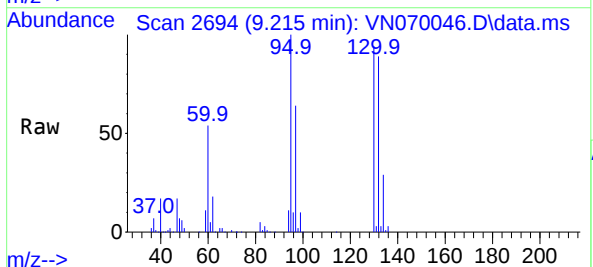
Manual Integrations

APPROVED

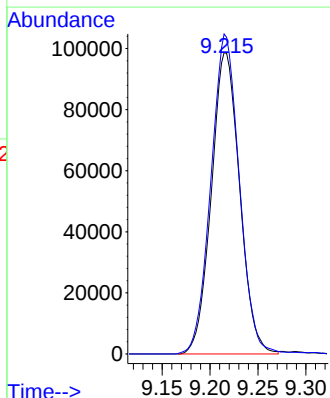
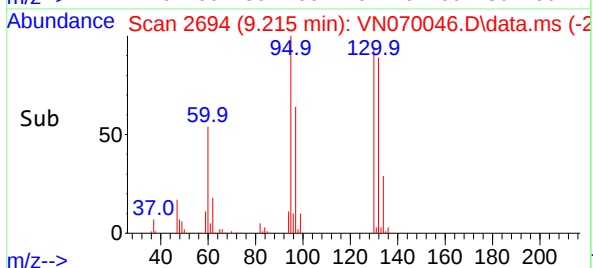
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

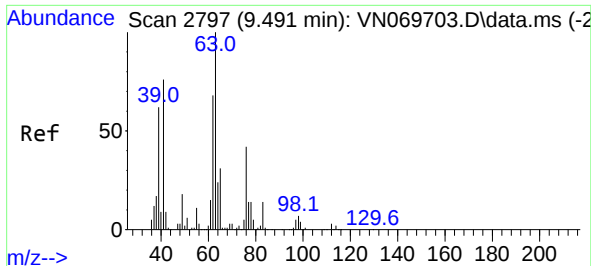


#44
Trichloroethene
Concen: 18.845 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



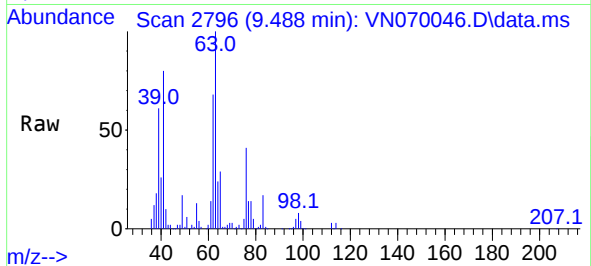
Tgt Ion:130 Resp: 202425
Ion Ratio Lower Upper
130 100
95 106.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.149 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

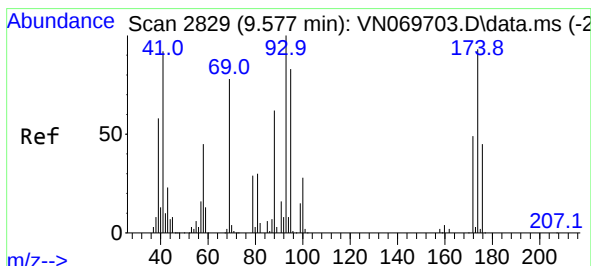
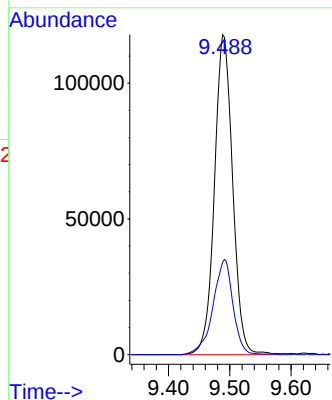
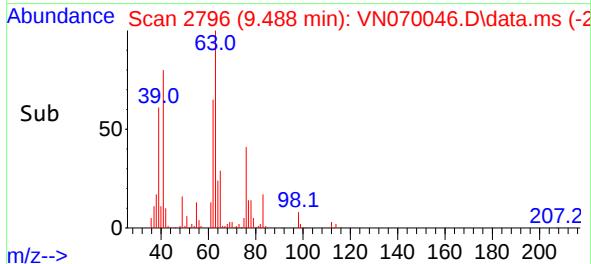
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



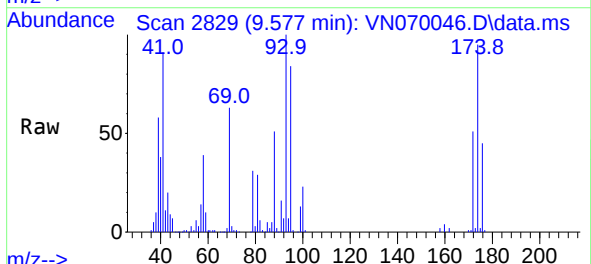
Tgt Ion: 63 Resp: 243514
Ion Ratio Lower Upper
63 100
65 28.8 24.7 37.1

Manual Integrations
APPROVED

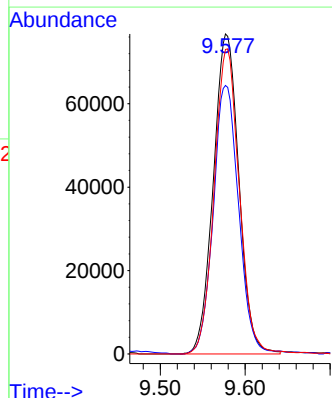
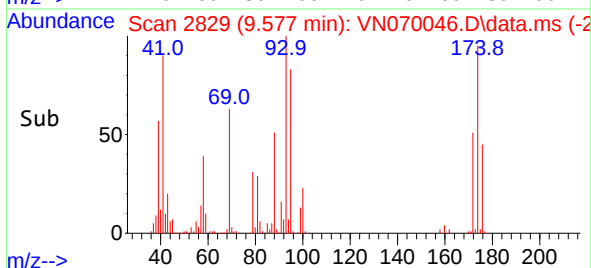
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

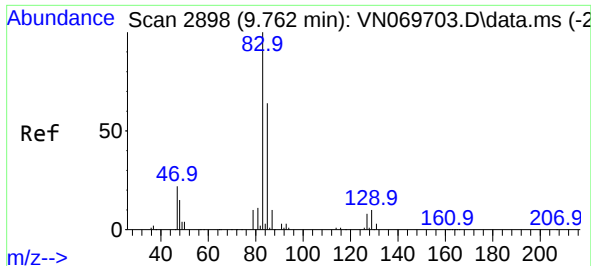


#46
Dibromomethane
Concen: 20.213 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



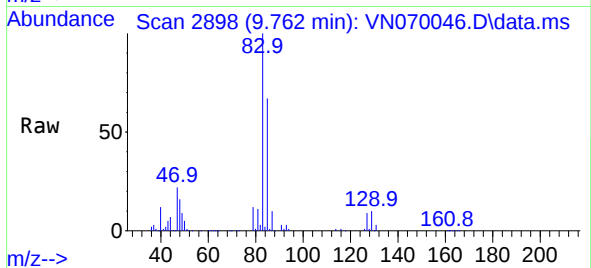
Tgt Ion: 93 Resp: 160210
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 22.418 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

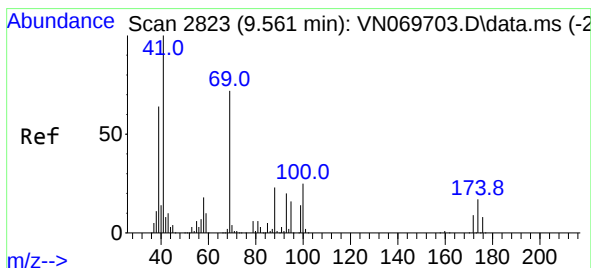
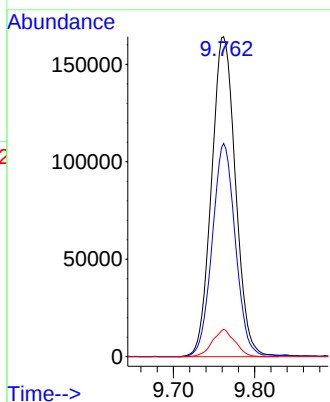
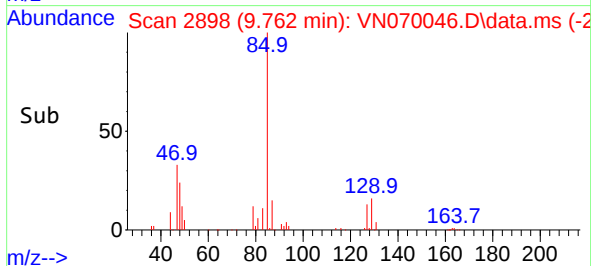
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



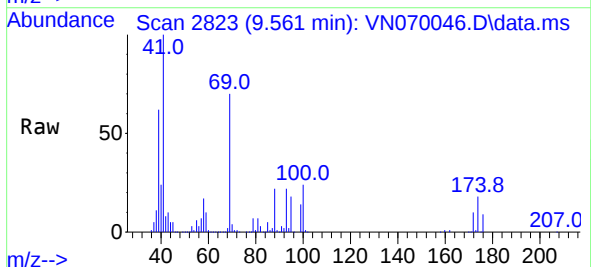
Tgt Ion: 83 Resp: 33642
Ion Ratio Lower Upper
83 100
85 66.6 50.9 76.3
127 8.6 7.1 10.7

Manual Integrations
APPROVED

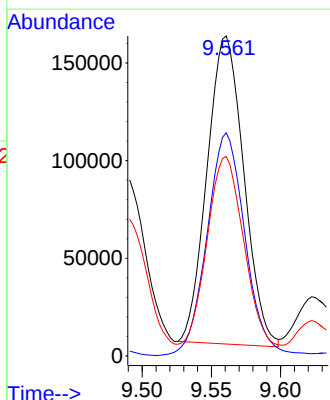
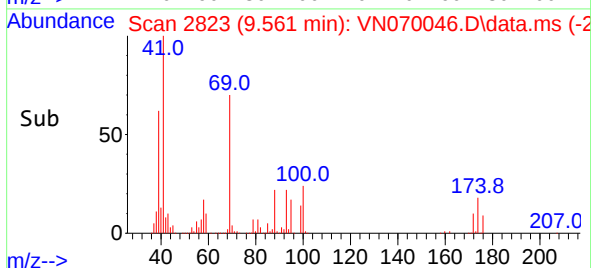
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

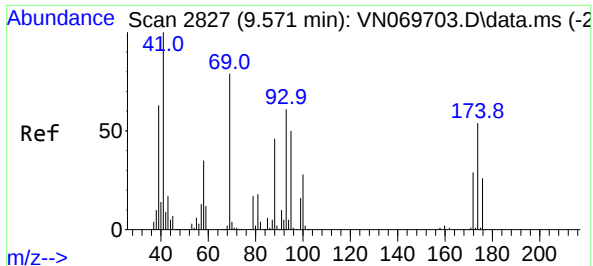


#48
Methyl methacrylate
Concen: 19.192 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 41 Resp: 290463
Ion Ratio Lower Upper
41 100
69 74.9 72.4 108.6
39 67.2 58.4 87.6





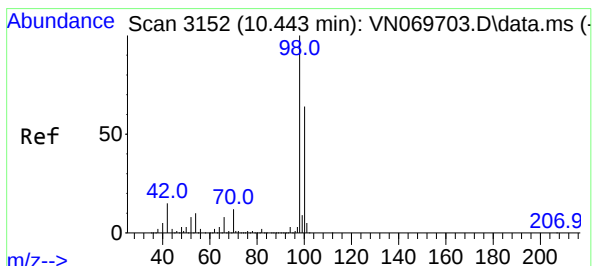
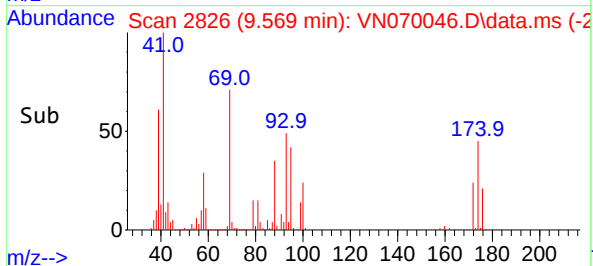
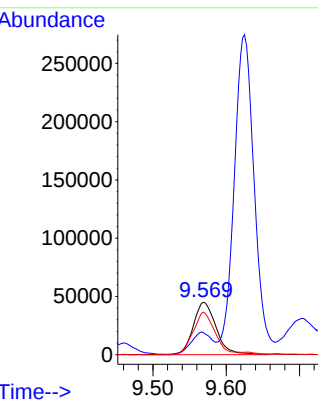
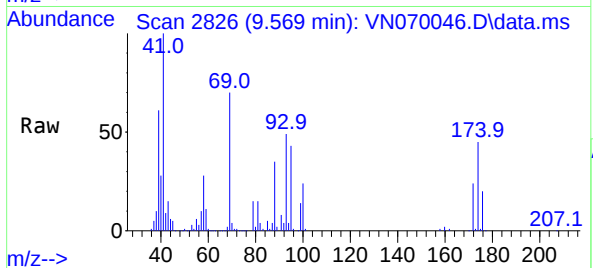
#49
1,4-Dioxane
Concen: 359.077 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion: 88 Resp: 97510
Ion Ratio Lower Upper
88 100
43 38.9 23.4 35.2
58 78.5 50.6 75.8

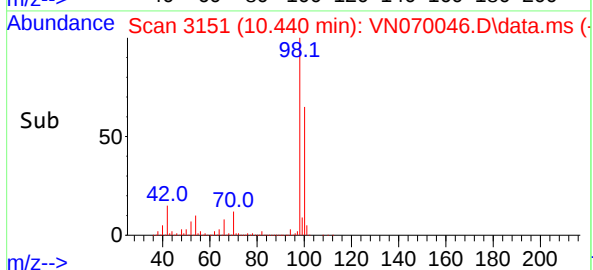
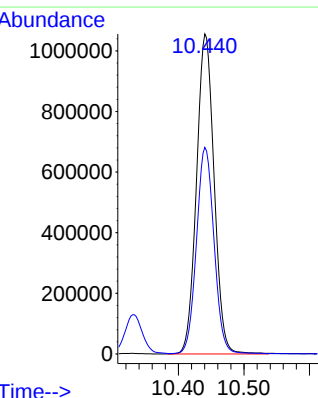
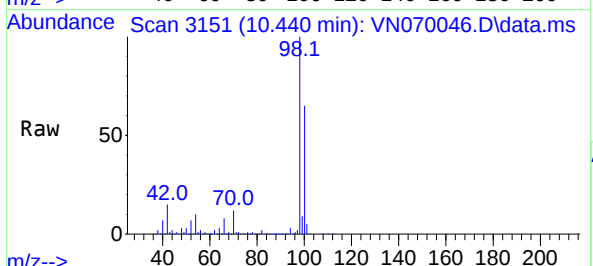
Manual Integrations
APPROVED

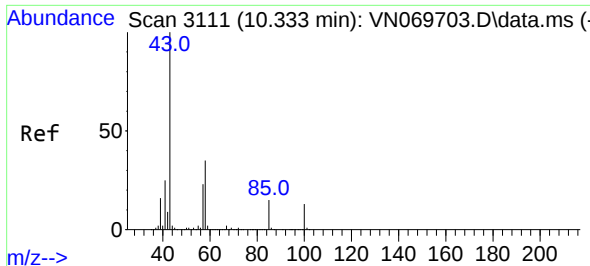
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
Toluene-d8
Concen: 50.554 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

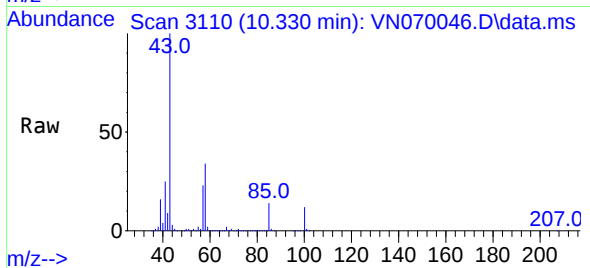
Tgt Ion: 98 Resp: 1966604
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 100.439 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

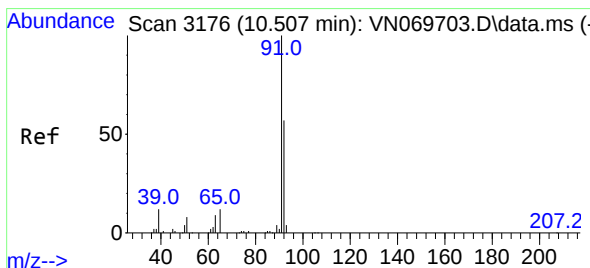
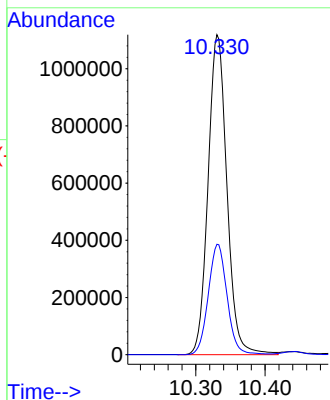
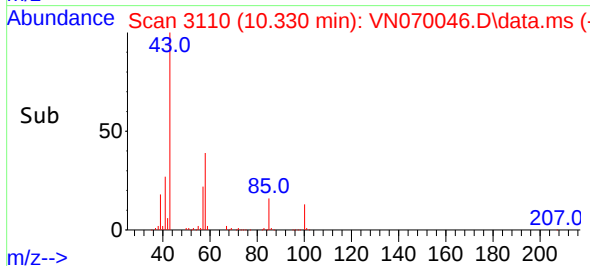
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



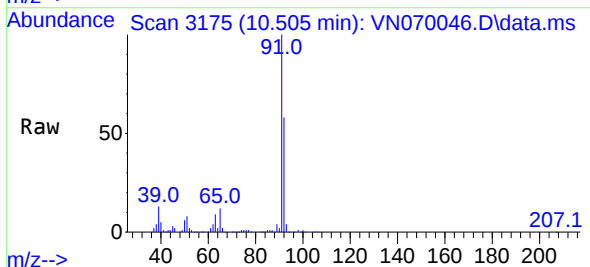
Tgt Ion: 43 Resp: 2113072
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

Manual Integrations
APPROVED

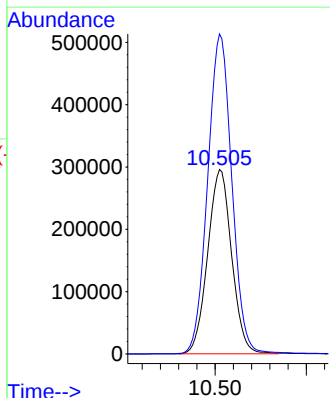
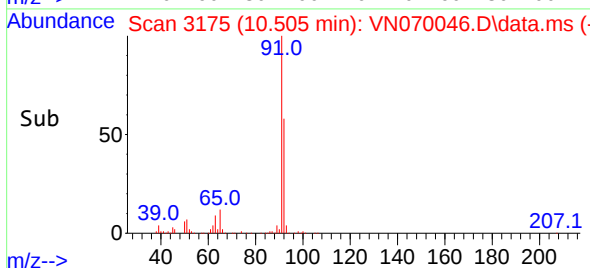
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

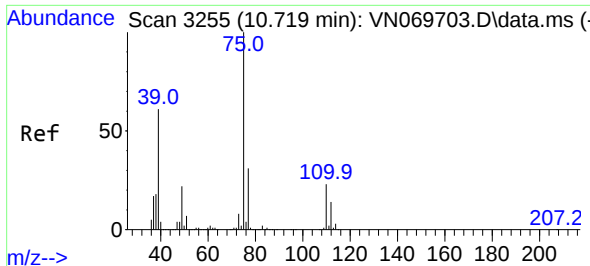


#52
Toluene
Concen: 19.657 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 92 Resp: 540094
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





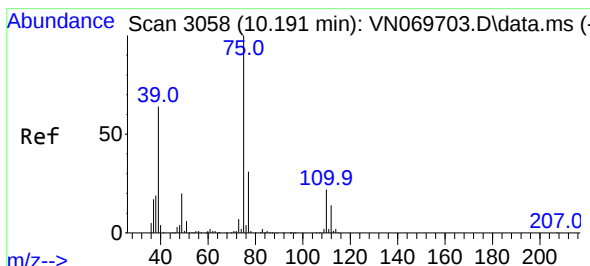
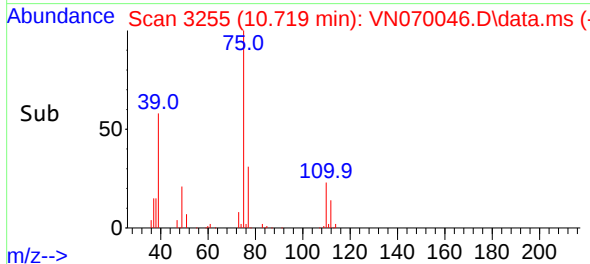
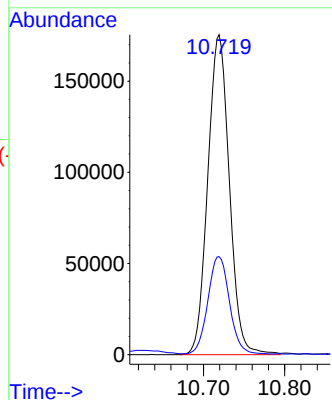
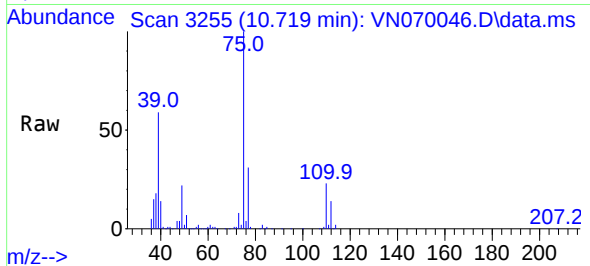
#53
t-1,3-Dichloropropene
Concen: 19.710 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion: 75 Resp: 32344
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

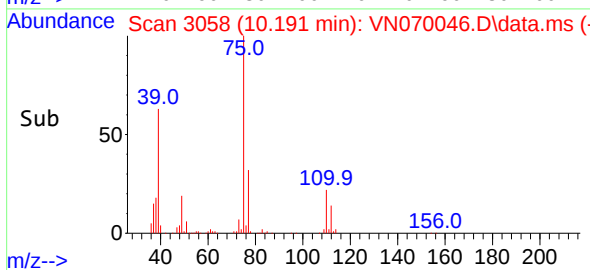
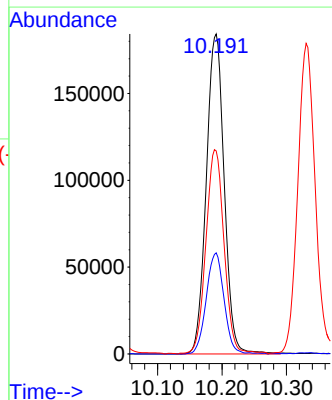
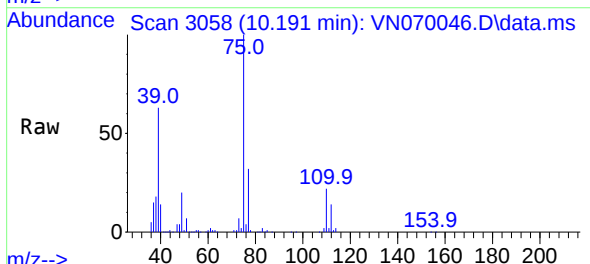
Manual Integrations
APPROVED

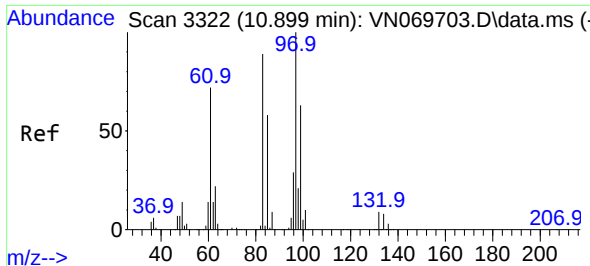
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 20.028 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

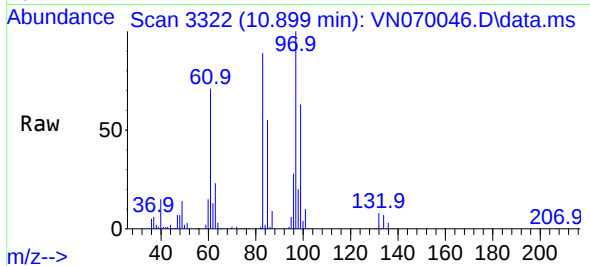
Tgt Ion: 75 Resp: 355799
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 63.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.163 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

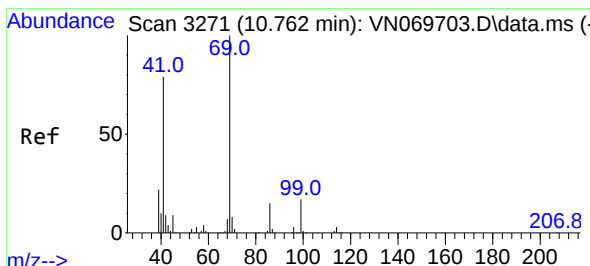
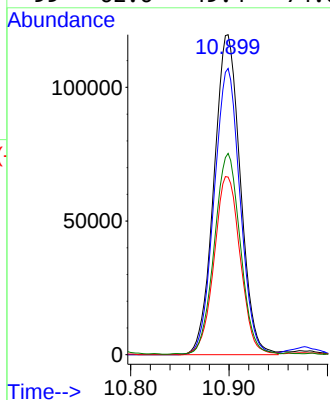
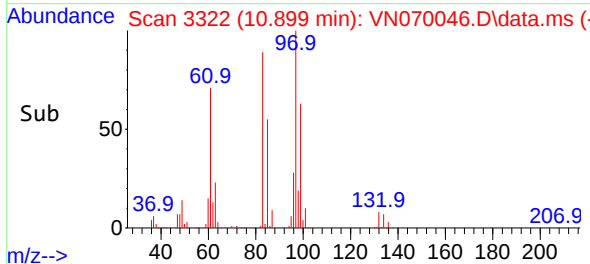
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



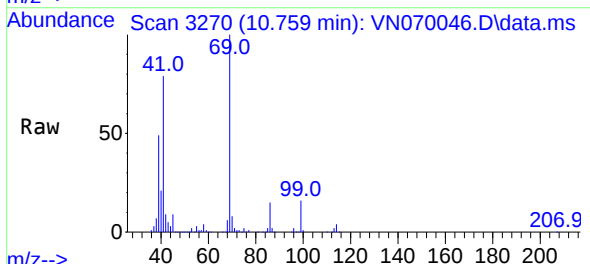
Tgt Ion: 97 Resp: 223530
Ion Ratio Lower Upper
97 100
83 89.5 67.8 101.6
85 55.5 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
APPROVED

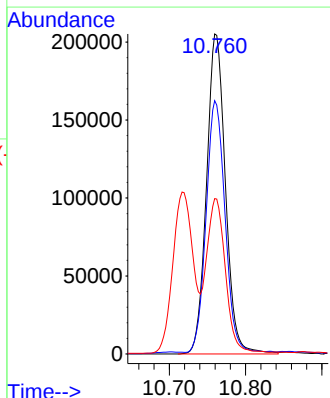
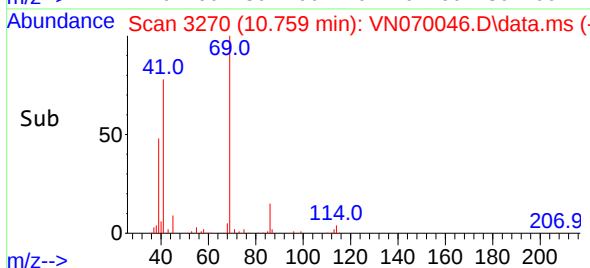
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

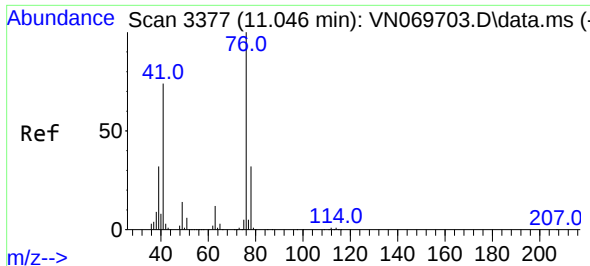


#56
Ethyl methacrylate
Concen: 18.409 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



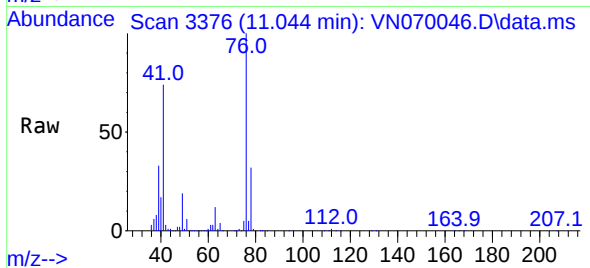
Tgt Ion: 69 Resp: 353517
Ion Ratio Lower Upper
69 100
41 78.6 51.4 77.0#
39 47.8 34.6 52.0





#57
1,3-Dichloropropane
Concen: 19.840 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

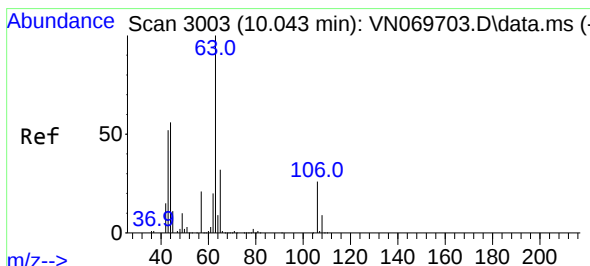
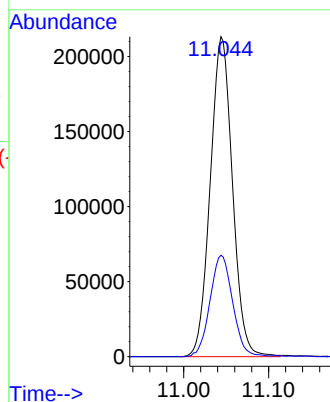
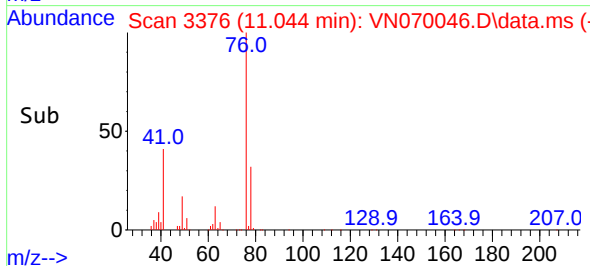
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



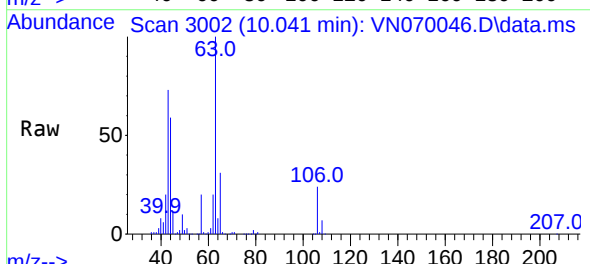
Tgt Ion: 76 Resp: 387290
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
APPROVED

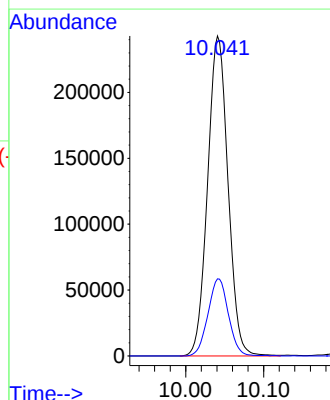
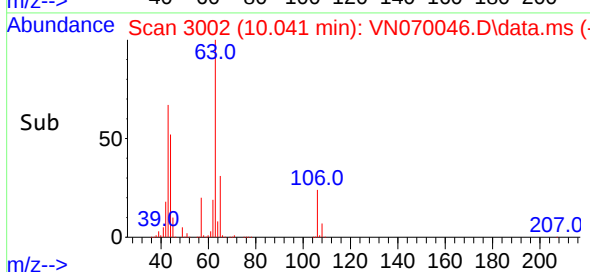
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

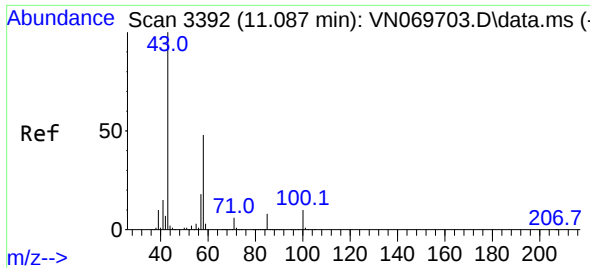


#58
2-Chloroethyl Vinyl ether
Concen: 90.852 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



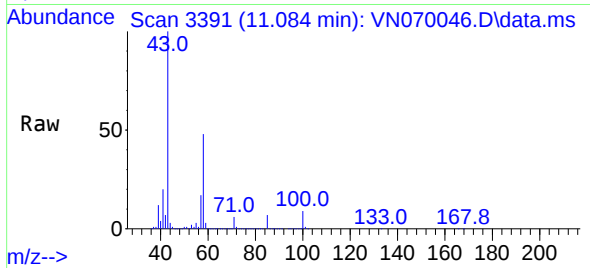
Tgt Ion: 63 Resp: 441830
Ion Ratio Lower Upper
63 100
106 24.1 23.9 35.9





#59
2-Hexanone
Concen: 93.935 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

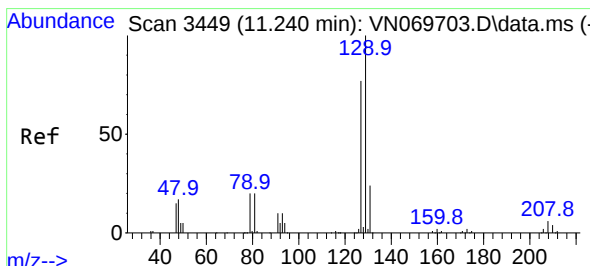
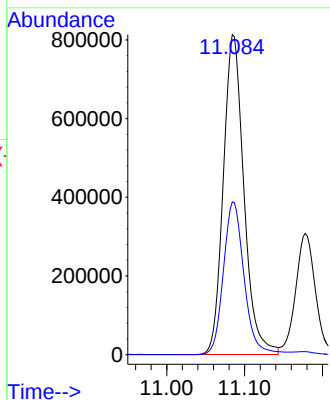
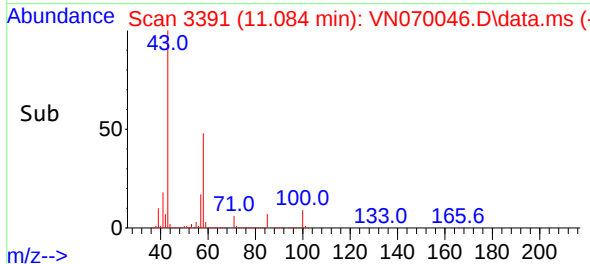
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



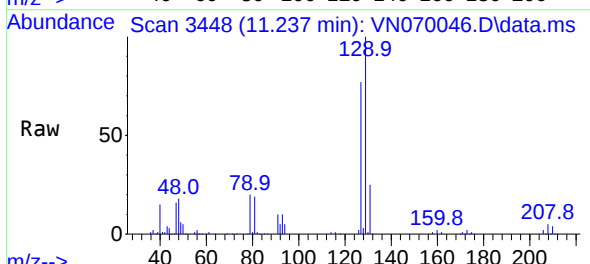
Tgt Ion: 43 Resp: 149496
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

Manual Integrations
APPROVED

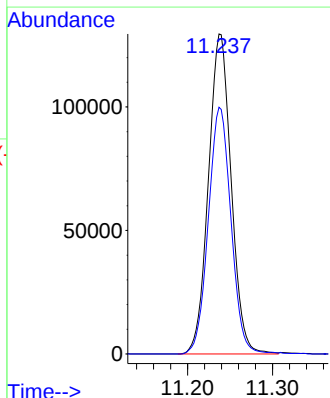
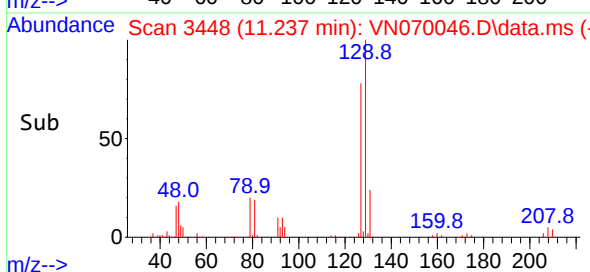
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

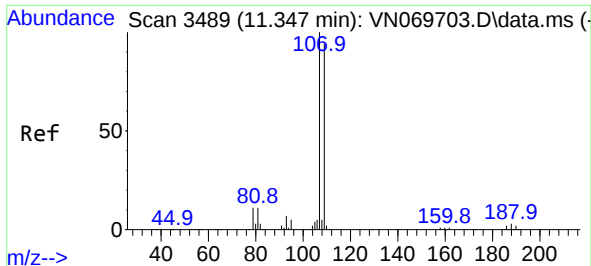


#60
Dibromochloromethane
Concen: 21.671 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



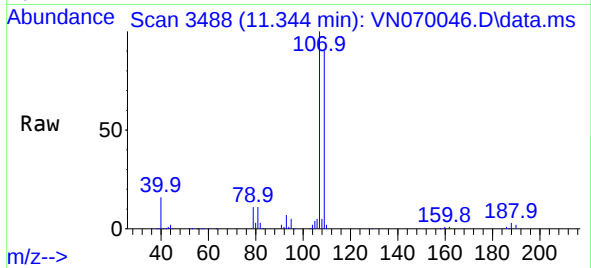
Tgt Ion:129 Resp: 240626
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.202 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

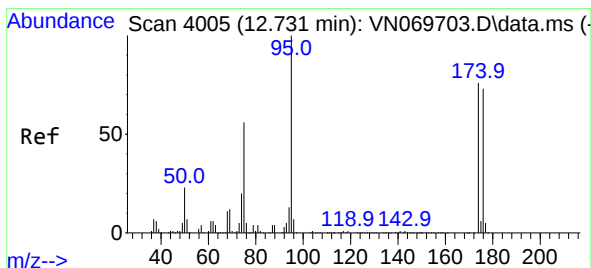
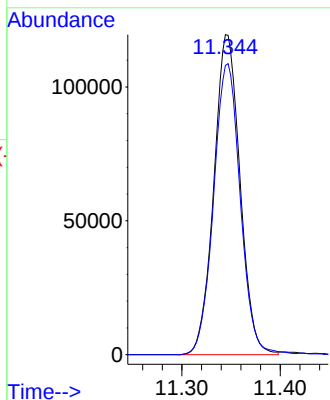
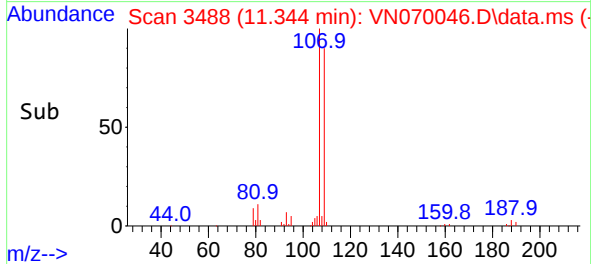
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



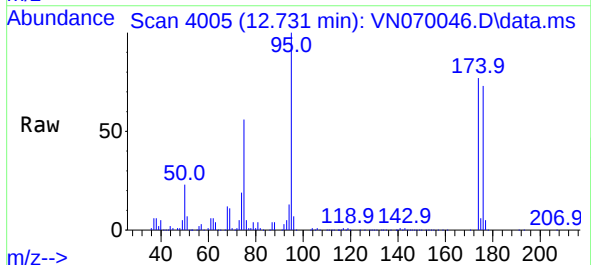
Tgt Ion:107 Resp: 220495
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

Manual Integrations
APPROVED

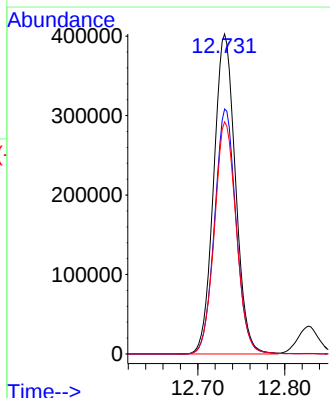
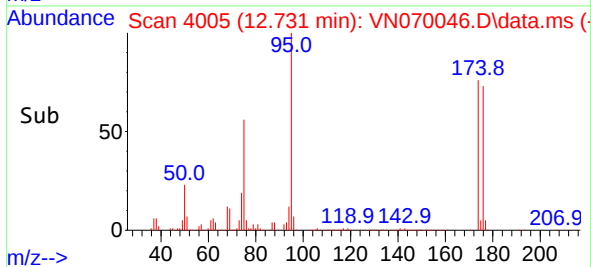
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

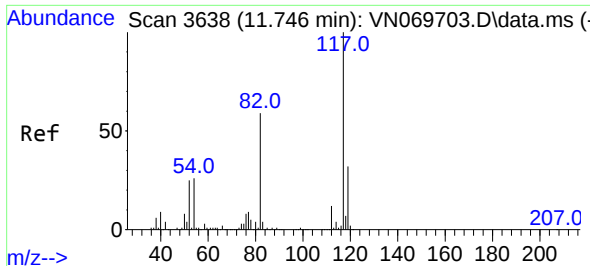


#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



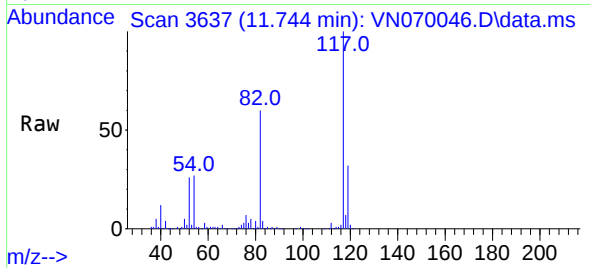
Tgt Ion: 95 Resp: 699140
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

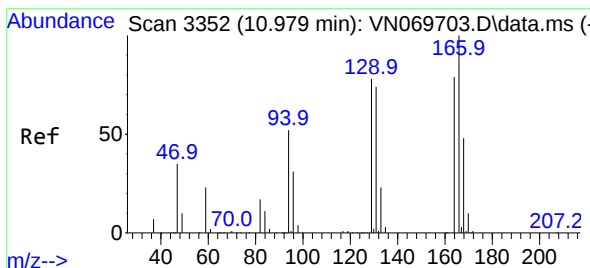
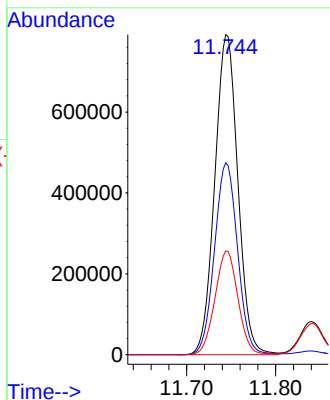
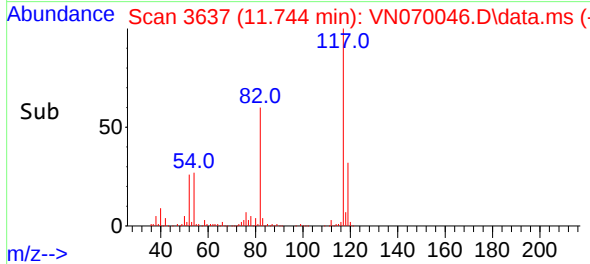
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



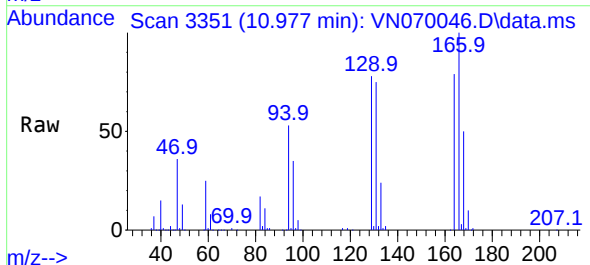
Tgt Ion:117 Resp: 1428594
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

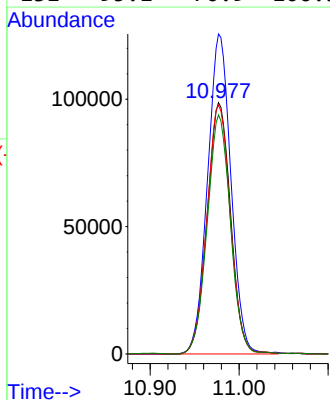
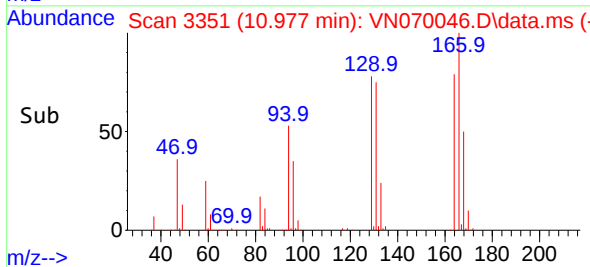
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

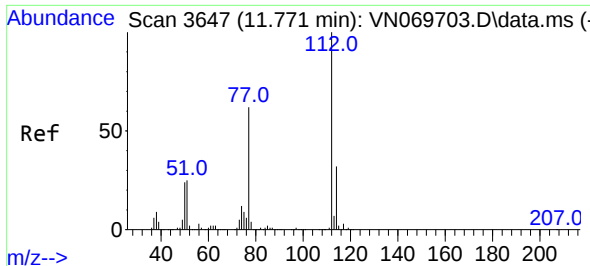


#64
Tetrachloroethene
Concen: 18.698 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



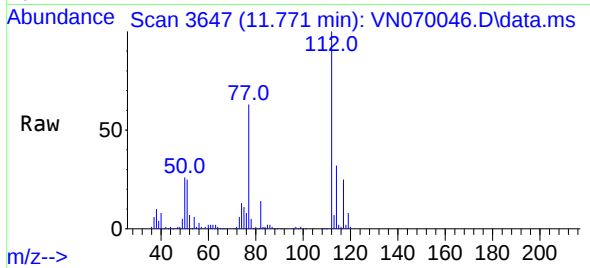
Tgt Ion:164 Resp: 181120
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 99.0 72.0 108.0
131 95.1 70.9 106.3





#65
Chlorobenzene
Concen: 19.333 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

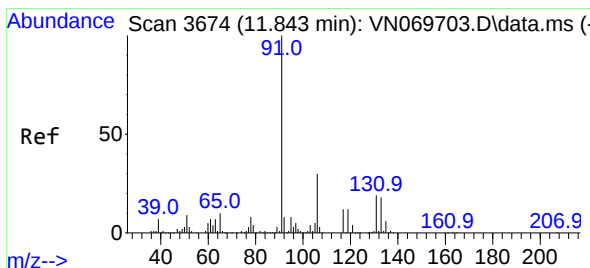
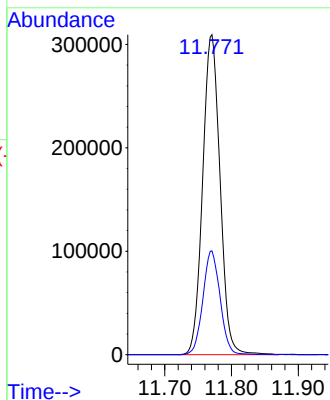
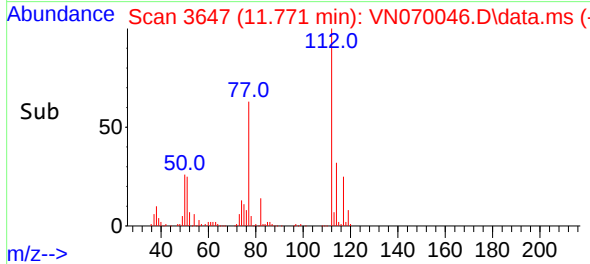
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



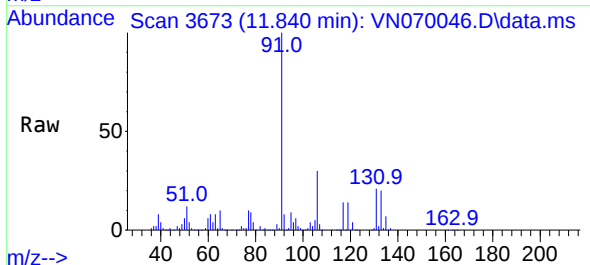
Tgt Ion:112 Resp: 560300
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

Manual Integrations
APPROVED

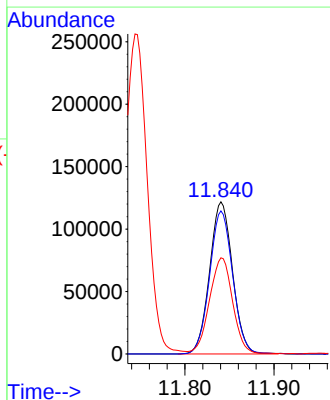
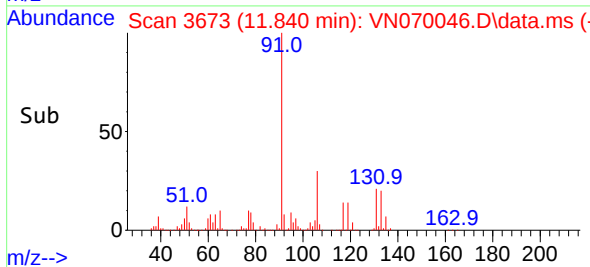
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

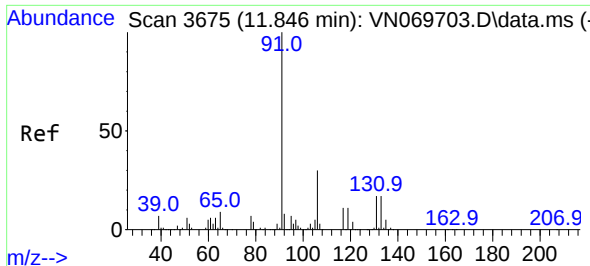


#66
1,1,1,2-Tetrachloroethane
Concen: 21.330 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



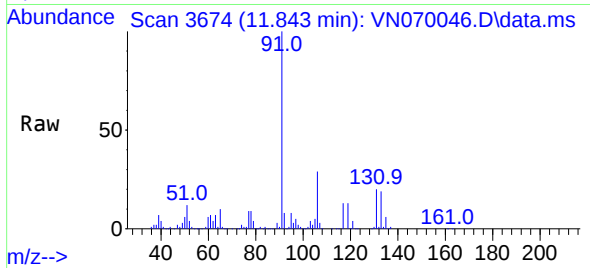
Tgt Ion:131 Resp: 217583
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.1 32.1 96.5





#67
Ethyl Benzene
Concen: 19.688 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

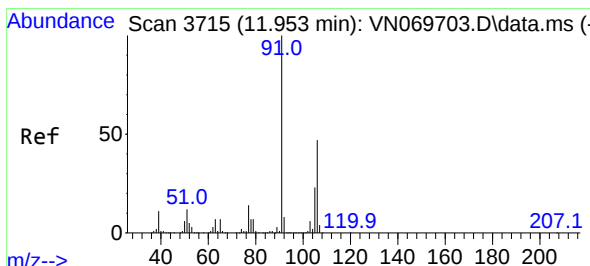
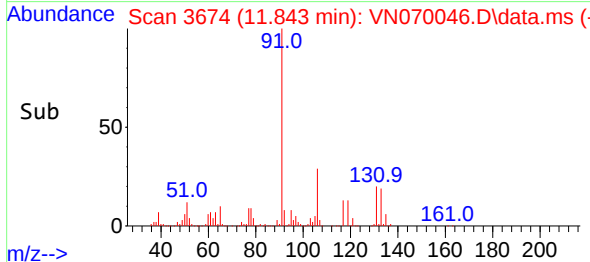
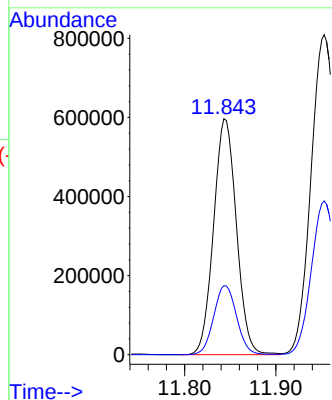
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



Tgt Ion: 91 Resp: 1036468
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

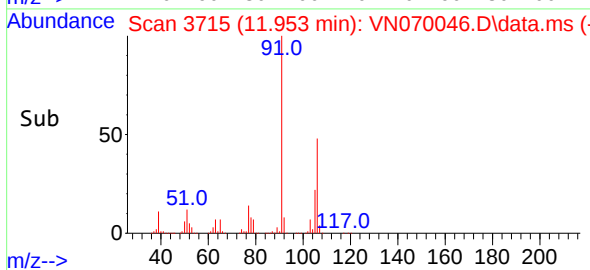
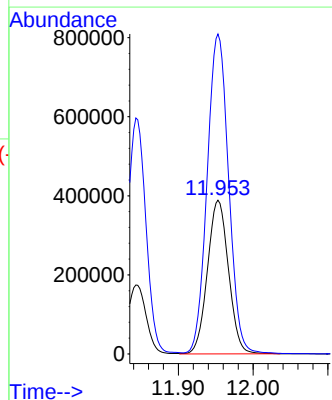
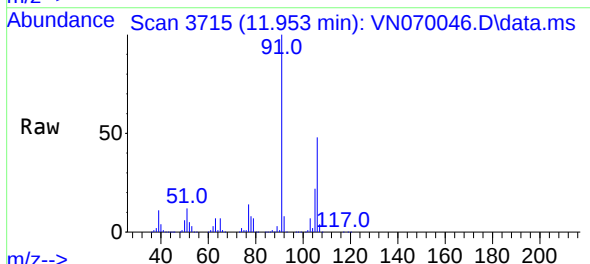
Manual Integrations
APPROVED

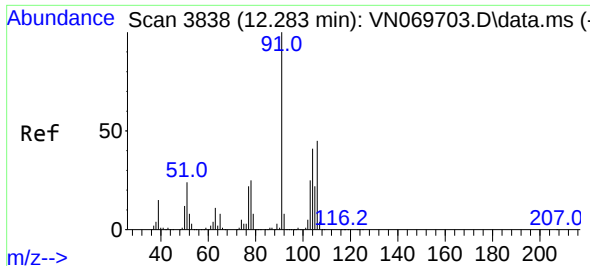
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
m/p-Xylenes
Concen: 39.618 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Tgt Ion:106 Resp: 759419
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8





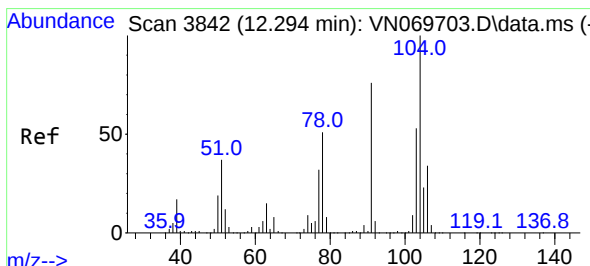
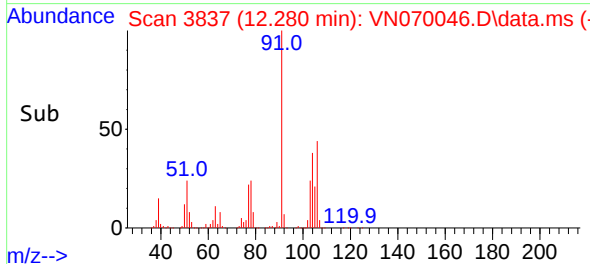
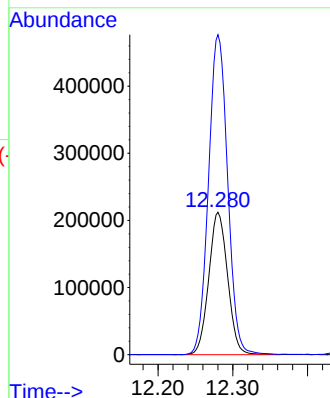
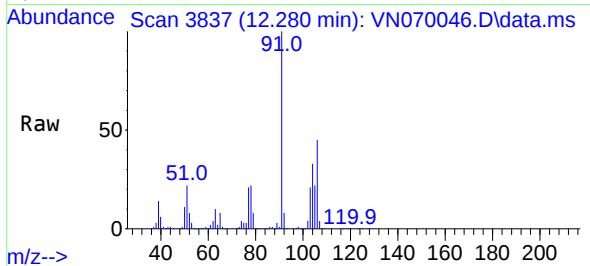
#69
o-Xylene
Concen: 19.271 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion:106 Resp: 372078
Ion Ratio Lower Upper
106 100
91 227.8 105.8 317.3

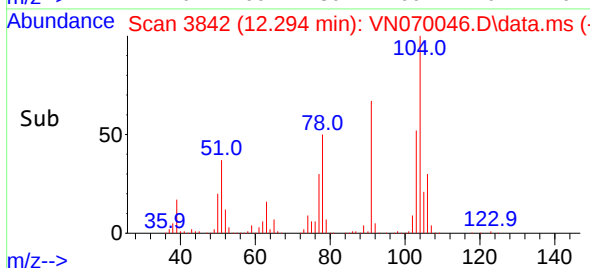
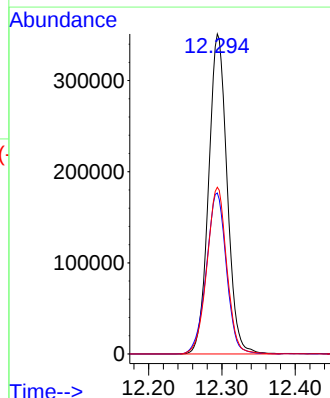
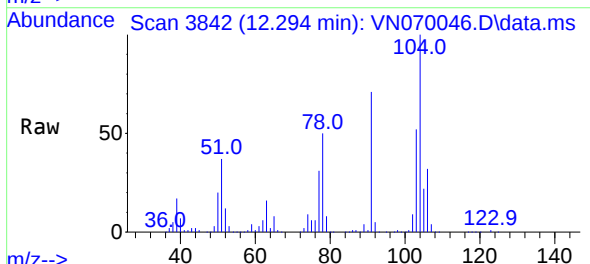
Manual Integrations
APPROVED

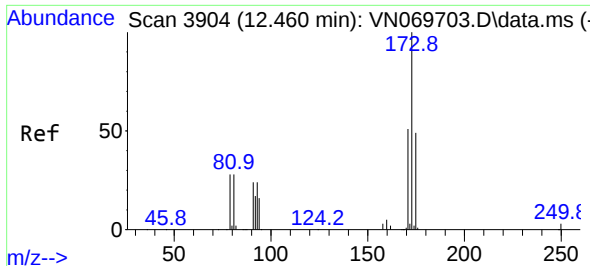
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 20.133 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

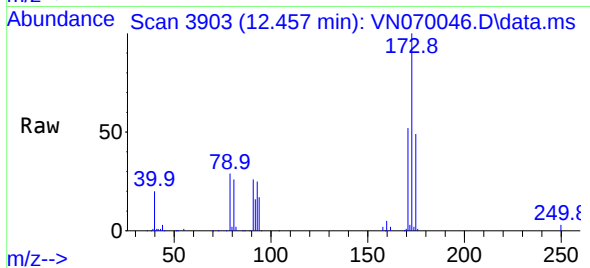
Tgt Ion:104 Resp: 616403
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 22.381 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

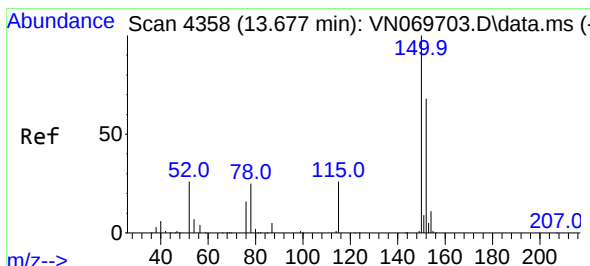
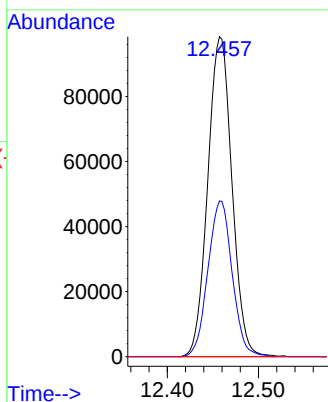
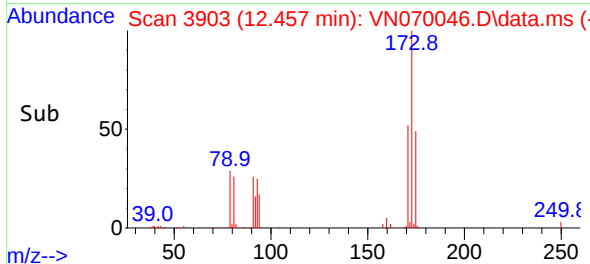
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



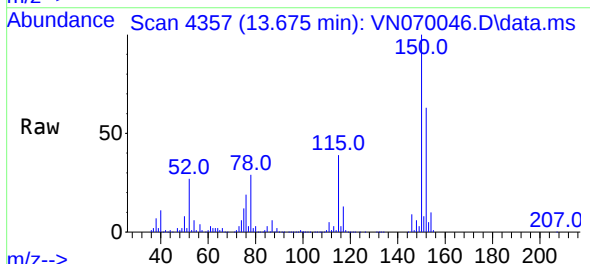
Tgt Ion:173 Resp: 181349
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

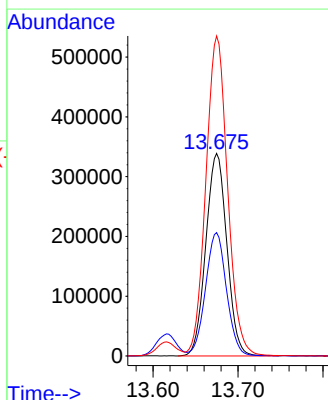
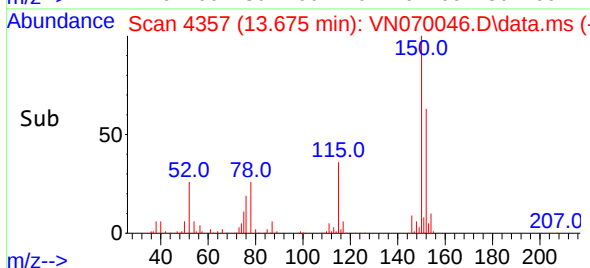
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

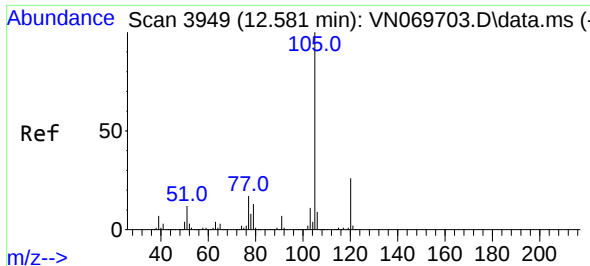


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion:152 Resp: 583978
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 162.7 0.0 344.4





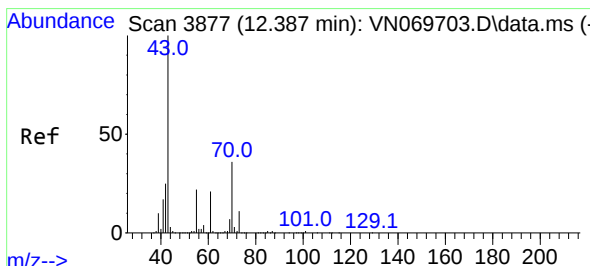
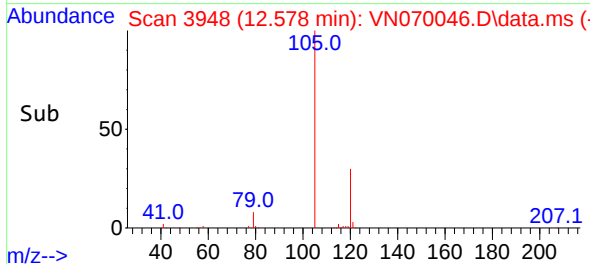
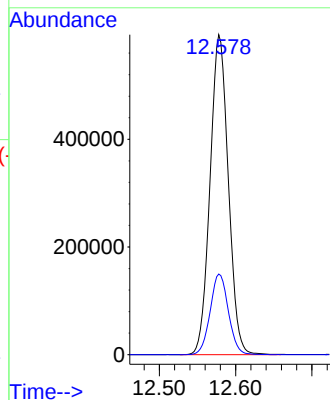
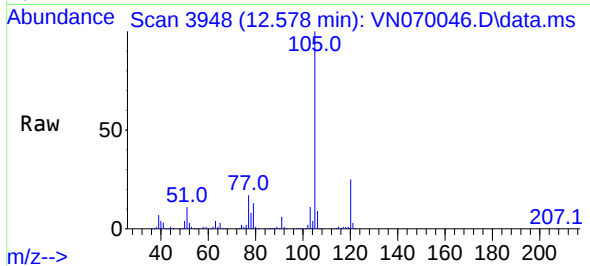
#73
Isopropylbenzene
Concen: 19.019 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion:105 Resp: 988160
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

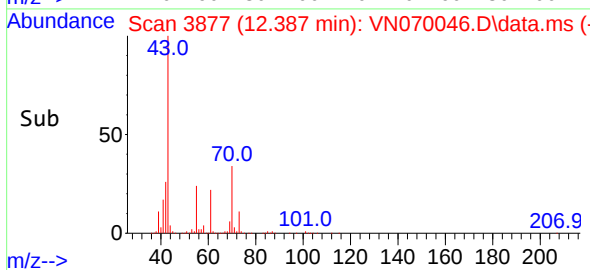
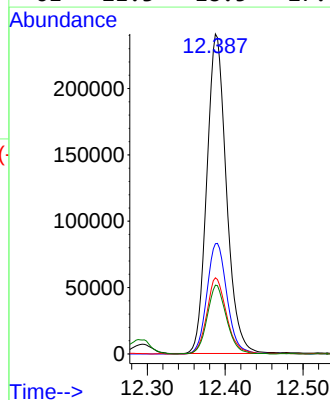
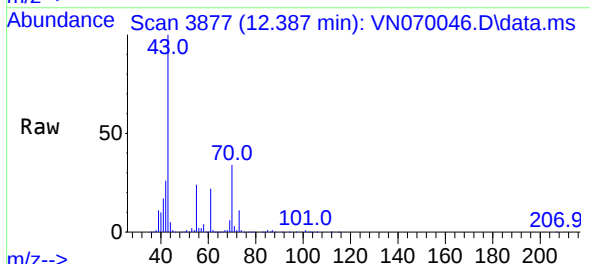
Manual Integrations
APPROVED

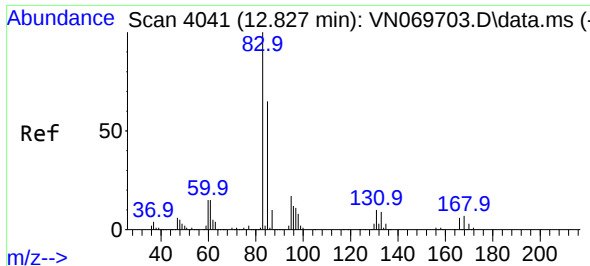
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#74
N-ethyl acetate
Concen: 18.322 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

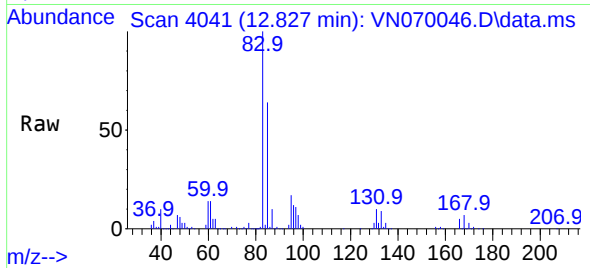
Tgt Ion: 43 Resp: 421002
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 24.0 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.925 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

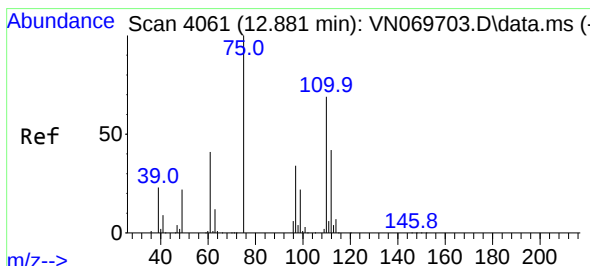
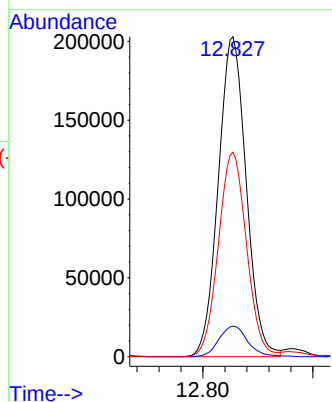
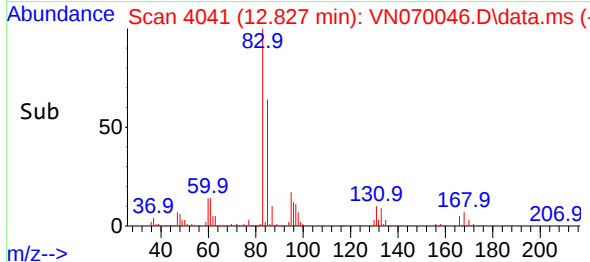
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



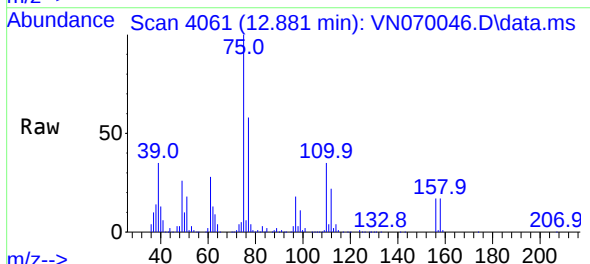
Tgt Ion: 83 Resp: 35798
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

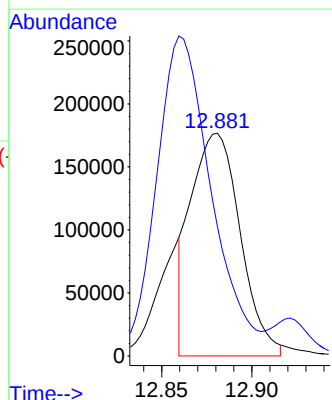
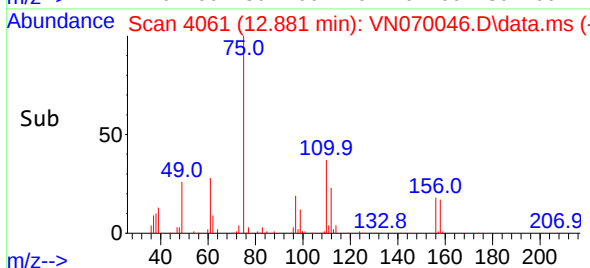
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

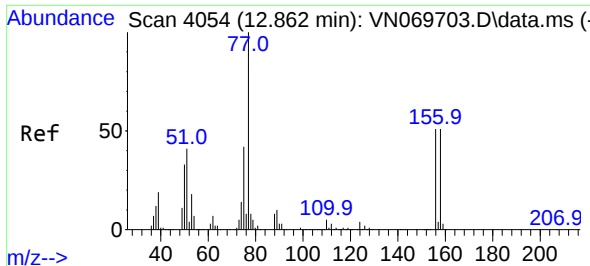


#76
1,2,3-Trichloropropane
Concen: 20.109 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



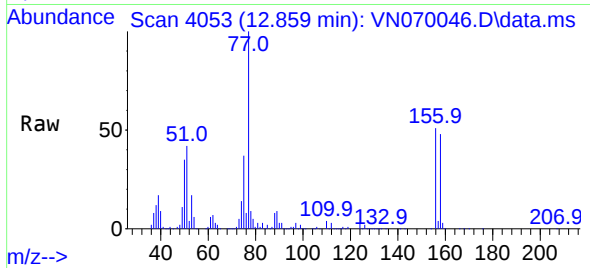
Tgt Ion: 75 Resp: 336771
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.210 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

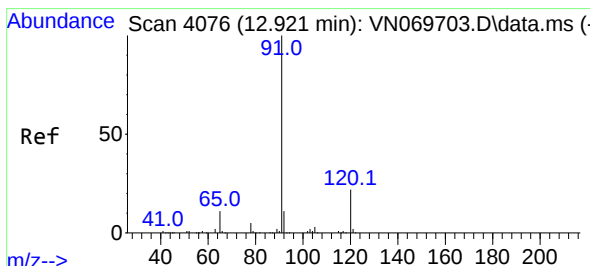
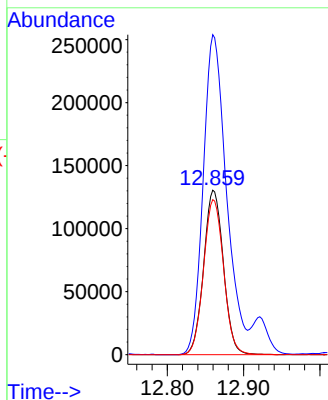
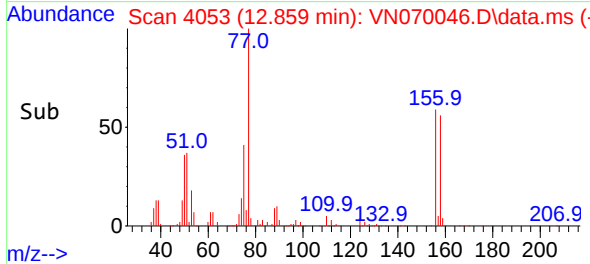
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



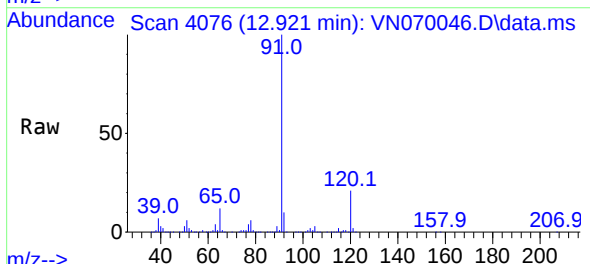
Tgt Ion:156 Resp: 23444
Ion Ratio Lower Upper
156 100
77 228.5 90.6 271.8
158 96.0 48.9 146.7

Manual Integrations
APPROVED

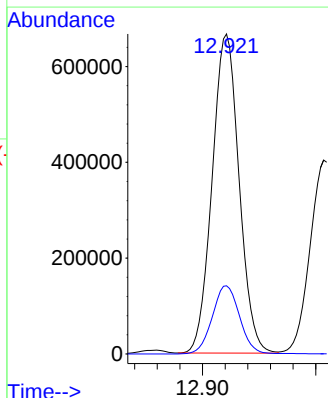
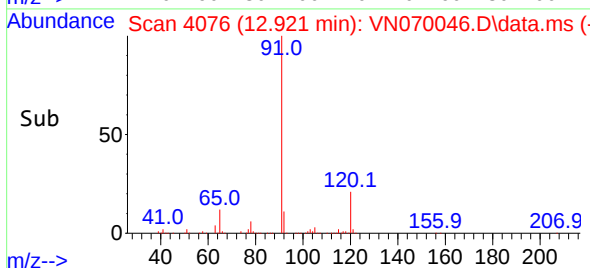
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

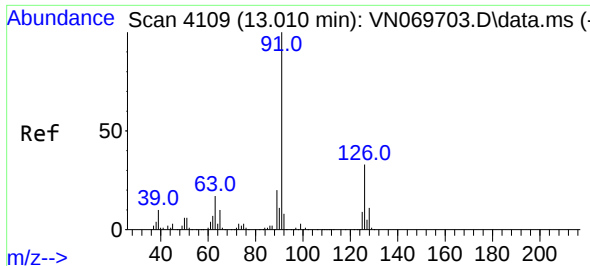


#78
n-propylbenzene
Concen: 19.035 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 91 Resp: 1100563
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





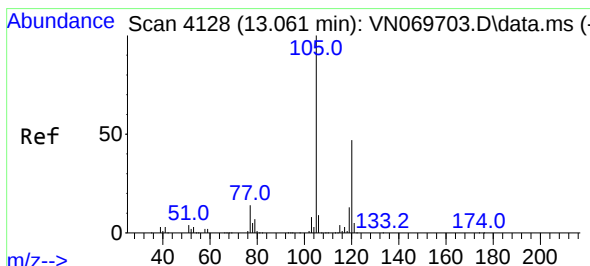
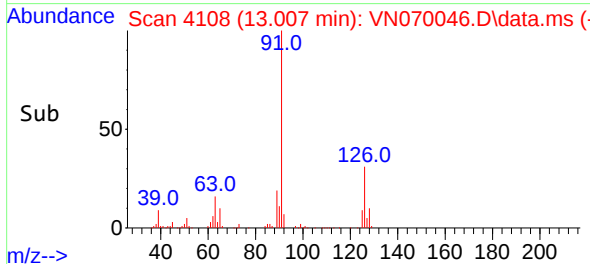
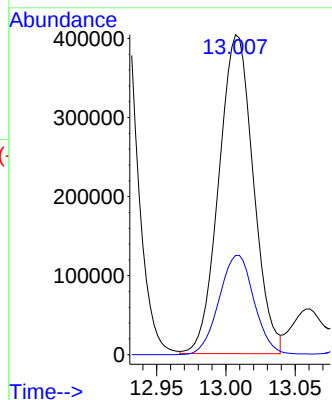
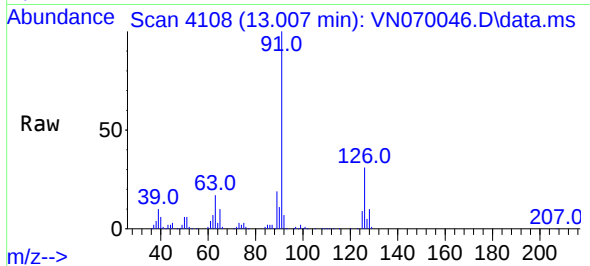
#79
2-Chlorotoluene
Concen: 19.127 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion: 91 Resp: 698778
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

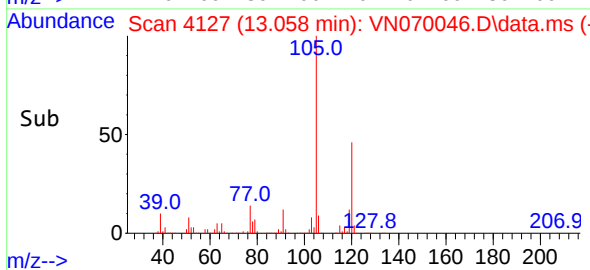
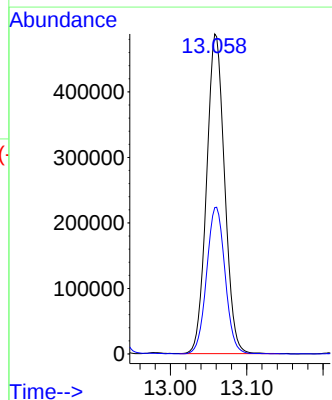
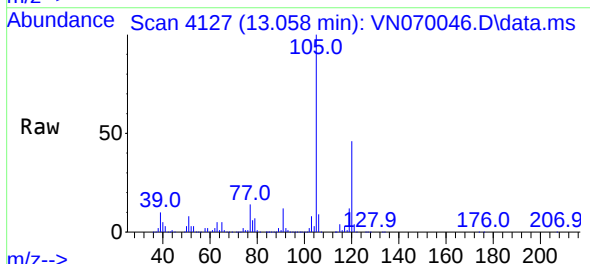
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.112 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

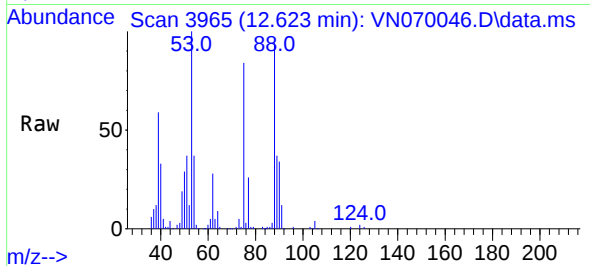
Tgt Ion:105 Resp: 799257
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.649 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

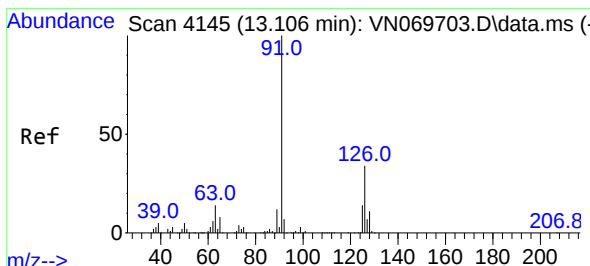
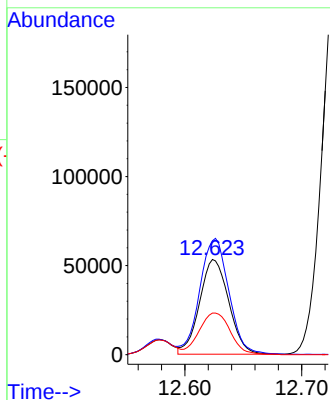
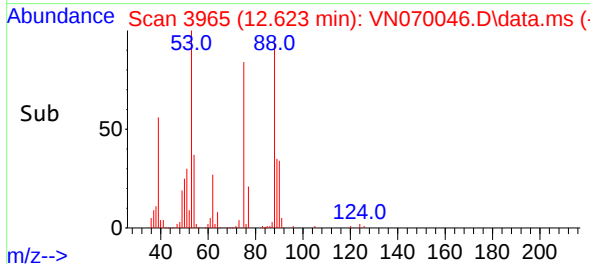
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



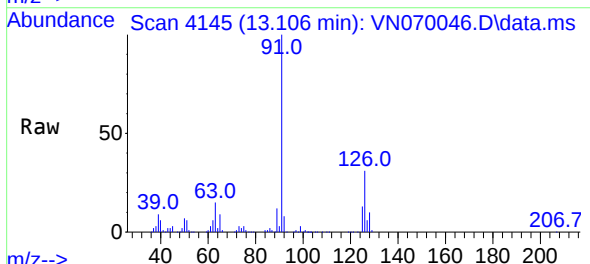
Tgt Ion: 75 Resp: 9238
Ion Ratio Lower Upper
75 100
53 122.4 90.5 135.7
89 47.4 38.2 57.4

Manual Integrations
APPROVED

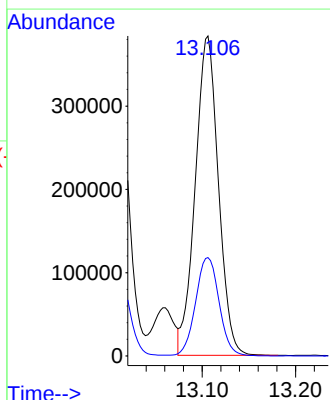
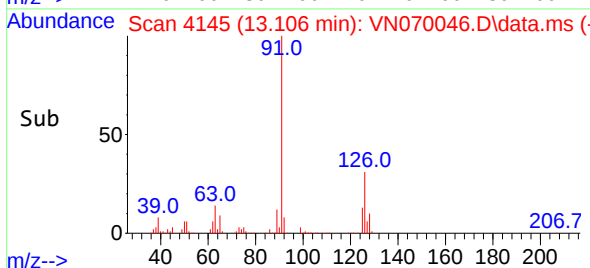
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#82
4-Chlorotoluene
Concen: 19.200 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



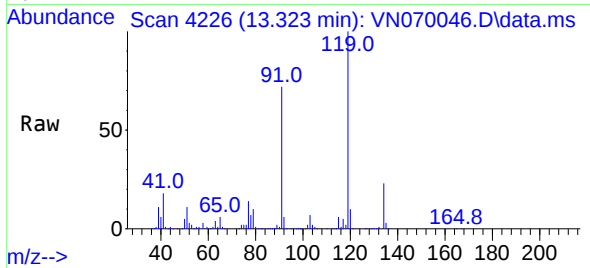
Tgt Ion: 91 Resp: 659659
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.645 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

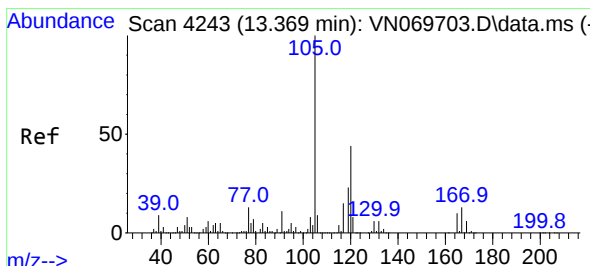
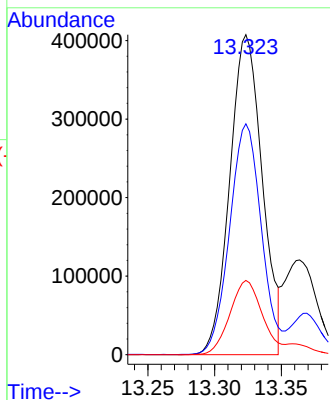
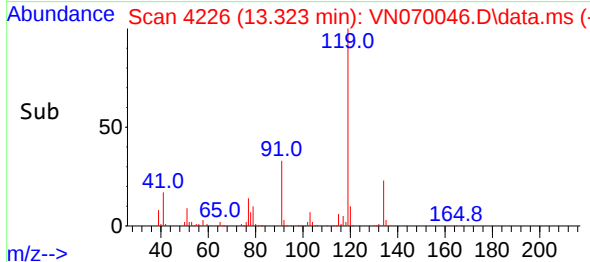
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



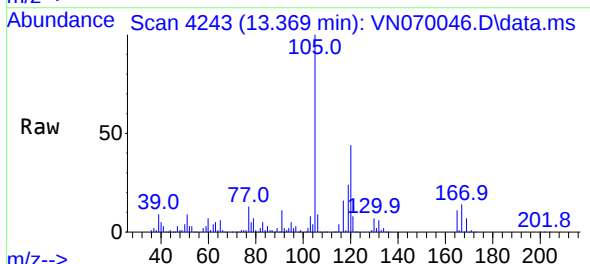
Tgt Ion:119 Resp: 690410
Ion Ratio Lower Upper
119 100
91 71.1 31.5 94.5
134 23.4 12.4 37.4

Manual Integrations
APPROVED

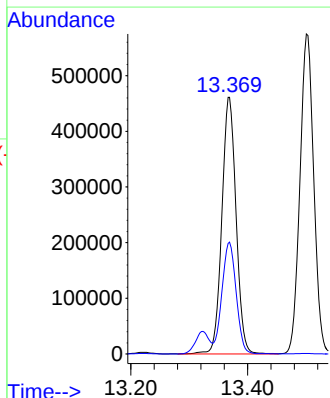
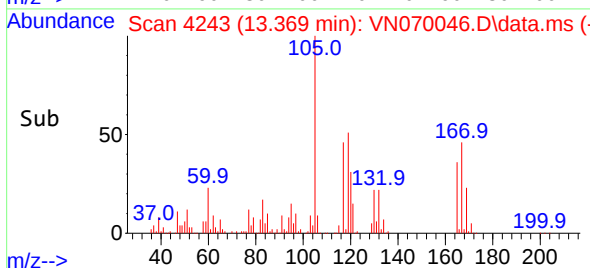
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

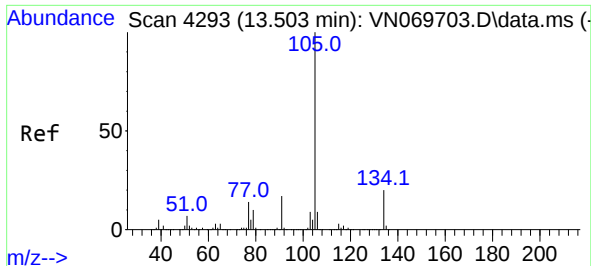


#84
1,2,4-Trimethylbenzene
Concen: 19.594 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion:105 Resp: 780369
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





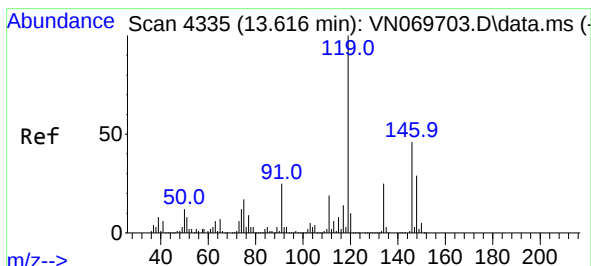
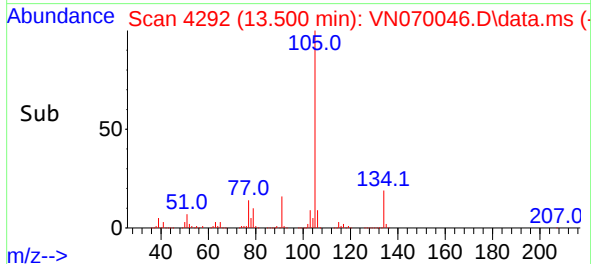
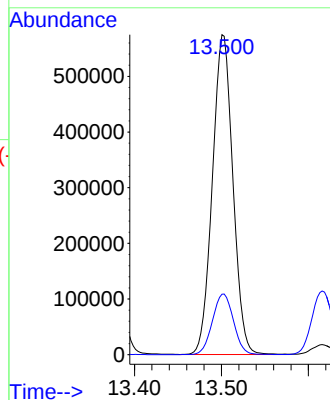
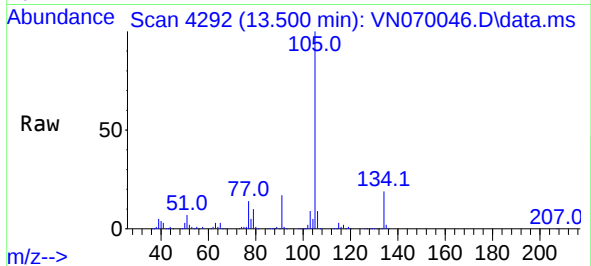
#85
 sec-Butylbenzene
 Concen: 18.716 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD02

Tgt Ion:105 Resp: 940073
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

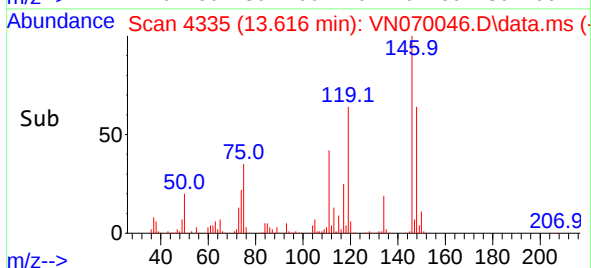
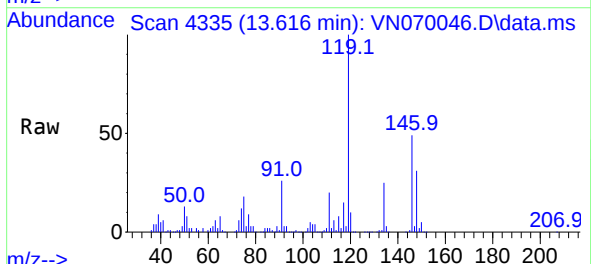
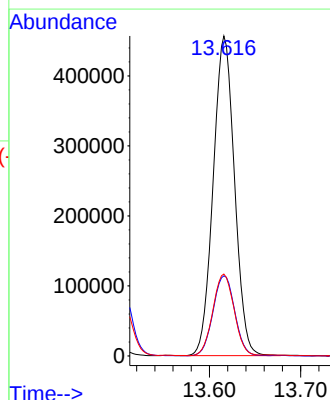
Manual Integrations
 APPROVED

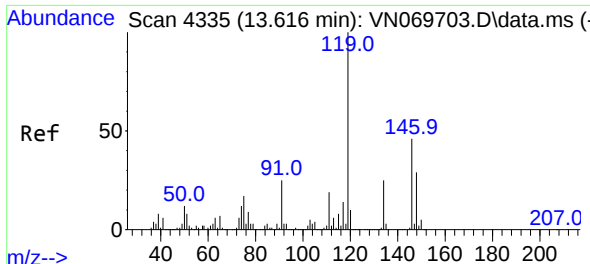
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 18.852 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070046.D
 Acq: 13 Dec 2021 22:26

Tgt Ion:119 Resp: 740171
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.6 40.7
 91 25.5 11.4 34.1





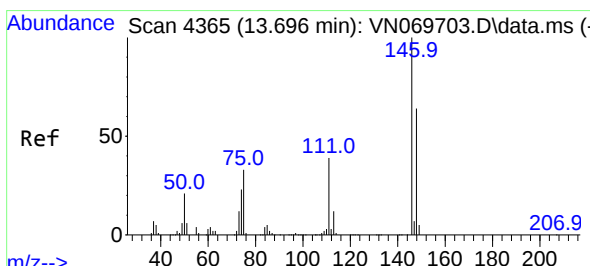
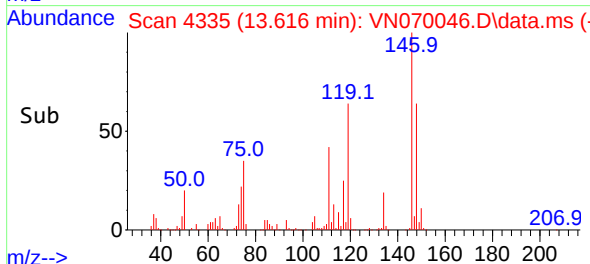
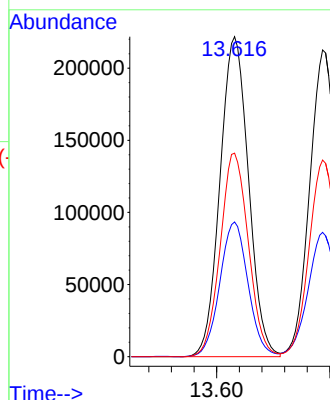
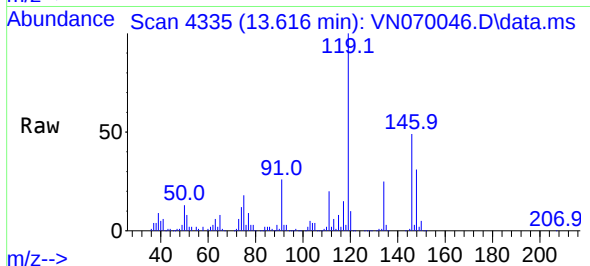
#87
1,3-Dichlorobenzene
Concen: 19.316 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02

Tgt Ion:146 Resp: 387269
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.1 31.6 95.0

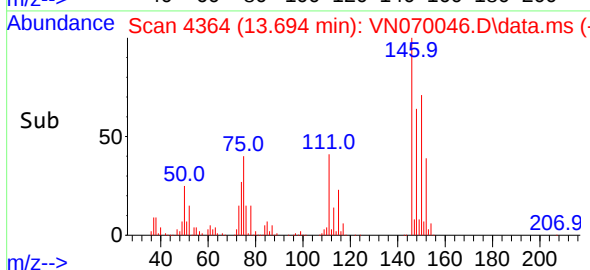
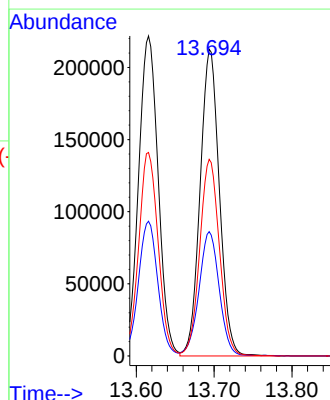
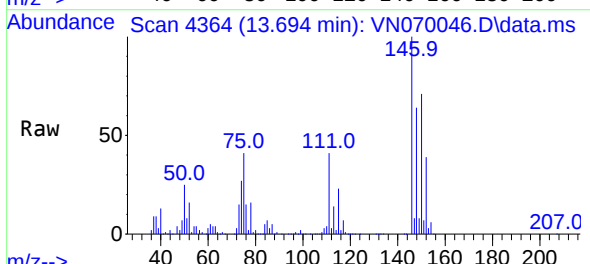
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 18.619 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

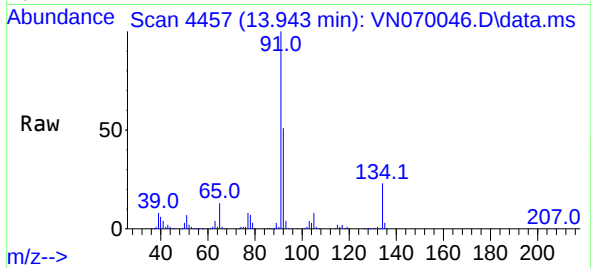
Tgt Ion:146 Resp: 366853
Ion Ratio Lower Upper
146 100
111 42.3 18.3 54.8
148 65.2 31.8 95.4





#89
n-Butylbenzene
Concen: 18.032 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

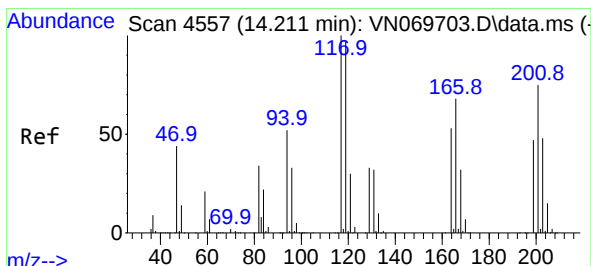
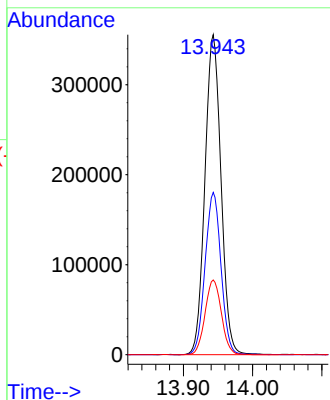
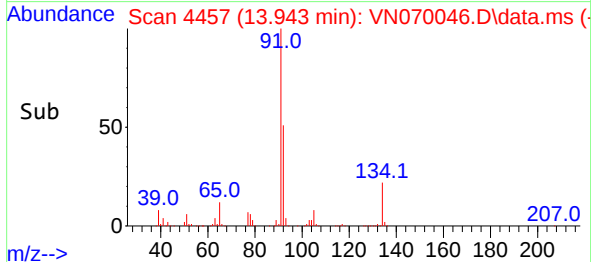
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



Tgt Ion: 91 Resp: 57429
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.0
134 23.7 13.6 40.8

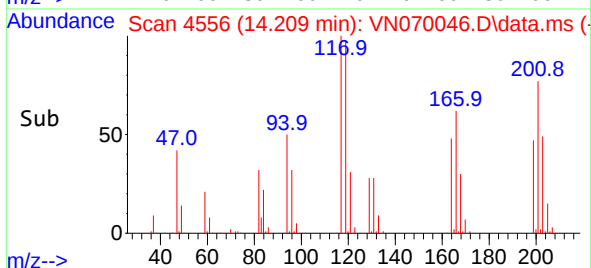
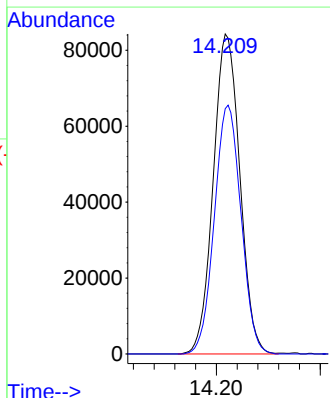
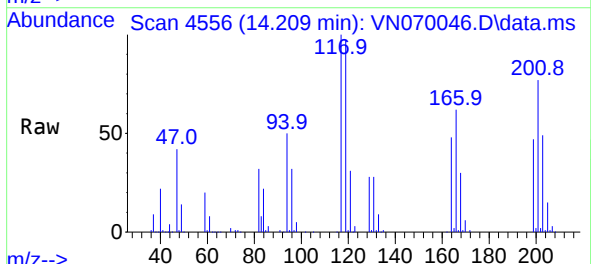
Manual Integrations
APPROVED

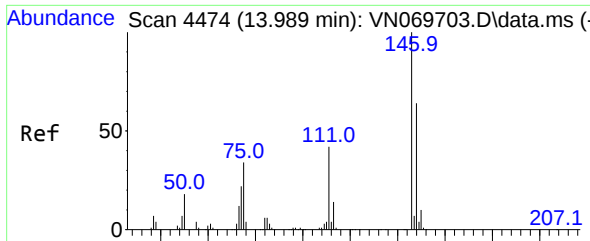
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#90
Hexachloroethane
Concen: 21.774 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

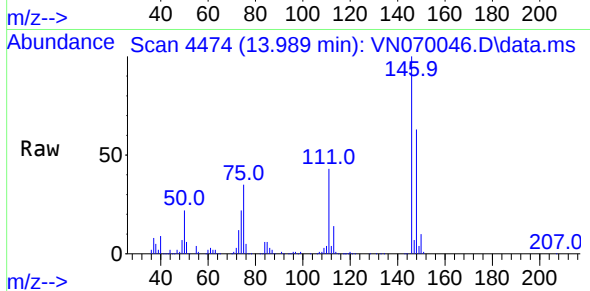
Tgt Ion:117 Resp: 150089
Ion Ratio Lower Upper
117 100
201 77.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.170 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

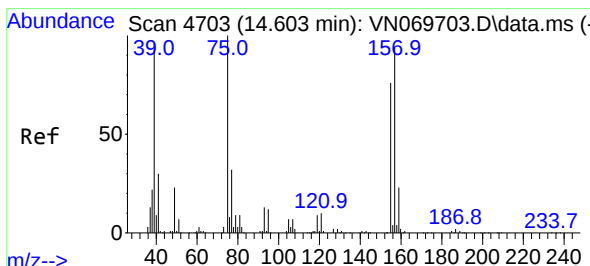
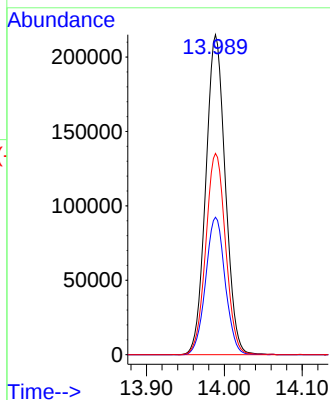
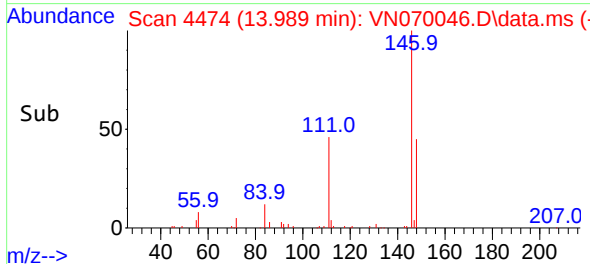
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



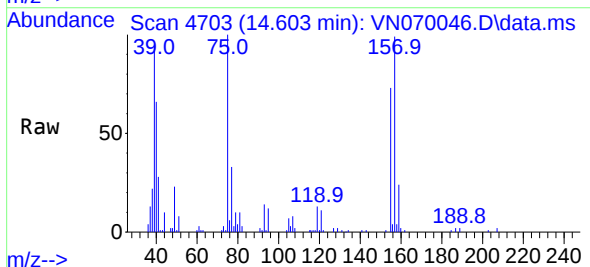
Tgt Ion:146 Resp: 37449
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

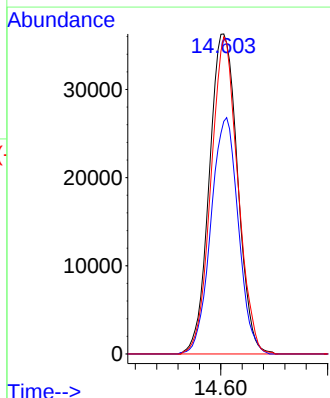
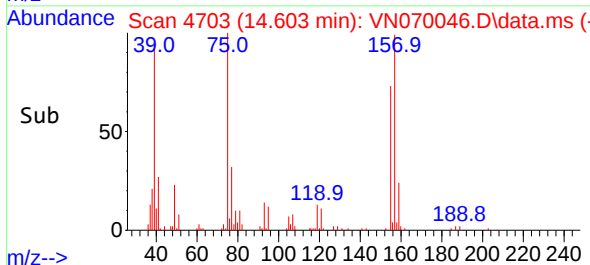
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

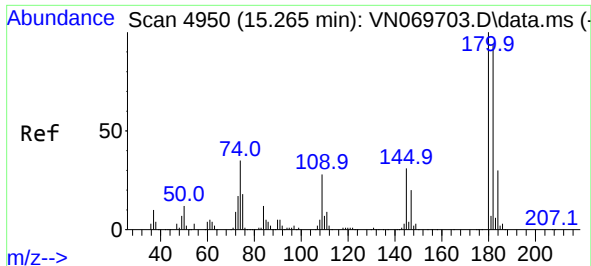


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.497 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion: 75 Resp: 66546
Ion Ratio Lower Upper
75 100
155 71.8 46.9 140.7
157 94.1 60.6 181.7





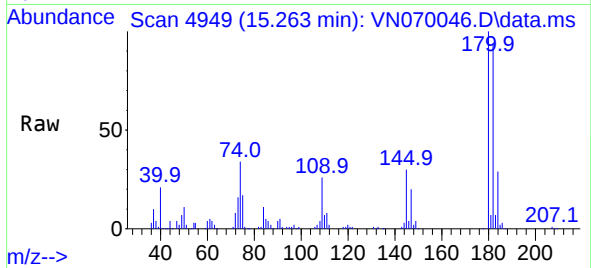
#93
1,2,4-Trichlorobenzene
Concen: 19.014 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

Instrument :

MSVOA_N

ClientSampleId :

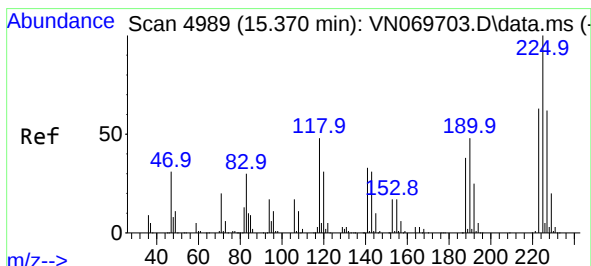
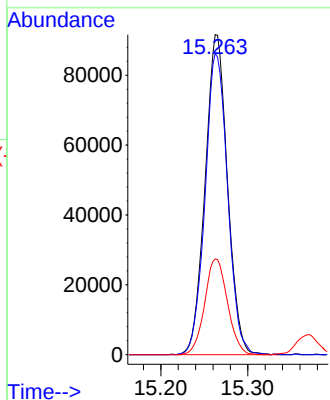
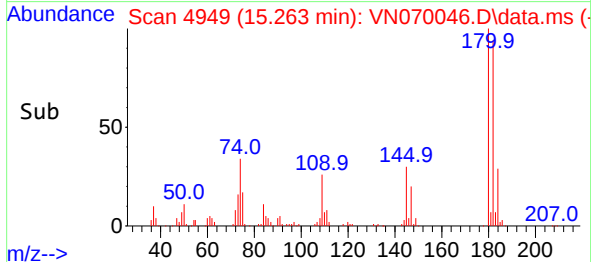
VN1213WBSD02



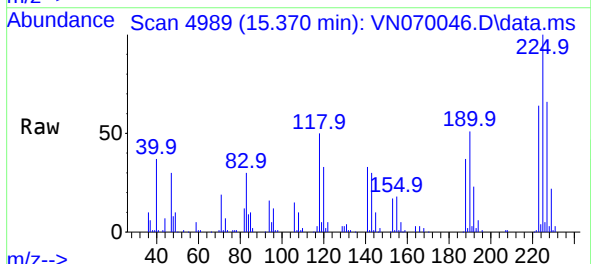
Tgt Ion:180 Resp: 16404
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

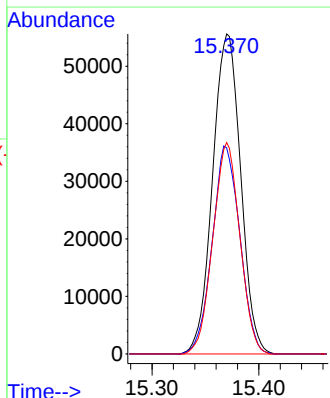
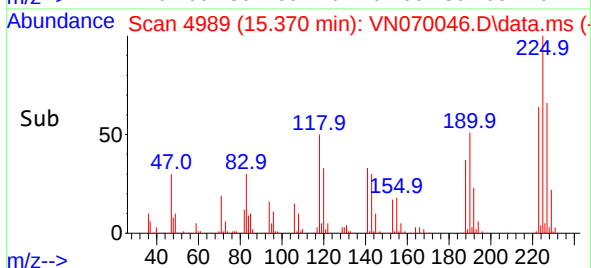
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

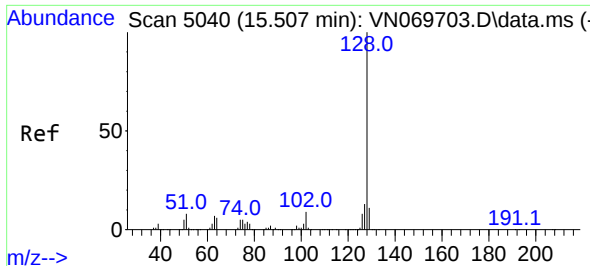


#94
Hexachlorobutadiene
Concen: 19.618 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



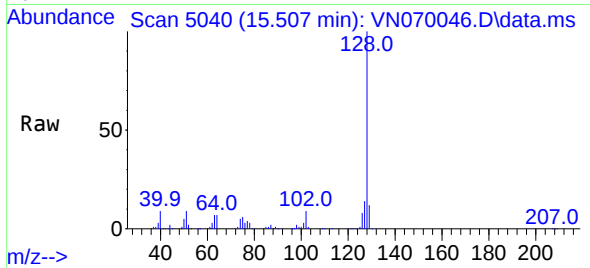
Tgt Ion:225 Resp: 101568
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 18.375 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26

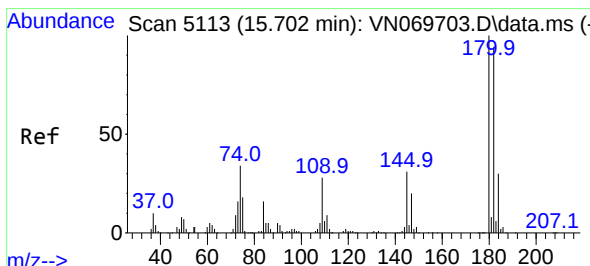
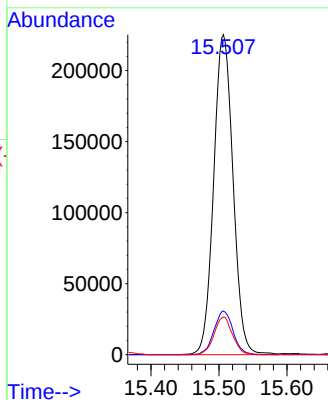
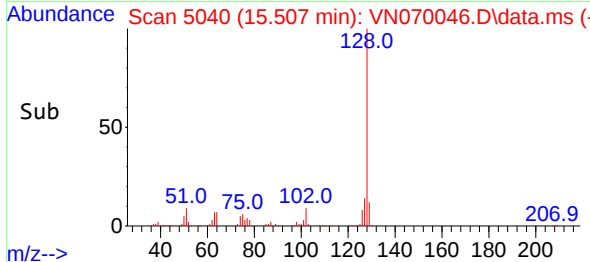
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBSD02



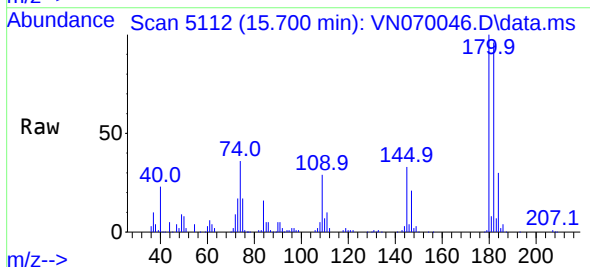
Tgt Ion:128 Resp: 446247
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.007 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070046.D
Acq: 13 Dec 2021 22:26



Tgt Ion:180 Resp: 162667
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 32.6 15.0 45.1

