

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071337.D
 Acq On : 16 Mar 2022 23:14
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 17 06:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:07:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Semsettin Yesilyurt 03/21/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	118038	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	652495	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	569734	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	282428	27.559	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.867%
60) 4-Bromofluorobenzene	12.727	95	246810	26.610	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.700%
63) Toluene-d8	10.439	98	828454	31.586	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	32885	3.922	ug/l	95
3) Chloromethane	2.299	50	49998	5.039	ug/l	96
4) Vinyl Chloride	2.440	62	44006	4.712	ug/l	99
5) Bromomethane	2.834	94	25750	5.061	ug/l	99
6) Chloroethane	3.005	64	27859	5.130	ug/l	98
7) Trichlorofluoromethane	3.363	101	56743	4.715	ug/l	97
8) Diethyl Ether	3.828	74	25131	5.164	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.216	101	32296m	4.605	ug/l	
10) 1,1-Dichloroethene	4.175	96	32794	4.846	ug/l	98
11) Methyl Iodide	4.422	142	40100	4.267	ug/l	85
12) Methyl Acetate	4.857	43	72158	4.489	ug/l #	89
13) Acrolein	4.040	56	40755	28.299	ug/l	99
14) Acrylonitrile	5.557	53	131276	26.422	ug/l	96
15) Acetone	4.287	58	35102	21.339	ug/l	98
16) Carbon Disulfide	4.528	76	83621	4.210	ug/l	96
17) Allyl chloride	4.846	41	63870	4.244	ug/l	75
18) Methylene Chloride	5.093	84	42350	5.164	ug/l	92
19) trans-1,2-Dichloroethene	5.604	96	33645	4.698	ug/l	96
20) Diisopropyl ether	6.487	45	135188	4.676	ug/l #	95
21) 1,1-Dichloroethane	6.387	63	70699	4.594	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	42217	4.933	ug/l	97
23) tert-Butyl Alcohol	5.369	59	44975	27.348	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	123642	5.045	ug/l	95
25) Chloroform	7.816	83	71463	4.712	ug/l	95
26) Cyclohexane	8.098	56	63414	4.494	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	49916	4.481	ug/l	95
30) 2-Butanone	7.334	43	184131	23.888	ug/l	94
31) 2,2-Dichloropropane	7.322	77	50302	4.352	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	60804	4.669	ug/l	97
33) Carbon Tetrachloride	8.204	117	48576	4.246	ug/l	92
34) Benzene	8.457	78	163919	4.912	ug/l #	82
35) Methacrylonitrile	7.634	41	35424	4.825	ug/l	80
36) 1,2-Dichloroethane	8.528	62	59829	4.624	ug/l	99
37) Trichloroethene	9.216	130	37648	4.753	ug/l	98
38) Methylcyclohexane	9.457	83	56925	4.283	ug/l	92
39) 1,2-Dichloropropane	9.487	63	42700	4.797	ug/l	93
40) Dibromomethane	9.581	93	27245	4.696	ug/l	91
41) Bromodichloromethane	9.757	83	52392	4.304	ug/l	95
42) Vinyl Acetate	6.428	43	572061	24.480	ug/l	98

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 ALS Vial : 32 Sample Multiplier: 1

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 ClientSampleId :
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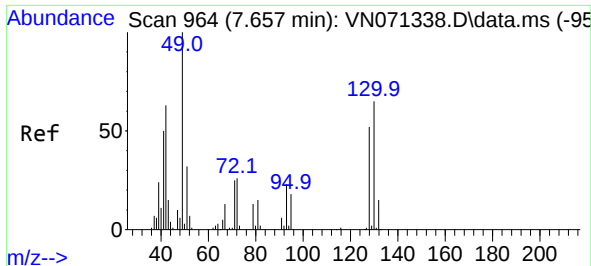
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 17 06:08:58 2022
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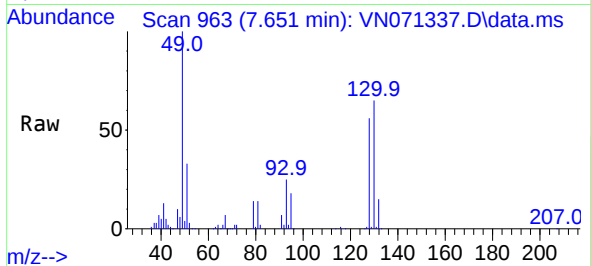
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	71810	5.166	ug/l	95
44) Isopropyl Acetate	8.557	43	127966	5.758	ug/l	93
45) 1,4-Dioxane	9.569	88	20264	122.219	ug/l	88
46) Methyl methacrylate	9.557	41	49306	4.804	ug/l	82
47) n-amyl Acetate	12.386	43	60151	3.871	ug/l	93
48) t-1,3-Dichloropropene	10.716	75	53657	4.294	ug/l	95
49) cis-1,3-Dichloropropene	10.186	75	58533	4.322	ug/l	93
50) 1,1,2-Trichloroethane	10.892	97	39655	4.964	ug/l	99
51) Ethyl methacrylate	10.757	69	58748	4.484	ug/l	86
52) 1,3-Dichloropropane	11.045	76	69894	4.919	ug/l	98
53) Dibromochloromethane	11.233	129	36979	4.168	ug/l	95
54) 1,2-Dibromoethane	11.345	107	39576	4.822	ug/l	94
55) 2-Chloroethyl vinyl ether	10.039	63	79176	28.177	ug/l	98
56) Bromoform	12.451	173	28034	4.145	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	337679	25.245	ug/l	97
59) 2-Hexanone	11.081	43	248990	25.233	ug/l	99
61) Tetrachloroethene	10.975	164	32528	4.964	ug/l	93
62) Toluene	10.504	91	166174	4.950	ug/l	96
64) Chlorobenzene	11.769	112	97796	4.893	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.839	131	35292	4.694	ug/l	95
66) Ethyl Benzene	11.839	91	168673	4.540	ug/l	99
67) m/p-Xylenes	11.951	106	125127	9.180	ug/l	100
68) o-Xylene	12.275	106	63385	4.667	ug/l	99
69) Styrene	12.292	104	90239	4.117	ug/l	97
70) Isopropylbenzene	12.575	105	154769	4.378	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.822	83	62278	5.291	ug/l	97
72) 1,2,3-Trichloropropane	12.875	75	55897m	5.294	ug/l	
73) Bromobenzene	12.857	156	38216	4.659	ug/l	94
74) n-propylbenzene	12.916	91	160765	3.968	ug/l	99
75) 2-Chlorotoluene	13.004	91	109694	4.398	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	121358	4.204	ug/l	96
77) t-1,4-Dichloro-2-butene	12.622	75	15020	4.318	ug/l	97
78) 4-Chlorotoluene	13.098	91	95737	4.043	ug/l	96
79) tert-butylbenzene	13.322	119	113301	4.465	ug/l	95
80) 1,2,4-Trimethylbenzene	13.363	105	114124	4.078	ug/l #	80
81) sec-Butylbenzene	13.498	105	141911	4.063	ug/l	100
82) p-Isopropyltoluene	13.610	119	110059	3.954	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	57348	4.162	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	53683	4.059	ug/l	99
85) n-Butylbenzene	13.939	91	71443	3.136	ug/l	95
86) Hexachloroethane	14.204	117	22399	4.057	ug/l	78
87) 1,2-Dichlorobenzene	13.986	146	57714	4.338	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	9879	4.344	ug/l	99
89) 1,2,4-Trichlorobenzene	15.263	180	19561	3.168	ug/l	98
90) Hexachlorobutadiene	15.368	225	16032	4.441	ug/l	97
91) Naphthalene	15.504	128	49998	2.989	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	21308	3.605	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

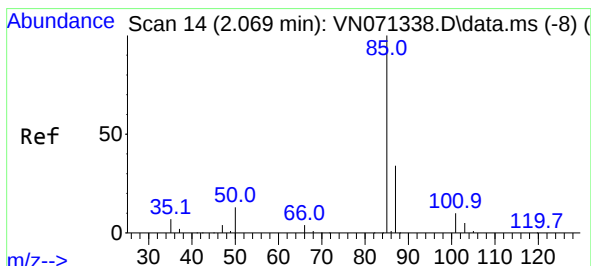
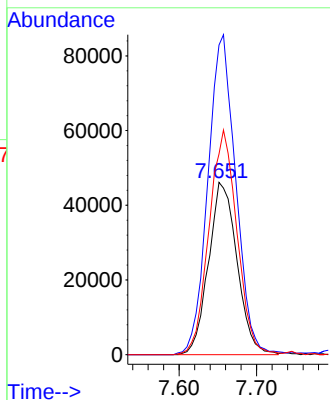
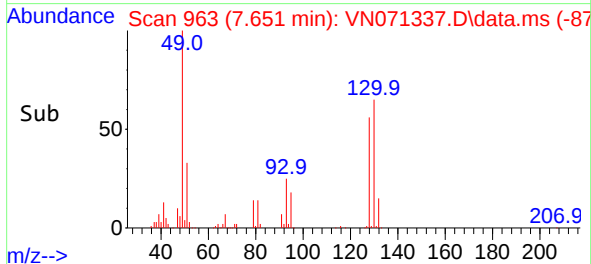
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 118038
Ion Ratio Lower Upper
128 100
49 181.5 0.0 392.3
130 128.5 0.0 320.2

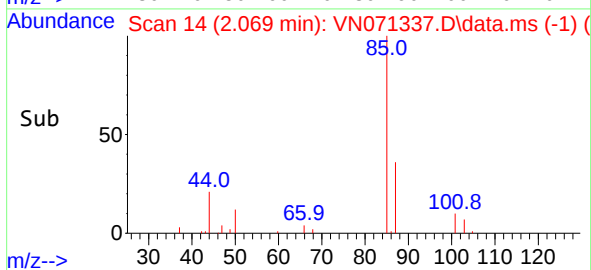
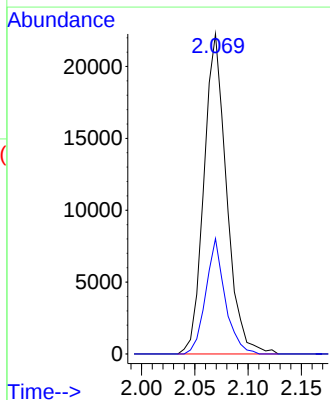
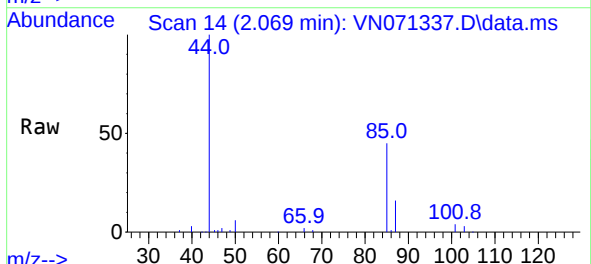
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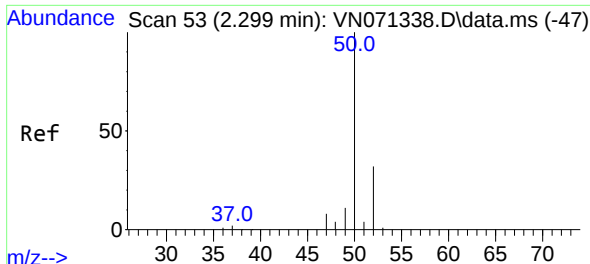
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#2
Dichlorodifluoromethane
Concen: 3.922 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

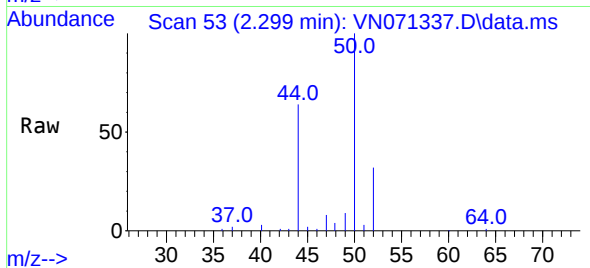
Tgt Ion: 85 Resp: 32885
Ion Ratio Lower Upper
85 100
87 36.0 16.6 49.7





#3
Chloromethane
Concen: 5.039 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

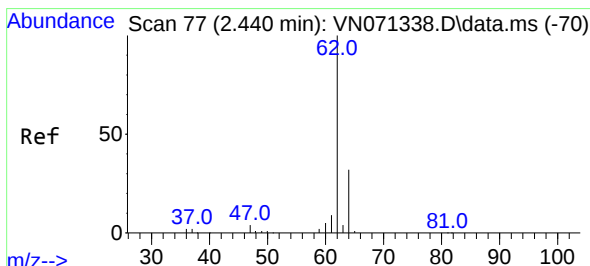
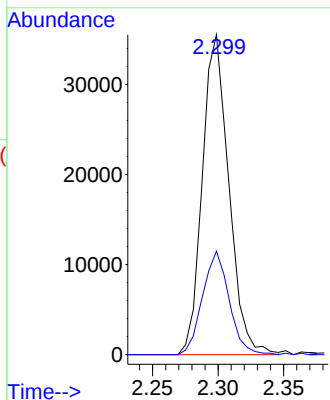
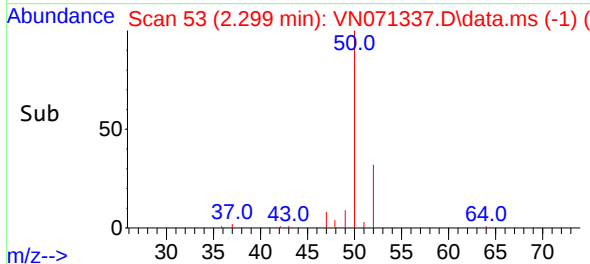
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



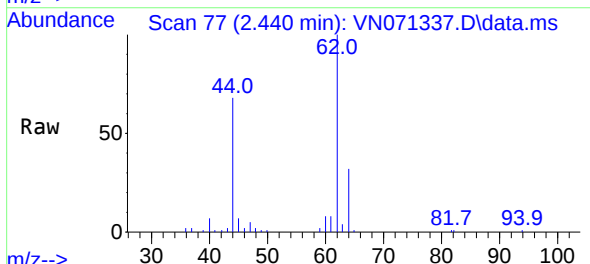
Tgt Ion: 50 Resp: 49998
Ion Ratio Lower Upper
50 100
52 32.3 27.8 41.6

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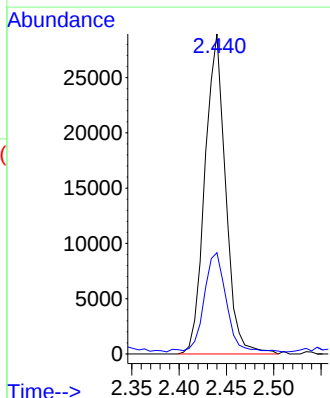
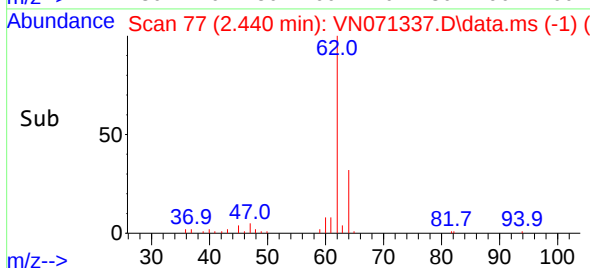
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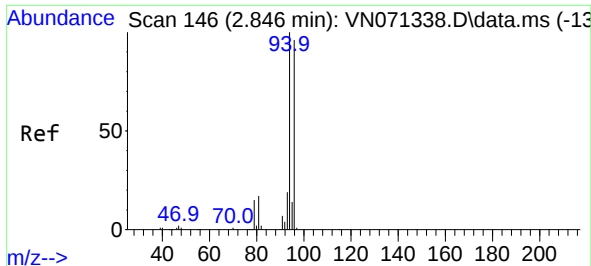


#4
Vinyl Chloride
Concen: 4.712 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



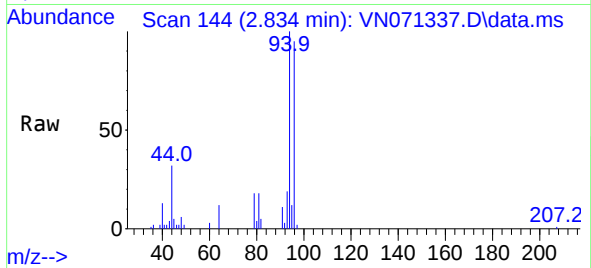
Tgt Ion: 62 Resp: 44006
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 5.061 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

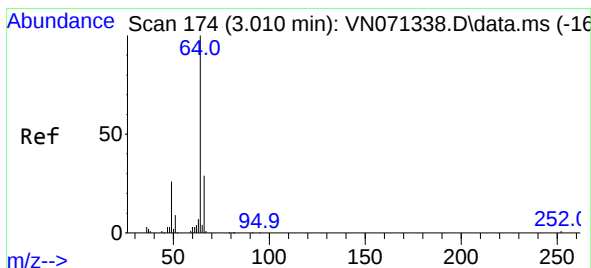
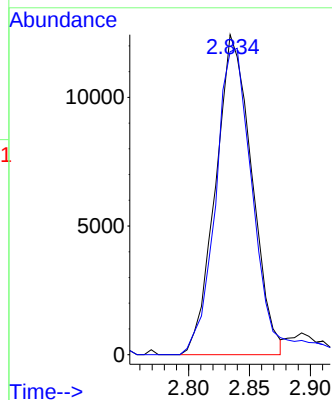
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 25750
Ion Ratio Lower Upper
94 100
96 94.6 75.2 112.8

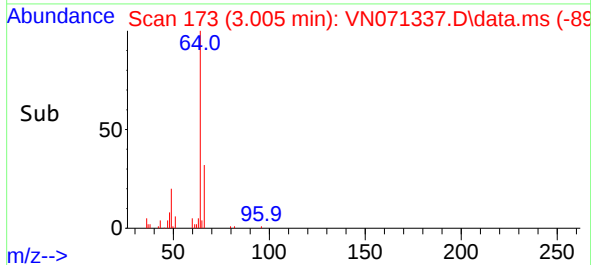
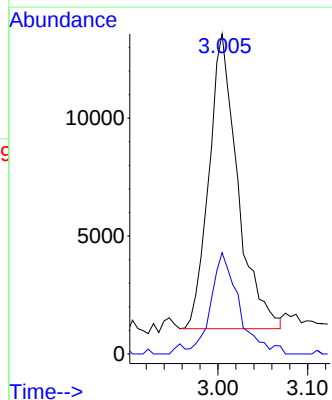
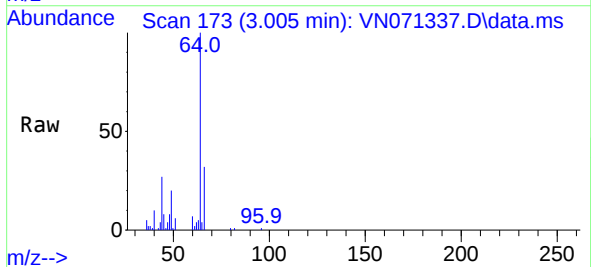
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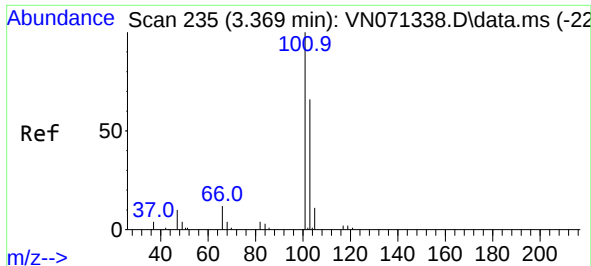
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#6
Chloroethane
Concen: 5.130 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 64 Resp: 27859
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





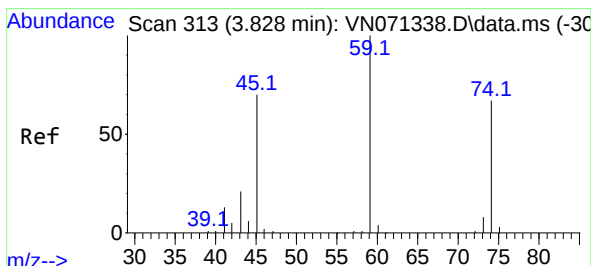
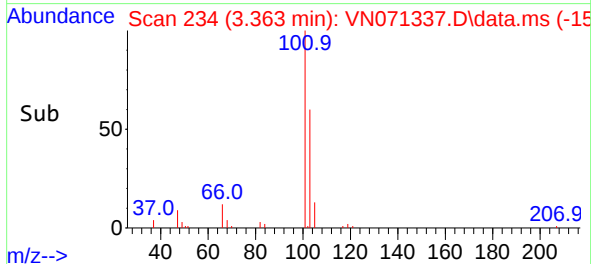
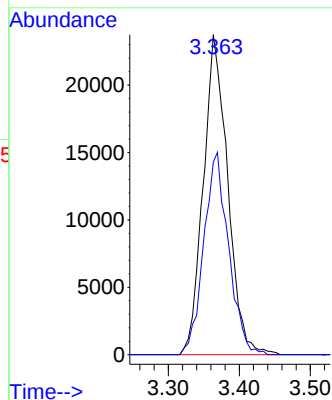
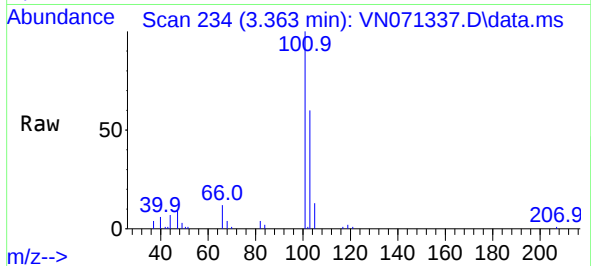
#7
Trichlorofluoromethane
Concen: 4.715 ug/l
RT: 3.363 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5674
Ion Ratio Lower Upper
101 100
103 60.2 50.1 75.1

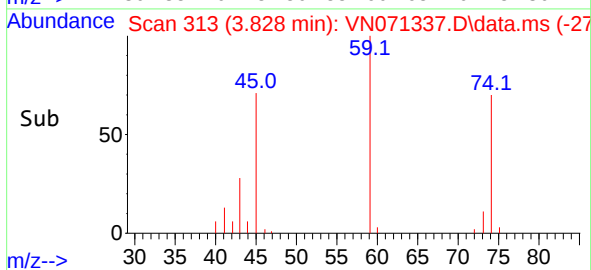
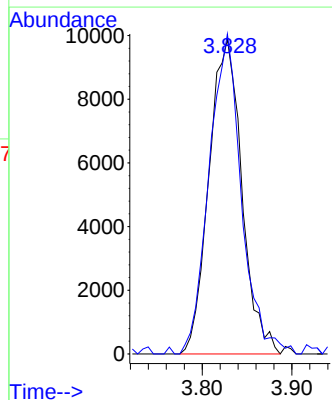
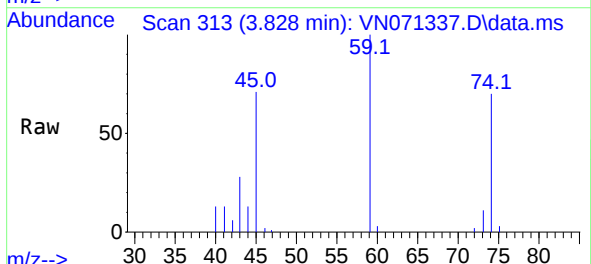
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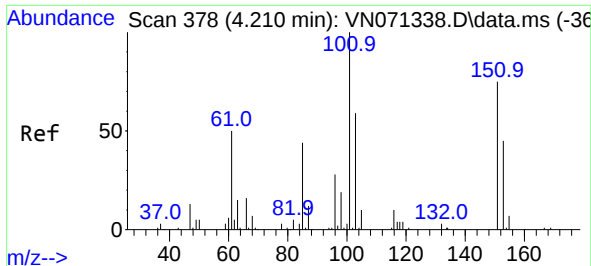
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#8
Diethyl Ether
Concen: 5.164 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 74 Resp: 25131
Ion Ratio Lower Upper
74 100
45 97.7 17.6 158.8





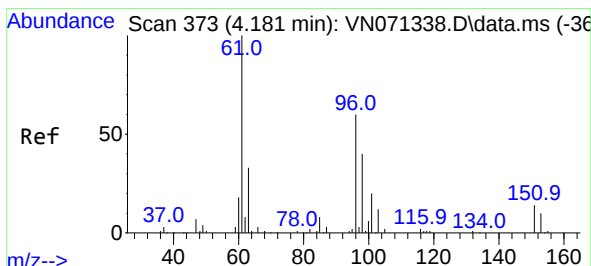
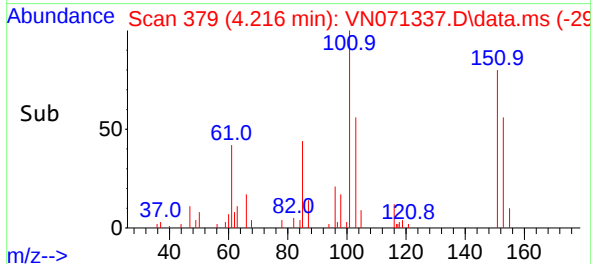
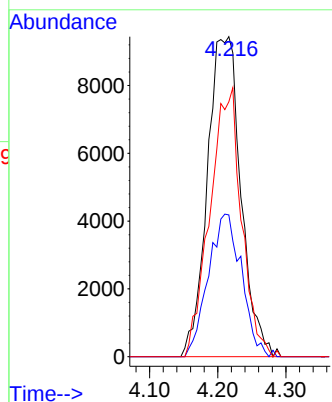
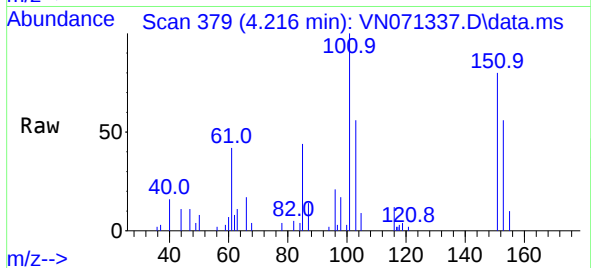
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1,1,2-Trichlorotrifluoroethane
Concen: 4.605 ug/l m
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 32290
Ion Ratio Lower Upper
101 100
85 44.1 0.0 94.0
151 42.0 0.0 74.6

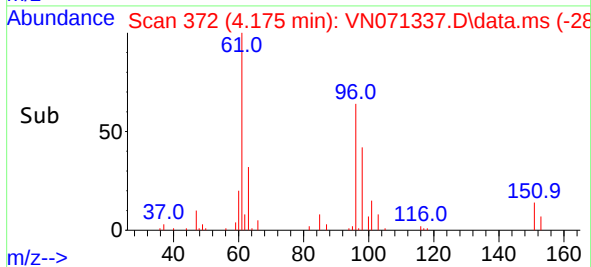
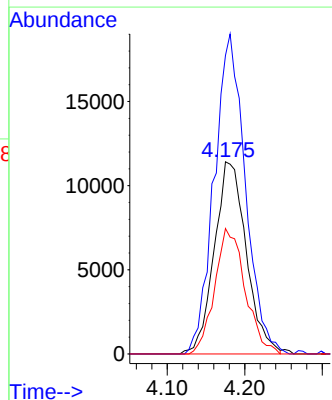
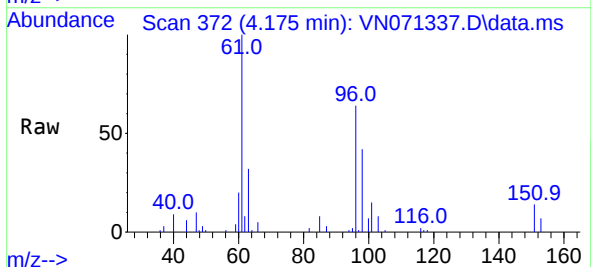
Manual Integrations
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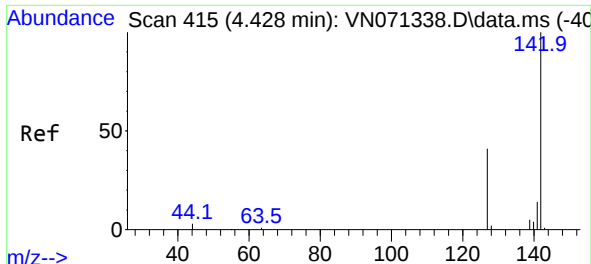
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#10
1,1-Dichloroethene
Concen: 4.846 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

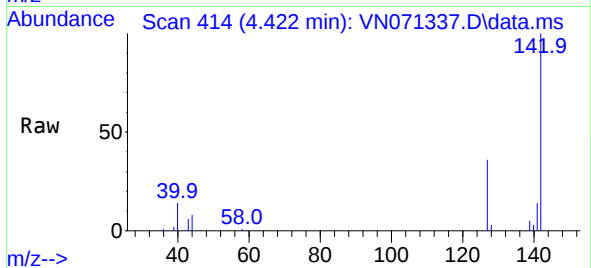
Tgt Ion: 96 Resp: 32794
Ion Ratio Lower Upper
96 100
61 155.4 126.2 189.4
98 65.3 50.9 76.3





#11
Methyl Iodide
Concen: 4.267 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

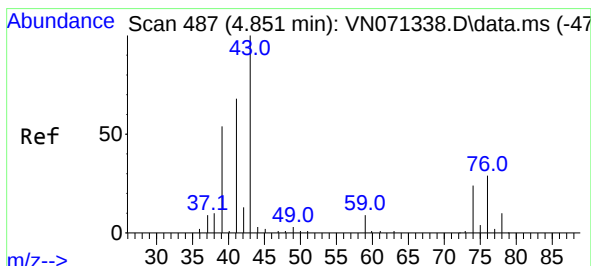
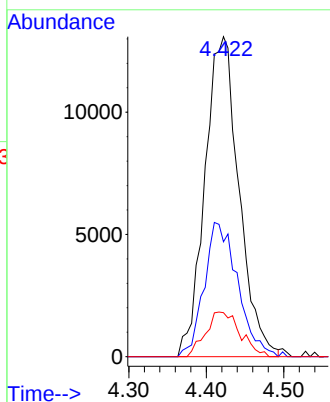
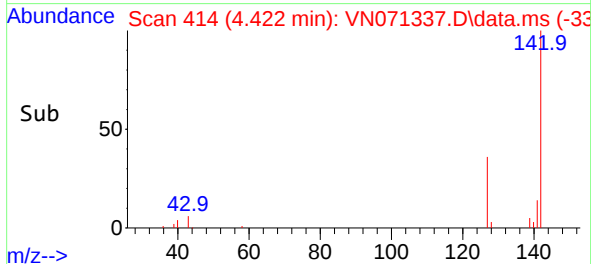
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 40100
Ion Ratio Lower Upper
142 100
127 36.3 24.0 72.0
141 13.9 8.4 25.2

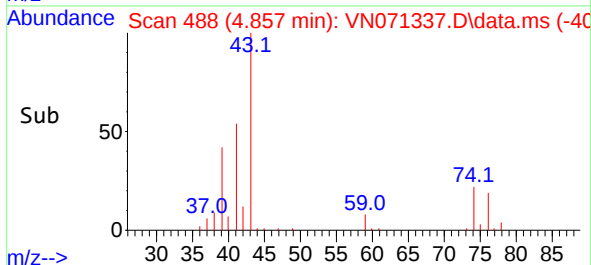
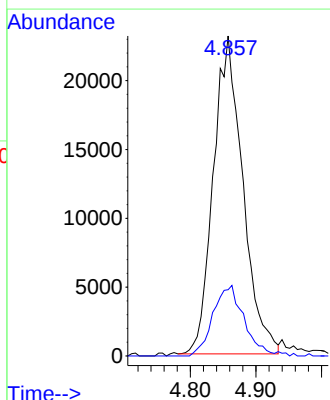
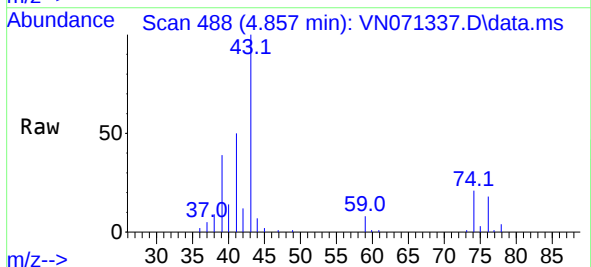
Manual Integrations
APPROVED

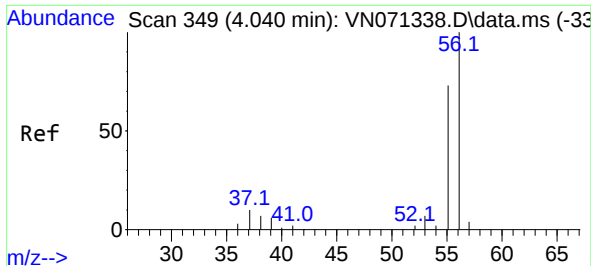
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#12
Methyl Acetate
Concen: 4.489 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

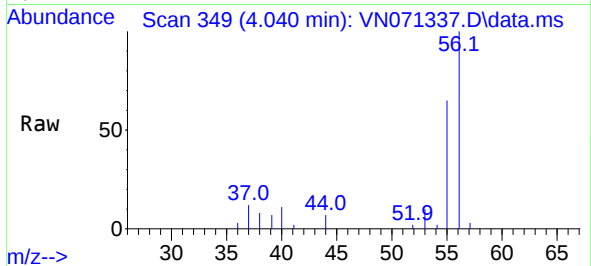
Tgt Ion: 43 Resp: 72158
Ion Ratio Lower Upper
43 100
74 20.4 20.8 31.2#





#13
Acrolein
Concen: 28.299 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

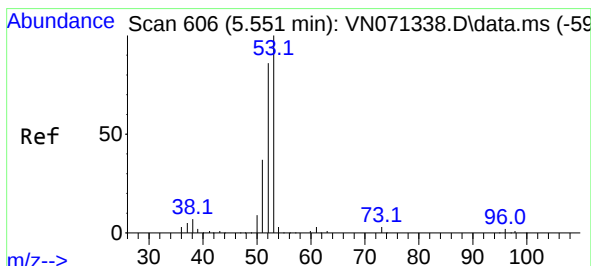
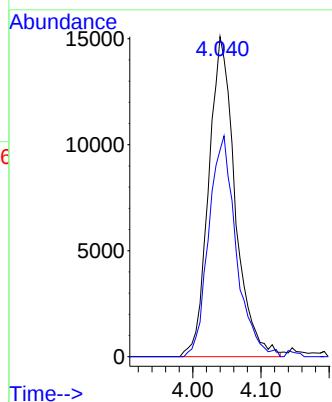
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 4075
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4

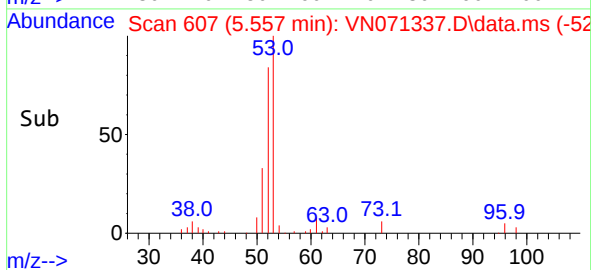
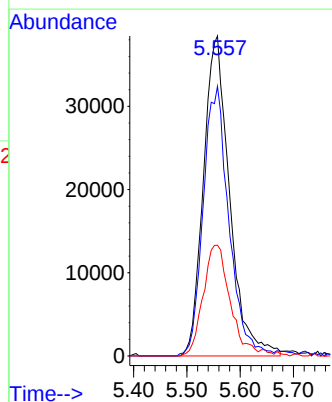
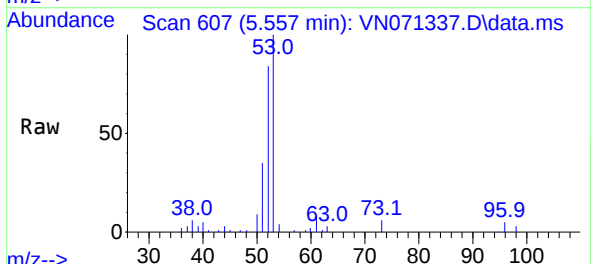
Manual Integrations
APPROVED

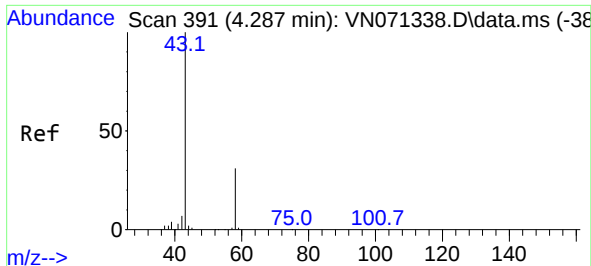
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#14
Acrylonitrile
Concen: 26.422 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

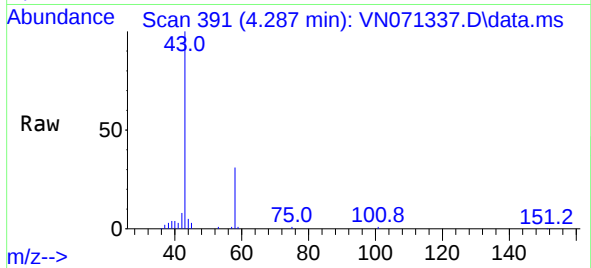
Tgt Ion: 53 Resp: 131276
Ion Ratio Lower Upper
53 100
52 81.5 41.8 125.4
51 33.8 19.0 57.0





#15
Acetone
Concen: 21.339 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

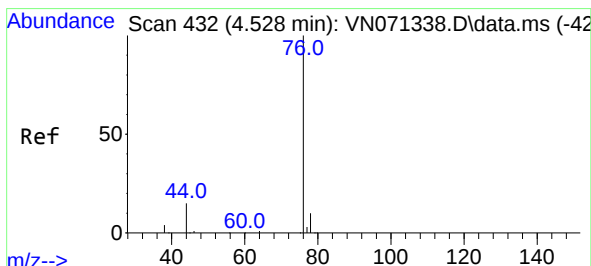
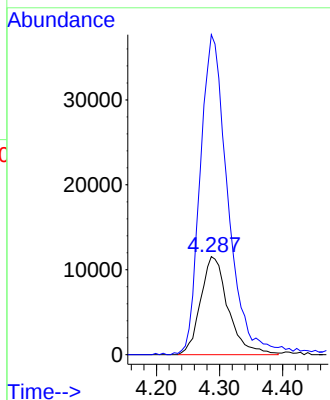
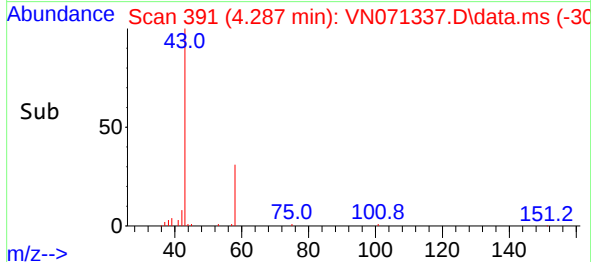
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



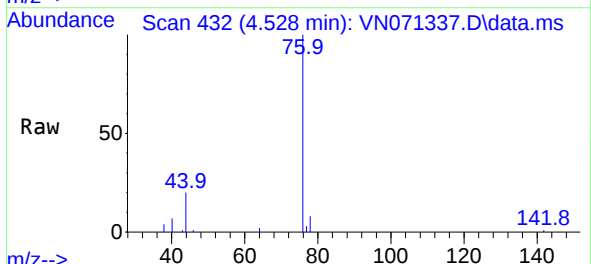
Tgt Ion: 58 Resp: 35102
Ion Ratio Lower Upper
58 100
43 325.1 256.6 384.8

Manual Integrations
APPROVED

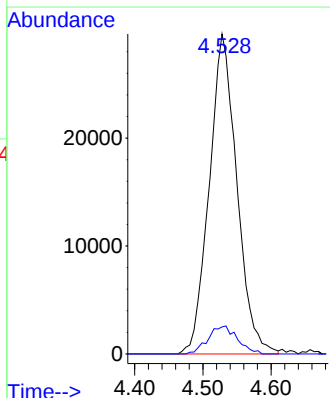
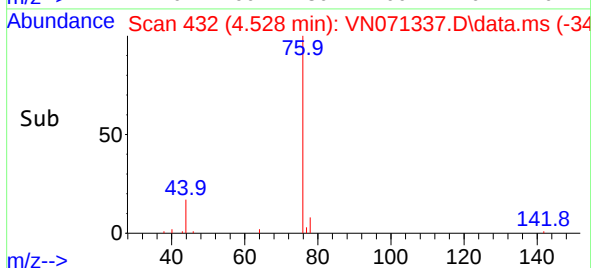
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

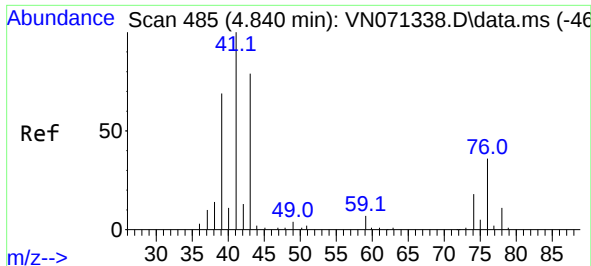


#16
Carbon Disulfide
Concen: 4.210 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



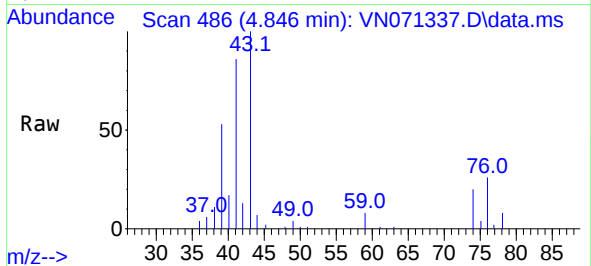
Tgt Ion: 76 Resp: 83621
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8





#17
 Allyl chloride
 Concen: 4.244 ug/l
 RT: 4.846 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN071337.D
 Acq: 16 Mar 2022 23:14

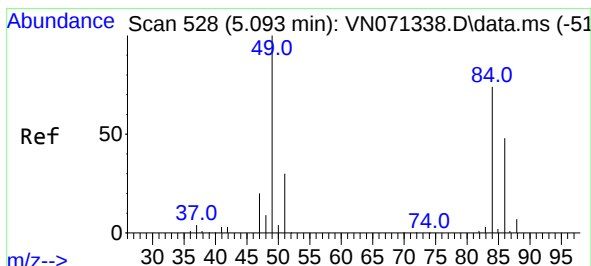
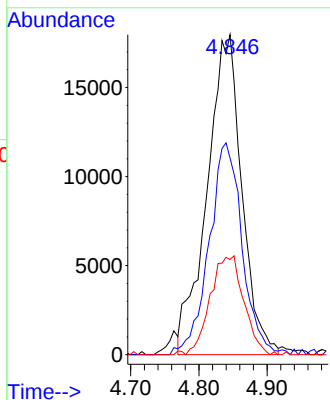
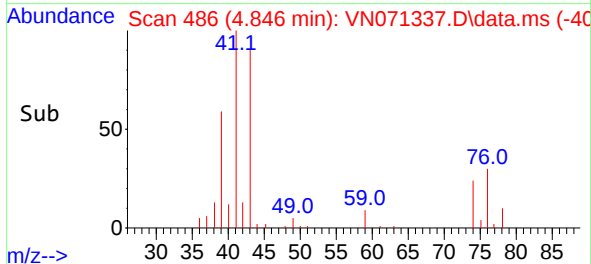
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



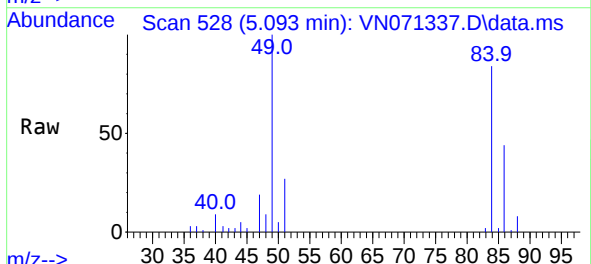
Tgt Ion: 41 Resp: 63870
 Ion Ratio Lower Upper
 41 100
 39 61.5 44.6 134.0
 76 30.3 19.6 58.7

Manual Integrations
 APPROVED

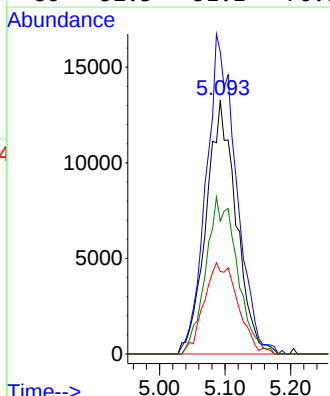
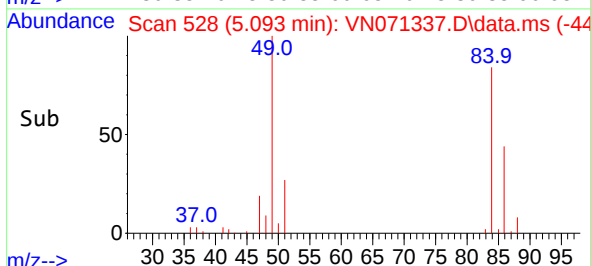
Reviewed By :John Carlone 03/17/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022

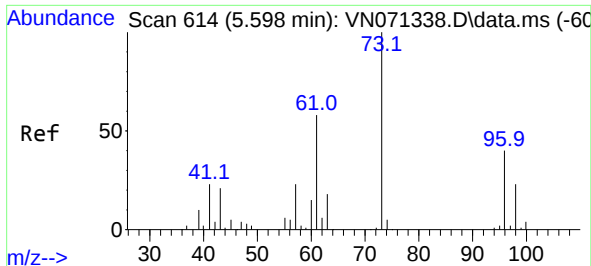


#18
 Methylene Chloride
 Concen: 5.164 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN071337.D
 Acq: 16 Mar 2022 23:14



Tgt Ion: 84 Resp: 42350
 Ion Ratio Lower Upper
 84 100
 49 118.9 91.4 137.0
 51 32.4 29.4 44.0
 86 52.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 4.698 ug/l
RT: 5.604 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

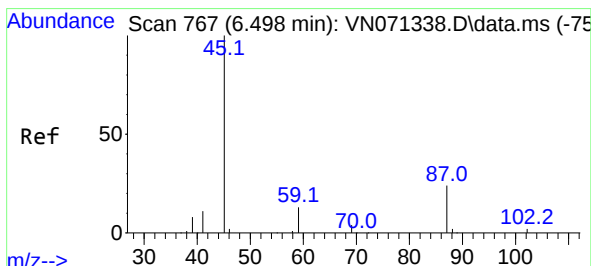
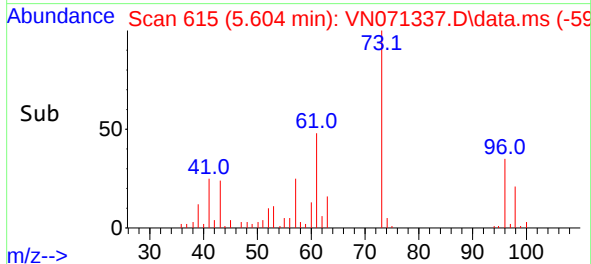
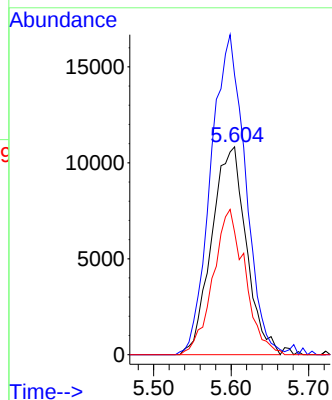
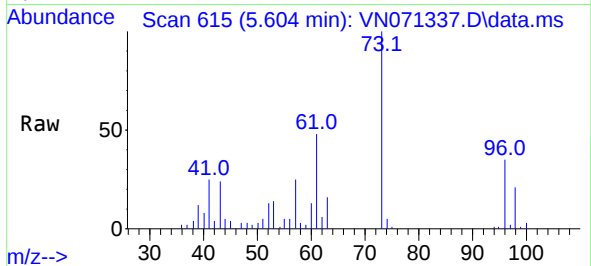
VSTDIC005

Tgt Ion: 96 Resp: 3364
Ion Ratio Lower Upper
96 100
61 133.1 102.8 154.2
98 59.0 49.3 73.9

Manual Integrations

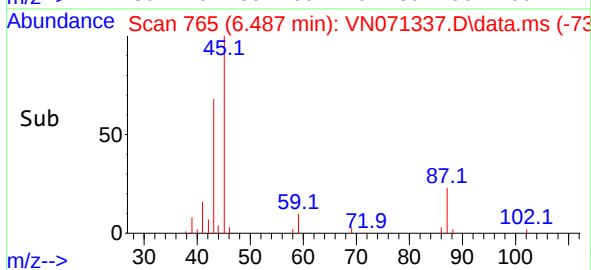
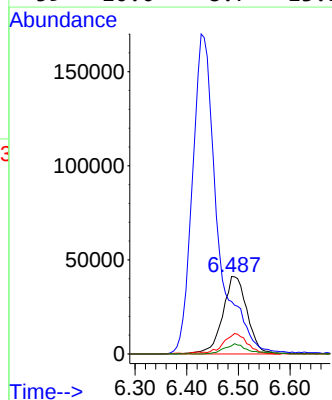
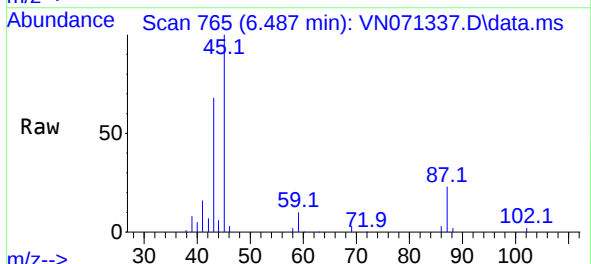
APPROVED

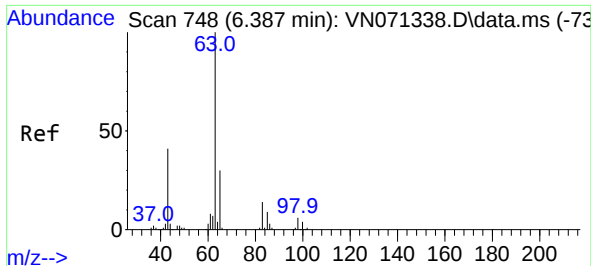
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#20
Diisopropyl ether
Concen: 4.676 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.012 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

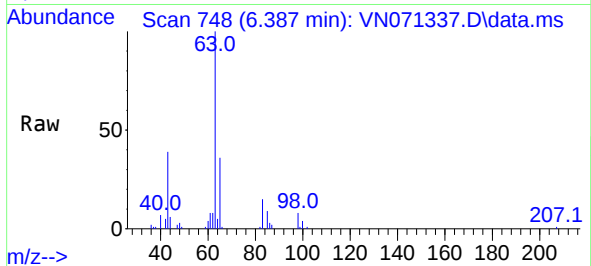
Tgt Ion: 45 Resp: 135188
Ion Ratio Lower Upper
45 100
43 64.9 51.0 76.4
87 23.2 25.0 37.4#
59 10.0 8.7 13.1





#21
1,1-Dichloroethane
Concen: 4.594 ug/l
RT: 6.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

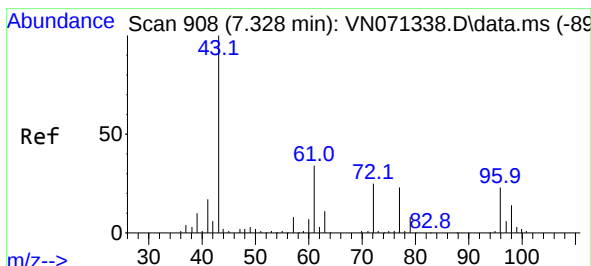
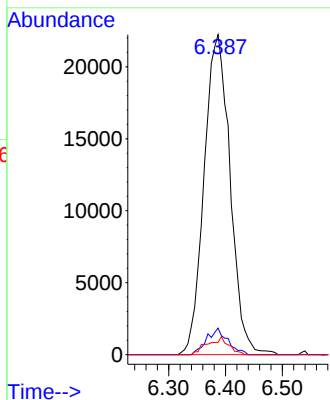
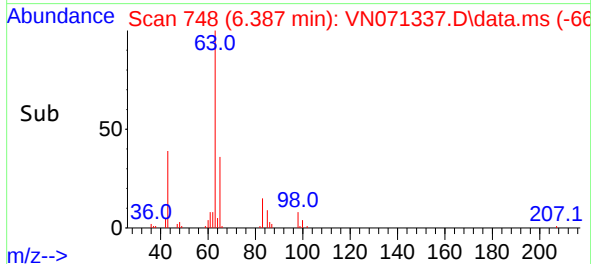
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



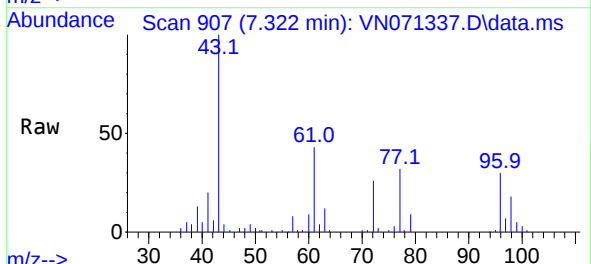
Tgt Ion: 63 Resp: 70699
Ion Ratio Lower Upper
63 100
98 8.3 3.2 9.6
100 3.8 2.1 6.2

Manual Integrations
APPROVED

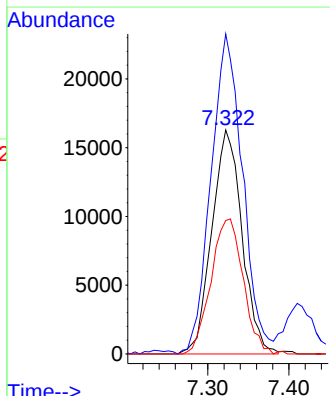
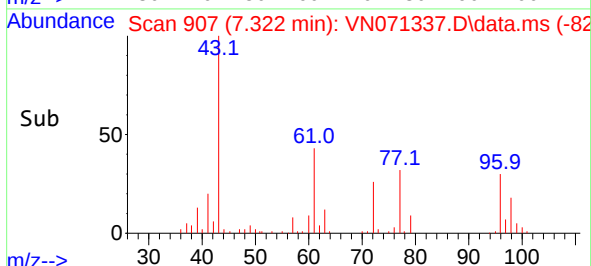
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

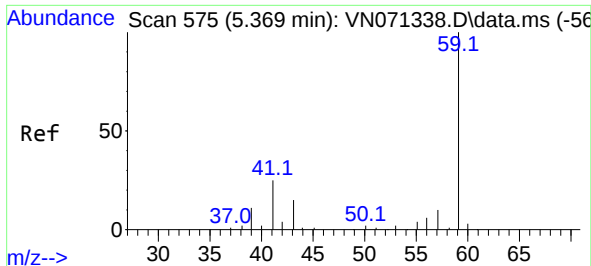


#22
cis-1,2-Dichloroethene
Concen: 4.933 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion: 96 Resp: 42217
Ion Ratio Lower Upper
96 100
61 149.2 115.7 173.5
98 64.0 51.6 77.4





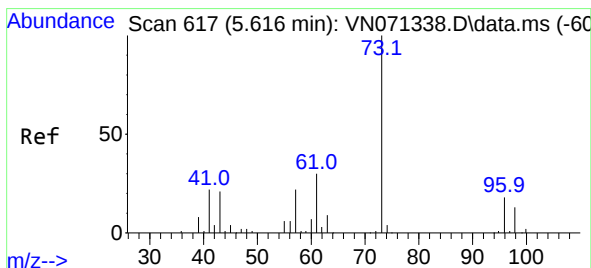
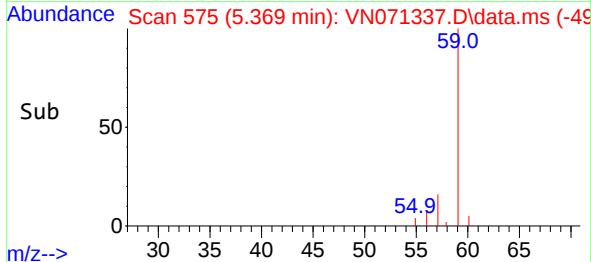
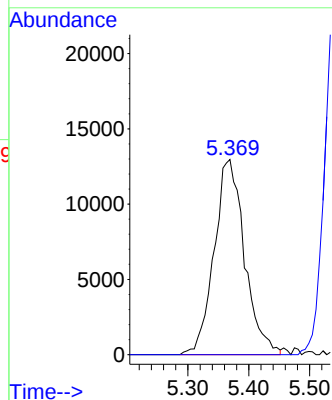
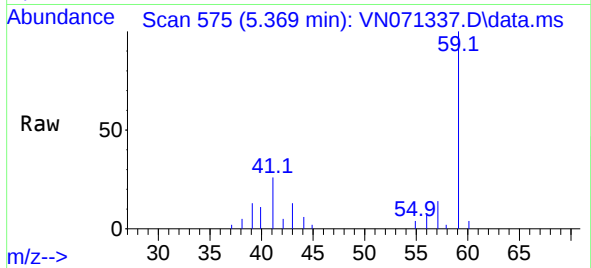
#23
tert-Butyl Alcohol
Concen: 27.348 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 44975
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

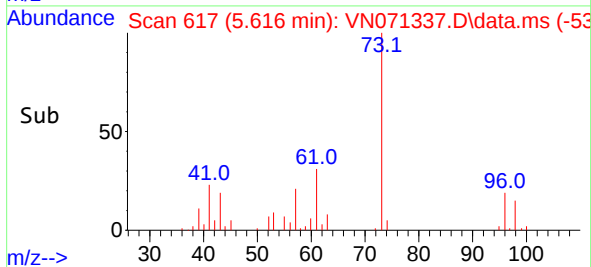
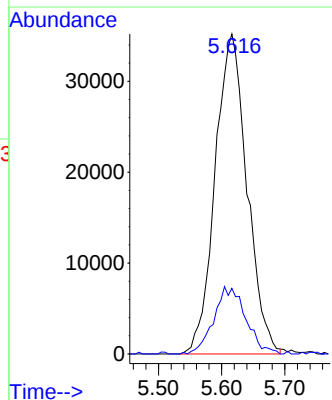
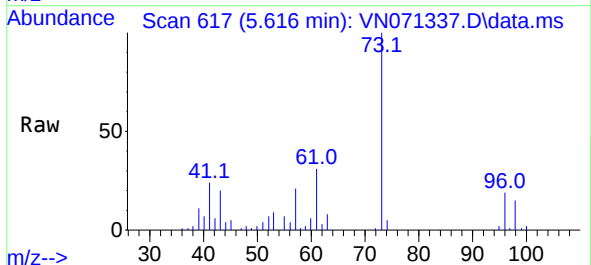
Manual Integrations
APPROVED

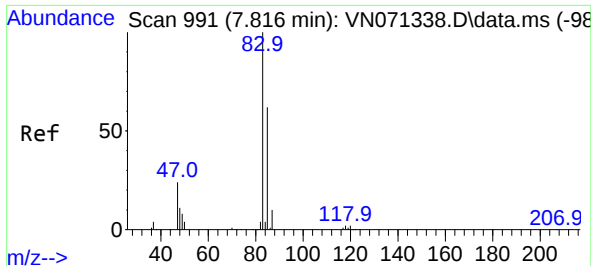
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#24
Methyl tert-Butyl Ether
Concen: 5.045 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

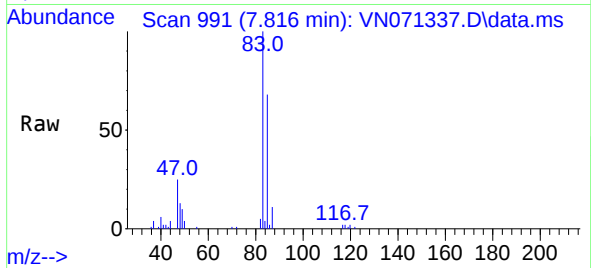
Tgt Ion: 73 Resp: 123642
Ion Ratio Lower Upper
73 100
43 20.3 18.1 27.1





#25
Chloroform
Concen: 4.712 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

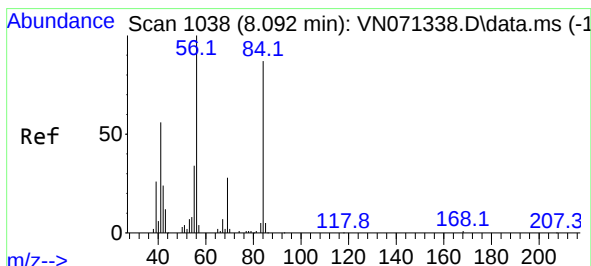
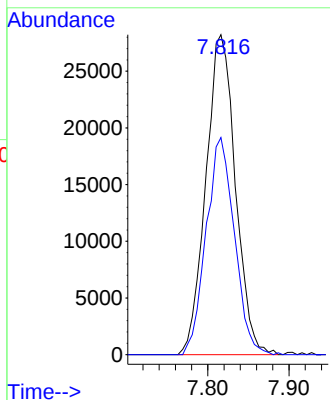
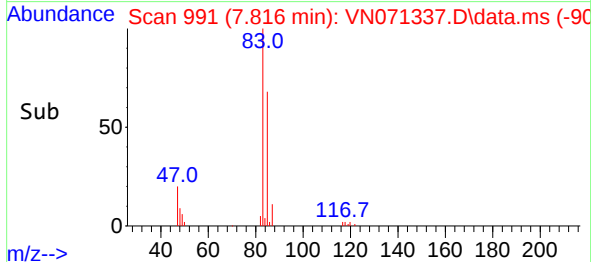
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



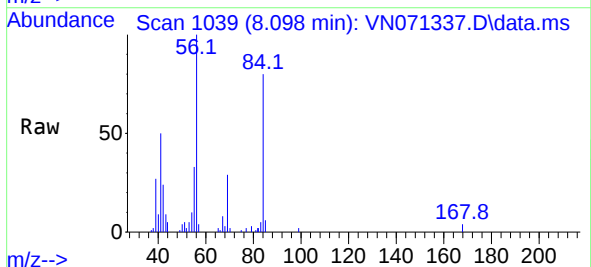
Tgt Ion: 83 Resp: 7146
Ion Ratio Lower Upper
83 100
85 67.8 51.3 76.9

Manual Integrations
APPROVED

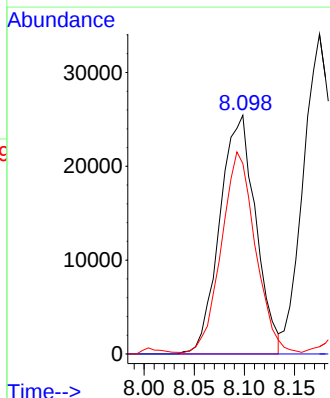
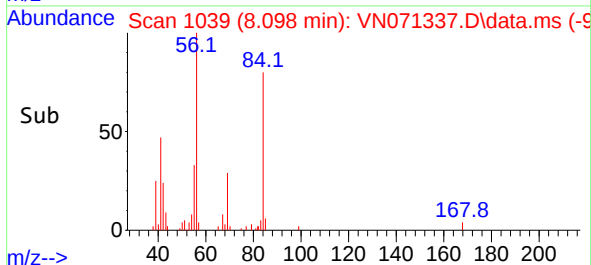
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

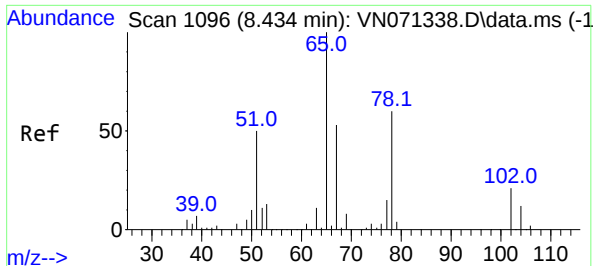


#26
Cyclohexane
Concen: 4.494 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



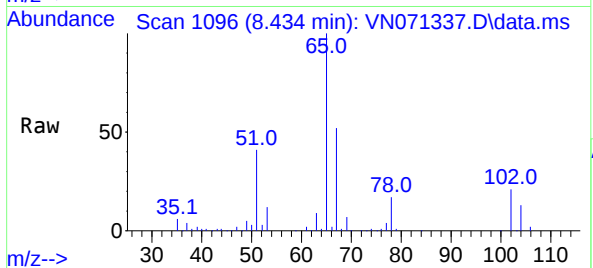
Tgt Ion: 56 Resp: 63414
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 27.559 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

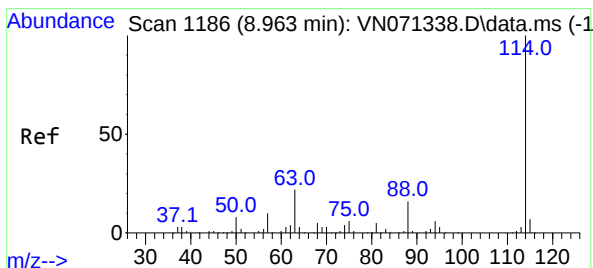
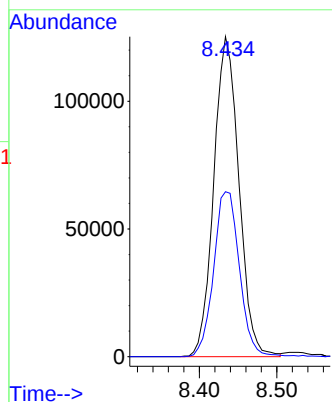
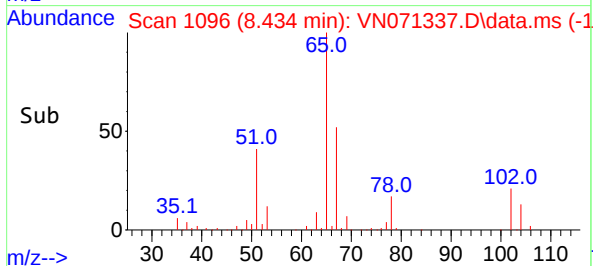
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



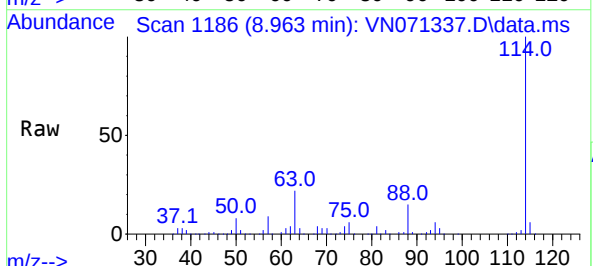
Tgt Ion: 65 Resp: 282428
Ion Ratio Lower Upper
65 100
67 52.8 40.2 60.2

Manual Integrations
APPROVED

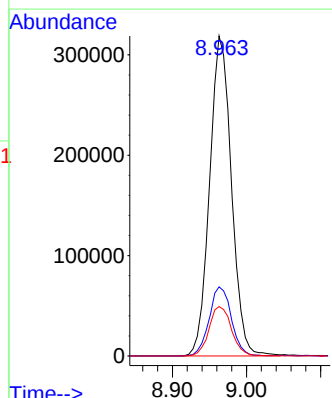
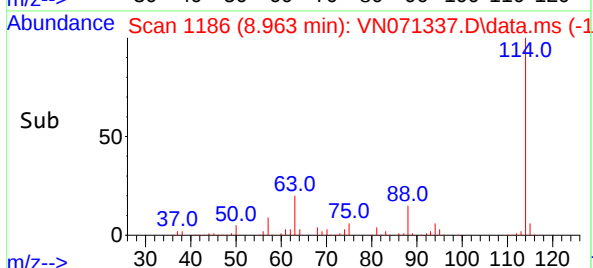
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

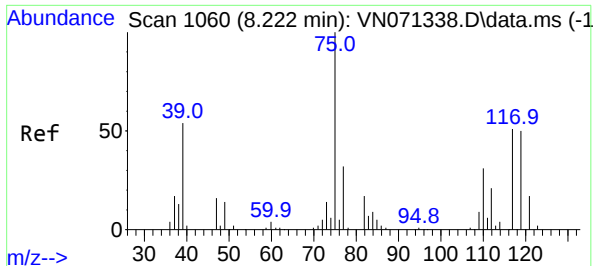


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion:114 Resp: 652495
Ion Ratio Lower Upper
114 100
63 22.0 15.8 23.6
88 16.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

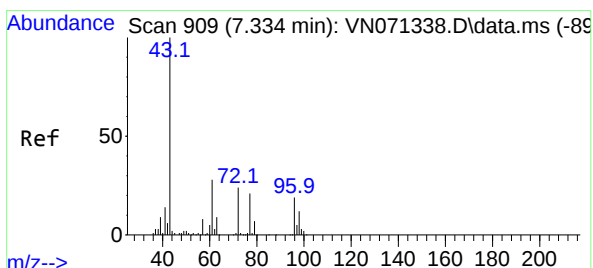
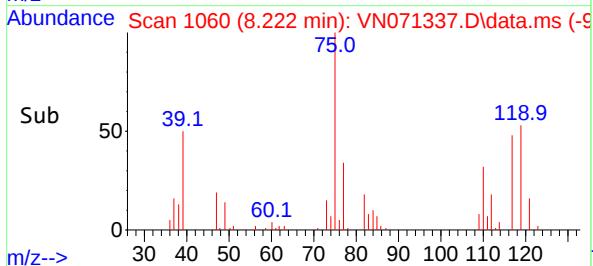
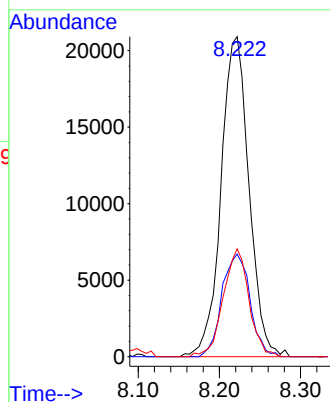
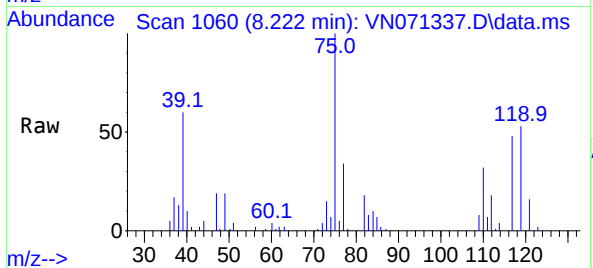
Tgt Ion: 75 Resp: 49910
Ion Ratio Lower Upper
75 100
110 32.3 0.0 74.2
77 30.8 0.0 63.2

Manual Integrations

APPROVED

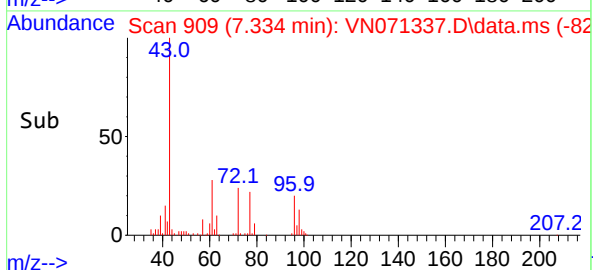
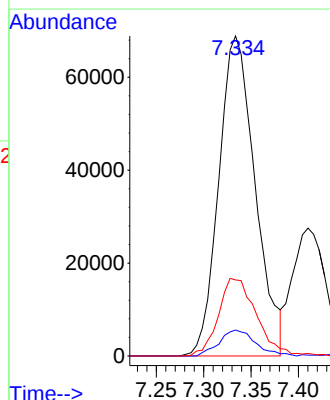
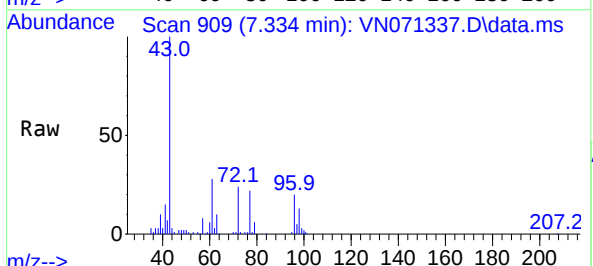
Reviewed By :John Carlone 03/17/2022

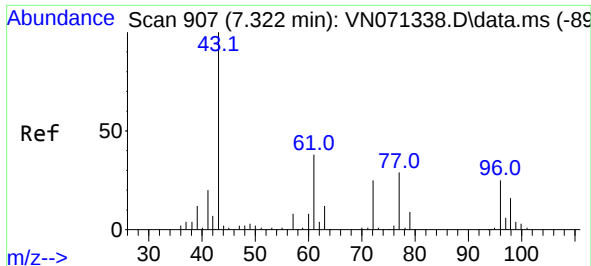
Supervised By :Semsettin Yesilyurt 03/21/2022



#30
2-Butanone
Concen: 23.888 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

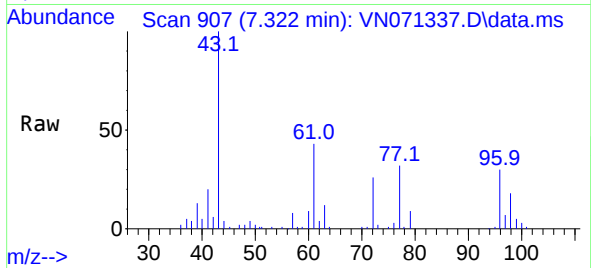
Tgt Ion: 43 Resp: 184131
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 24.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 4.352 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

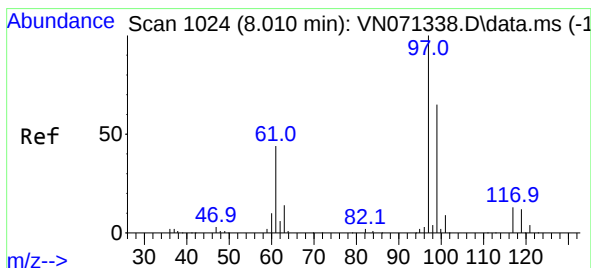
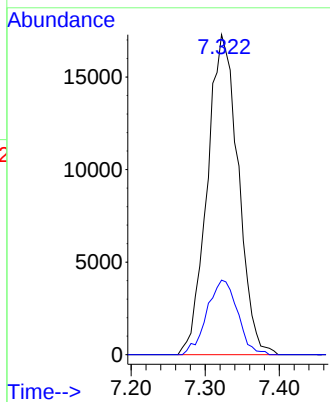
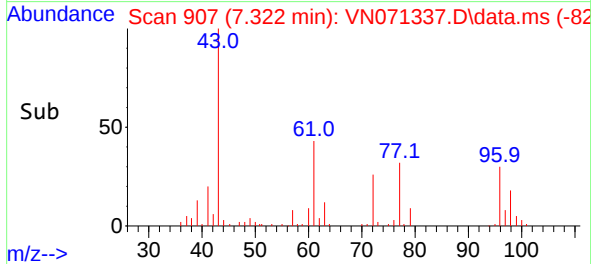
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



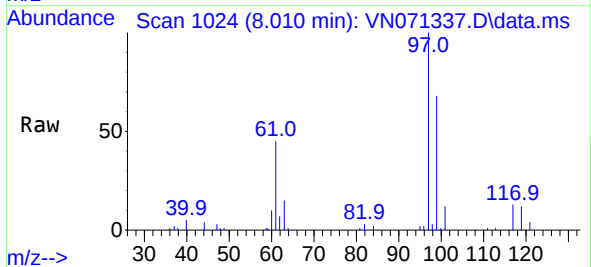
Tgt Ion: 77 Resp: 50302
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

Manual Integrations
APPROVED

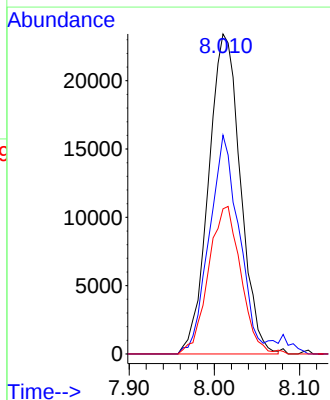
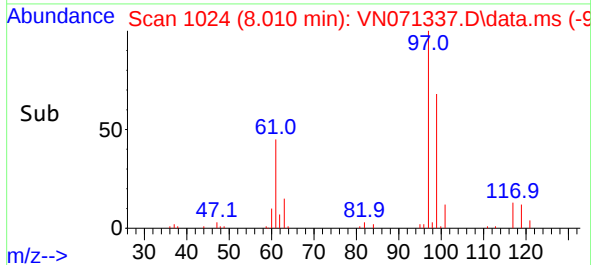
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

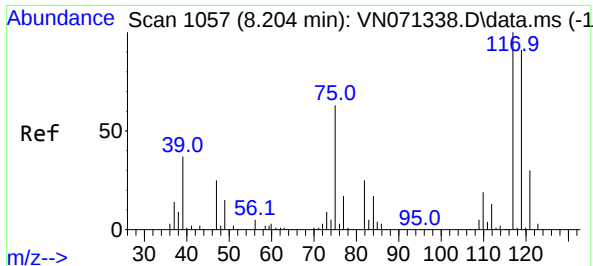


#32
1,1,1-Trichloroethane
Concen: 4.669 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



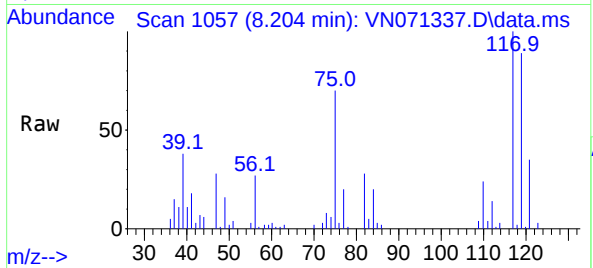
Tgt Ion: 97 Resp: 60804
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 46.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 4.246 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

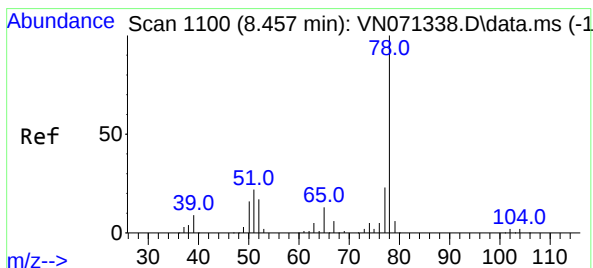
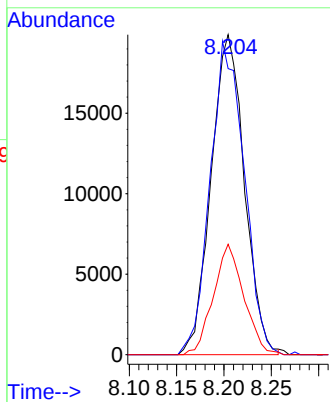
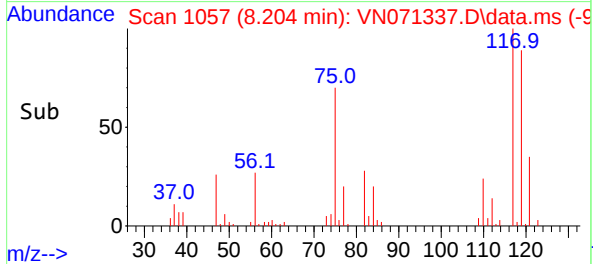
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



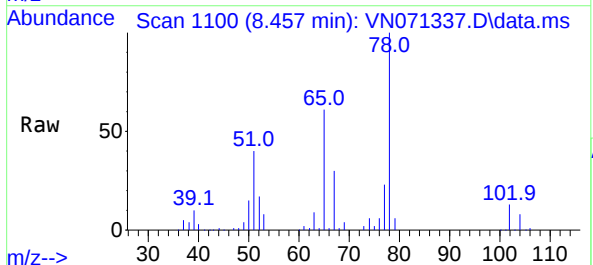
Tgt Ion:117 Resp: 48570
Ion Ratio Lower Upper
117 100
119 89.4 77.5 116.3
121 34.5 23.5 35.3

Manual Integrations
APPROVED

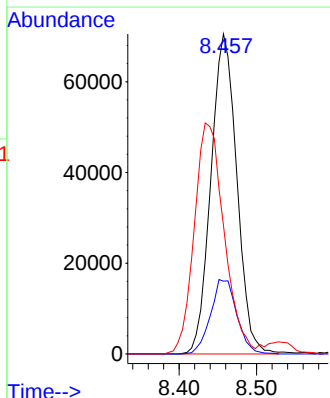
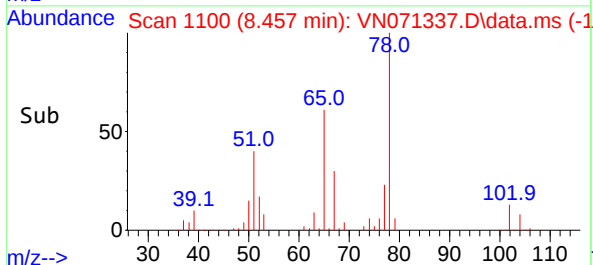
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

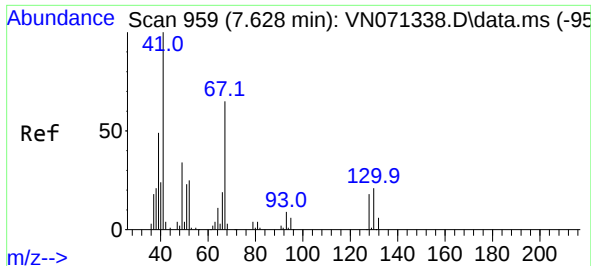


#34
Benzene
Concen: 4.912 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



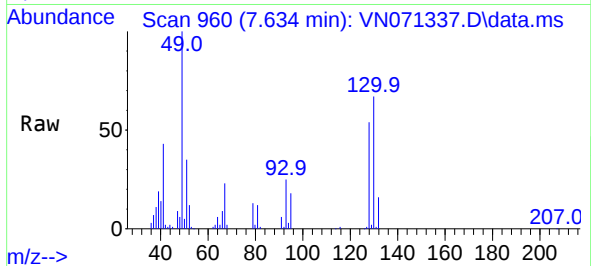
Tgt Ion: 78 Resp: 163919
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 36.6 16.0 24.0#





#35
Methacrylonitrile
Concen: 4.825 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

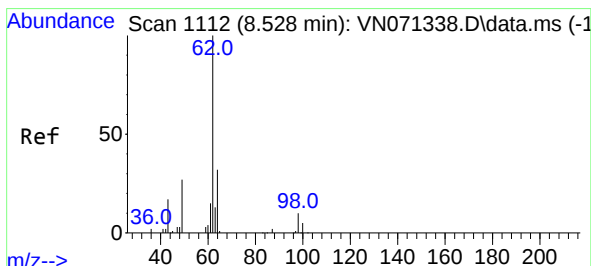
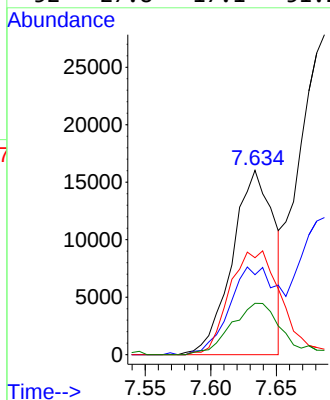
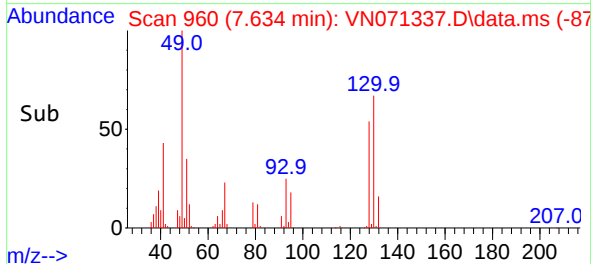
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 35424
Ion Ratio Lower Upper
41 100
39 43.4 28.0 83.9
67 52.6 37.7 113.1
52 27.8 17.1 51.2

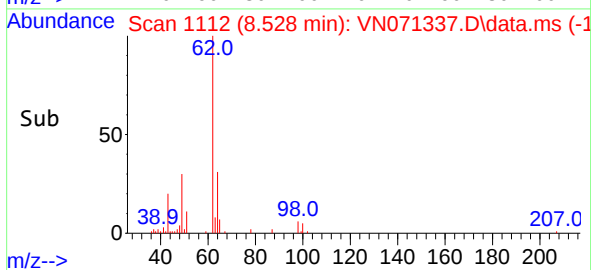
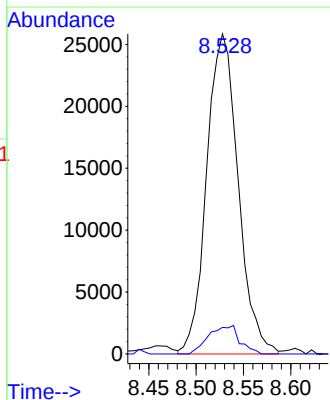
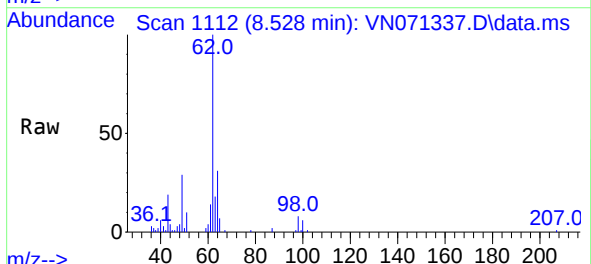
Manual Integrations
APPROVED

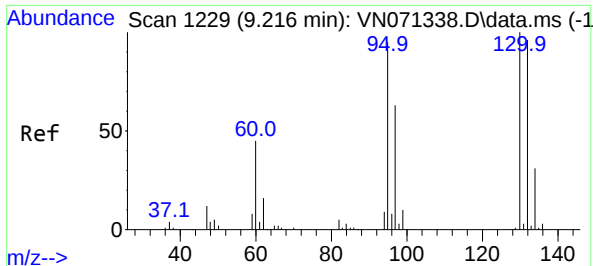
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#36
1,2-Dichloroethane
Concen: 4.624 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

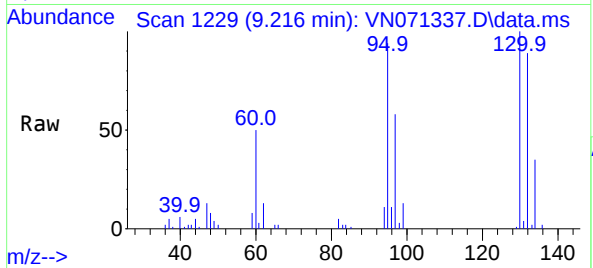
Tgt Ion: 62 Resp: 59829
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37
Trichloroethene
Concen: 4.753 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

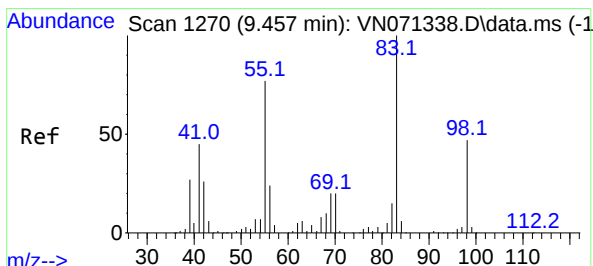
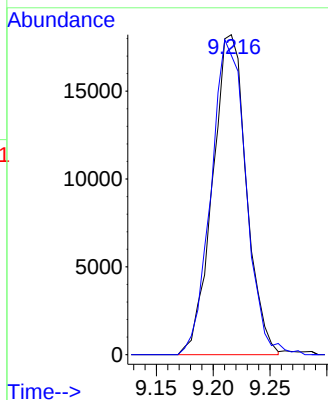
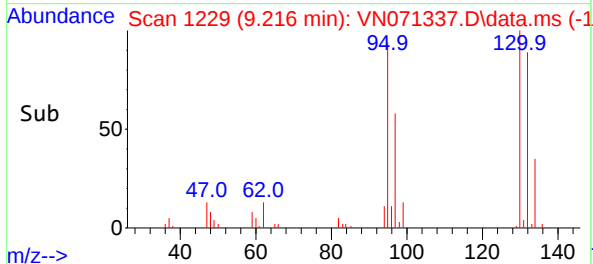
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



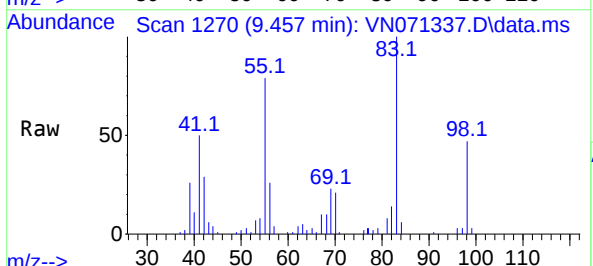
Tgt Ion:130 Resp: 37648
Ion Ratio Lower Upper
130 100
95 93.5 76.6 115.0

Manual Integrations
APPROVED

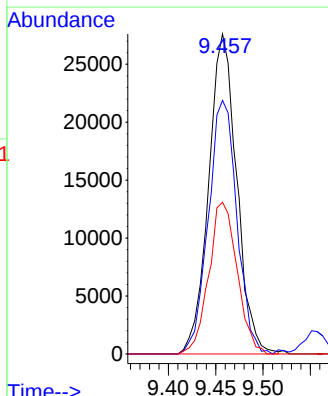
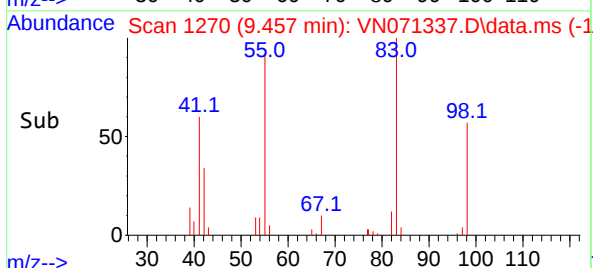
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

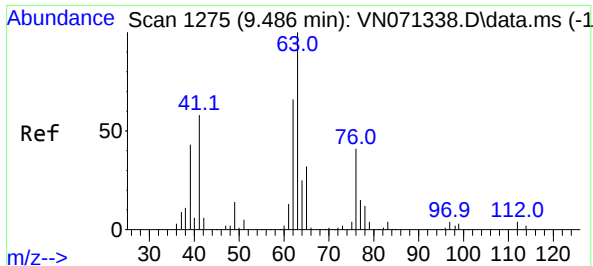


#38
Methylcyclohexane
Concen: 4.283 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion: 83 Resp: 56925
Ion Ratio Lower Upper
83 100
55 80.8 35.1 105.3
98 48.0 23.4 70.2





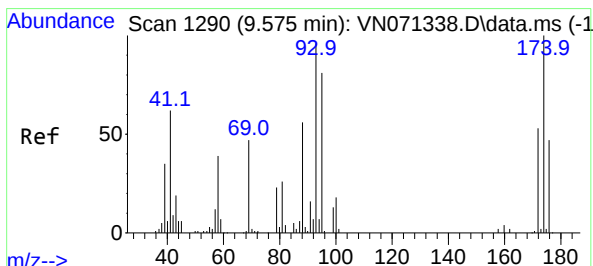
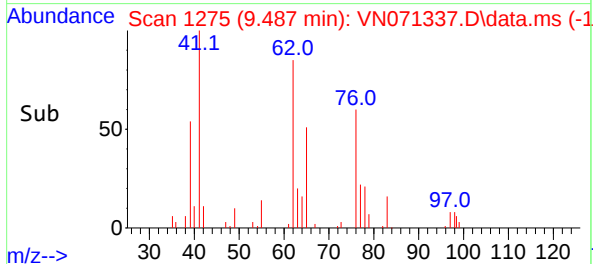
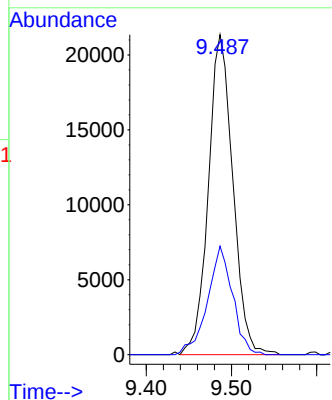
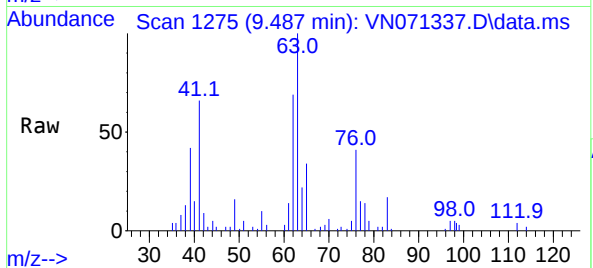
#39
1,2-Dichloropropane
Concen: 4.797 ug/l
RT: 9.487 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 42700
Ion Ratio Lower Upper
63 100
65 33.9 24.2 36.4

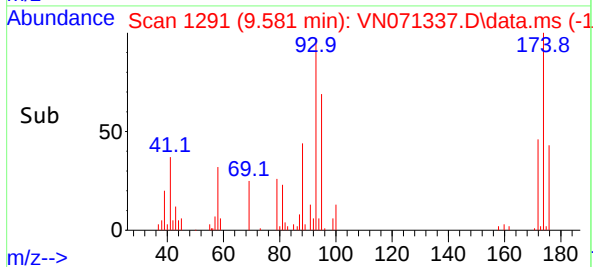
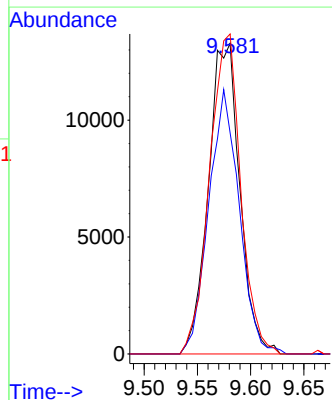
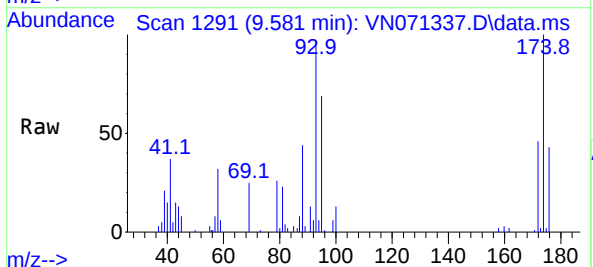
Manual Integrations
APPROVED

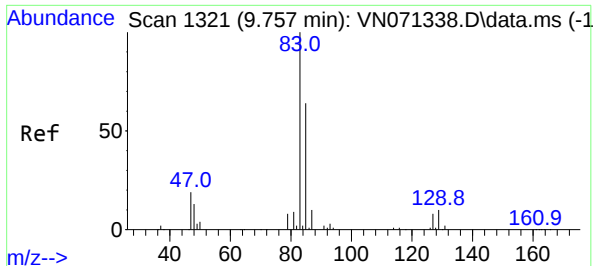
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#40
Dibromomethane
Concen: 4.696 ug/l
RT: 9.581 min Scan# 1291
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

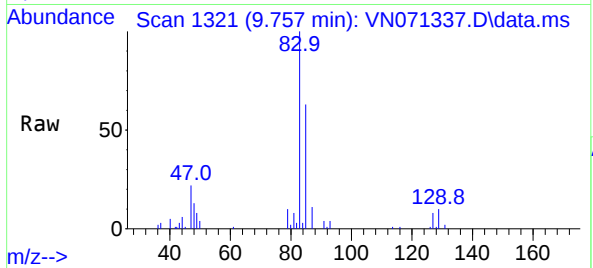
Tgt Ion: 93 Resp: 27245
Ion Ratio Lower Upper
93 100
95 82.6 0.0 168.8
174 102.1 0.0 173.6





#41
Bromodichloromethane
Concen: 4.304 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

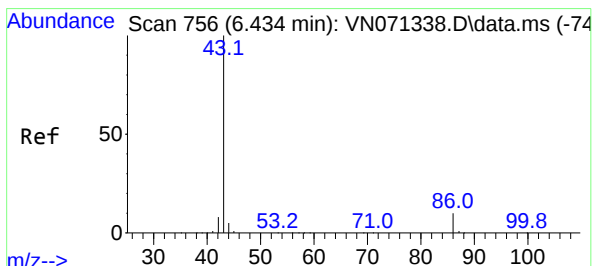
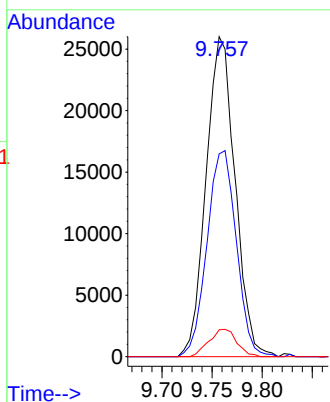
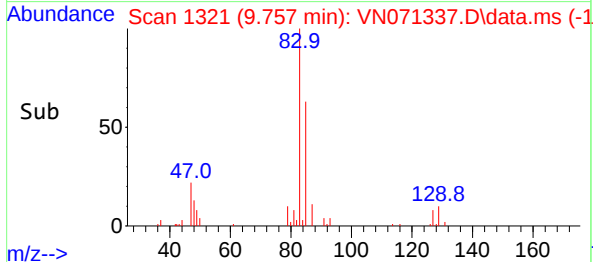
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



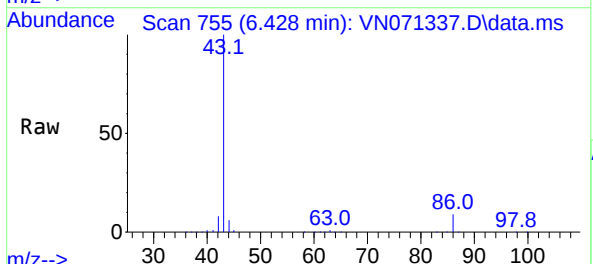
Tgt Ion: 83 Resp: 52392
Ion Ratio Lower Upper
83 100
85 63.4 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

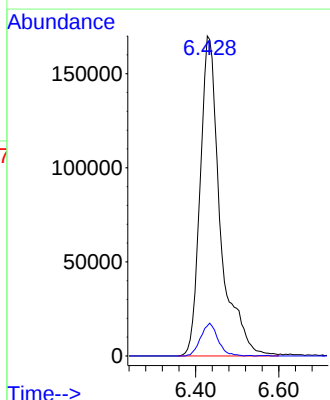
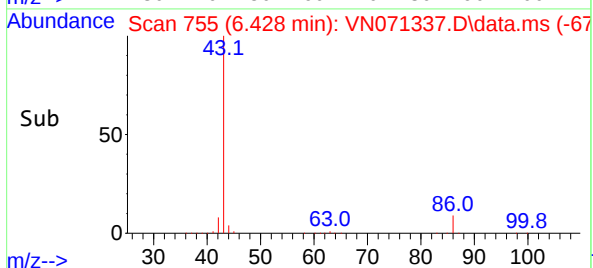
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

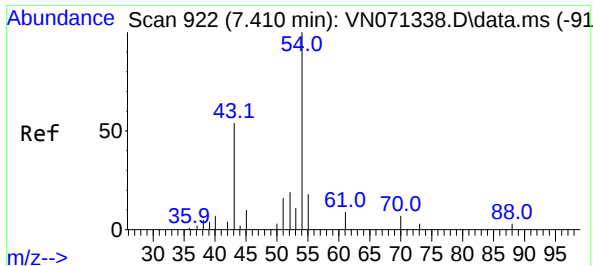


#42
Vinyl Acetate
Concen: 24.480 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion: 43 Resp: 572061
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





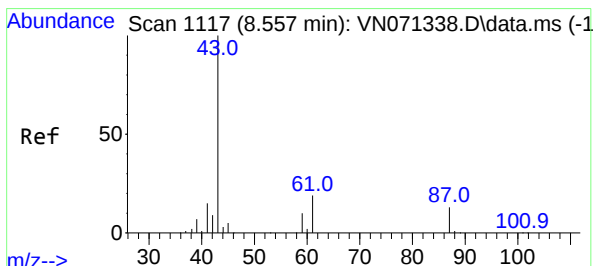
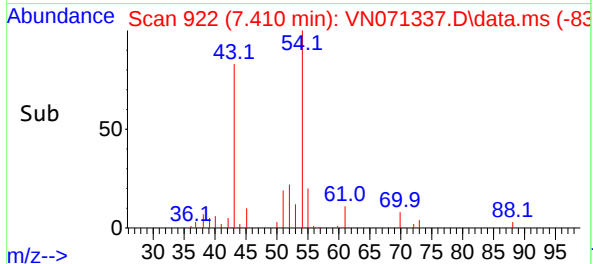
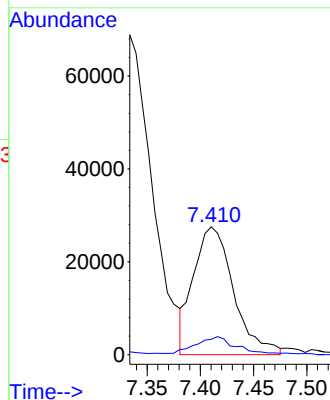
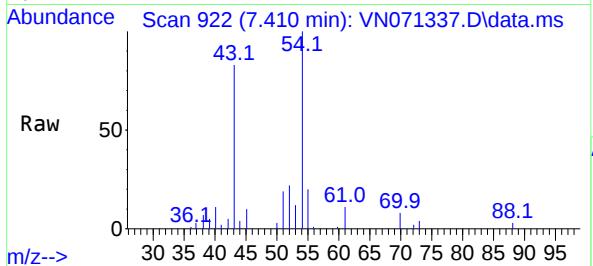
#43
Ethyl Acetate
Concen: 5.166 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 71810
Ion Ratio Lower Upper
43 100
45 11.3 10.6 16.0

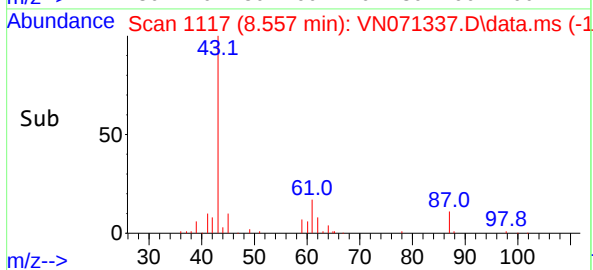
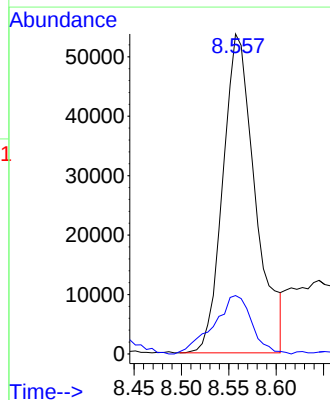
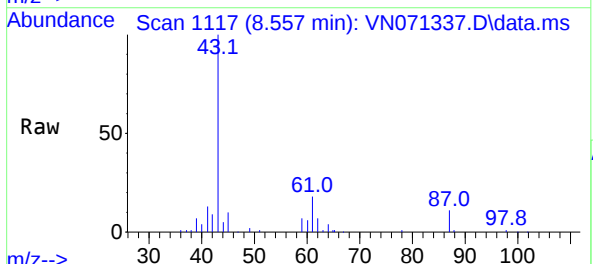
Manual Integrations
APPROVED

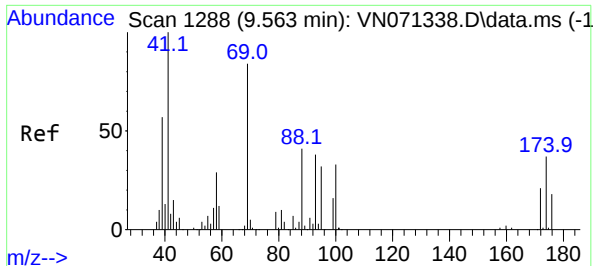
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#44
Isopropyl Acetate
Concen: 5.758 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

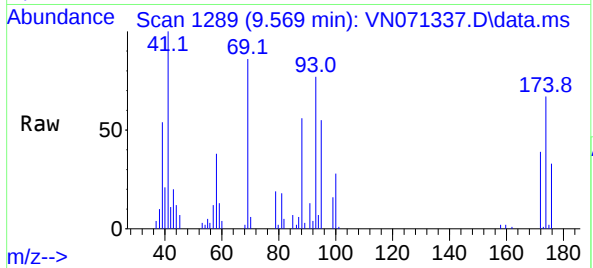
Tgt Ion: 43 Resp: 127966
Ion Ratio Lower Upper
43 100
61 21.6 20.1 30.1





#45
1,4-Dioxane
Concen: 122.219 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

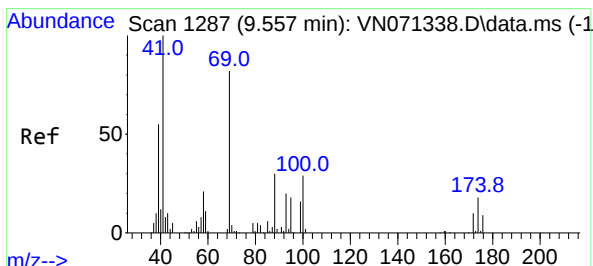
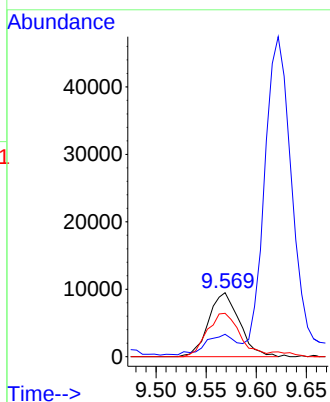
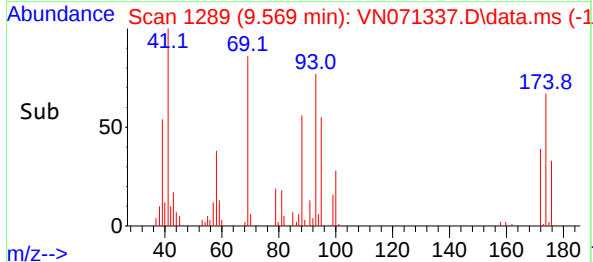
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 20264
Ion Ratio Lower Upper
88 100
43 25.5 25.0 37.6
58 71.8 49.4 74.2

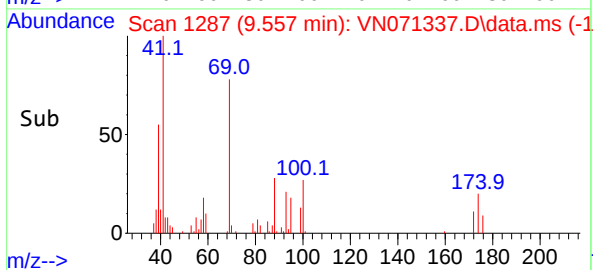
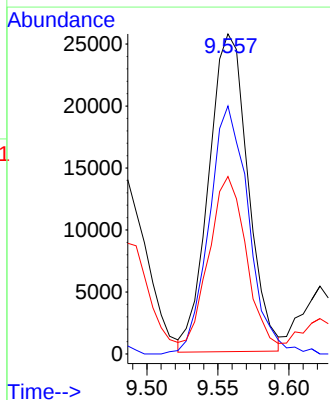
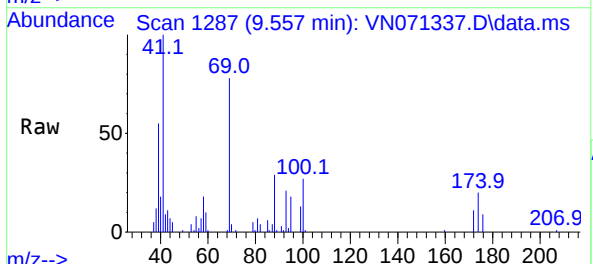
Manual Integrations
APPROVED

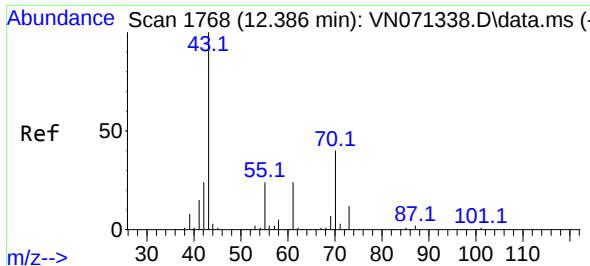
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#46
Methyl methacrylate
Concen: 4.804 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 41 Resp: 49306
Ion Ratio Lower Upper
41 100
69 80.0 44.4 133.2
39 54.6 39.9 119.6





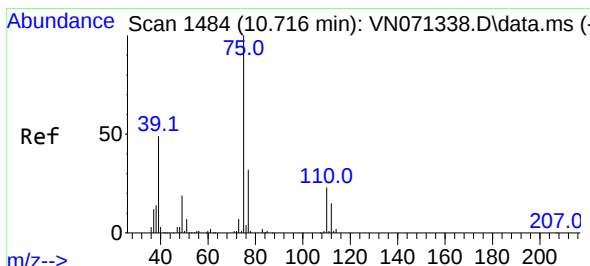
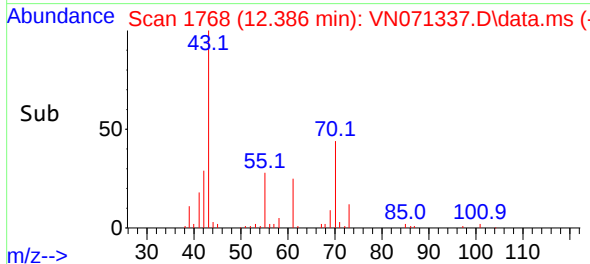
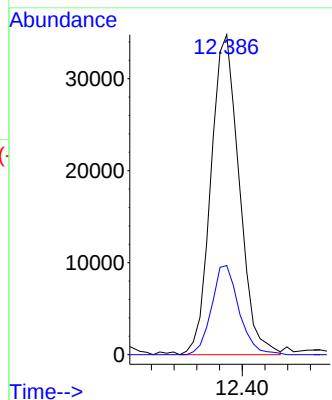
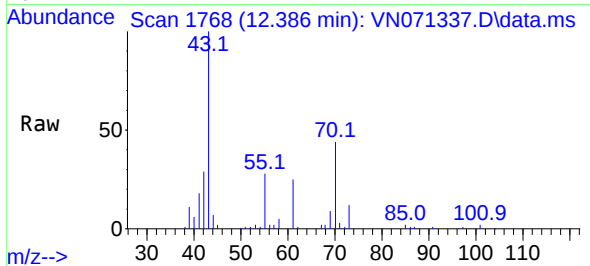
#47
n-amy1 Acetate
Concen: 3.871 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6015
Ion Ratio Lower Upper
43 100
55 27.1 19.0 28.6

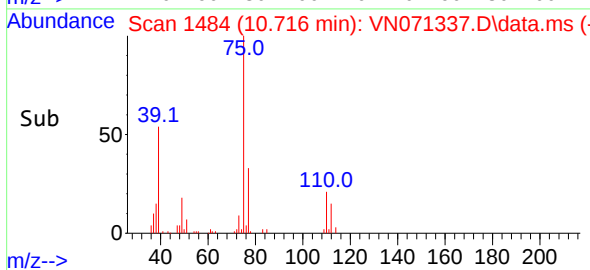
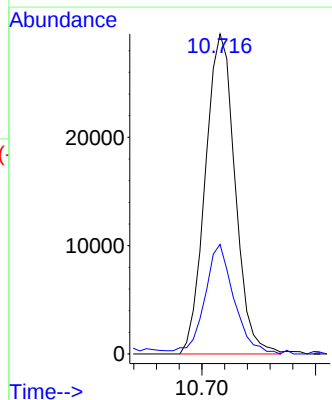
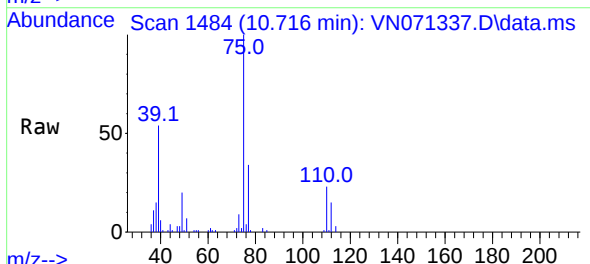
Manual Integrations
APPROVED

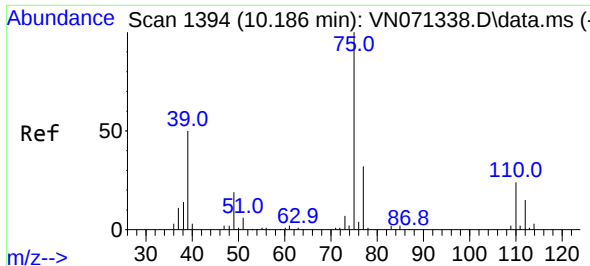
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#48
t-1,3-Dichloropropene
Concen: 4.294 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 75 Resp: 53657
Ion Ratio Lower Upper
75 100
77 34.3 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 4.322 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

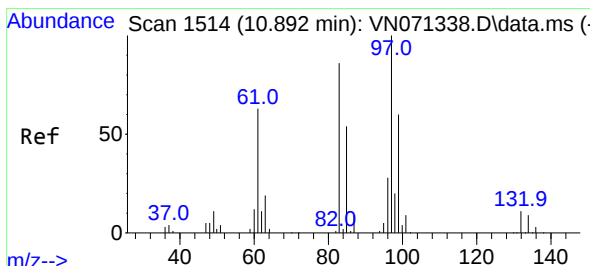
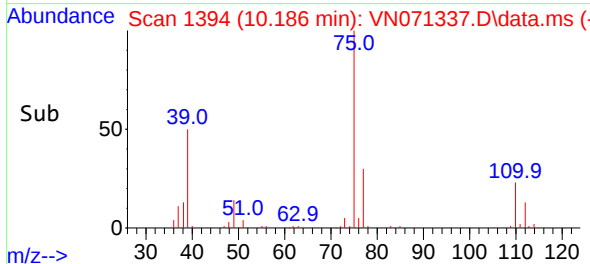
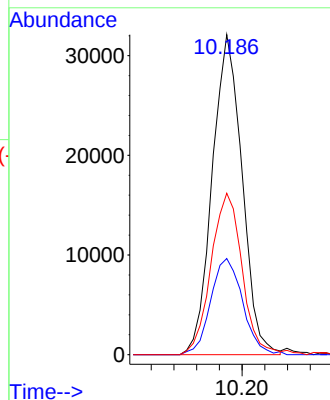
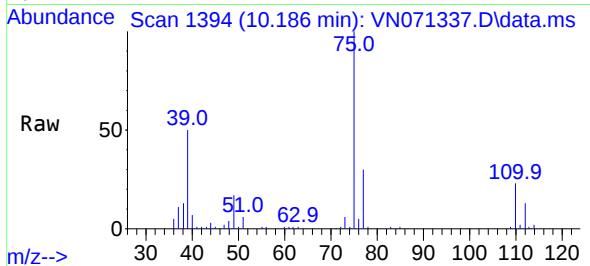
VSTDIC005

Tgt Ion: 75 Resp: 5853
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
39 50.4 46.2 69.4

Manual Integrations

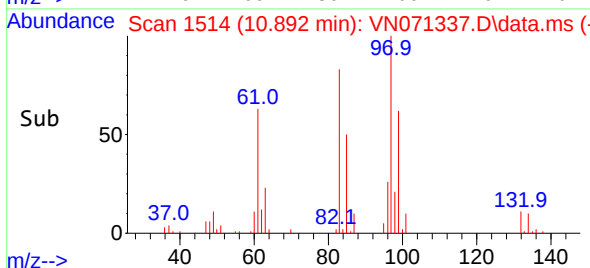
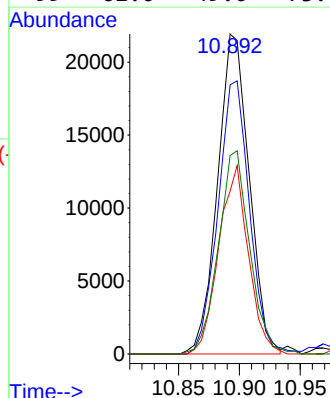
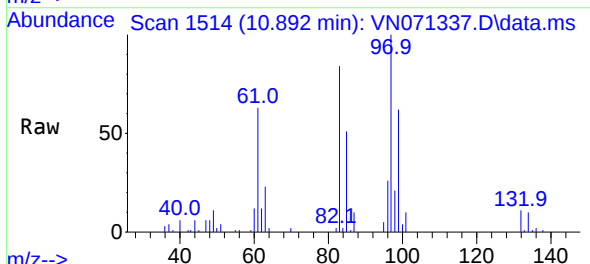
APPROVED

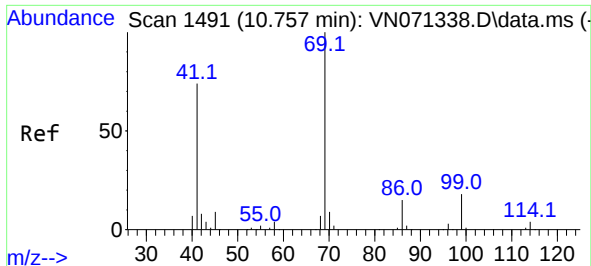
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#50
1,1,2-Trichloroethane
Concen: 4.964 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

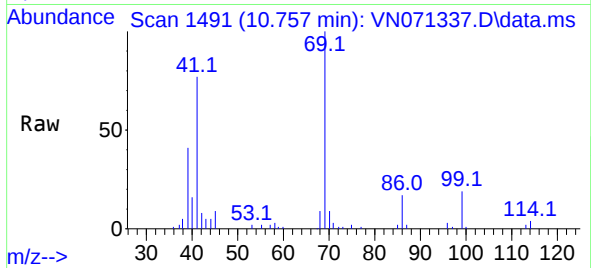
Tgt Ion: 97 Resp: 39655
Ion Ratio Lower Upper
97 100
83 84.1 67.2 100.8
85 50.9 43.0 64.4
99 62.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 4.484 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

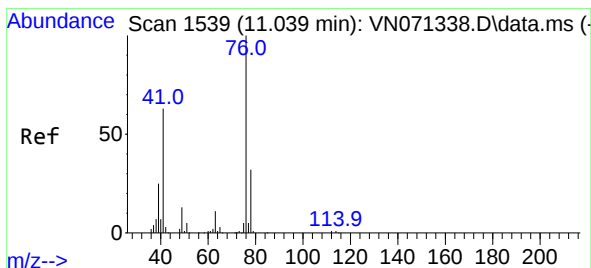
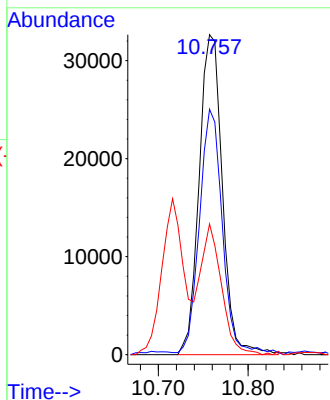
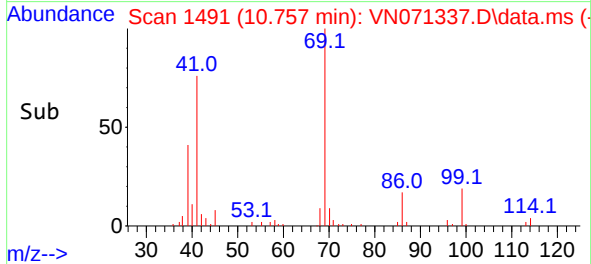
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 58748
Ion Ratio Lower Upper
69 100
41 76.1 33.0 98.9
39 39.8 25.4 76.4

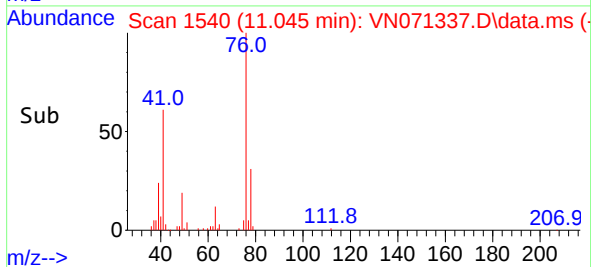
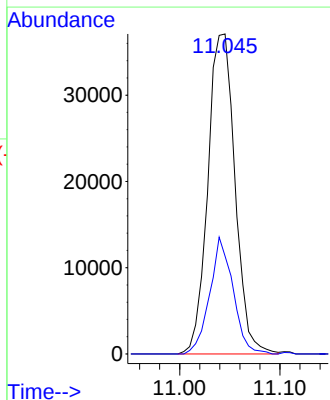
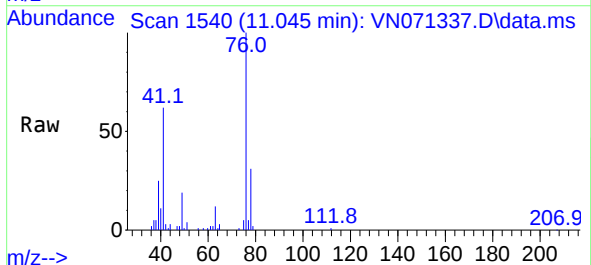
Manual Integrations
APPROVED

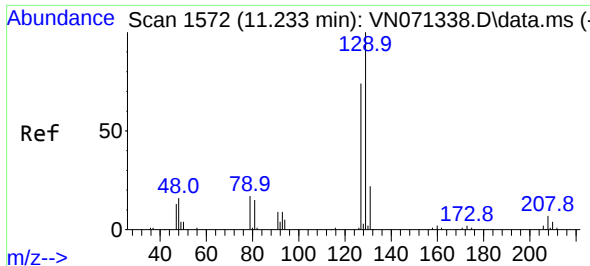
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#52
1,3-Dichloropropane
Concen: 4.919 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

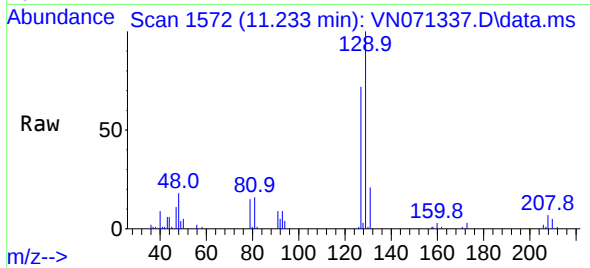
Tgt Ion: 76 Resp: 69894
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.4





#53
Dibromochloromethane
Concen: 4.168 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

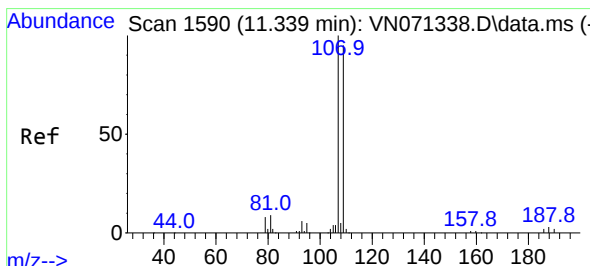
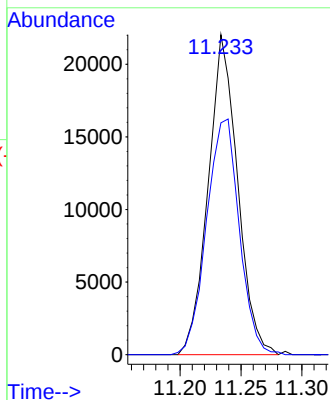
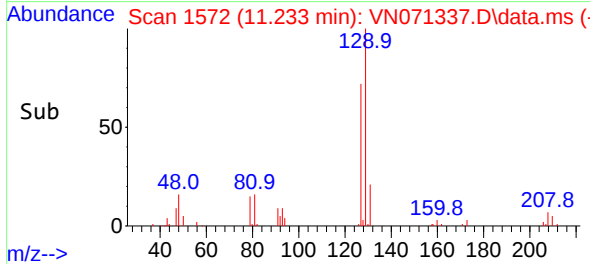
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



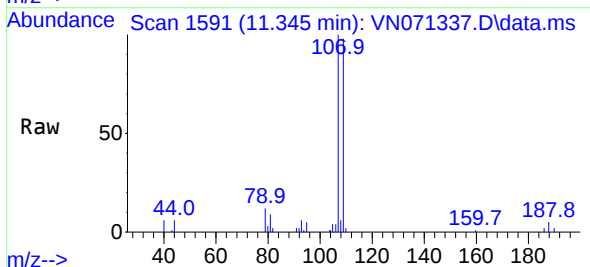
Tgt Ion:129 Resp: 36979
Ion Ratio Lower Upper
129 100
127 82.0 39.0 117.0

Manual Integrations
APPROVED

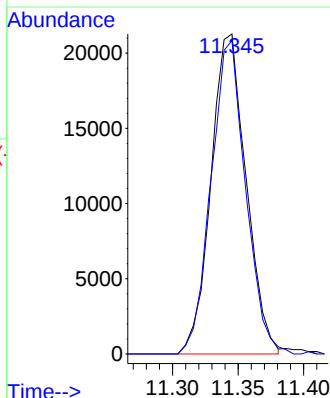
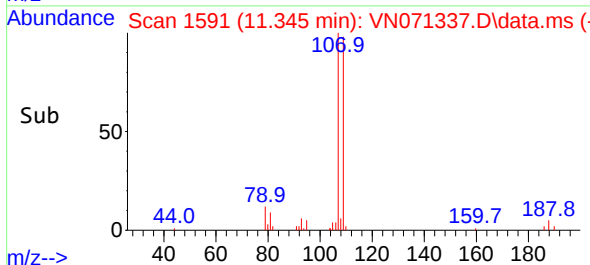
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

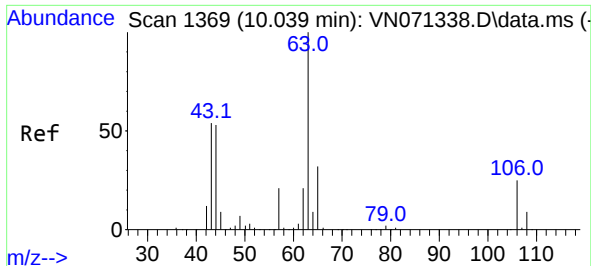


#54
1,2-Dibromoethane
Concen: 4.822 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion:107 Resp: 39576
Ion Ratio Lower Upper
107 100
109 96.3 72.8 109.2





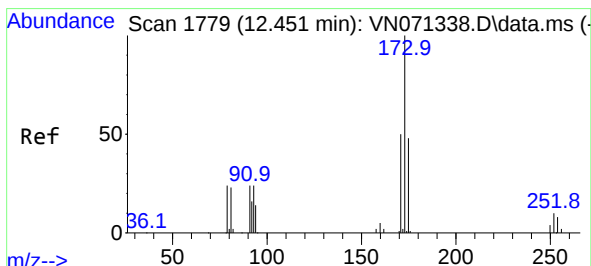
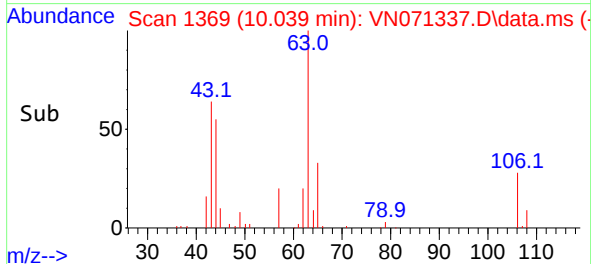
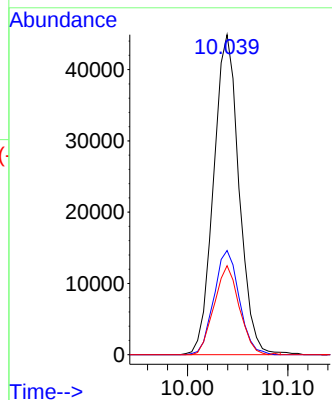
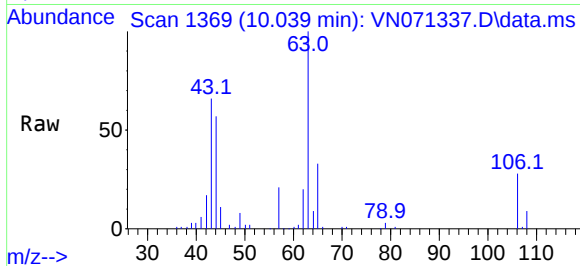
#55
2-Chloroethyl vinyl ether
Concen: 28.177 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 79170
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 27.4 23.2 34.8

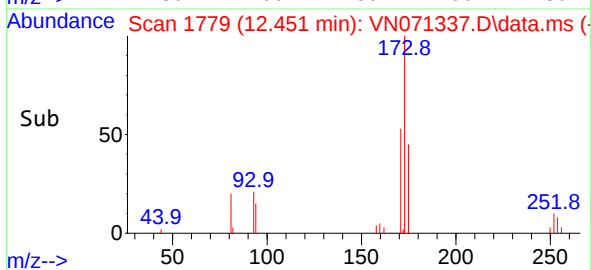
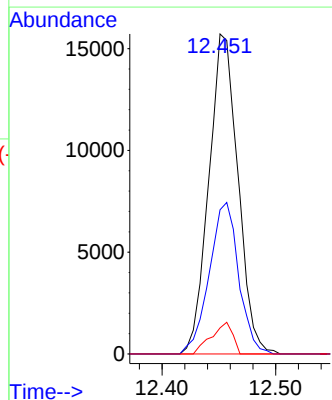
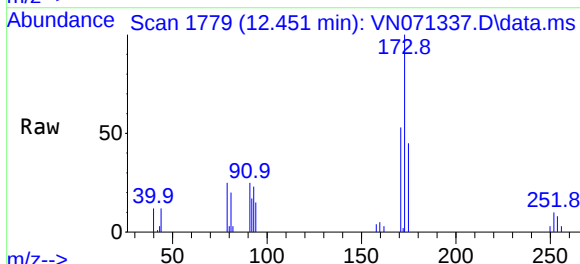
Manual Integrations
APPROVED

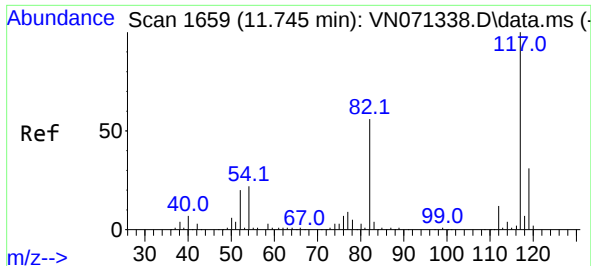
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#56
Bromoform
Concen: 4.145 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion:173 Resp: 28034
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 7.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

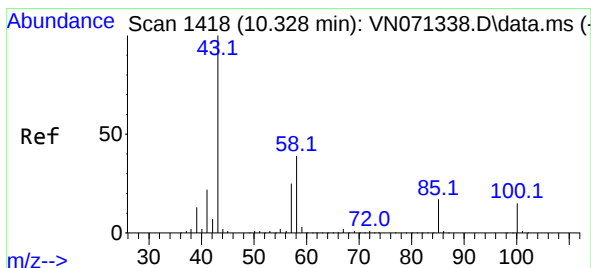
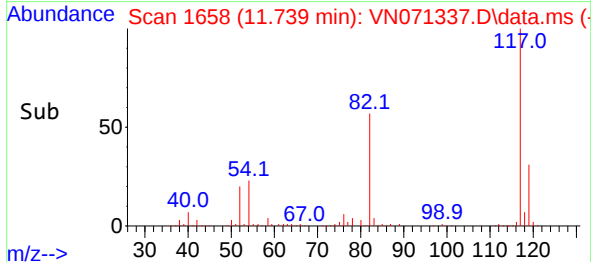
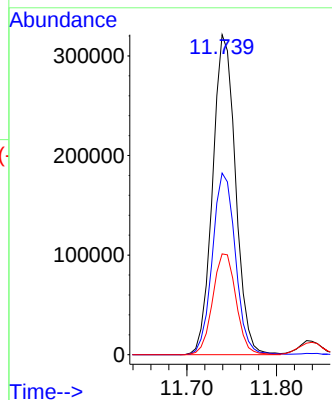
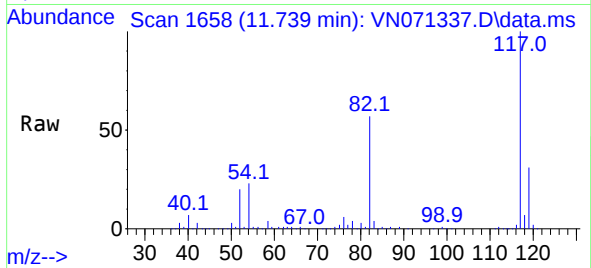
VSTDICC005

Tgt Ion:117 Resp: 569734
Ion Ratio Lower Upper
117 100
82 57.2 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations

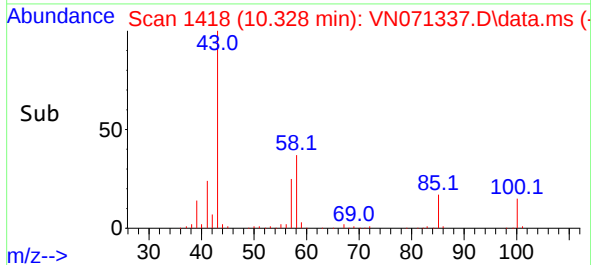
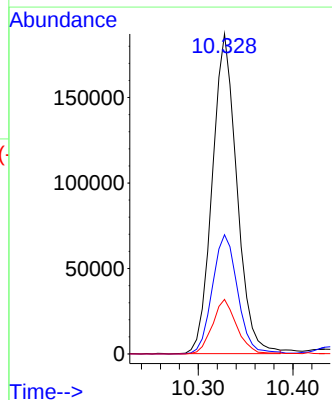
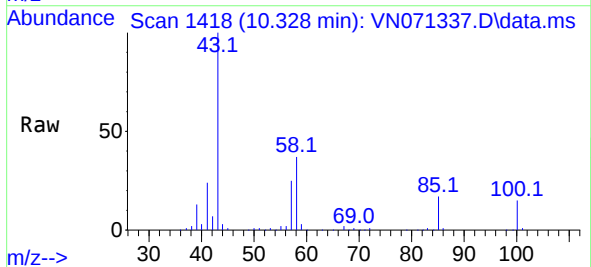
APPROVED

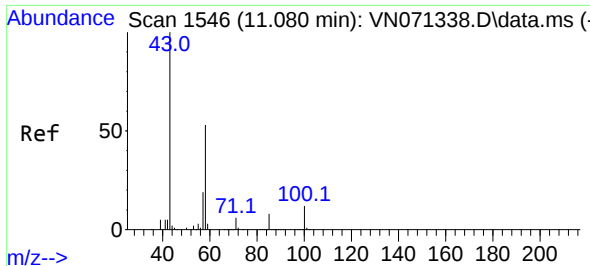
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#58
4-Methyl-2-Pentanone
Concen: 25.245 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

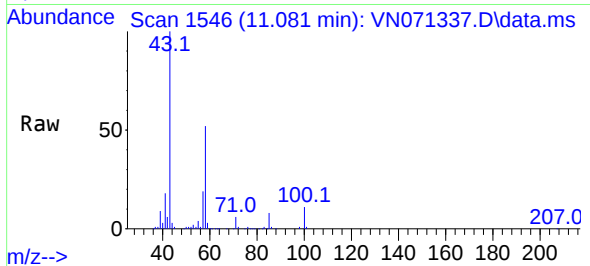
Tgt Ion: 43 Resp: 337679
Ion Ratio Lower Upper
43 100
58 38.4 30.0 45.0
85 16.8 15.0 22.6





#59
2-Hexanone
Concen: 25.233 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

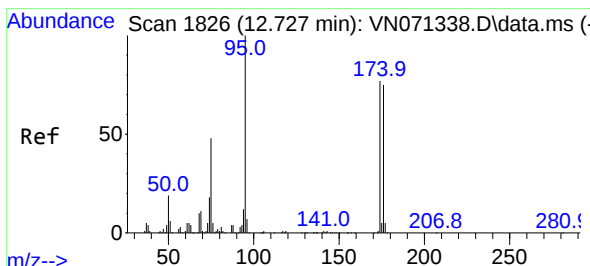
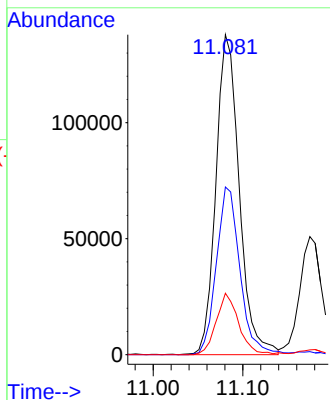
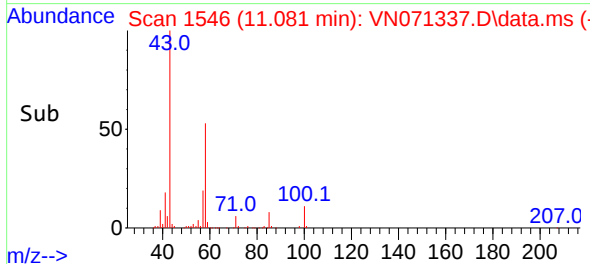
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



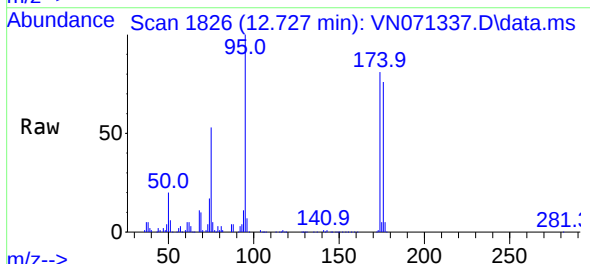
Tgt Ion: 43 Resp: 248990
Ion Ratio Lower Upper
43 100
58 53.0 42.2 63.2
57 18.2 15.0 22.4

Manual Integrations
APPROVED

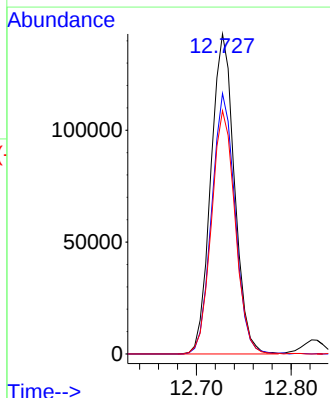
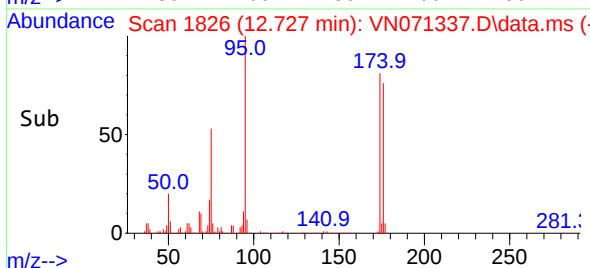
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

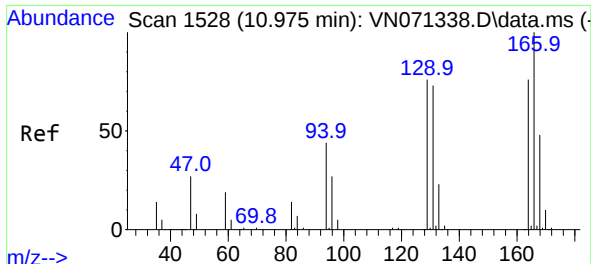


#60
4-Bromofluorobenzene
Concen: 26.610 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



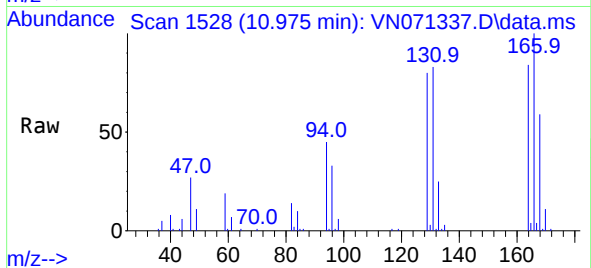
Tgt Ion: 95 Resp: 246810
Ion Ratio Lower Upper
95 100
174 80.6 62.9 94.3
176 76.4 61.0 91.4





#61
Tetrachloroethene
Concen: 4.964 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

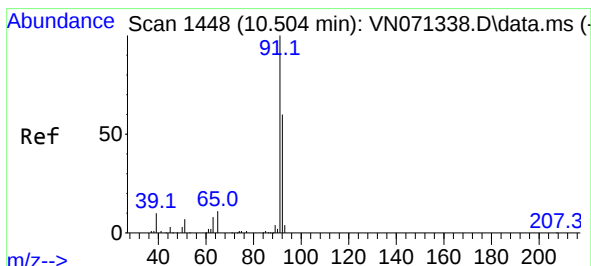
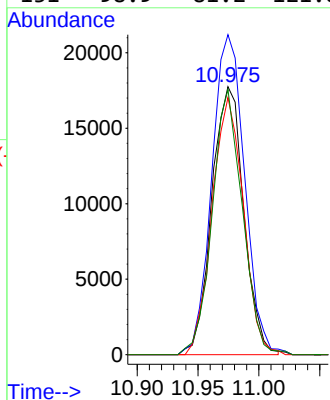
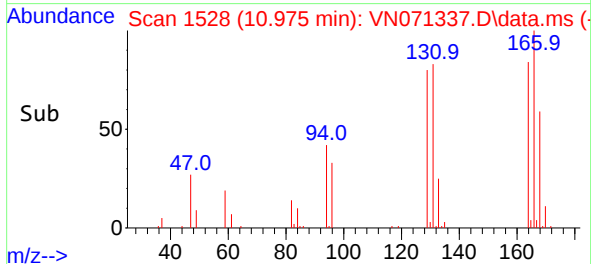
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



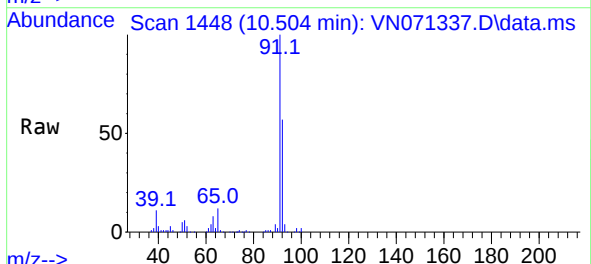
Tgt Ion:164 Resp: 32528
Ion Ratio Lower Upper
164 100
166 119.4 105.8 158.8
129 95.9 82.5 123.7
131 98.9 81.2 121.8

Manual Integrations
APPROVED

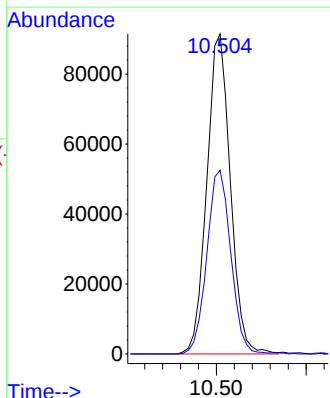
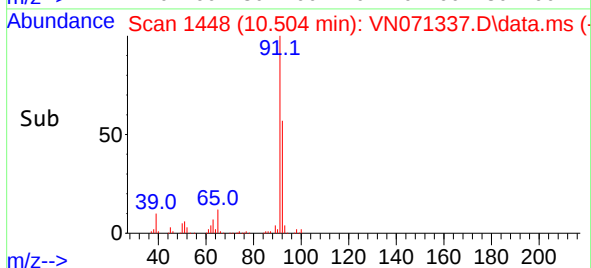
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

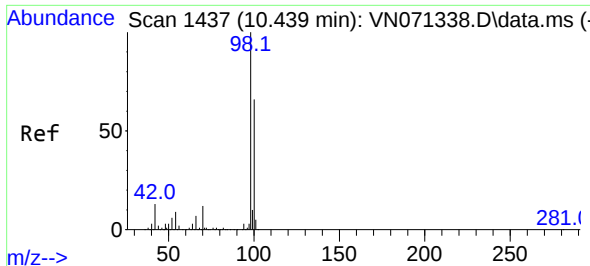


#62
Toluene
Concen: 4.950 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



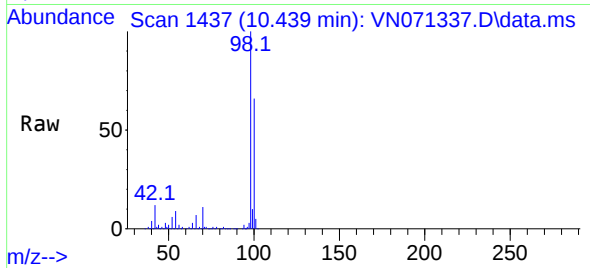
Tgt Ion: 91 Resp: 166174
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0





#63
Toluene-d8
Concen: 31.586 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

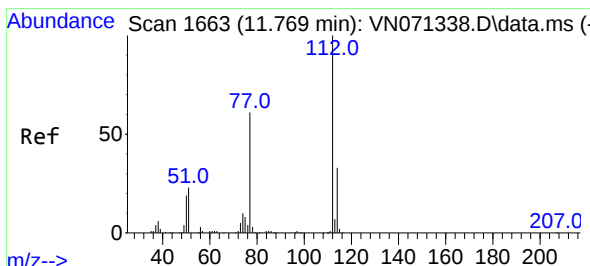
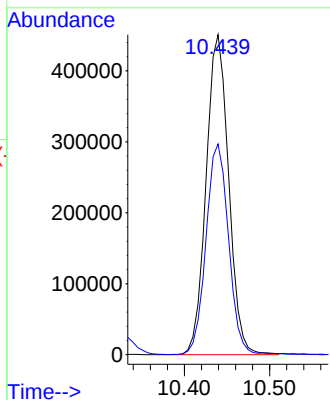
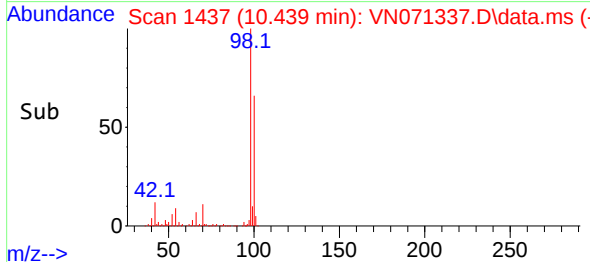
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



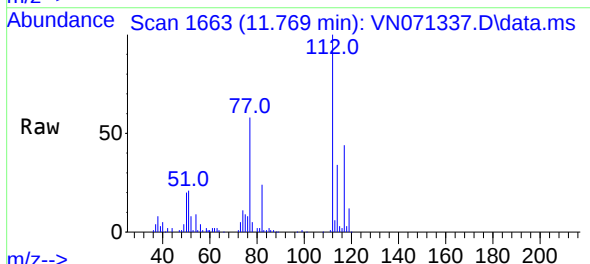
Tgt Ion: 98 Resp: 828454
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

Manual Integrations
APPROVED

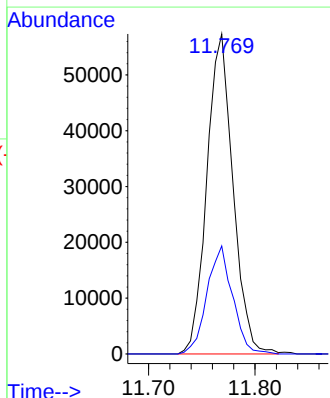
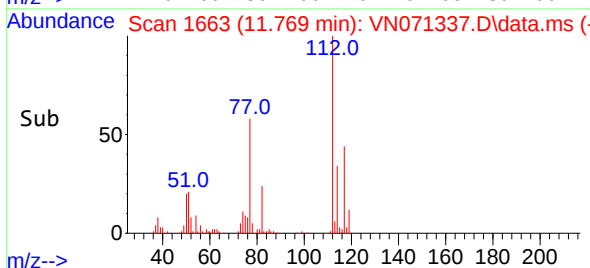
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

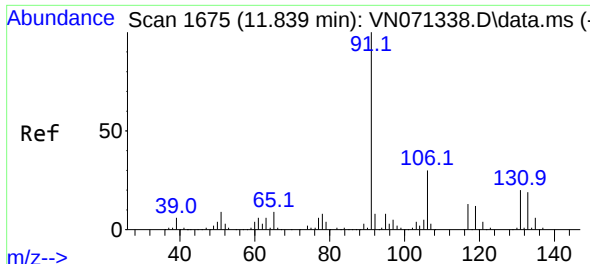


#64
Chlorobenzene
Concen: 4.893 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



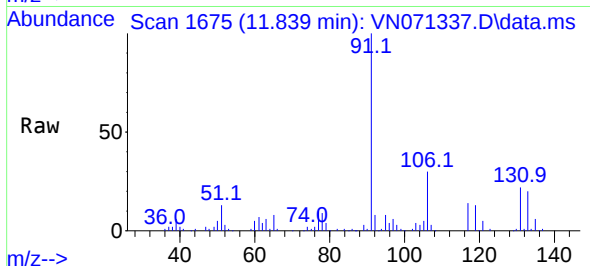
Tgt Ion:112 Resp: 97796
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.694 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

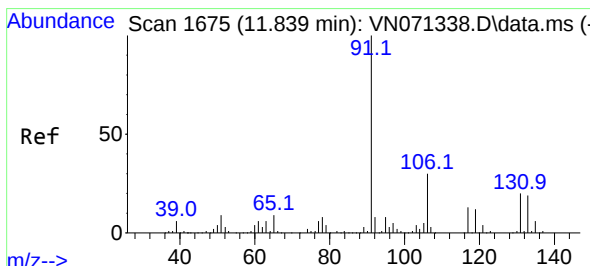
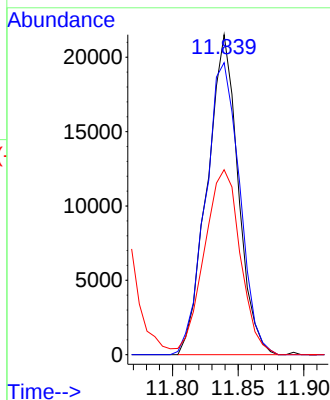
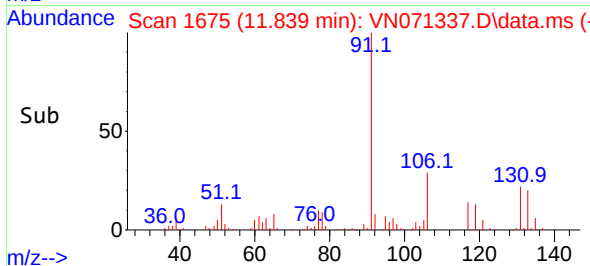
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



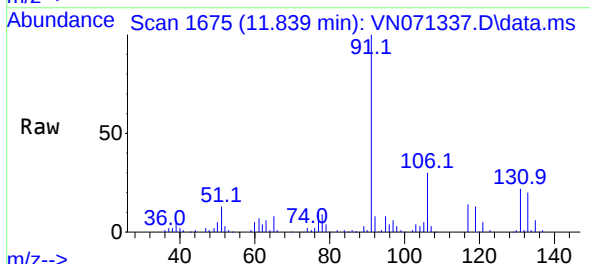
Tgt Ion:131 Resp: 35292
Ion Ratio Lower Upper
131 100
133 100.7 0.0 191.2
119 67.5 0.0 128.8

Manual Integrations
APPROVED

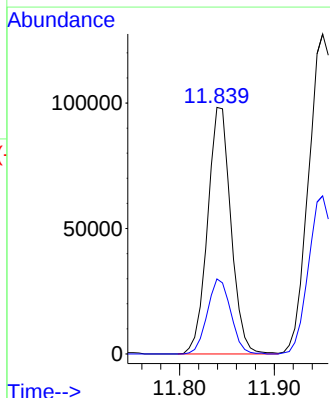
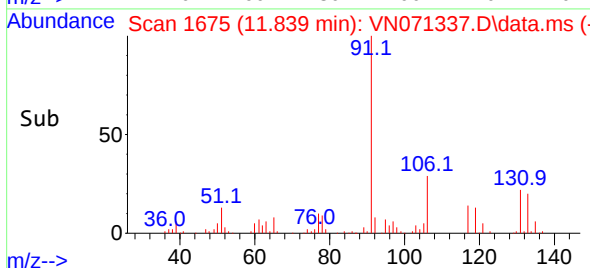
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

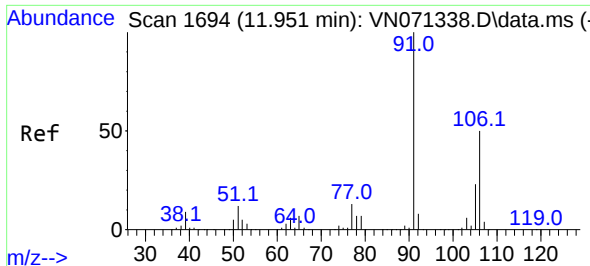


#66
Ethyl Benzene
Concen: 4.540 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



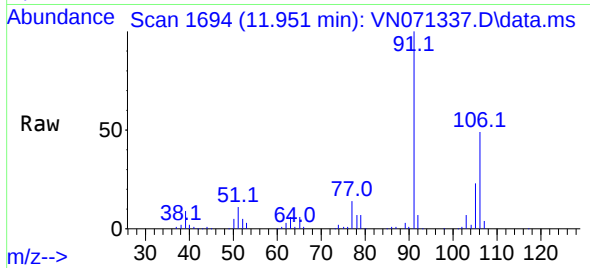
Tgt Ion: 91 Resp: 168673
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0





#67
m/p-Xylenes
Concen: 9.180 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

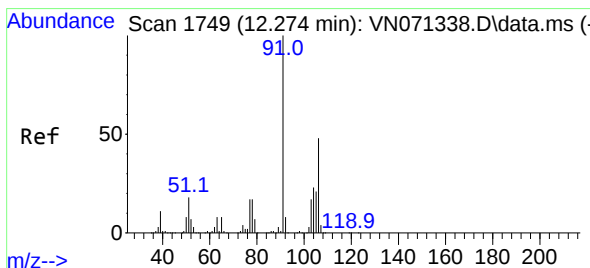
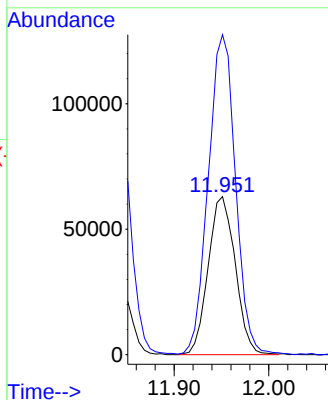
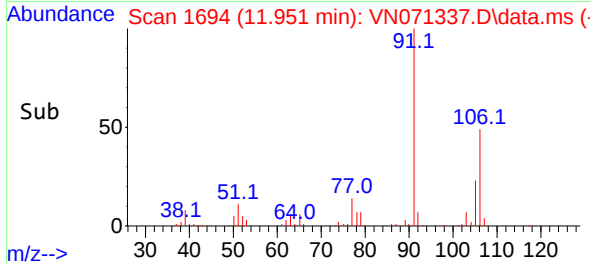
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



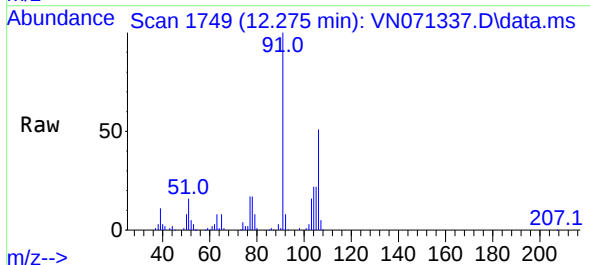
Tgt Ion:106 Resp: 12512
Ion Ratio Lower Upper
106 100
91 203.7 162.9 244.3

Manual Integrations
APPROVED

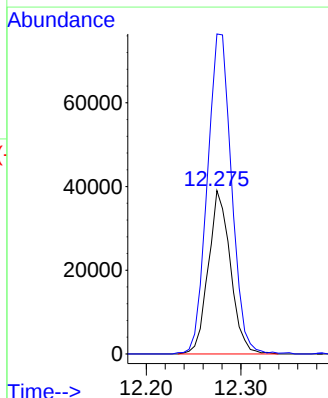
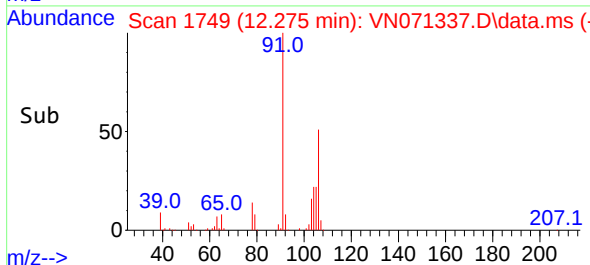
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

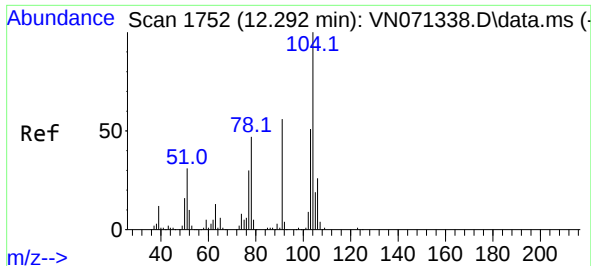


#68
o-Xylene
Concen: 4.667 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion:106 Resp: 63385
Ion Ratio Lower Upper
106 100
91 214.1 107.7 323.1





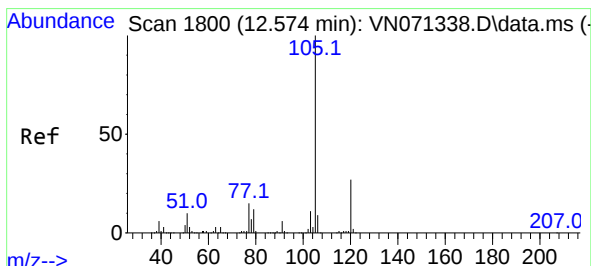
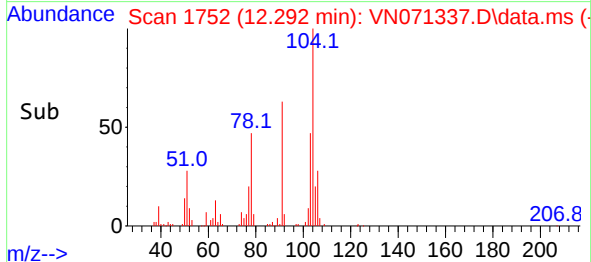
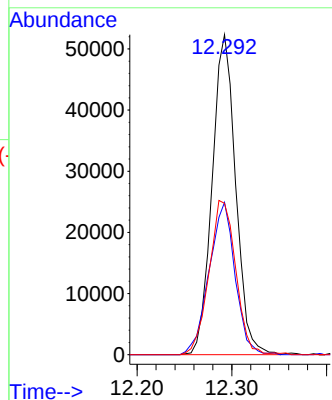
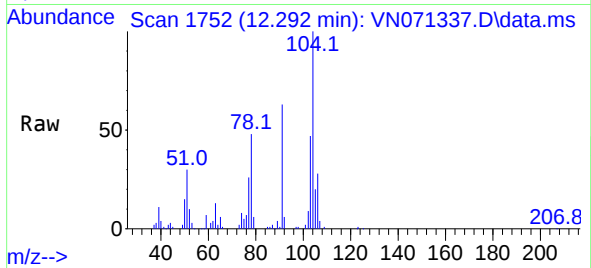
#69
Styrene
Concen: 4.117 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 90239
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 54.5 45.8 68.8

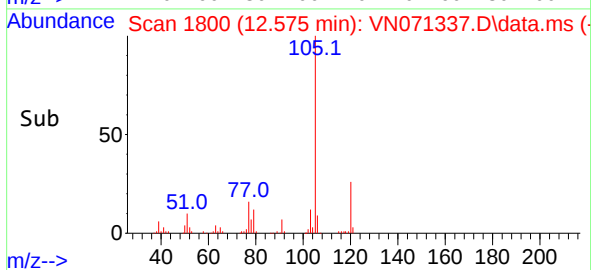
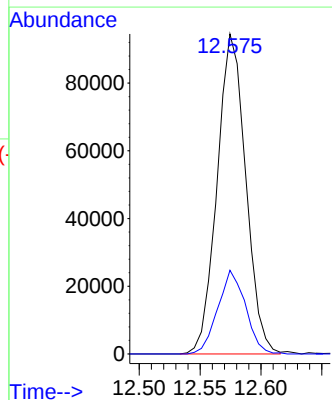
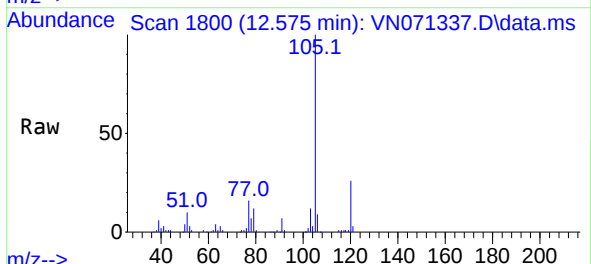
Manual Integrations
APPROVED

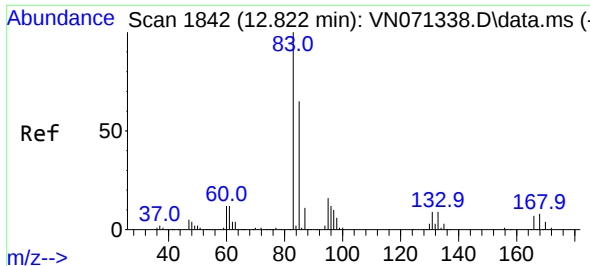
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#70
Isopropylbenzene
Concen: 4.378 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

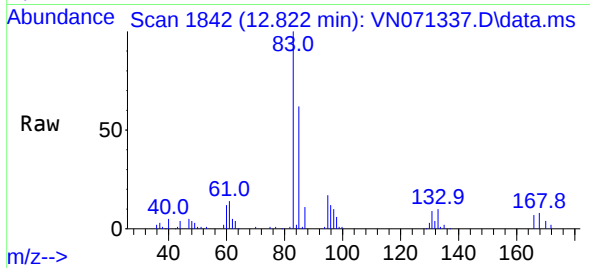
Tgt Ion:105 Resp: 154769
Ion Ratio Lower Upper
105 100
120 25.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.291 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

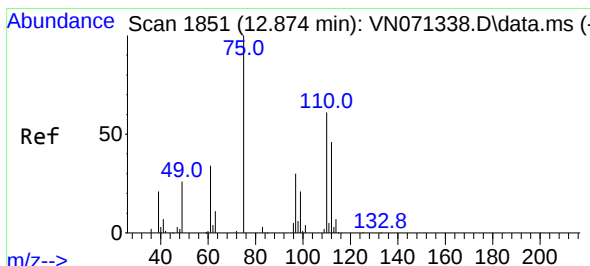
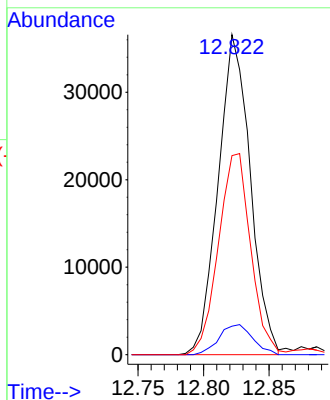
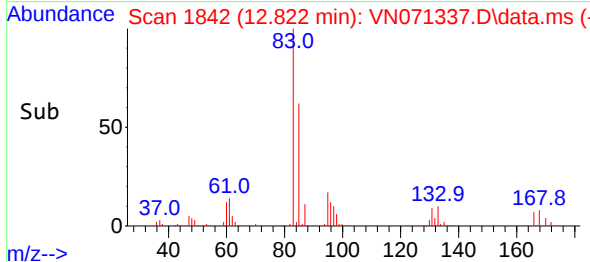
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



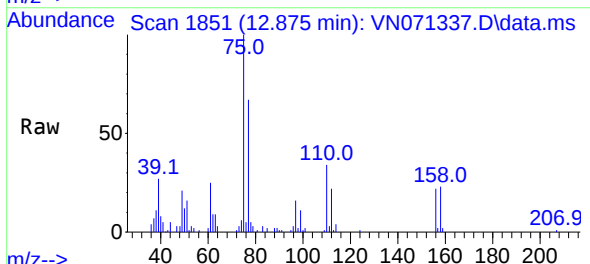
Tgt Ion: 83 Resp: 62278
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 63.2 33.1 99.2

Manual Integrations
APPROVED

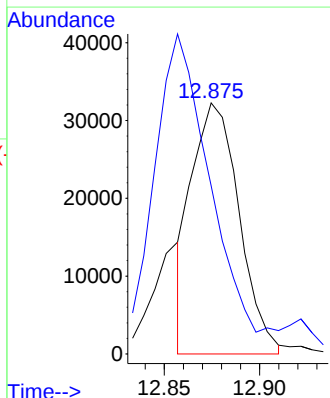
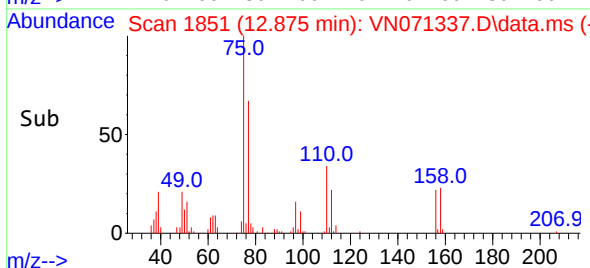
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

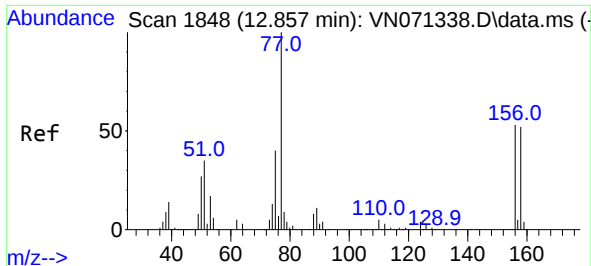


#72
1,2,3-Trichloropropane
Concen: 5.294 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion: 75 Resp: 55897
Ion Ratio Lower Upper
75 100
77 151.1 0.0 378.0





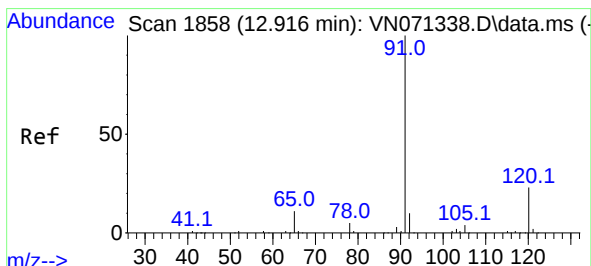
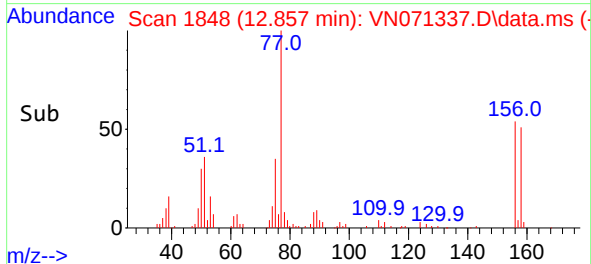
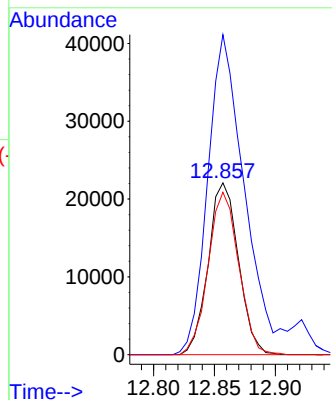
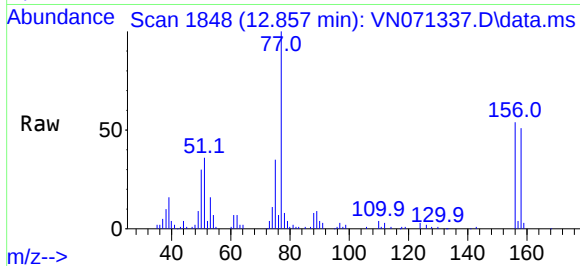
#73
Bromobenzene
Concen: 4.659 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 38210
Ion Ratio Lower Upper
156 100
77 221.1 0.0 416.0
158 95.6 0.0 195.4

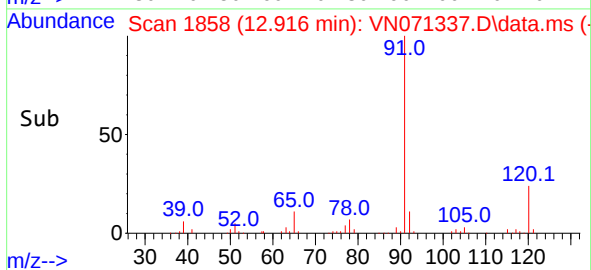
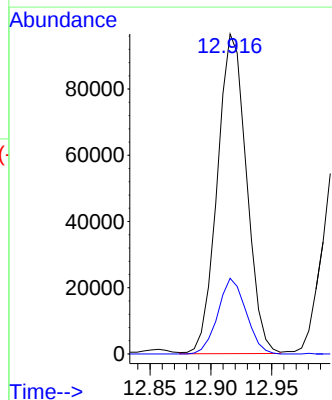
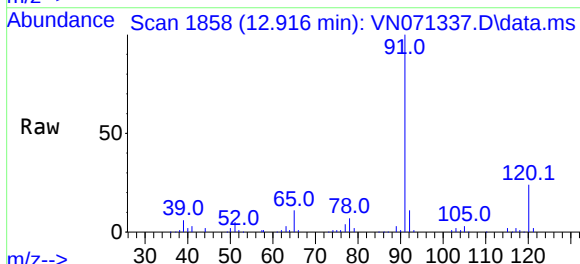
Manual Integrations
APPROVED

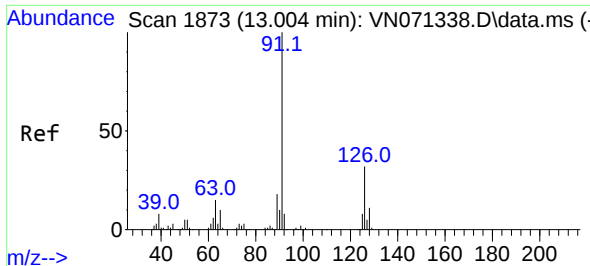
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#74
n-propylbenzene
Concen: 3.968 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 91 Resp: 160765
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





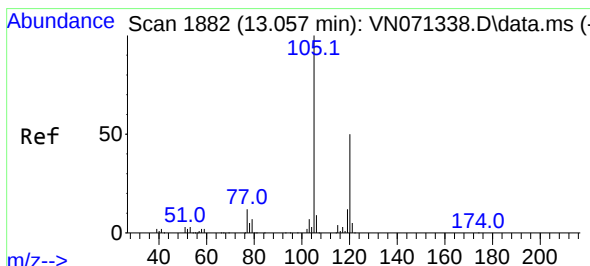
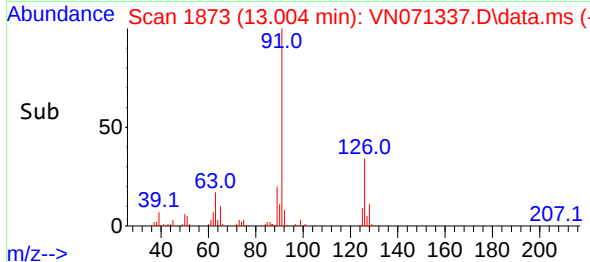
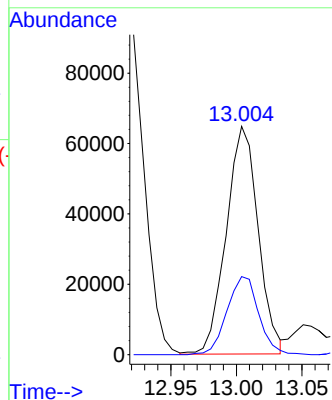
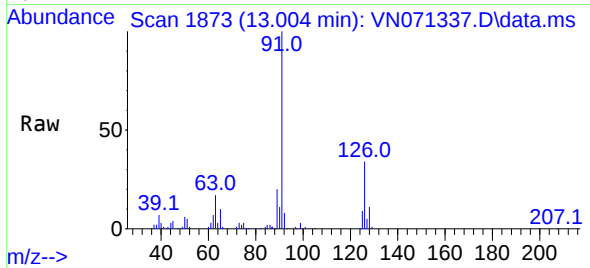
#75
2-Chlorotoluene
Concen: 4.398 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 109694
Ion Ratio Lower Upper
91 100
126 34.1 0.0 69.8

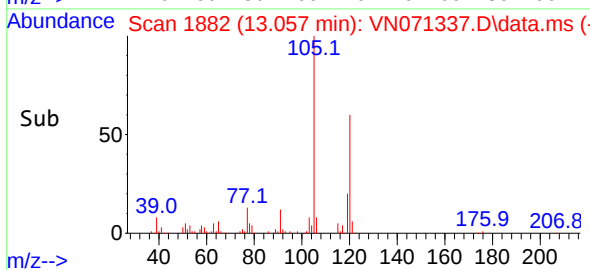
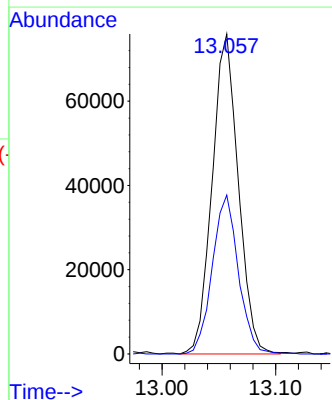
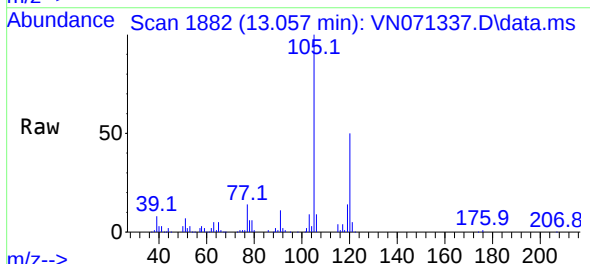
Manual Integrations
APPROVED

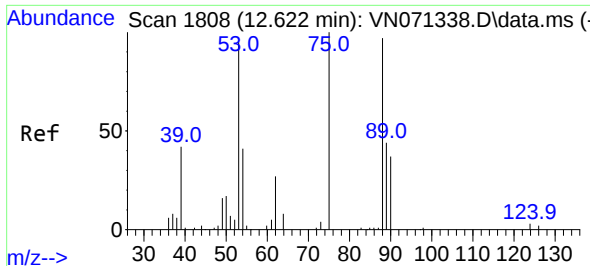
Reviewed By :John Carbone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.204 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

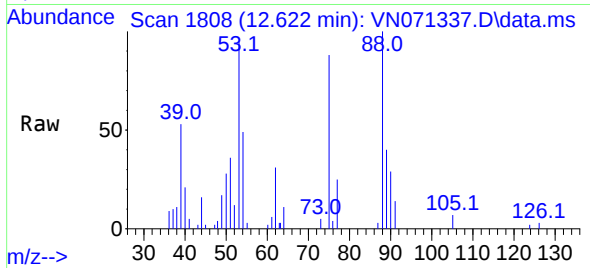
Tgt Ion:105 Resp: 121358
Ion Ratio Lower Upper
105 100
120 49.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.318 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

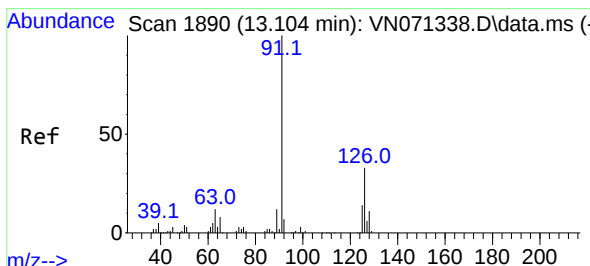
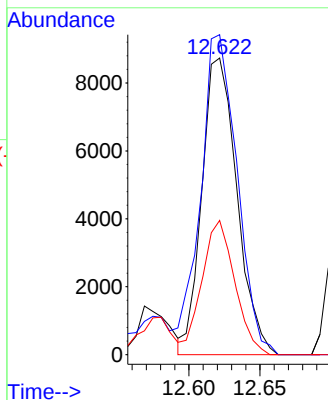
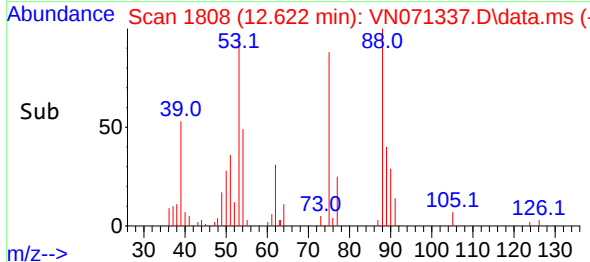
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 15020
Ion Ratio Lower Upper
75 100
53 107.9 51.8 155.5
89 45.2 22.9 68.7

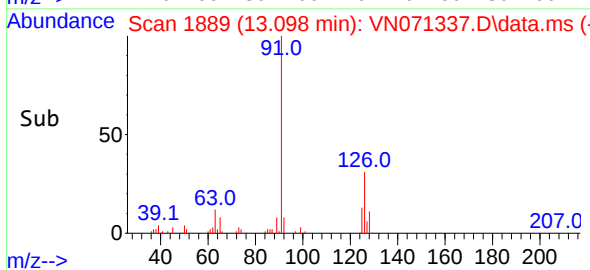
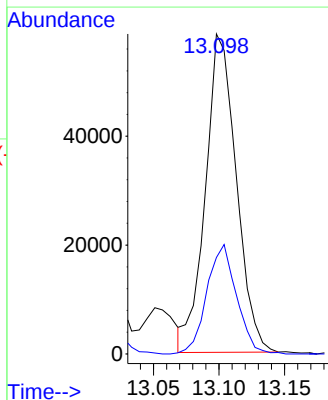
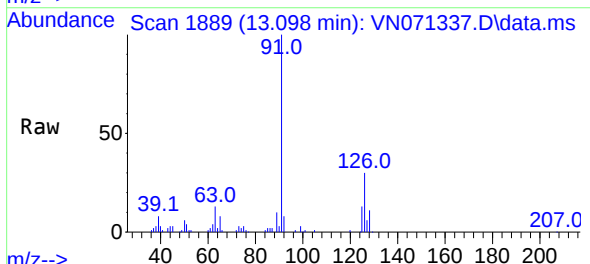
Manual Integrations
APPROVED

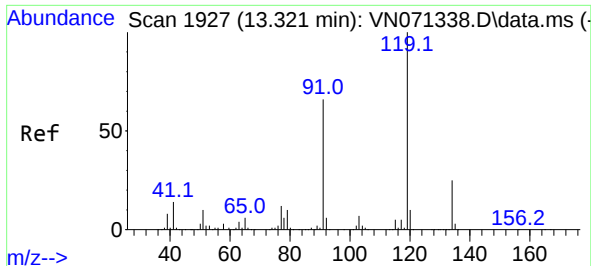
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#78
4-Chlorotoluene
Concen: 4.043 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion: 91 Resp: 95737
Ion Ratio Lower Upper
91 100
126 33.1 0.0 70.6





#79
tert-butylbenzene
Concen: 4.465 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

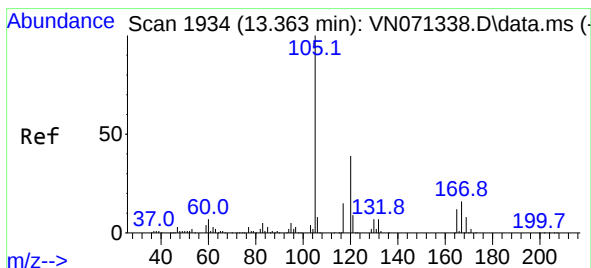
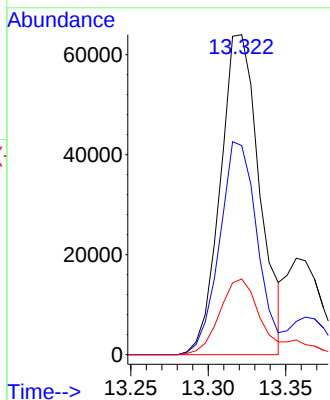
Tgt Ion:119 Resp: 11330
Ion Ratio Lower Upper
119 100
91 63.5 0.0 137.0
134 23.5 0.0 47.6

Manual Integrations

APPROVED

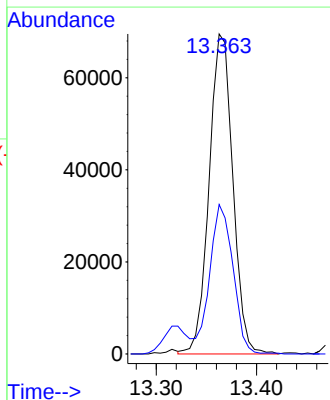
Reviewed By :John Carlone 03/17/2022

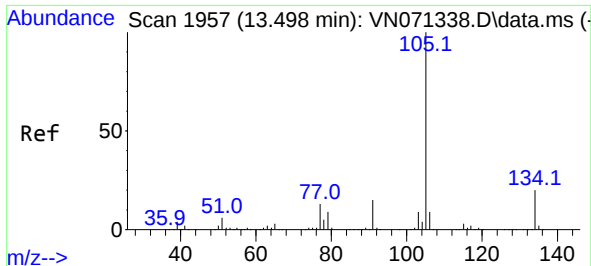
Supervised By :Semsettin Yesilyurt 03/21/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.078 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Tgt Ion:105 Resp: 114124
Ion Ratio Lower Upper
105 100
120 46.2 0.0 0.2#





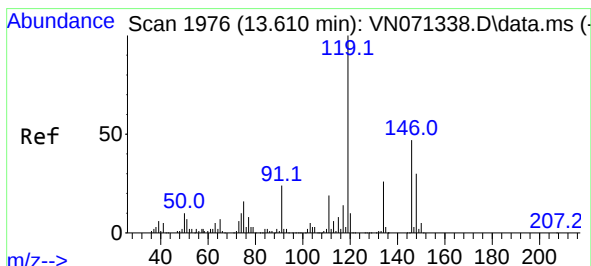
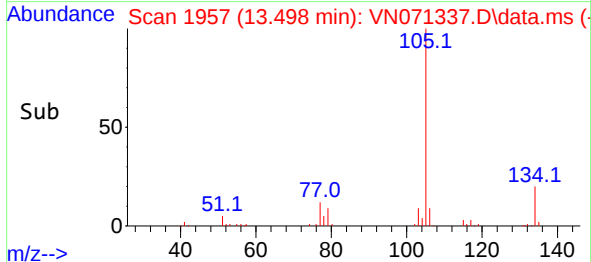
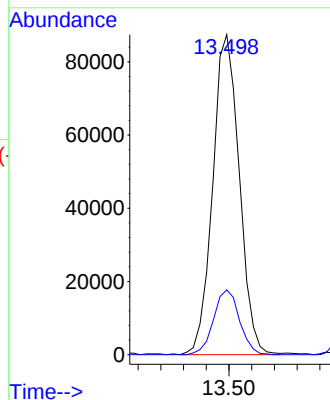
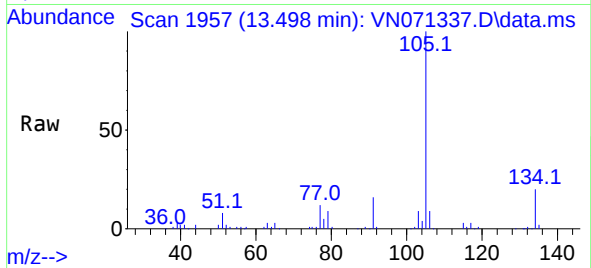
#81
 sec-Butylbenzene
 Concen: 4.063 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071337.D
 Acq: 16 Mar 2022 23:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 14191
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

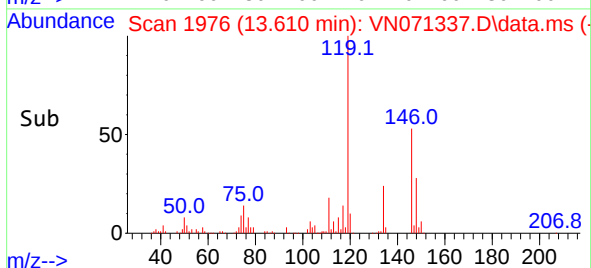
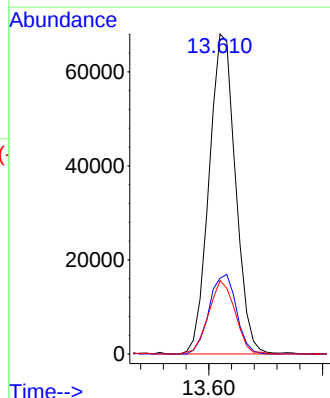
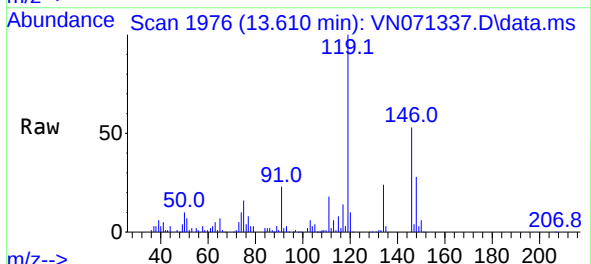
Manual Integrations
 APPROVED

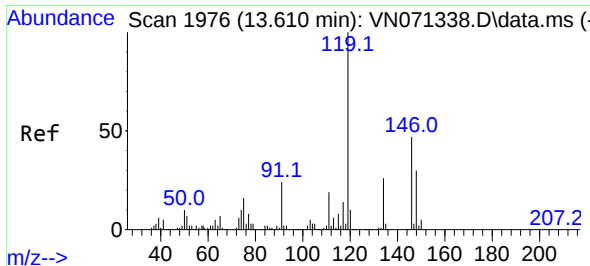
Reviewed By :John Carlone 03/17/2022
 Supervised By :Semsettin Yesilyurt 03/21/2022



#82
 p-Isopropyltoluene
 Concen: 3.954 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071337.D
 Acq: 16 Mar 2022 23:14

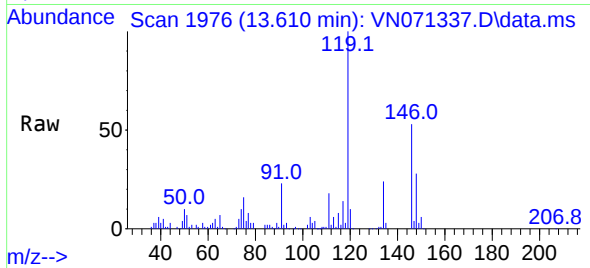
Tgt Ion:119 Resp: 110059
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 22.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 4.162 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

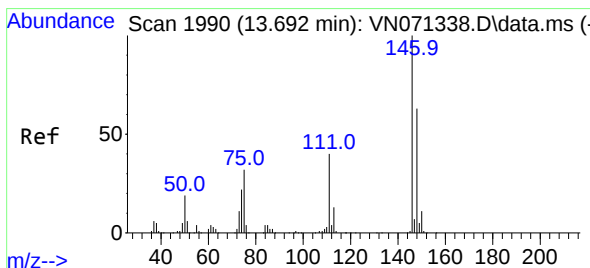
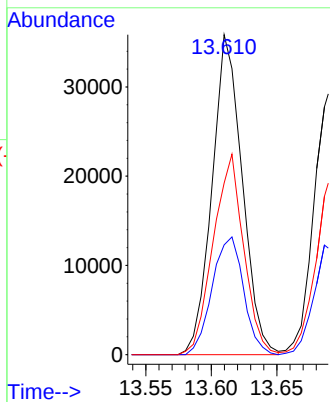
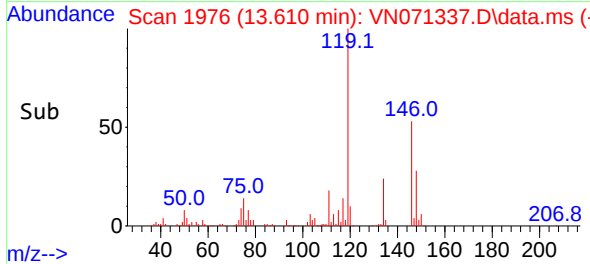
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



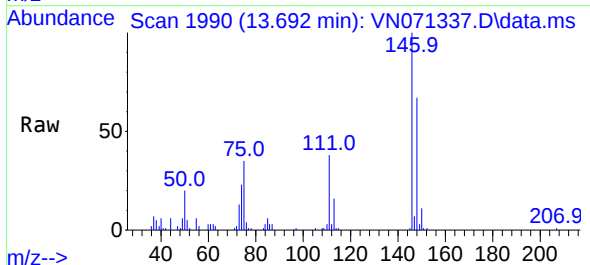
Tgt Ion:146 Resp: 57348
Ion Ratio Lower Upper
146 100
111 38.4 20.8 62.2
148 63.3 31.4 94.3

Manual Integrations
APPROVED

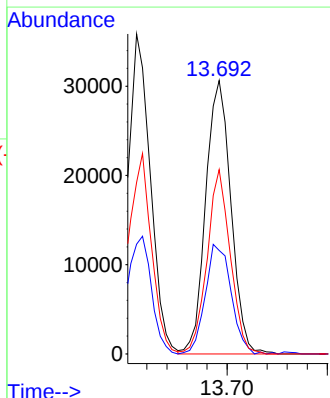
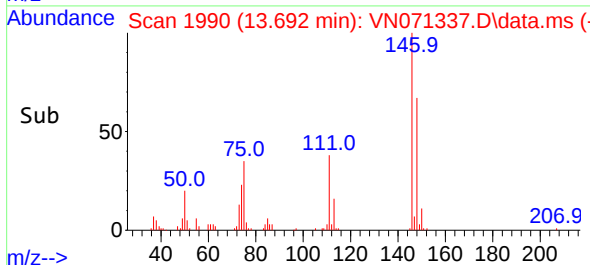
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

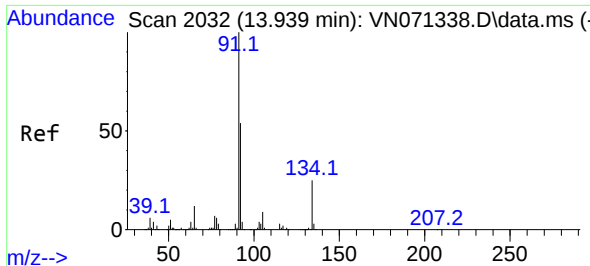


#84
1,4-Dichlorobenzene
Concen: 4.059 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion:146 Resp: 53683
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 61.9 31.1 93.5





#85
n-Butylbenzene
Concen: 3.136 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

Instrument :

MSVOA_N

ClientSampleId :

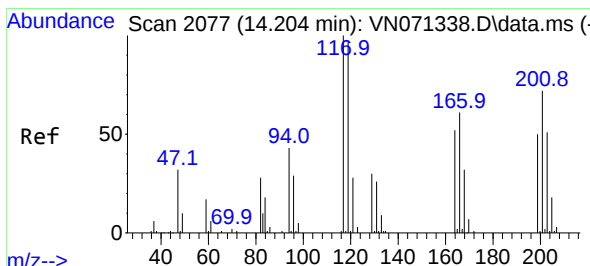
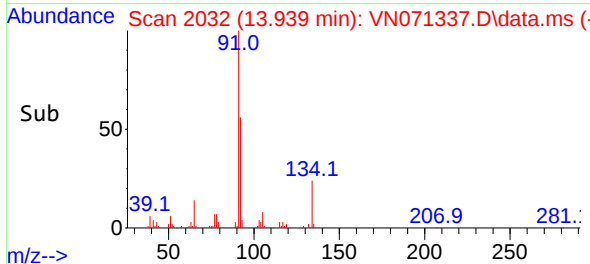
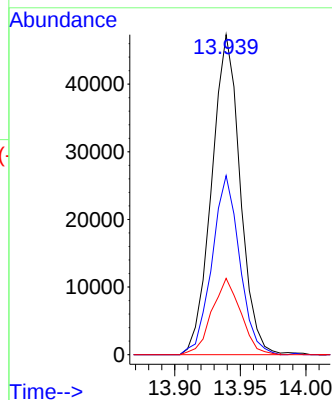
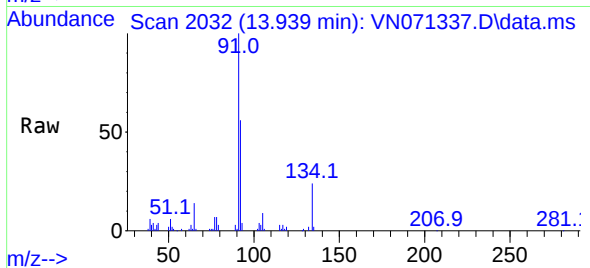
VSTDIC005

Tgt Ion: 91 Resp: 7144
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 24.2 0.0 50.2

Manual Integrations

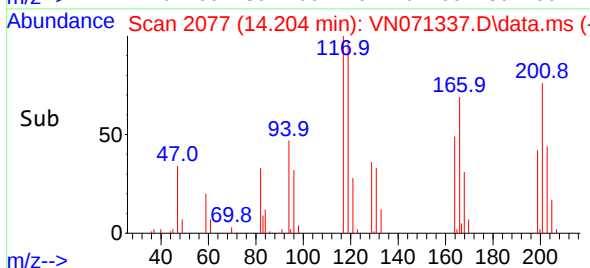
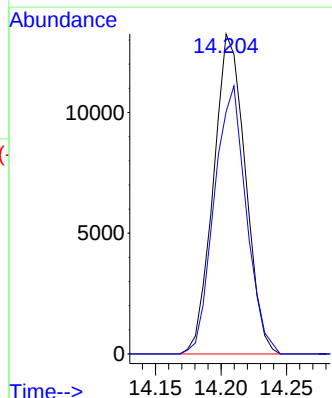
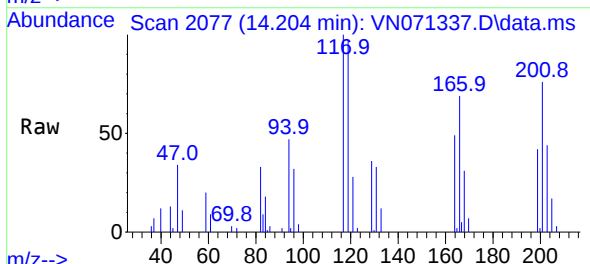
APPROVED

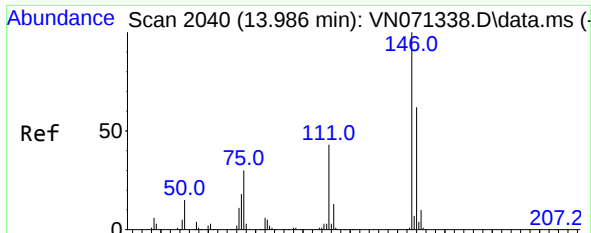
Reviewed By :John Carbone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#86
Hexachloroethane
Concen: 4.057 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

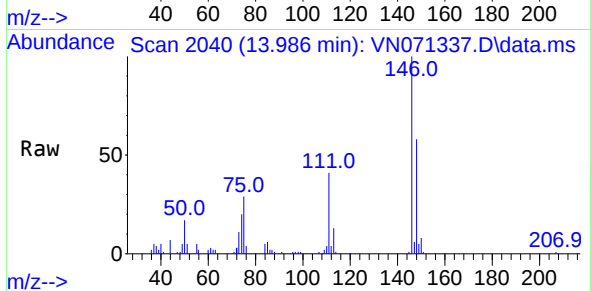
Tgt Ion:117 Resp: 22399
Ion Ratio Lower Upper
117 100
201 84.2 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 4.338 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

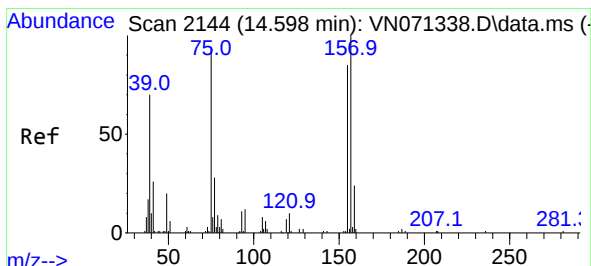
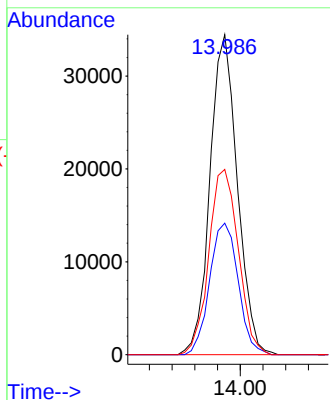
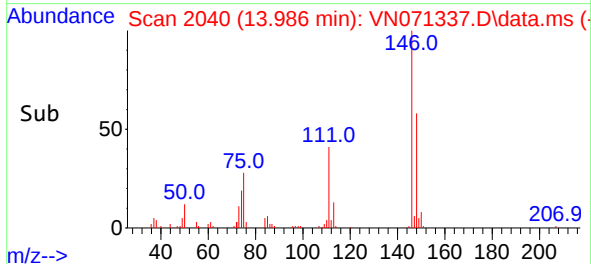
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



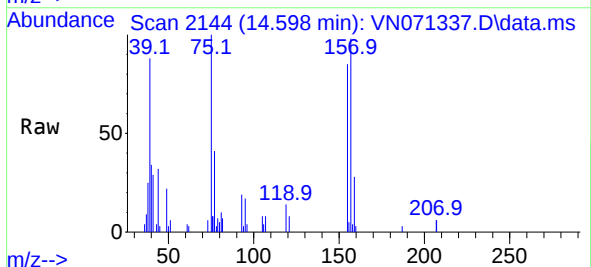
Tgt Ion:146 Resp: 57714
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 62.5 32.5 97.4

Manual Integrations
APPROVED

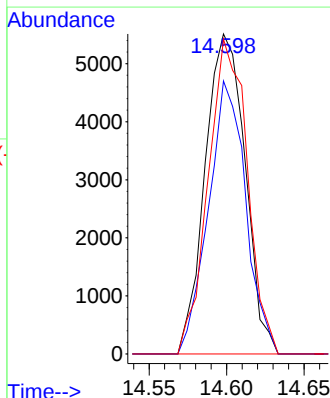
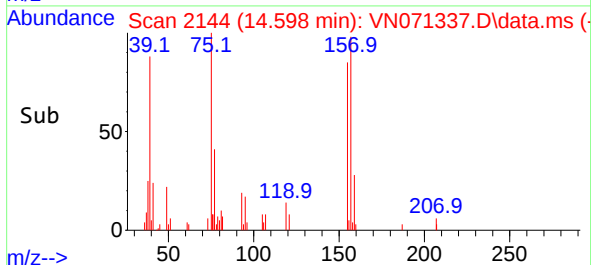
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

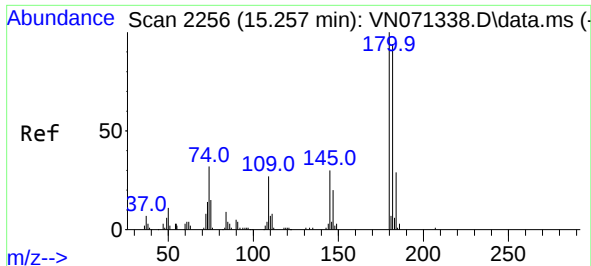


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.344 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



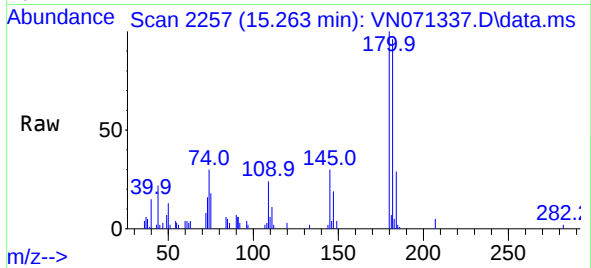
Tgt Ion: 75 Resp: 9879
Ion Ratio Lower Upper
75 100
155 79.7 63.8 95.8
157 96.1 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 3.168 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

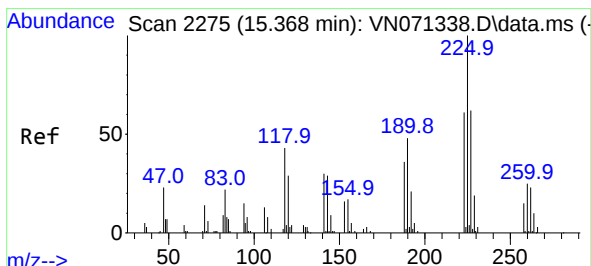
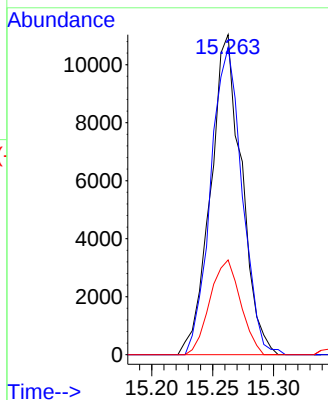
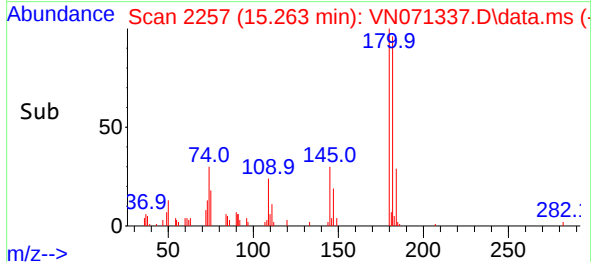
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



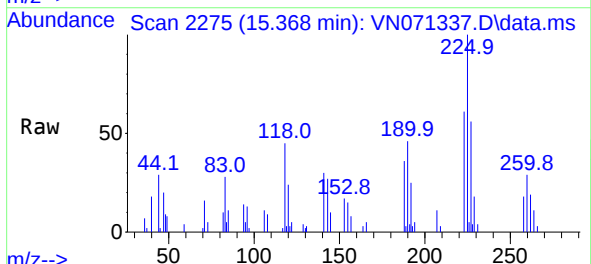
Tgt Ion:180 Resp: 1956
Ion Ratio Lower Upper
180 100
182 97.3 77.7 116.5
145 29.1 26.6 39.8

Manual Integrations
APPROVED

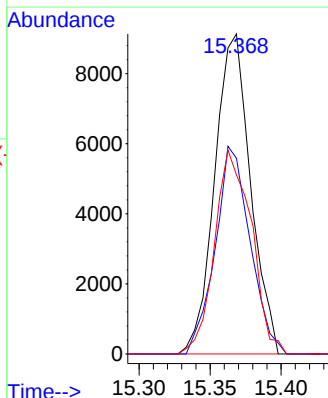
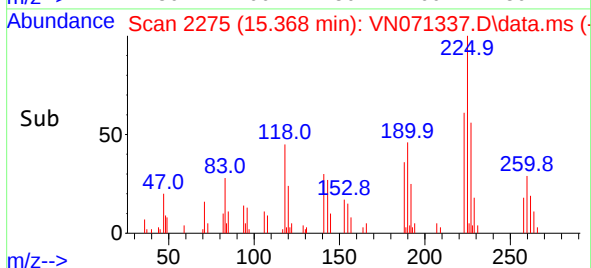
Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022

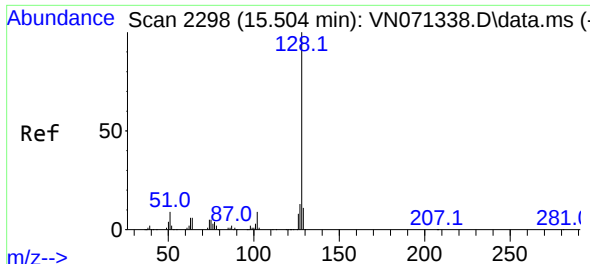


#90
Hexachlorobutadiene
Concen: 4.441 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



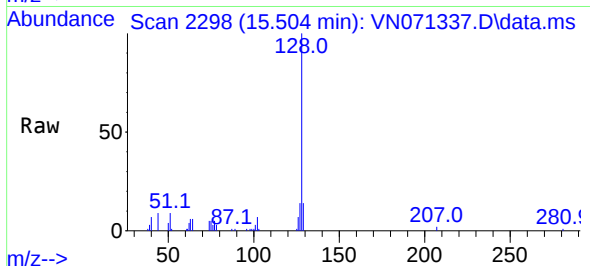
Tgt Ion:225 Resp: 16032
Ion Ratio Lower Upper
225 100
223 63.3 0.0 126.8
227 65.6 0.0 123.0





#91
Naphthalene
Concen: 2.989 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14

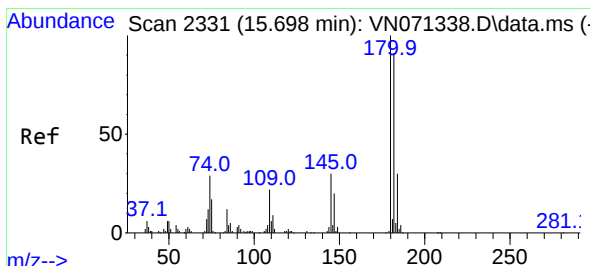
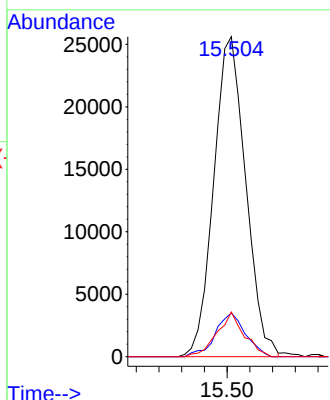
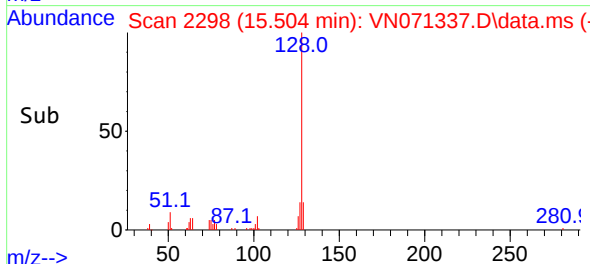
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



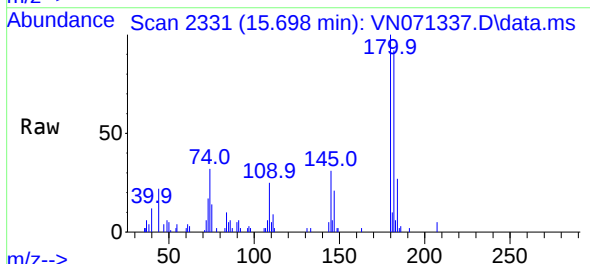
Tgt Ion:128 Resp: 4998
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.605 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN071337.D
Acq: 16 Mar 2022 23:14



Tgt Ion:180 Resp: 21308
Ion Ratio Lower Upper
180 100
182 90.5 0.0 190.0
145 31.1 0.0 67.8

