

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077982.D
 Acq On : 30 May 2023 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 02:13:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	358831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	655875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	576259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	245496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268881	50.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.160%	
35) Dibromofluoromethane	8.177	113	233253	54.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.080%	
50) Toluene-d8	10.571	98	847420	51.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.853	95	285828	49.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	184390	45.152	ug/l	98
3) Chloromethane	2.371	50	209672	48.367	ug/l	98
4) Vinyl Chloride	2.518	62	282729	54.913	ug/l	94
5) Bromomethane	2.948	94	205095	53.860	ug/l	95
6) Chloroethane	3.118	64	200948	54.156	ug/l	98
7) Trichlorofluoromethane	3.501	101	389968	54.348	ug/l	98
8) Diethyl Ether	3.971	74	136190	51.991	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	211692	53.311	ug/l	99
10) Methyl Iodide	4.600	142	295003	62.294	ug/l	96
11) Tert butyl alcohol	5.542	59	191393	258.298	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	204431	54.167	ug/l	91
13) Acrolein	4.189	56	112286	242.751	ug/l	95
14) Allyl chloride	5.036	41	299895	54.090	ug/l	96
15) Acrylonitrile	5.730	53	529598	267.526	ug/l	99
16) Acetone	4.436	43	410230	242.859	ug/l	97
17) Carbon Disulfide	4.718	76	486184	47.810	ug/l	100
18) Methyl Acetate	5.036	43	379715	53.584	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	731700	53.562	ug/l	96
20) Methylene Chloride	5.283	84	251804	57.572	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	227861	53.748	ug/l #	82
22) Diisopropyl ether	6.683	45	696377	53.586	ug/l	93
23) Vinyl Acetate	6.618	43	2098374	260.610	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	444424	55.821	ug/l	96
25) 2-Butanone	7.494	43	666742	252.327	ug/l	89
26) 2,2-Dichloropropane	7.500	77	335923	49.663	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	284374	55.943	ug/l	95
28) Bromochloromethane	7.824	49	182559	53.019	ug/l	87
29) Tetrahydrofuran	7.847	42	440871	254.809	ug/l	85
30) Chloroform	7.977	83	484720	55.345	ug/l	95
31) Cyclohexane	8.265	56	355329	48.694	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	424798	57.050	ug/l	98
36) 1,1-Dichloropropene	8.383	75	351177	56.138	ug/l	96
37) Ethyl Acetate	7.571	43	280234	50.260	ug/l	94
38) Carbon Tetrachloride	8.371	117	379283	60.043	ug/l	99
39) Methylcyclohexane	9.606	83	378241	49.389	ug/l	90
40) Benzene	8.612	78	1040371	56.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	146705	49.406	ug/l	93
42) 1,2-Dichloroethane	8.683	62	360032	53.690	ug/l	99
43) Isopropyl Acetate	8.694	43	484571	53.207	ug/l	95
44) Trichloroethene	9.359	130	270112	57.787	ug/l	100
45) 1,2-Dichloropropane	9.630	63	265684	56.425	ug/l	93
46) Dibromomethane	9.712	93	186050	55.218	ug/l	93
47) Bromodichloromethane	9.894	83	381164	59.089	ug/l	99
48) Methyl methacrylate	9.688	41	224429	51.976	ug/l	93
49) 1,4-Dioxane	9.700	88	95505	1171.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1479549	273.308	ug/l	94
52) Toluene	10.635	92	674048	58.652	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	391674	57.337	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	428106	56.870	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	264528	57.970	ug/l	98
56) Ethyl methacrylate	10.882	69	391519	56.746	ug/l	92
57) 1,3-Dichloropropane	11.171	76	444098	56.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	718080	211.557	ug/l	93
59) 2-Hexanone	11.200	43	1053120	263.008	ug/l	92
60) Dibromochloromethane	11.365	129	289496	61.454	ug/l	100
61) 1,2-Dibromoethane	11.476	107	265418	58.304	ug/l	99
64) Tetrachloroethene	11.112	164	250761	62.225	ug/l	97
65) Chlorobenzene	11.900	112	715667	57.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.971	131	271793	62.877	ug/l	99
67) Ethyl Benzene	11.971	91	1298359	57.995	ug/l	97
68) m/p-Xylenes	12.076	106	998357	117.692	ug/l	99
69) o-Xylene	12.406	106	488706	58.581	ug/l	95
70) Styrene	12.418	104	785027	59.236	ug/l	97
71) Bromoform	12.588	173	182926	63.615	ug/l #	98
73) Isopropylbenzene	12.700	105	1258165	59.455	ug/l	99
74) N-amyl acetate	12.500	43	401201	51.291	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	362996	55.758	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	444235	72.256	ug/l	73
77) Bromobenzene	12.988	156	279481	57.872	ug/l	98
78) n-propylbenzene	13.041	91	1445953	57.958	ug/l	100
79) 2-Chlorotoluene	13.135	91	867697	58.285	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1048757	58.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	103248	53.681	ug/l	92
82) 4-Chlorotoluene	13.229	91	825303	55.718	ug/l	98
83) tert-Butylbenzene	13.447	119	892492	57.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1044043	59.687	ug/l	98
85) sec-Butylbenzene	13.623	105	1233834	55.915	ug/l	99
86) p-Isopropyltoluene	13.735	119	1030145	58.558	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	496194	55.559	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	480367	54.202	ug/l	100
89) n-Butylbenzene	14.065	91	833524	51.513	ug/l	98
90) Hexachloroethane	14.341	117	177929	61.568	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	485829	58.229	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62288	49.420	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	206031	42.257	ug/l	96
94) Hexachlorobutadiene	15.506	225	93579	46.226	ug/l	98
95) Naphthalene	15.647	128	647632	38.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	218642	45.801	ug/l	98

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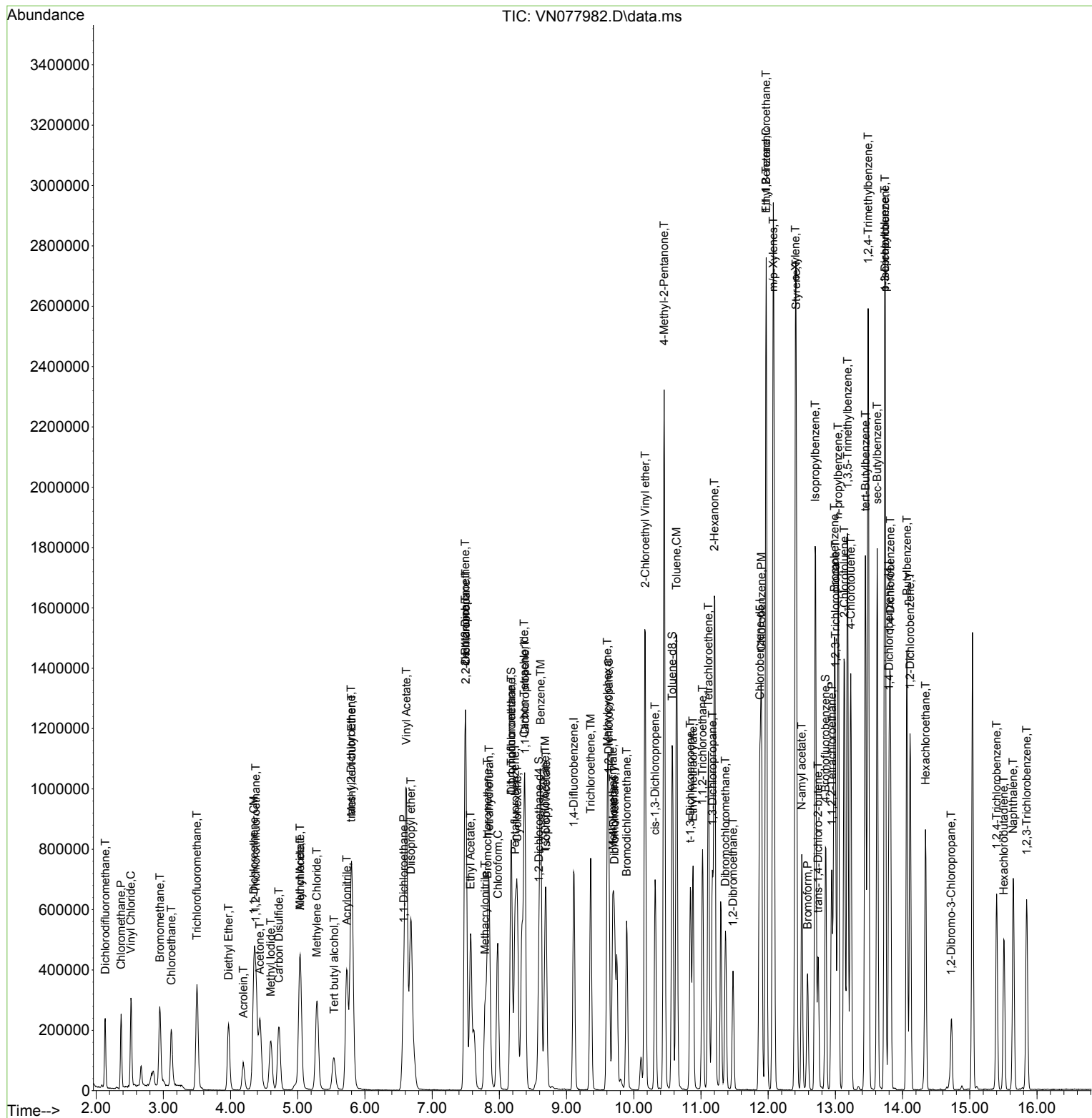
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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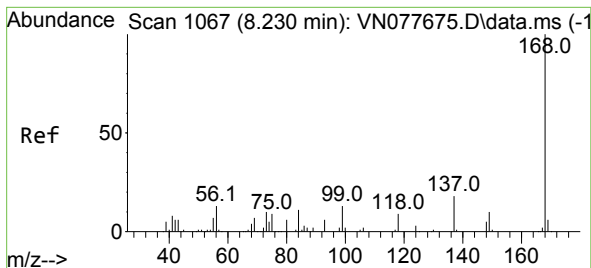
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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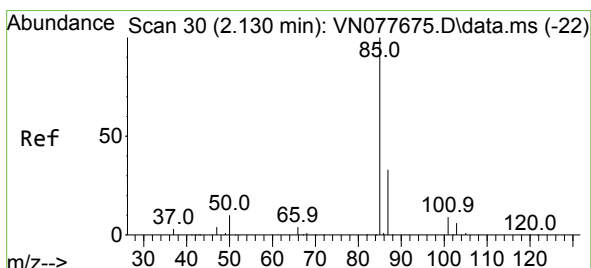
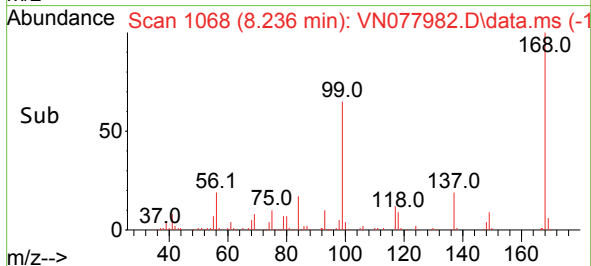
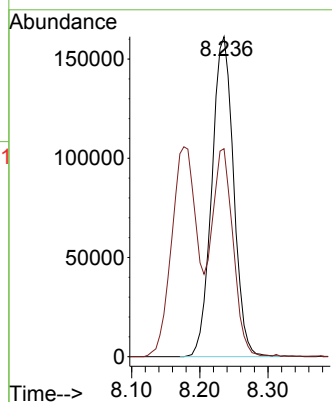
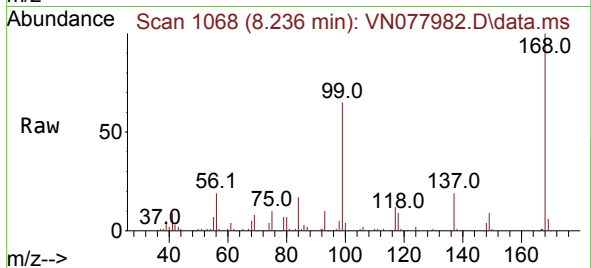




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
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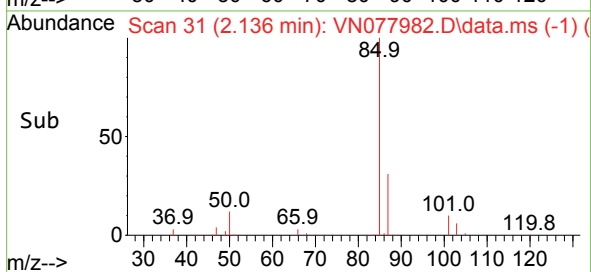
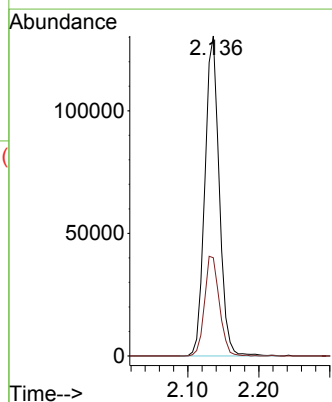
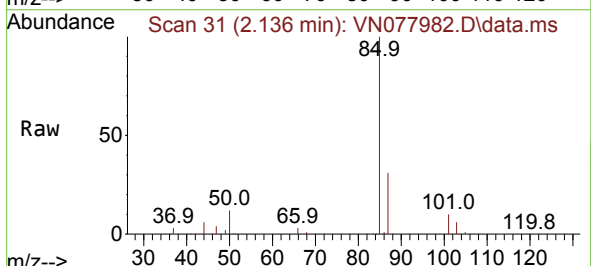
Instrument :
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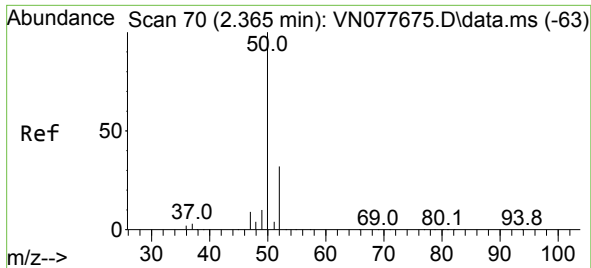
Tgt Ion:168 Resp: 358831
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 45.152 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 85 Resp: 184390
Ion Ratio Lower Upper
85 100
87 30.7 15.8 47.4

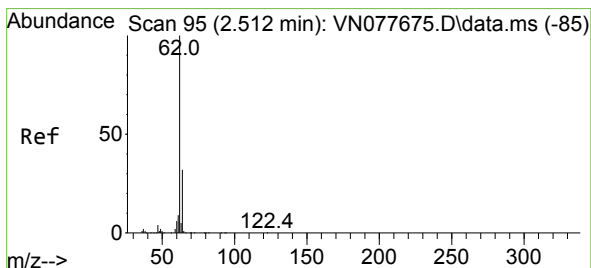
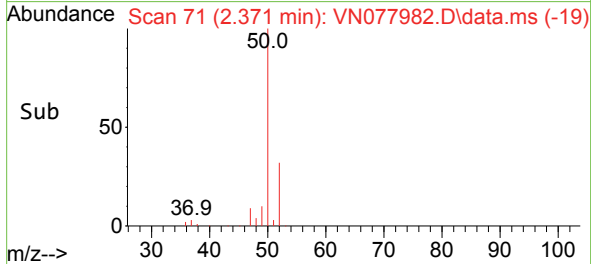
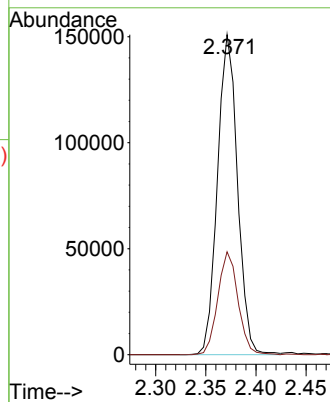
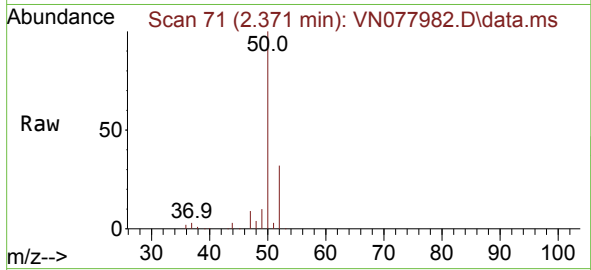




#3
Chloromethane
Concen: 48.367 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

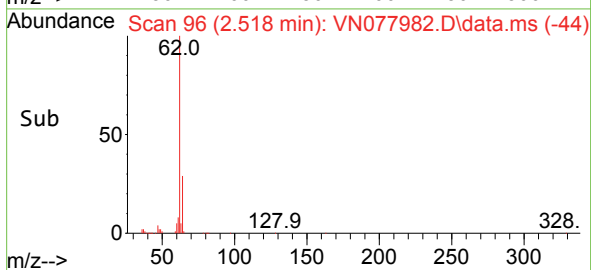
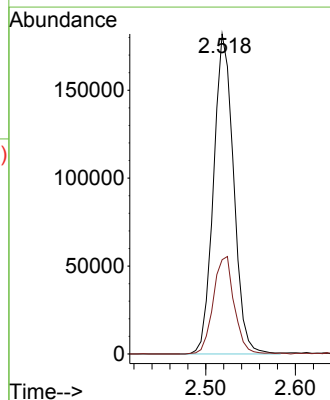
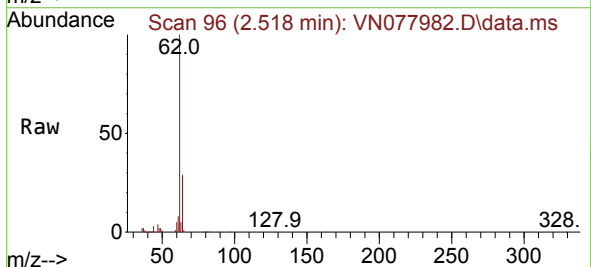
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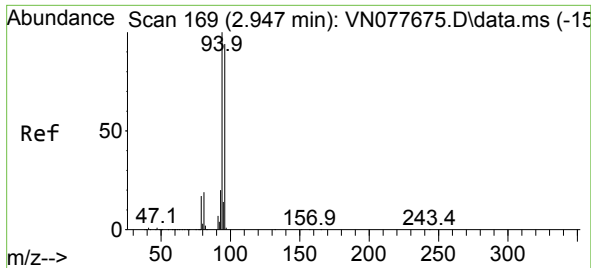
Tgt Ion: 50 Resp: 209672
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 54.913 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 62 Resp: 282729
Ion Ratio Lower Upper
62 100
64 29.5 26.2 39.2

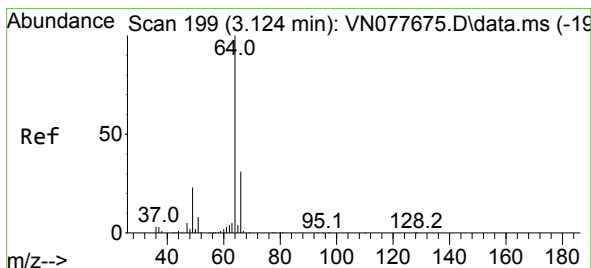
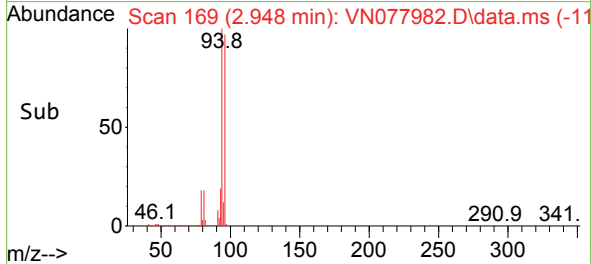
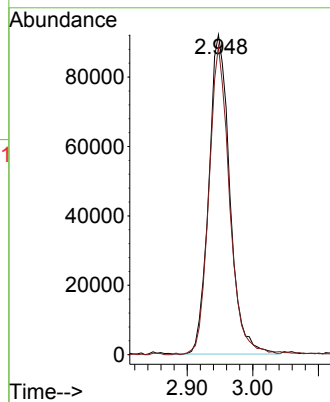
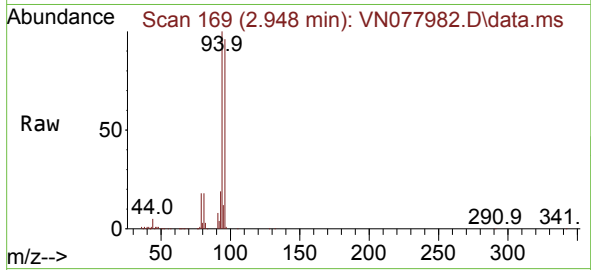




#5
Bromomethane
Concen: 53.860 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077982.D
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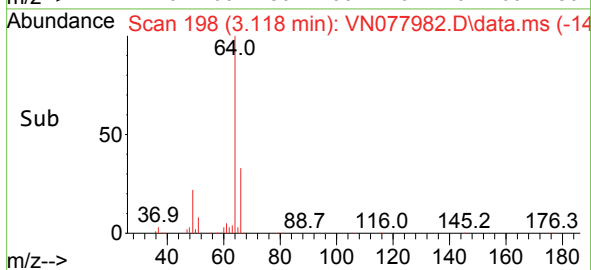
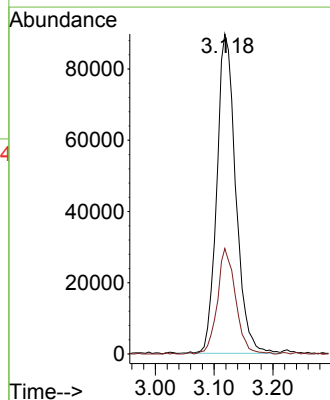
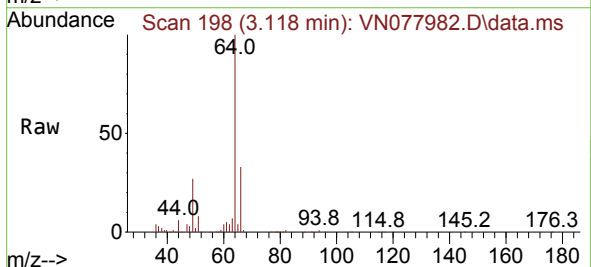
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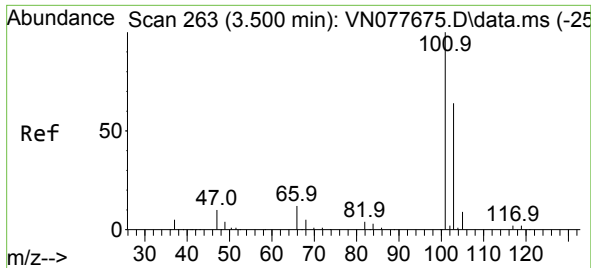
Tgt Ion: 94 Resp: 205095
Ion Ratio Lower Upper
94 100
96 96.6 73.1 109.7



#6
Chloroethane
Concen: 54.156 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 64 Resp: 200948
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

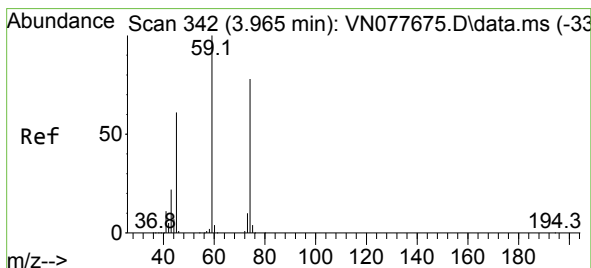
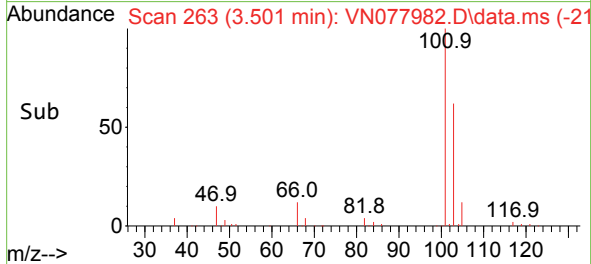
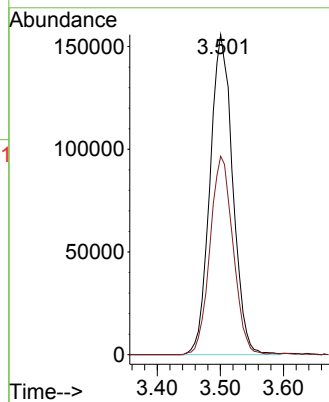
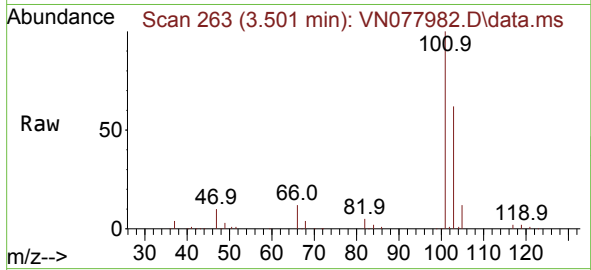




#7
 Trichlorofluoromethane
 Concen: 54.348 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VN077982.D
 Acq: 30 May 2023 20:15

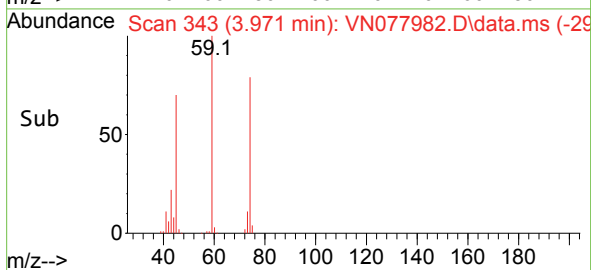
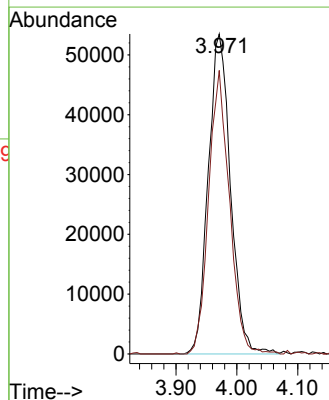
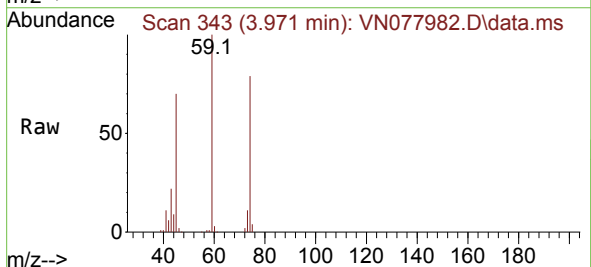
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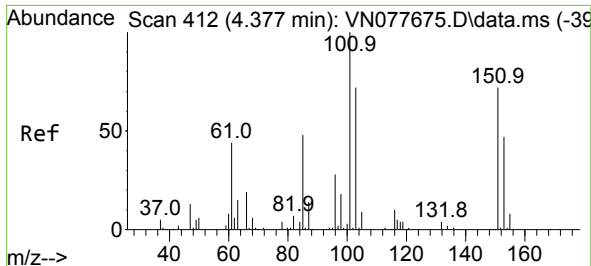
Tgt Ion:101 Resp: 389968
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.991 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 136190
 Ion Ratio Lower Upper
 74 100
 45 82.8 34.4 103.3

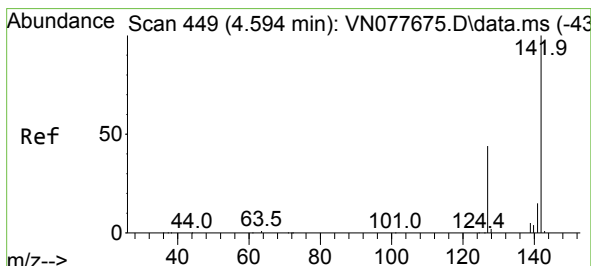
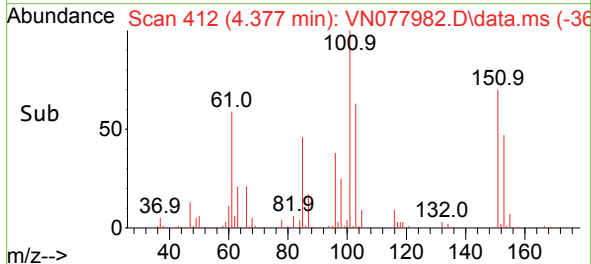
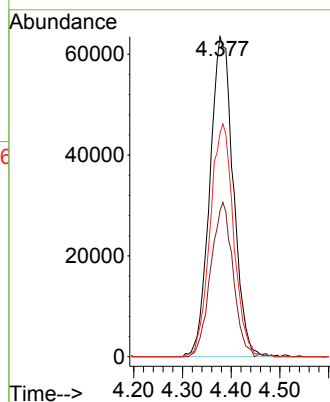
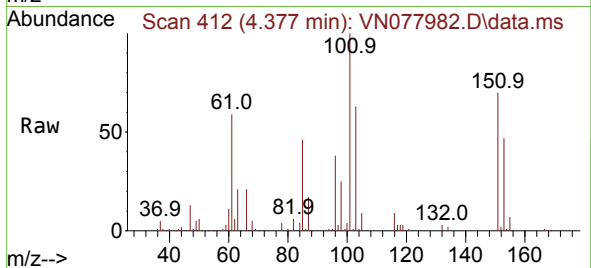




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.311 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

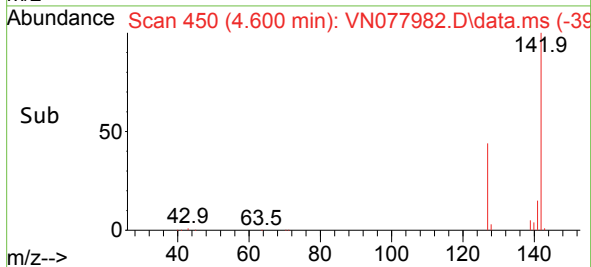
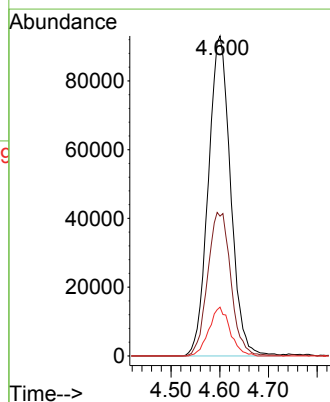
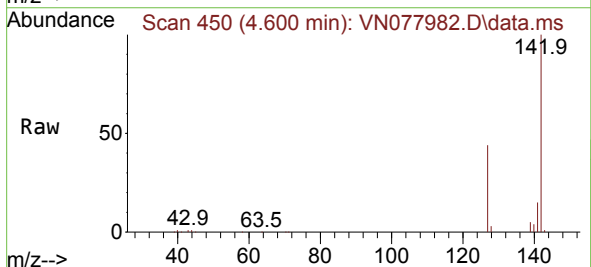
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

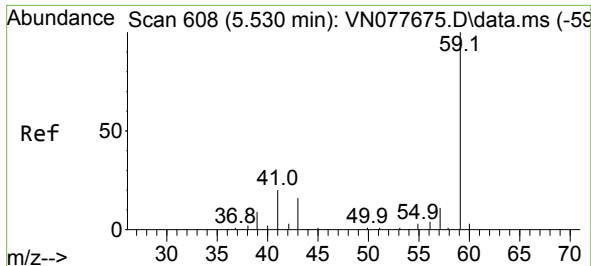
Tgt Ion:101 Resp: 211692
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 73.1 57.6 86.4



#10
Methyl Iodide
Concen: 62.294 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:142 Resp: 295003
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 15.2 11.4 17.0

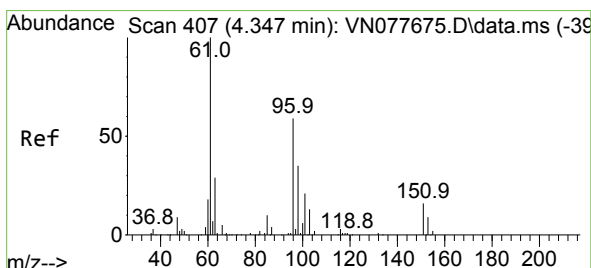
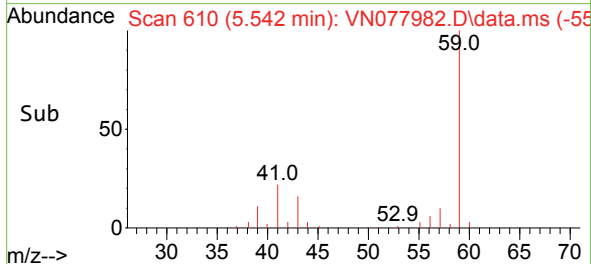
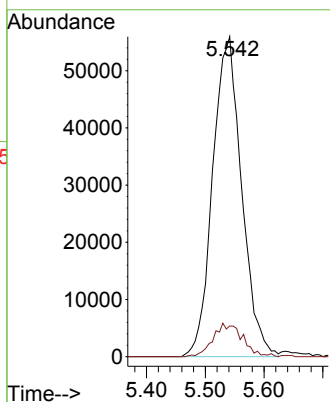
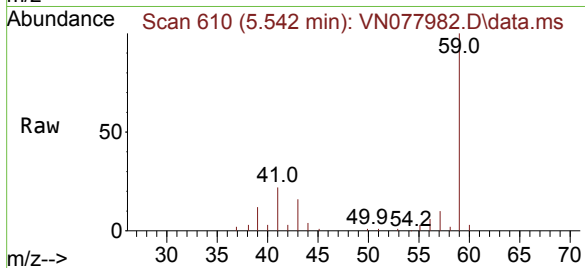




#11
Tert butyl alcohol
Concen: 258.298 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

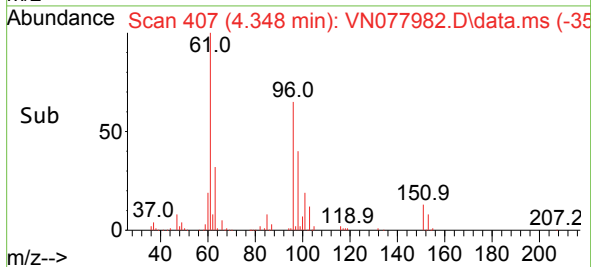
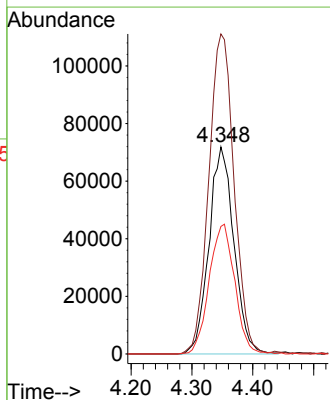
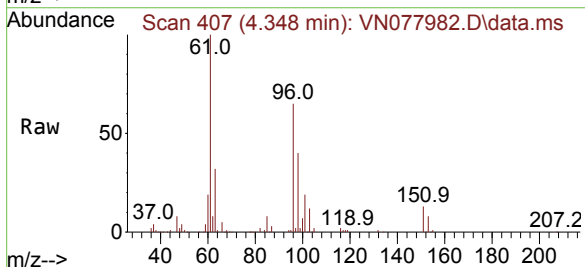
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

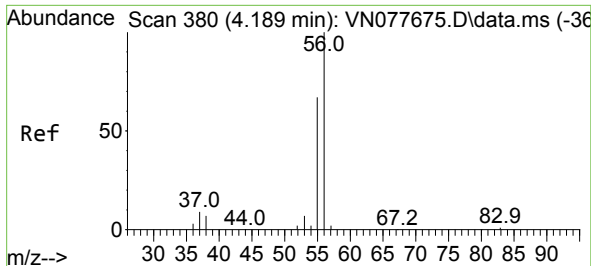
Tgt Ion: 59 Resp: 191393
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 54.167 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 96 Resp: 204431
Ion Ratio Lower Upper
96 100
61 154.5 112.7 169.1
98 61.6 51.2 76.8

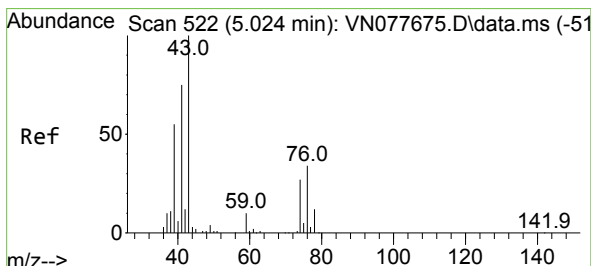
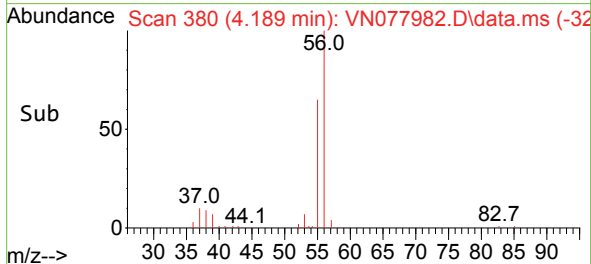
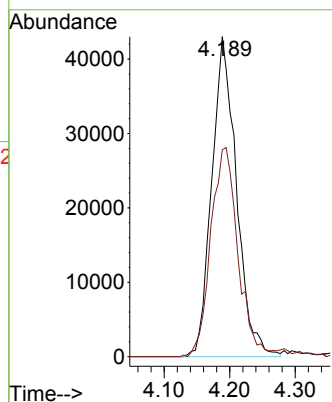
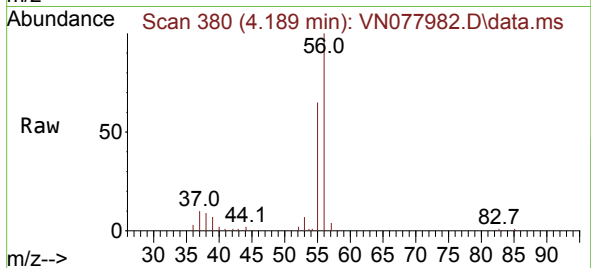




#13
Acrolein
Concen: 242.751 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

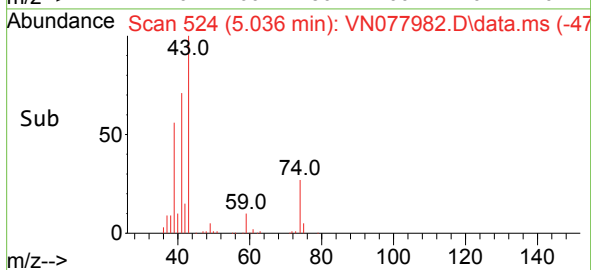
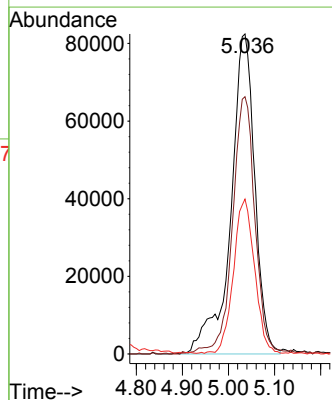
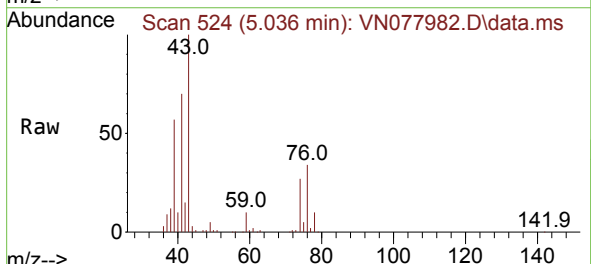
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

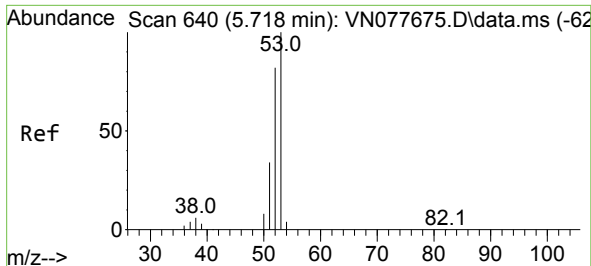
Tgt Ion: 56 Resp: 112286
Ion Ratio Lower Upper
56 100
55 72.0 54.5 81.7



#14
Allyl chloride
Concen: 54.090 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 41 Resp: 299895
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 42.1 39.1 58.7

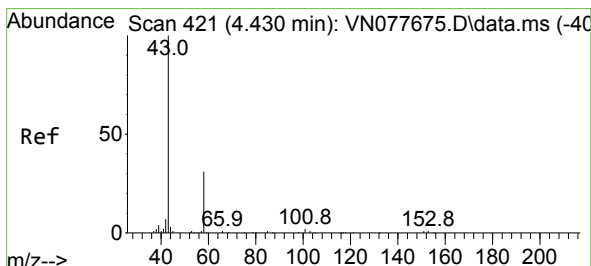
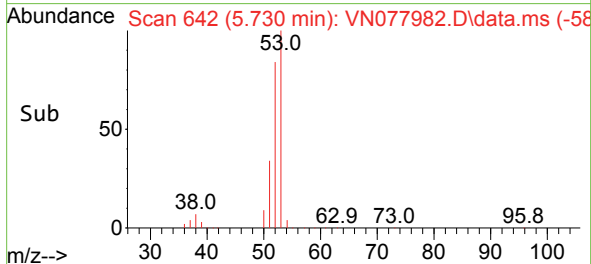
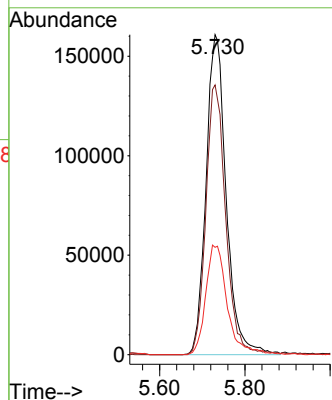
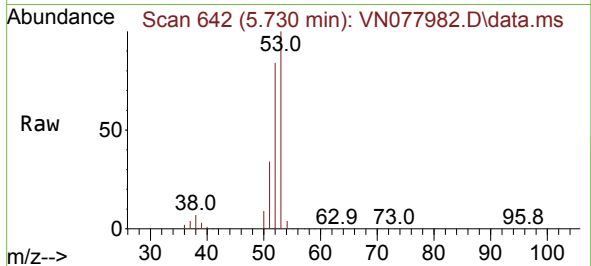




#15
Acrylonitrile
Concen: 267.526 ug/l
RT: 5.730 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

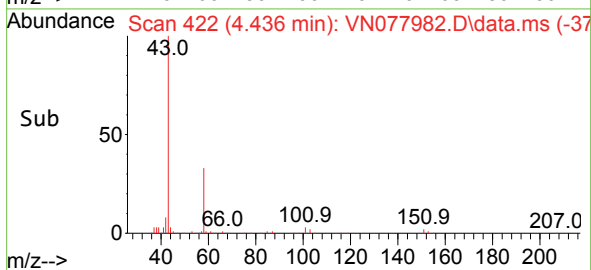
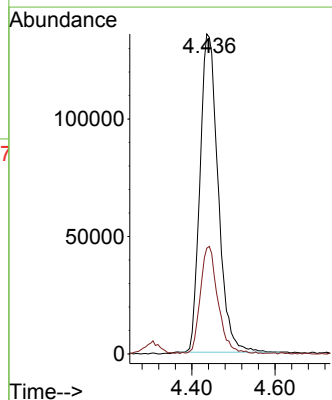
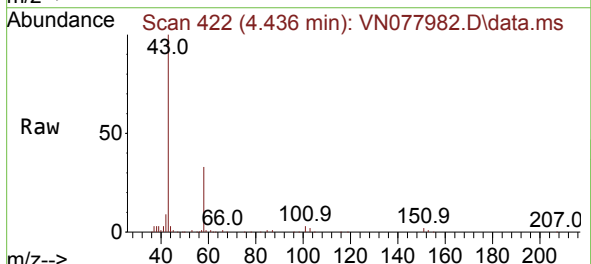
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

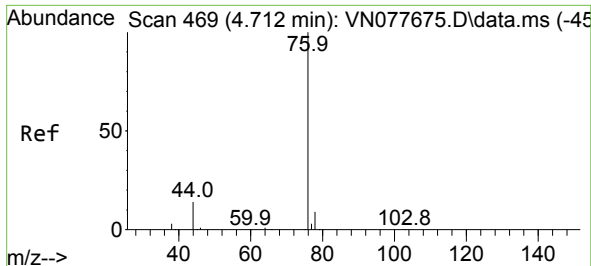
Tgt Ion: 53 Resp: 529598
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.4 28.9 43.3



#16
Acetone
Concen: 242.859 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 43 Resp: 410230
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0

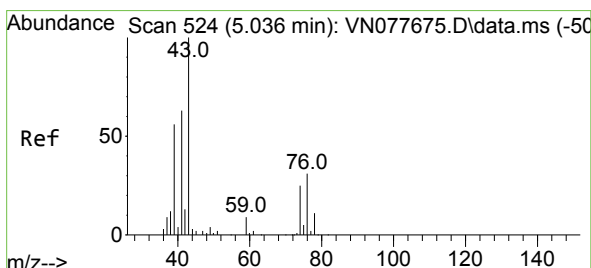
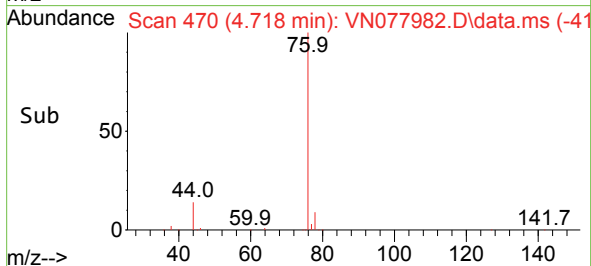
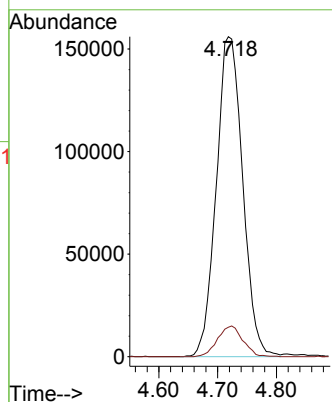
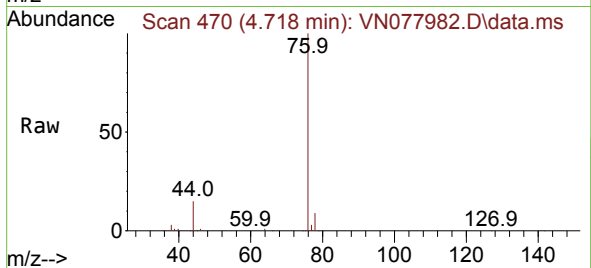




#17
Carbon Disulfide
Concen: 47.810 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

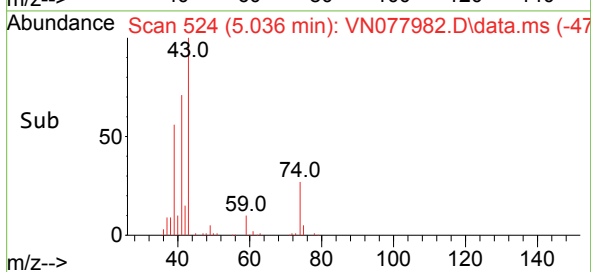
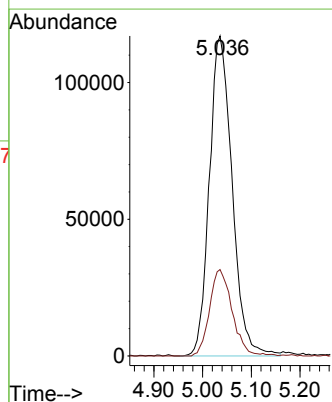
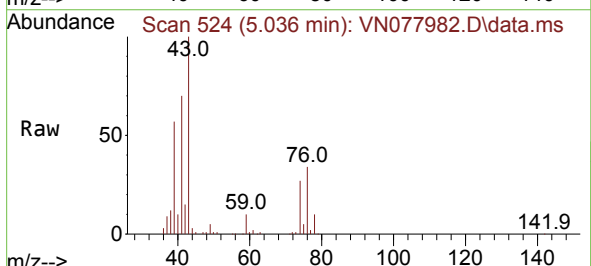
Instrument :
MSVOA_N
ClientSampleId :
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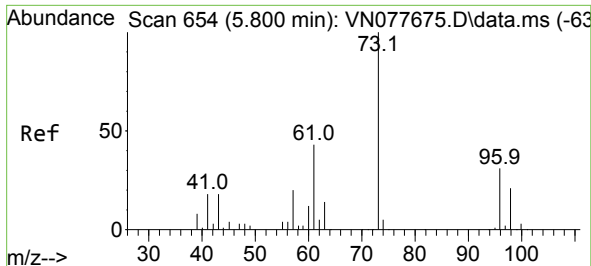
Tgt Ion: 76 Resp: 486184
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 53.584 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 43 Resp: 379715
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

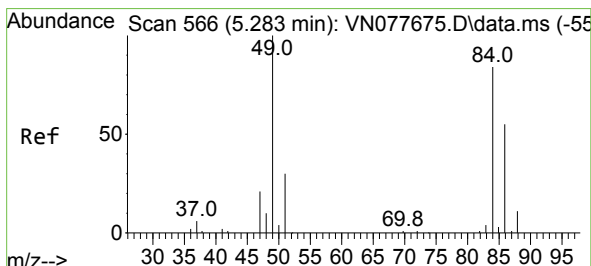
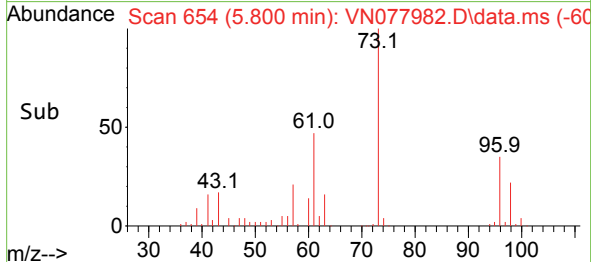
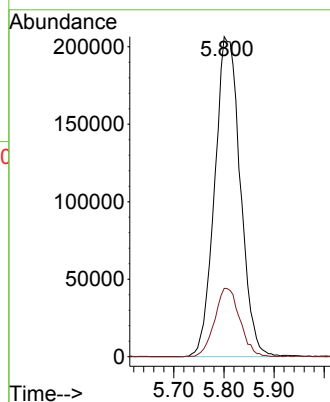
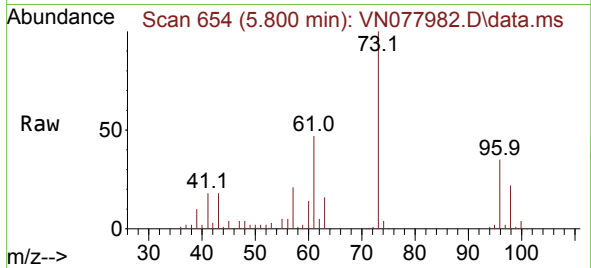




#19
Methyl tert-butyl Ether
Concen: 53.562 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

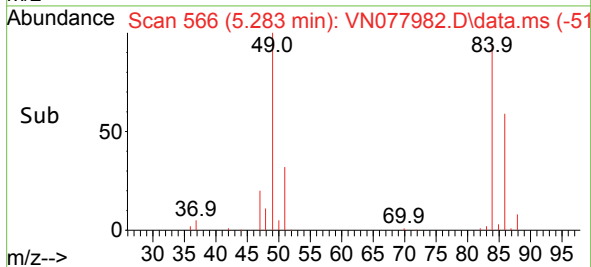
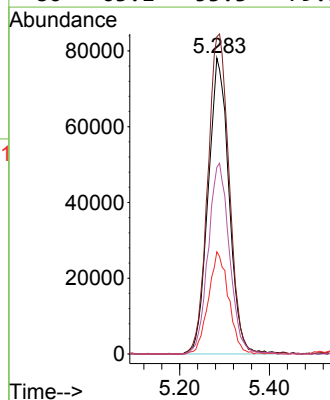
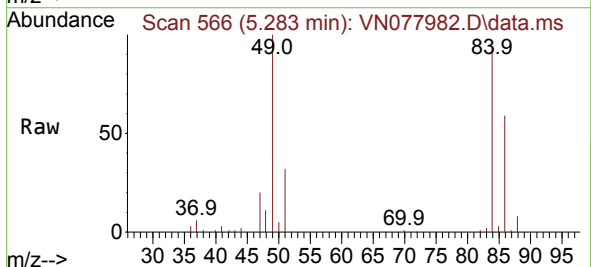
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

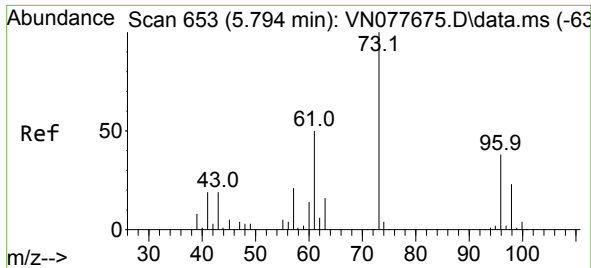
Tgt Ion: 73 Resp: 731700
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4



#20
Methylene Chloride
Concen: 57.572 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 84 Resp: 251804
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 34.5 25.2 37.8
86 63.1 53.3 79.9

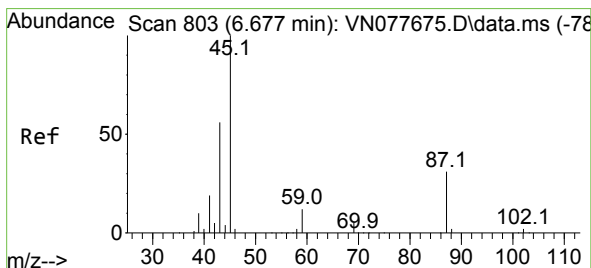
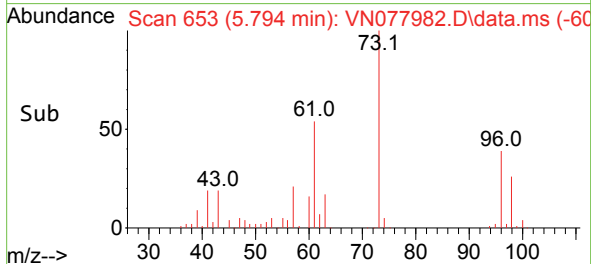
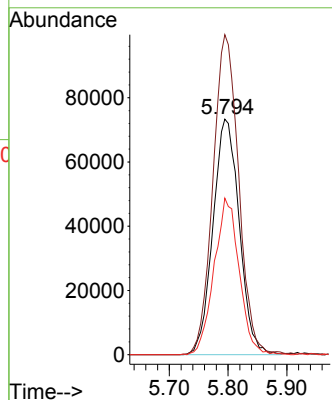
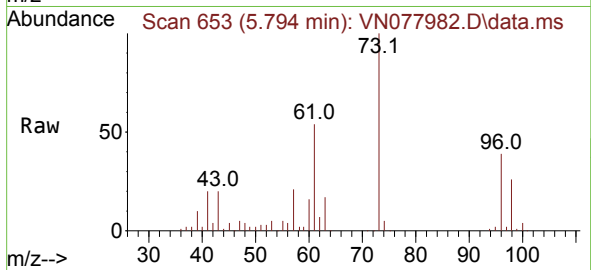




#21
trans-1,2-Dichloroethene
Concen: 53.748 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

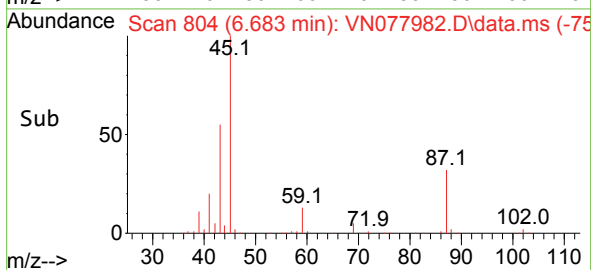
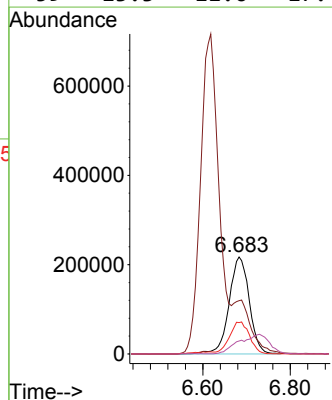
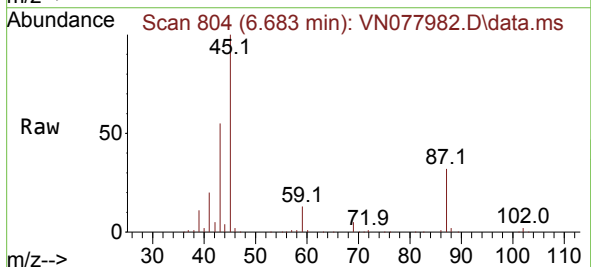
Instrument :
MSVOA_N
ClientSampleId :
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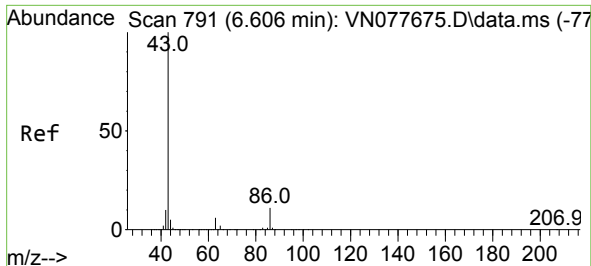
Tgt Ion: 96 Resp: 227861
Ion Ratio Lower Upper
96 100
61 135.9 90.1 135.1#
98 66.4 46.4 69.6



#22
Diisopropyl ether
Concen: 53.586 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 45 Resp: 696377
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 32.2 31.8 47.8
59 13.3 11.6 17.4

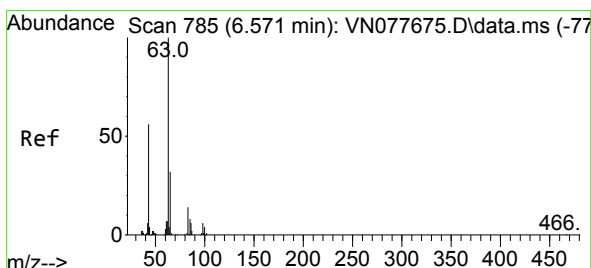
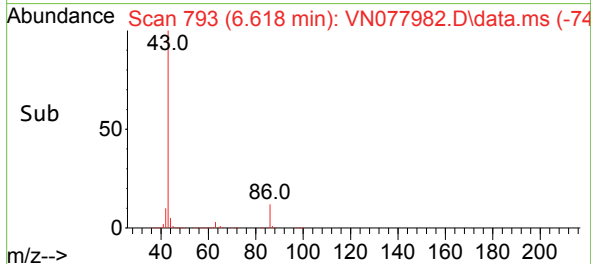
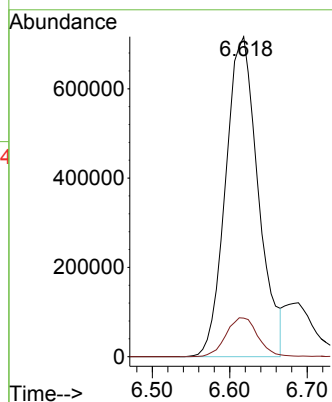
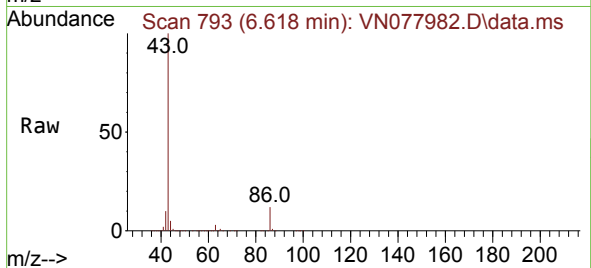




#23
 Vinyl Acetate
 Concen: 260.610 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077982.D
 Acq: 30 May 2023 20:15

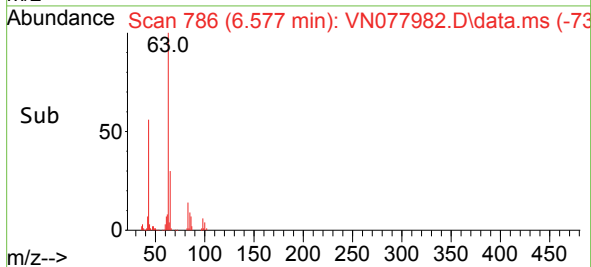
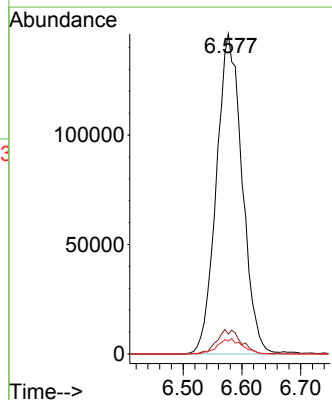
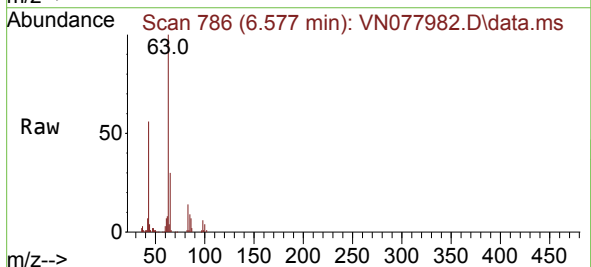
Instrument :
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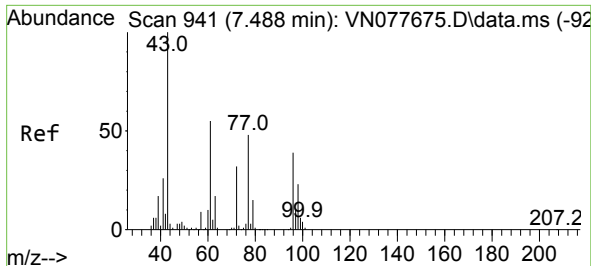
Tgt Ion: 43 Resp: 2098374
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 55.821 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077982.D
 Acq: 30 May 2023 20:15

Tgt Ion: 63 Resp: 444424
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.1 2.5 7.4

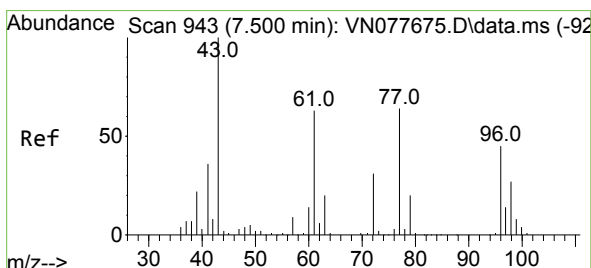
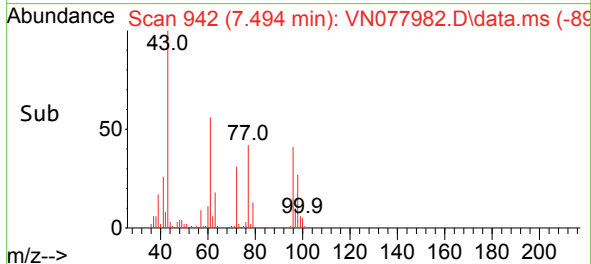
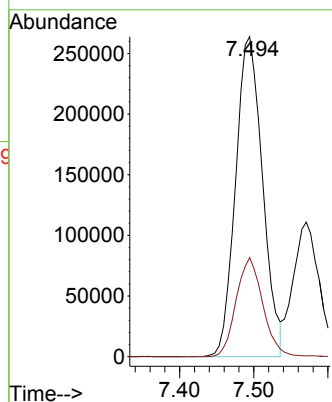
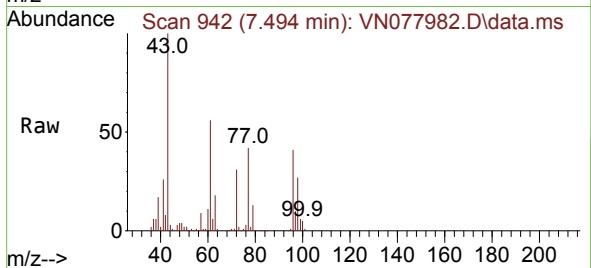




#25
2-Butanone
Concen: 252.327 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

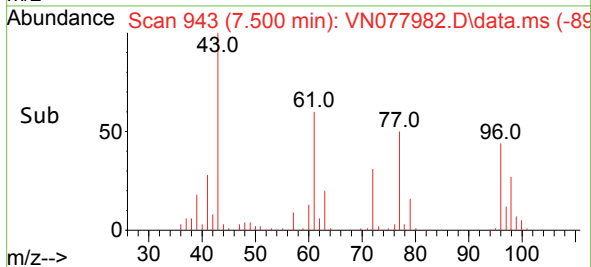
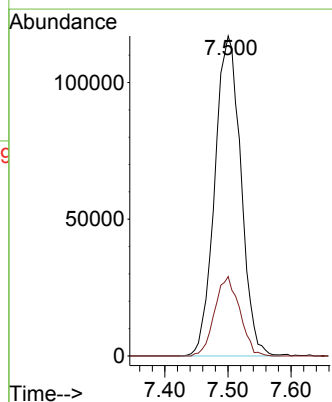
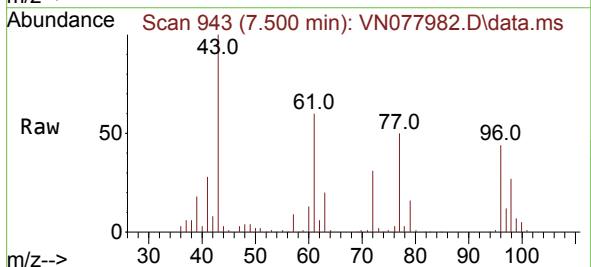
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ClientSampleId :
VSTDCCC050EC

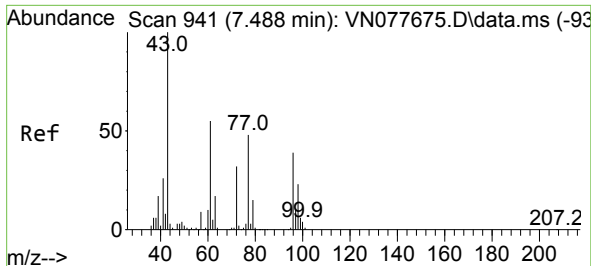
Tgt Ion: 43 Resp: 666742
Ion Ratio Lower Upper
43 100
72 30.9 30.2 45.2



#26
2,2-Dichloropropane
Concen: 49.663 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 77 Resp: 335923
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 55.943 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

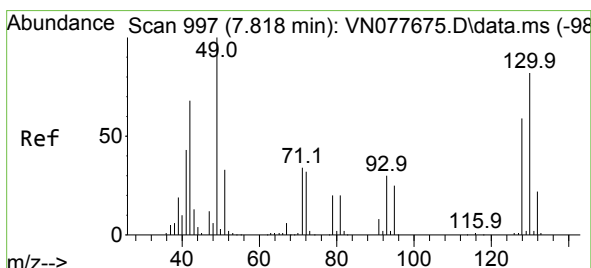
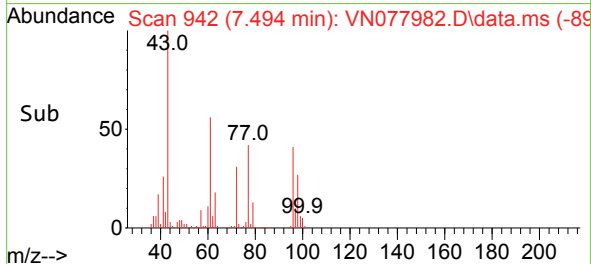
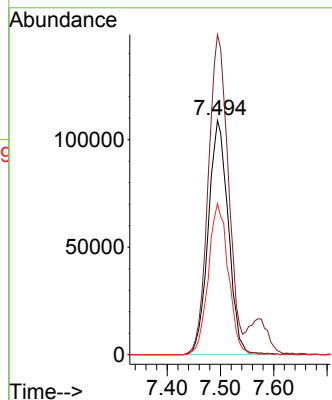
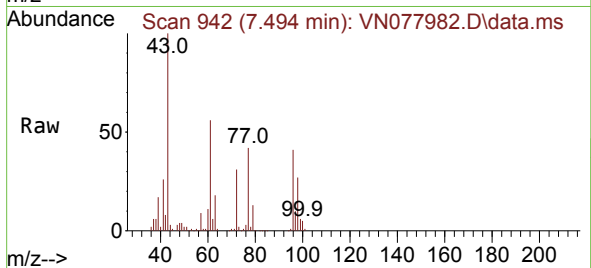
Tgt Ion: 96 Resp: 284374

Ion Ratio Lower Upper

96 100

61 136.7 0.0 255.2

98 64.6 0.0 128.8



#28

Bromochloromethane

Concen: 53.019 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

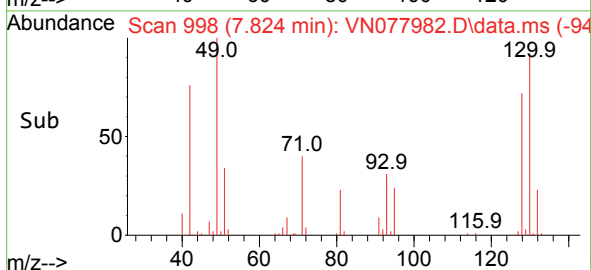
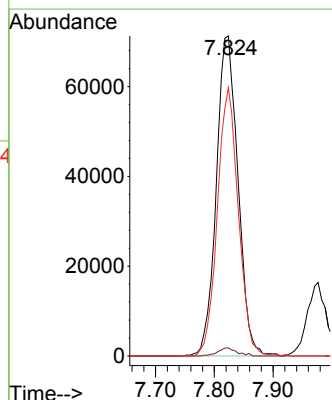
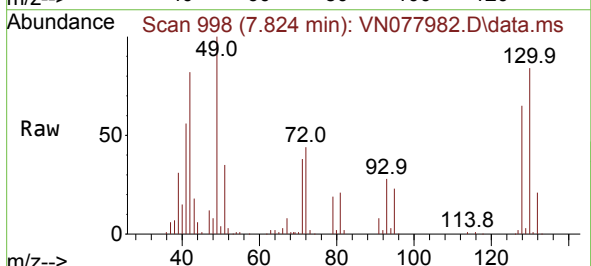
Tgt Ion: 49 Resp: 182559

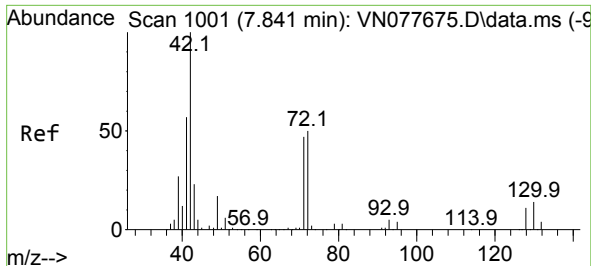
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 81.1 75.3 112.9

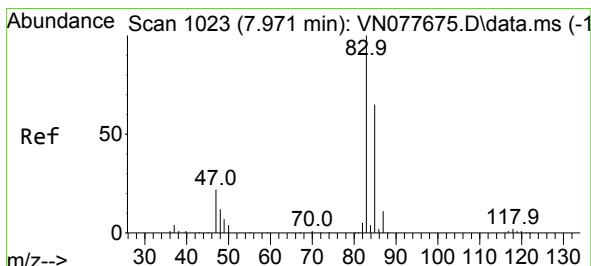
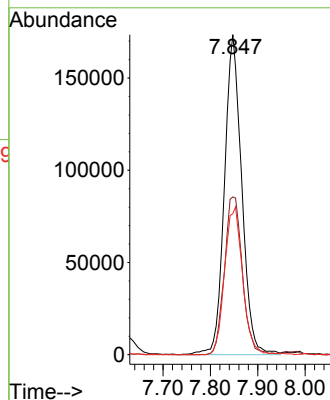
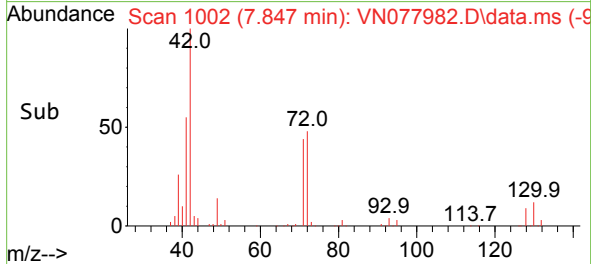
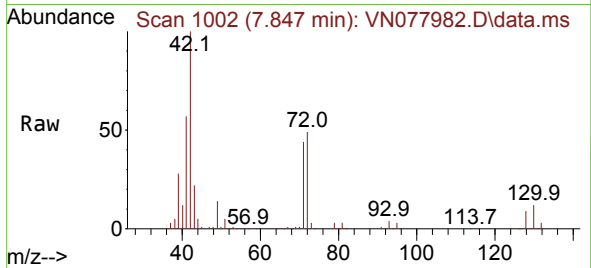




#29
Tetrahydrofuran
Concen: 254.809 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

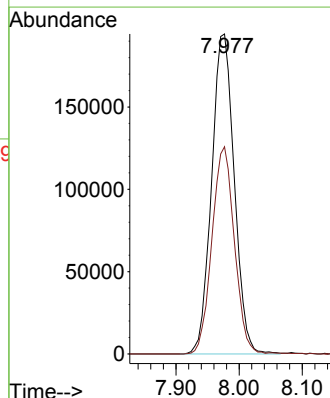
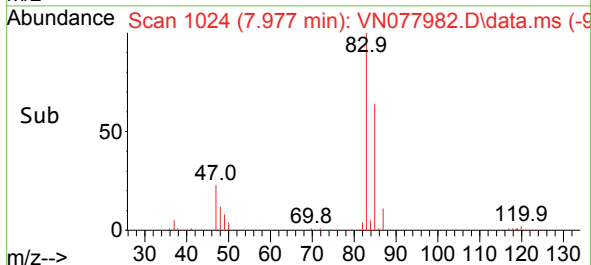
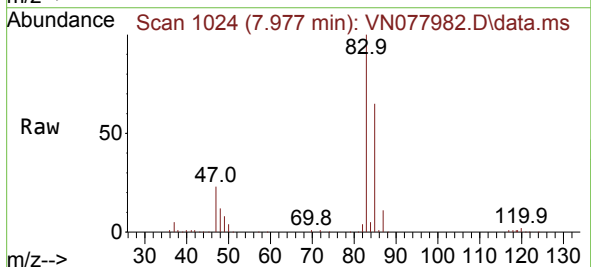
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

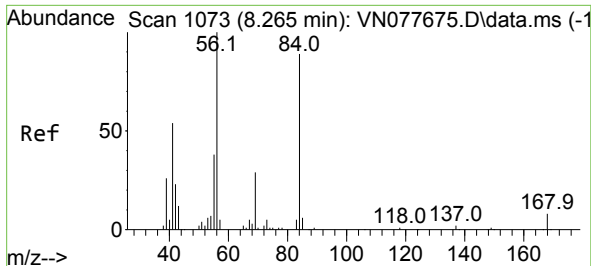
Tgt Ion: 42 Resp: 440871
Ion Ratio Lower Upper
42 100
72 51.2 49.8 74.6
71 47.9 47.4 71.2



#30
Chloroform
Concen: 55.345 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

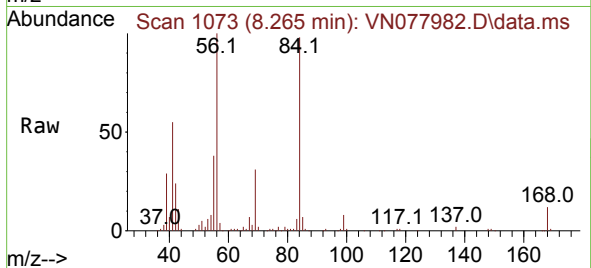
Tgt Ion: 83 Resp: 484720
Ion Ratio Lower Upper
83 100
85 64.8 55.4 83.0



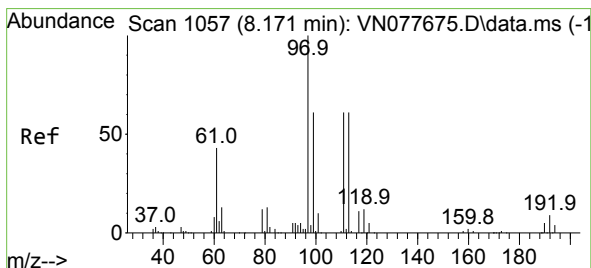
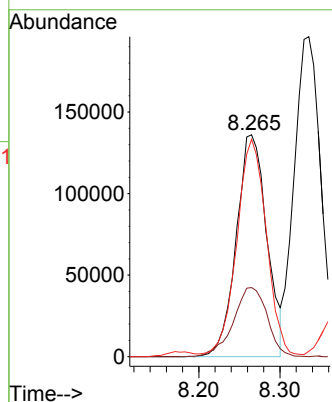
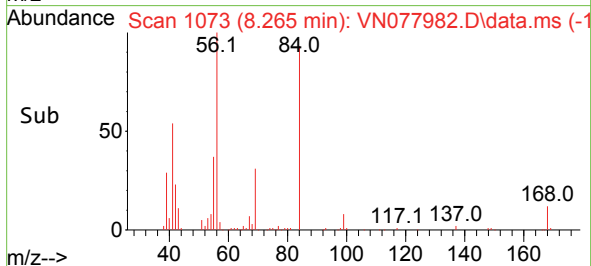


#31
Cyclohexane
Concen: 48.694 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

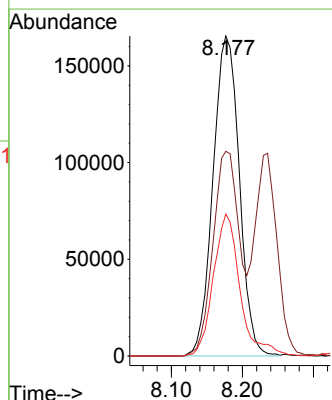
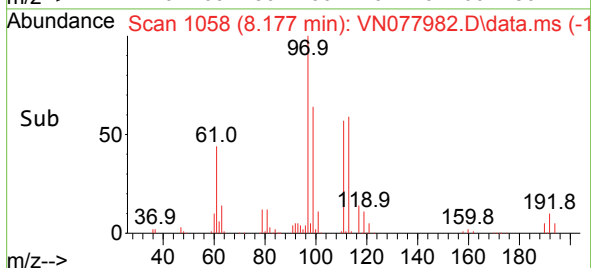
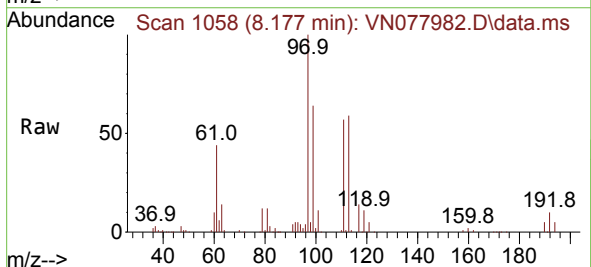


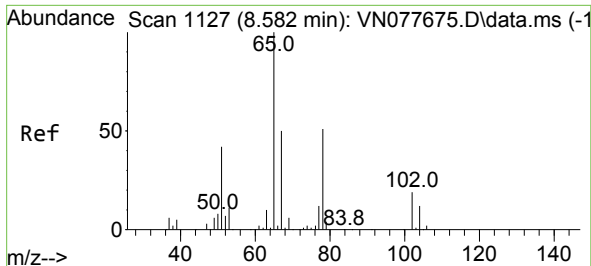
Tgt Ion: 56 Resp: 355329
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 95.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 57.050 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 97 Resp: 424798
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.080 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

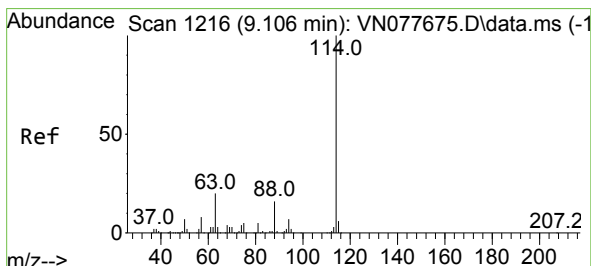
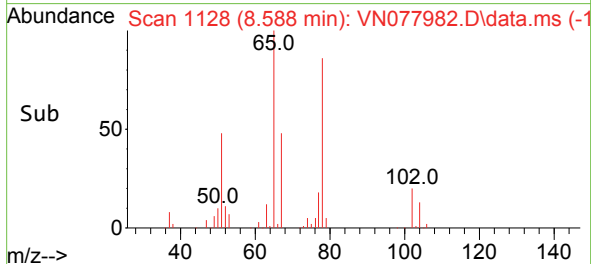
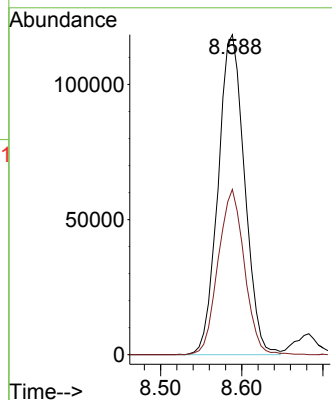
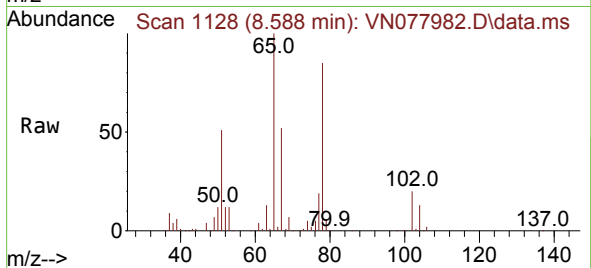
VSTDCCC050EC

Tgt Ion: 65 Resp: 268881

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

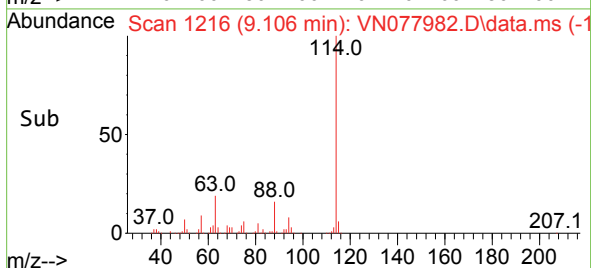
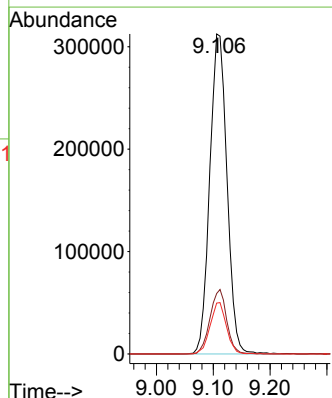
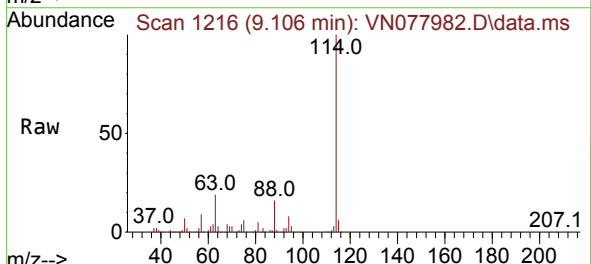
Tgt Ion: 114 Resp: 655875

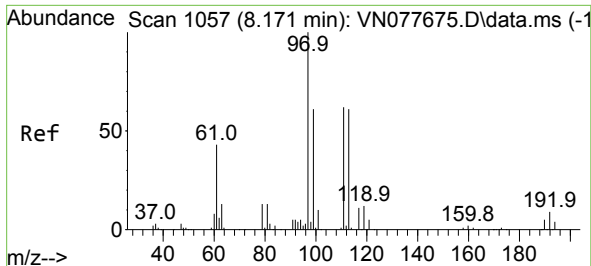
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.9 0.0 30.6

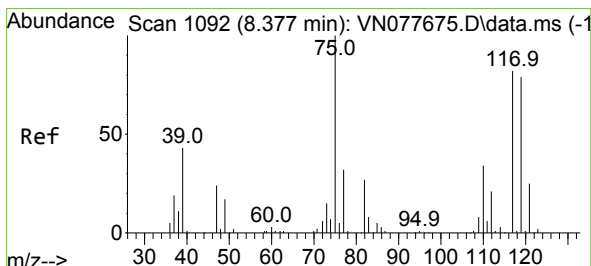
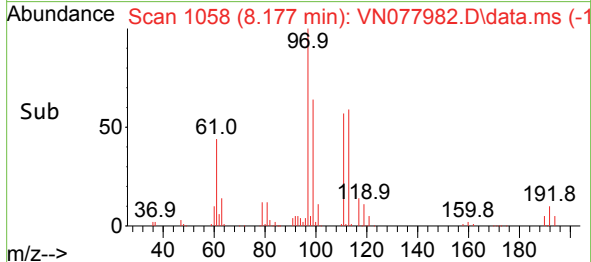
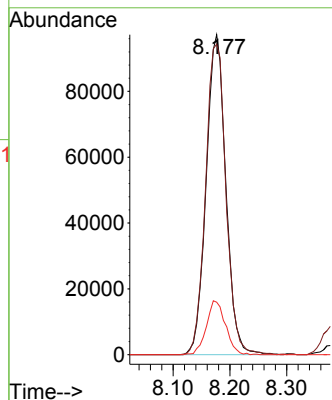
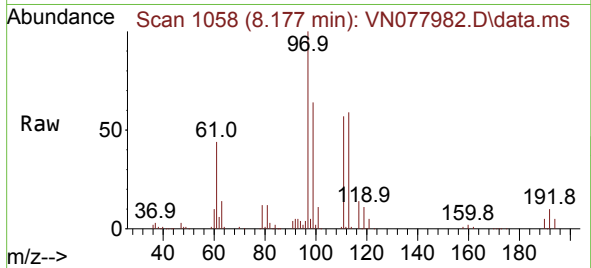




#35
Dibromofluoromethane
Concen: 54.538 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

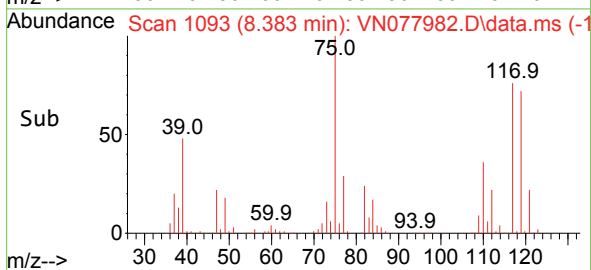
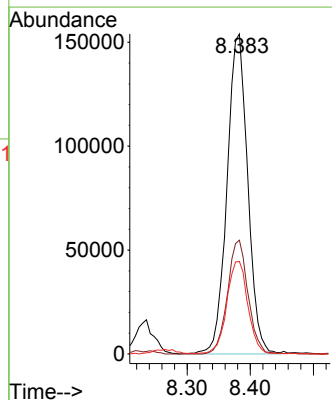
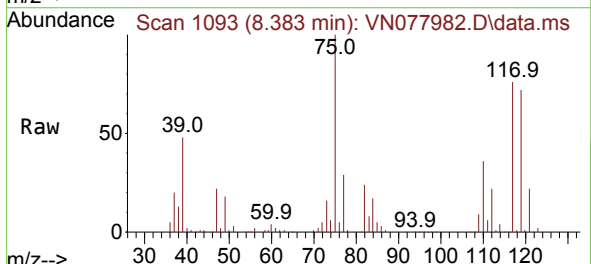
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

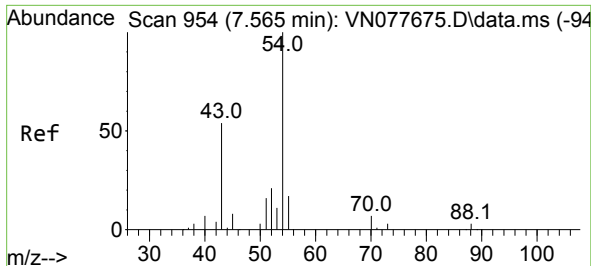
Tgt Ion:113 Resp: 233253
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 16.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 56.138 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 75 Resp: 351177
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 29.2 25.0 37.4

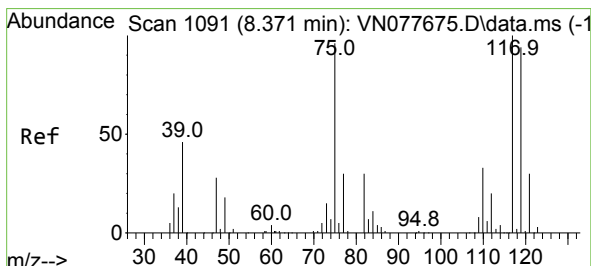
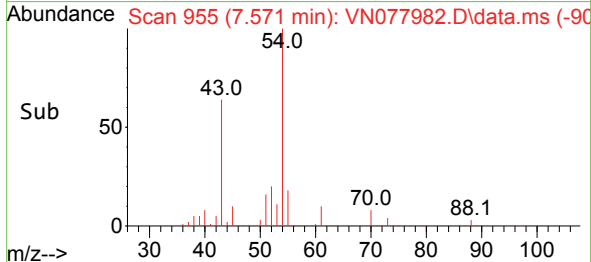
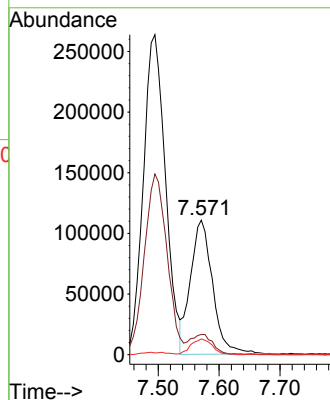
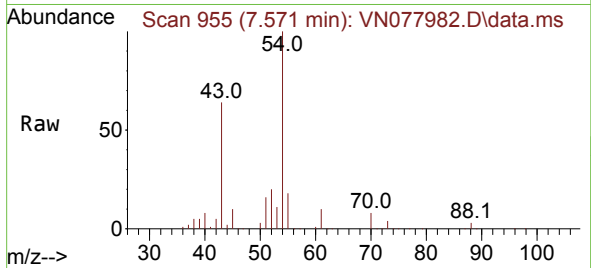




#37
Ethyl Acetate
Concen: 50.260 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

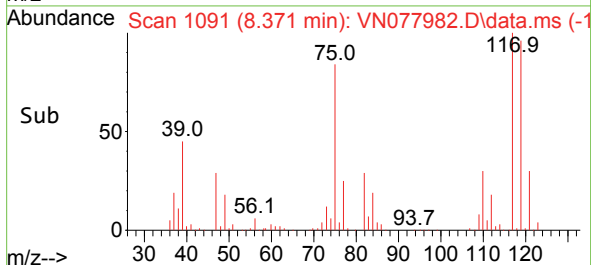
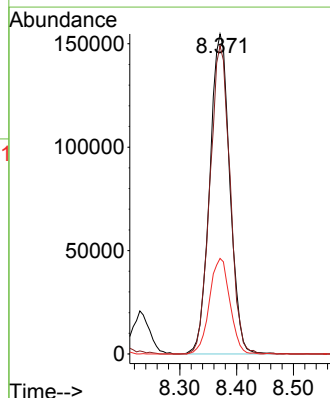
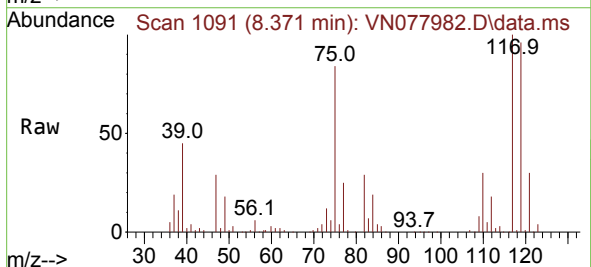
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

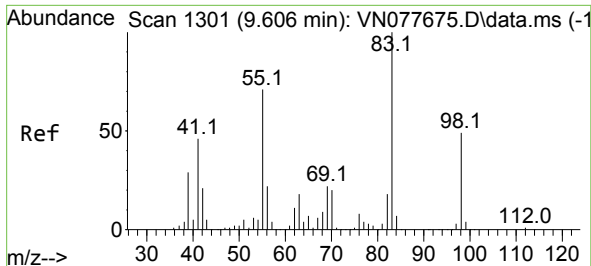
Tgt Ion: 43 Resp: 280234
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 11.3 11.3 16.9



#38
Carbon Tetrachloride
Concen: 60.043 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 117 Resp: 379283
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 49.389 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

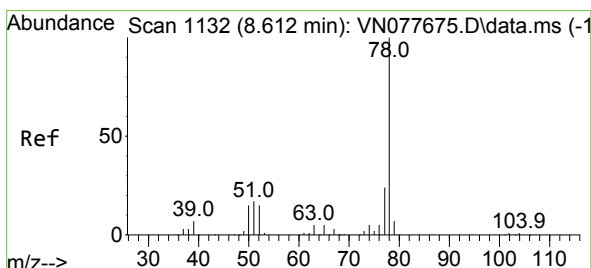
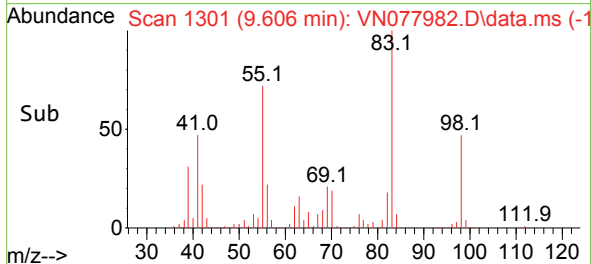
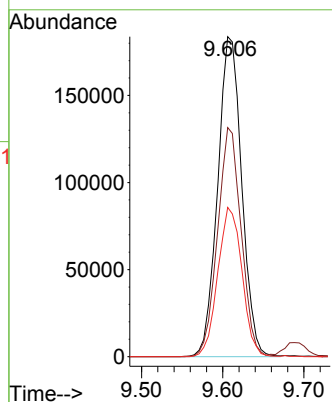
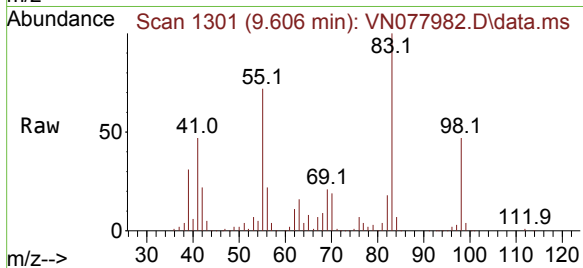
Tgt Ion: 83 Resp: 378241

Ion Ratio Lower Upper

83 100

55 71.6 49.1 73.7

98 46.6 40.6 61.0



#40

Benzene

Concen: 56.358 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077982.D

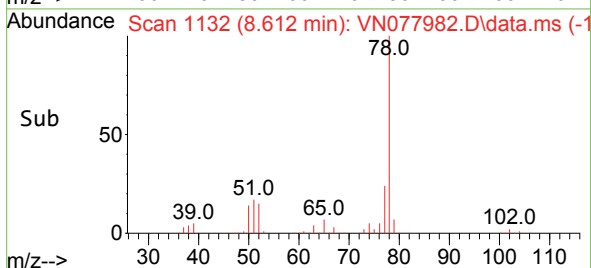
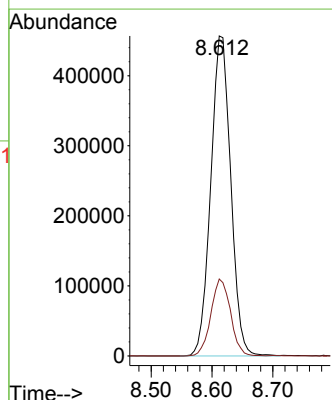
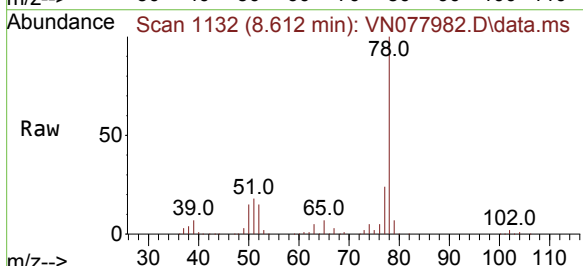
Acq: 30 May 2023 20:15

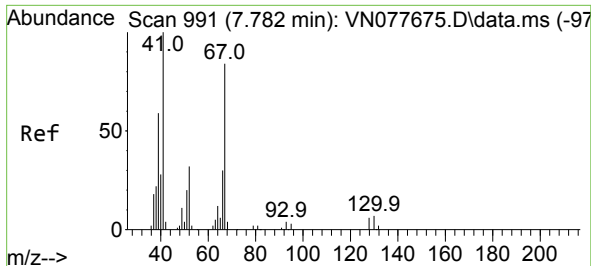
Tgt Ion: 78 Resp: 1040371

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

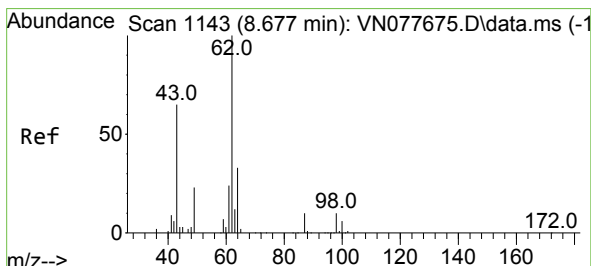
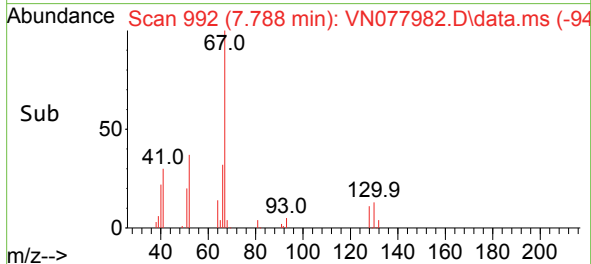
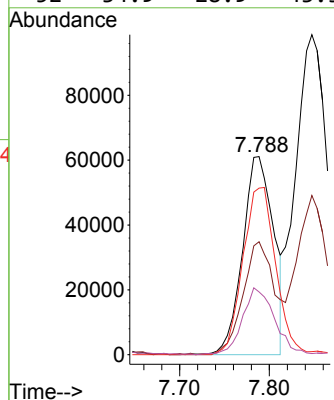
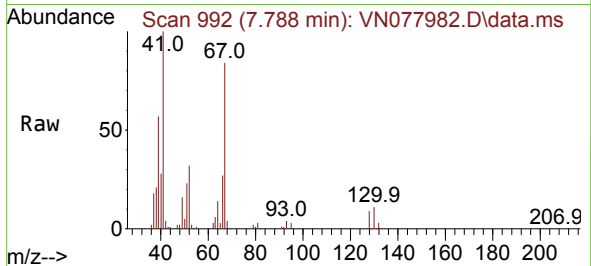




#41
Methacrylonitrile
Concen: 49.406 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

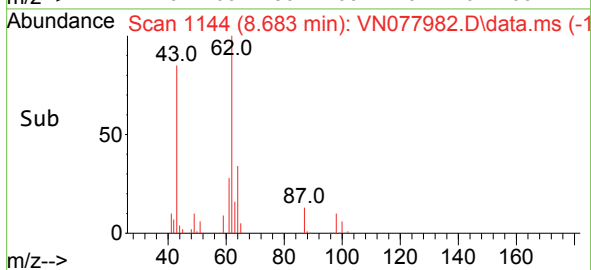
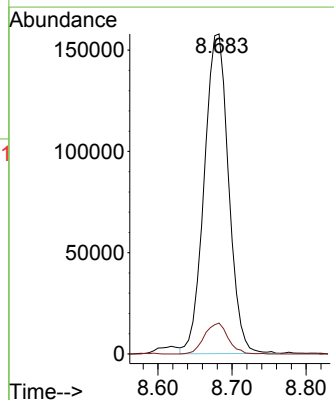
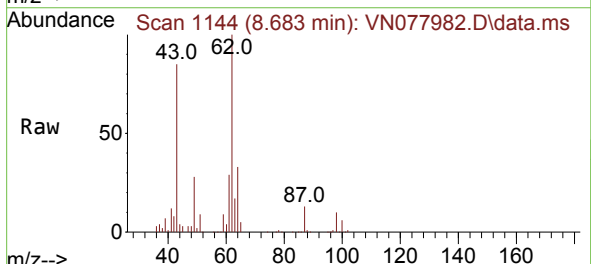
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

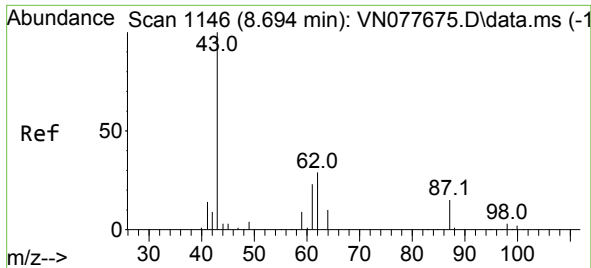
Tgt Ion:	41	Resp:	146705
Ion	Ratio	Lower	Upper
41	100		
39	60.0	42.6	64.0
67	89.9	77.5	116.3
52	34.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.690 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:	62	Resp:	360032
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

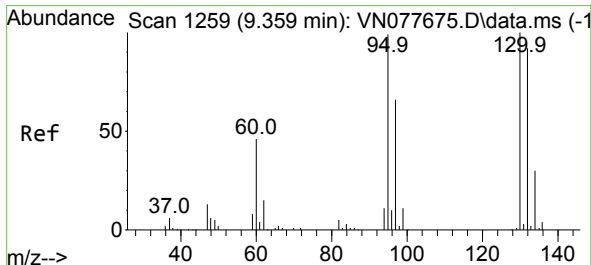
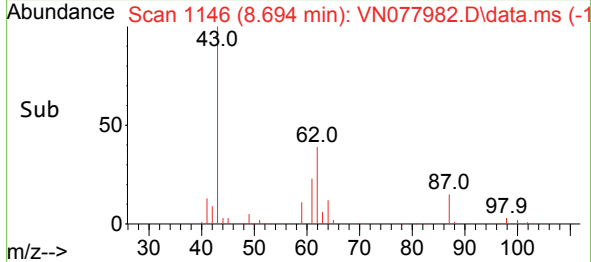
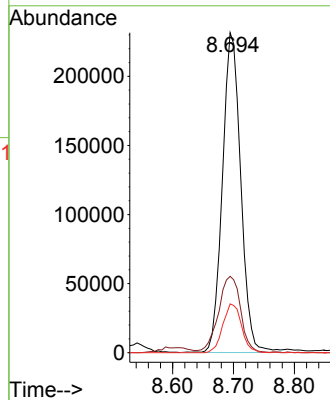
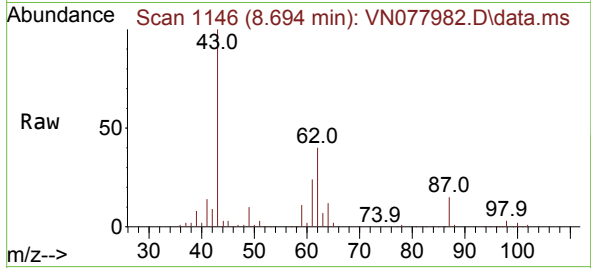




#43
Isopropyl Acetate
Concen: 53.207 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

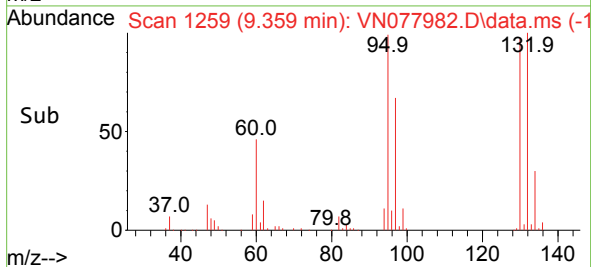
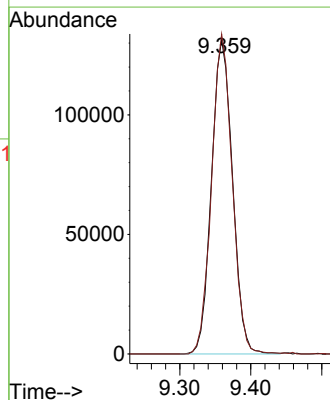
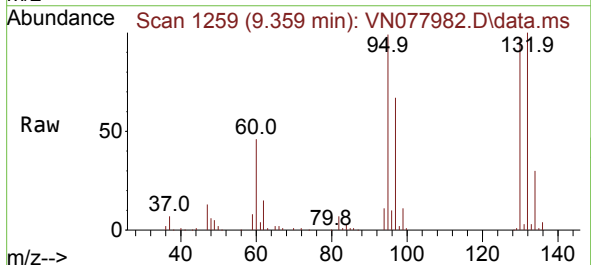
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

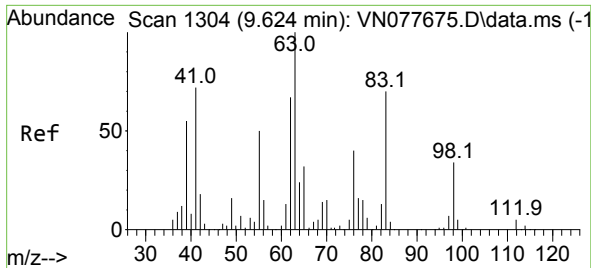
Tgt Ion: 43 Resp: 484571
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 15.5 14.6 21.8



#44
Trichloroethene
Concen: 57.787 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:130 Resp: 270112
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.6

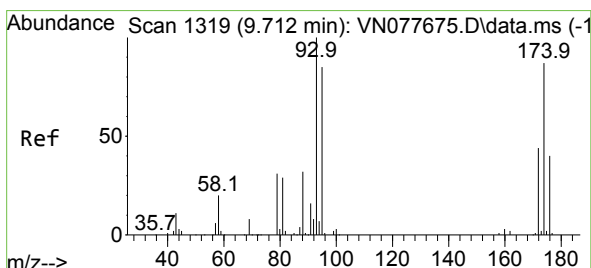
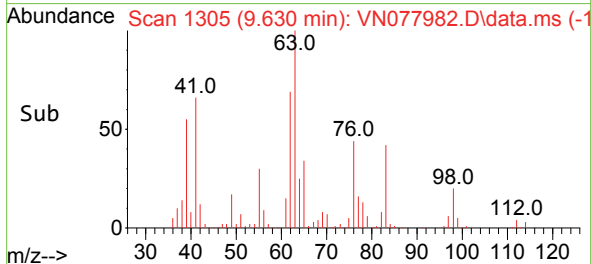
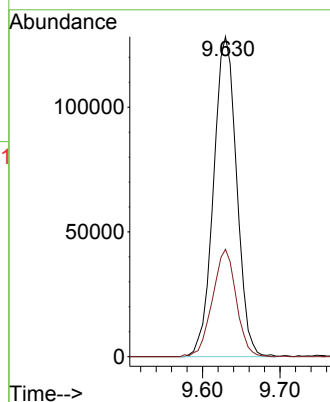
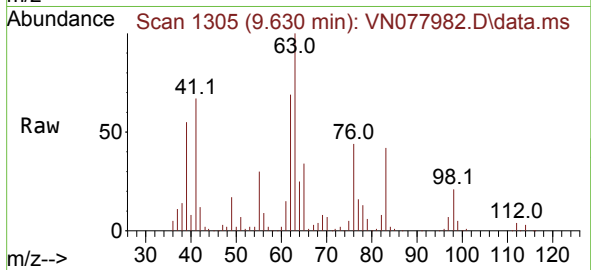




#45
1,2-Dichloropropane
Concen: 56.425 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

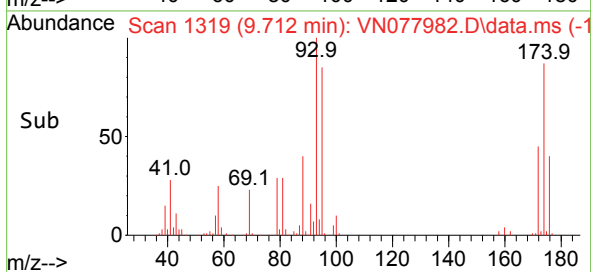
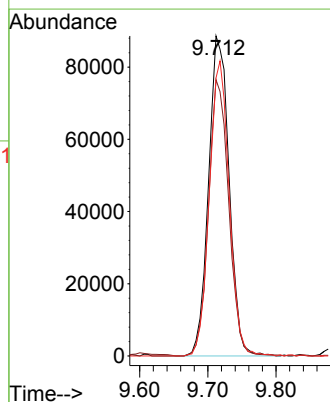
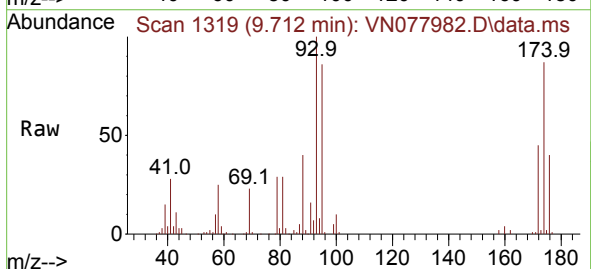
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

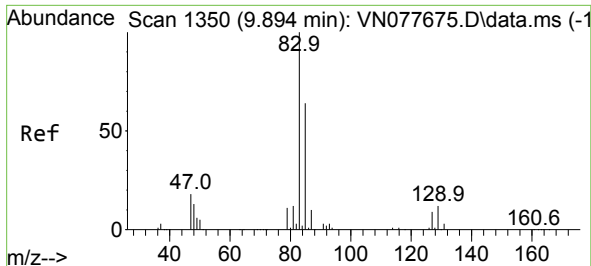
Tgt Ion: 63 Resp: 265684
Ion Ratio Lower Upper
63 100
65 33.5 23.9 35.9



#46
Dibromomethane
Concen: 55.218 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 93 Resp: 186050
Ion Ratio Lower Upper
93 100
95 84.6 63.8 95.8
174 89.5 65.6 98.4

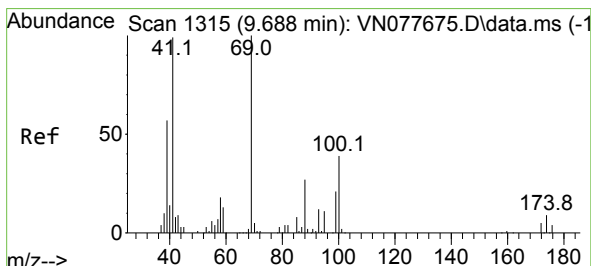
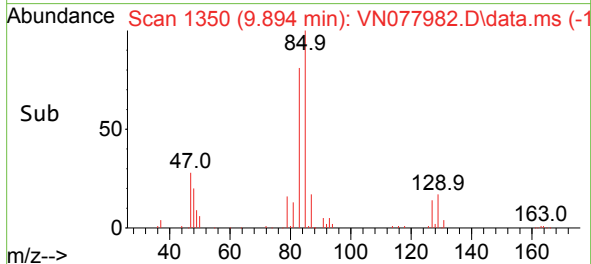
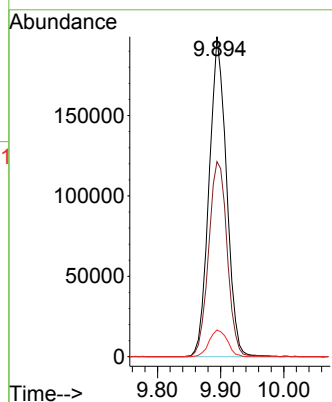
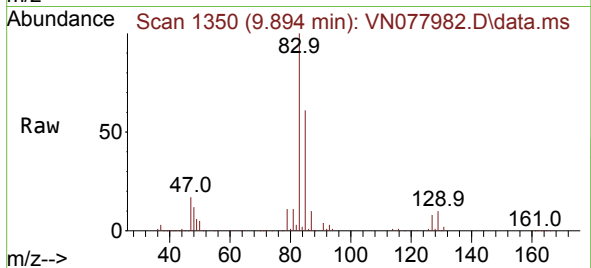




#47
Bromodichloromethane
Concen: 59.089 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

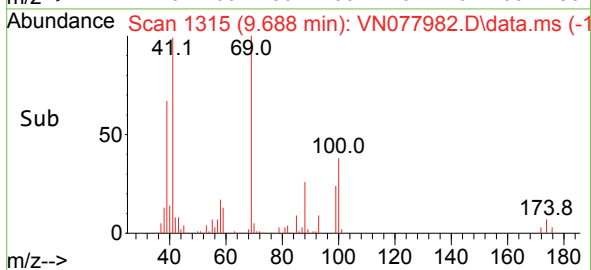
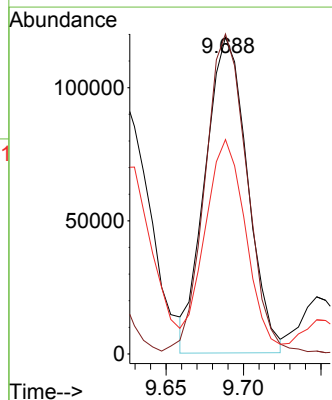
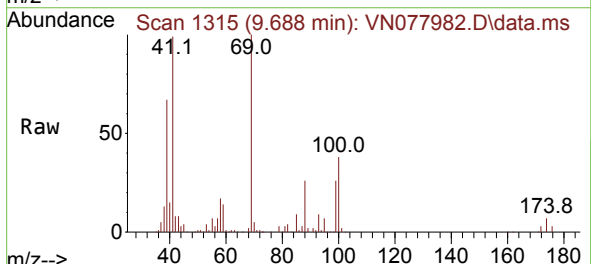
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

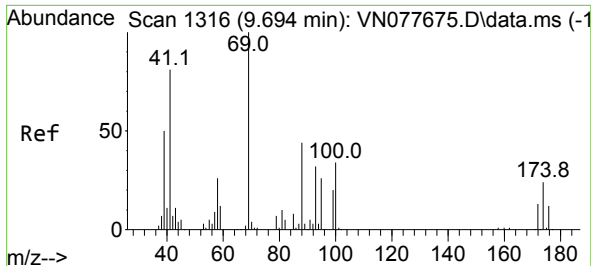
Tgt Ion: 83 Resp: 381164
Ion Ratio Lower Upper
83 100
85 61.0 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 51.976 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 41 Resp: 224429
Ion Ratio Lower Upper
41 100
69 101.9 90.4 135.6
39 66.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1171.059 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

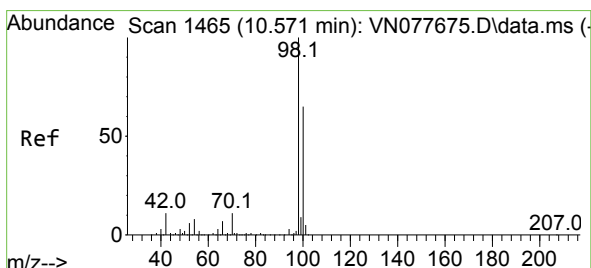
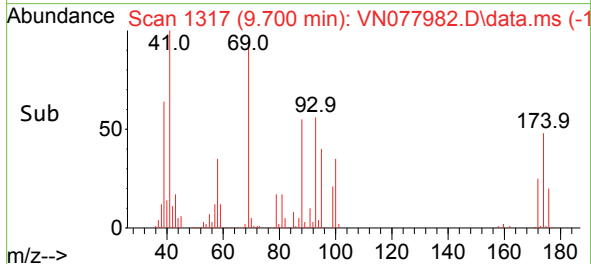
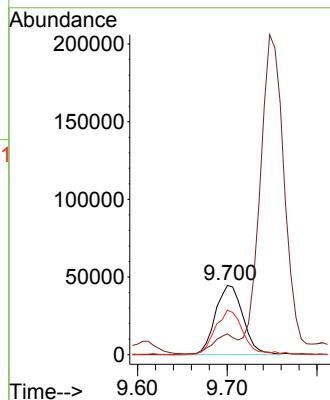
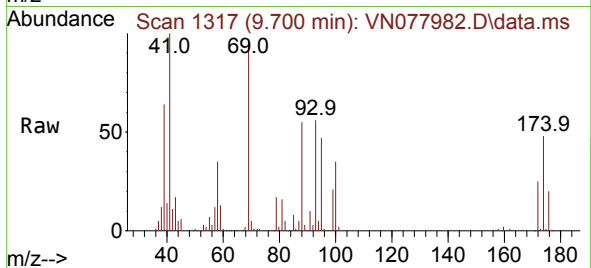
Tgt Ion: 88 Resp: 95505

Ion Ratio Lower Upper

88 100

43 23.7 17.0 25.6

58 65.5 47.0 70.4



#50

Toluene-d8

Concen: 51.477 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077982.D

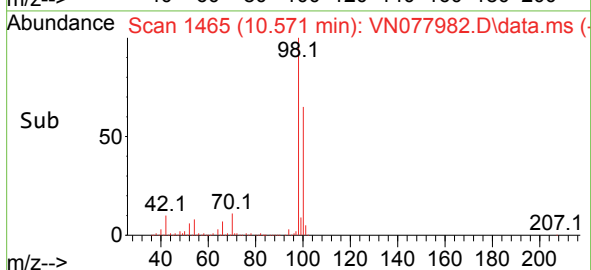
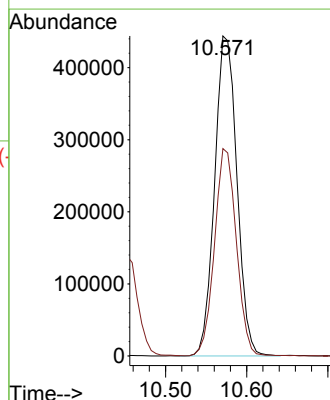
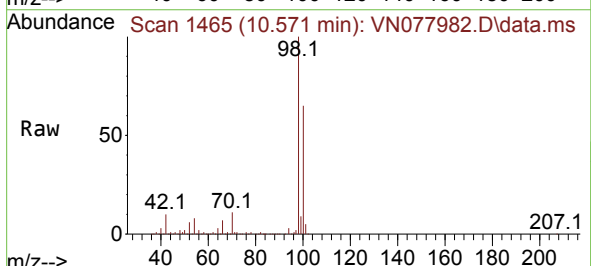
Acq: 30 May 2023 20:15

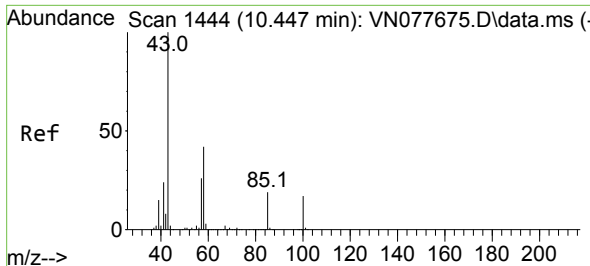
Tgt Ion: 98 Resp: 847420

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

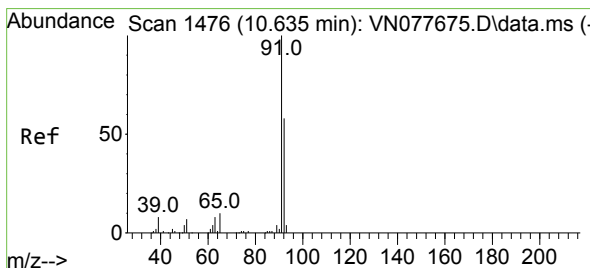
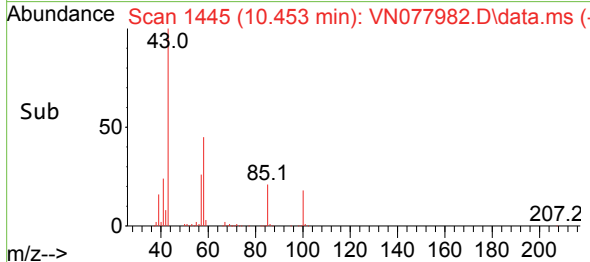
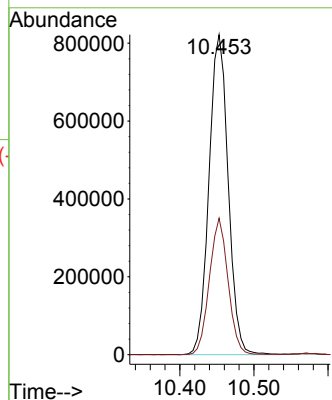
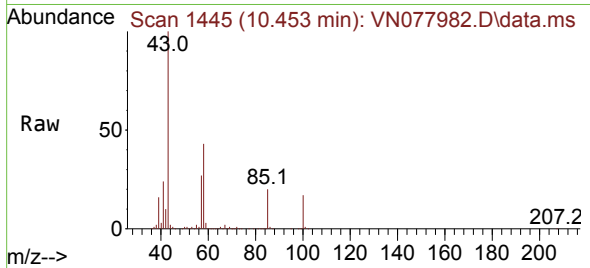




#51
4-Methyl-2-Pentanone
Concen: 273.308 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

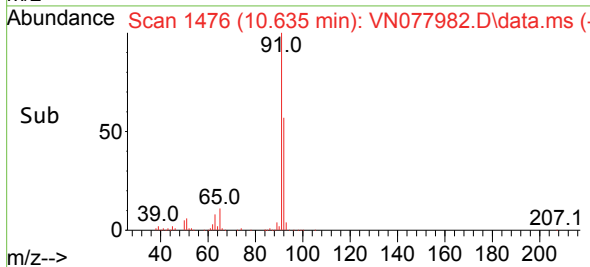
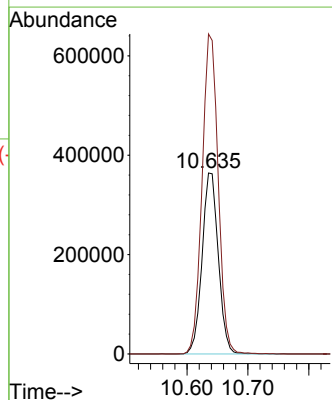
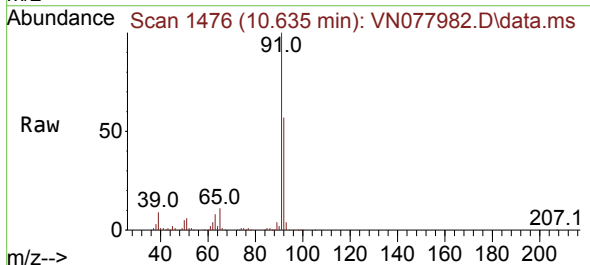
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

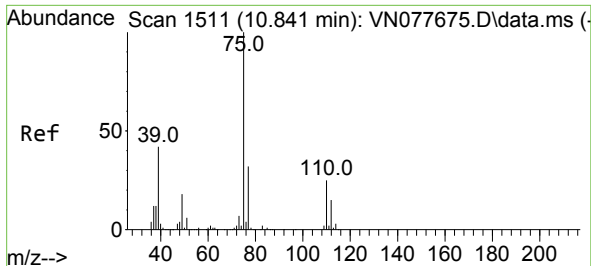
Tgt Ion: 43 Resp: 1479549
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8



#52
Toluene
Concen: 58.652 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 92 Resp: 674048
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0

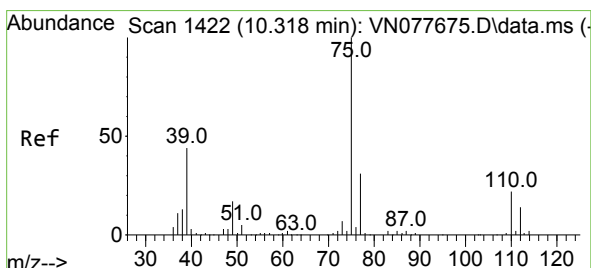
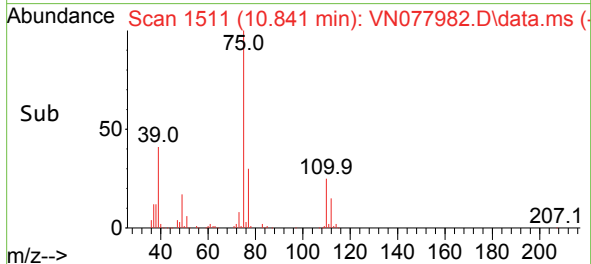
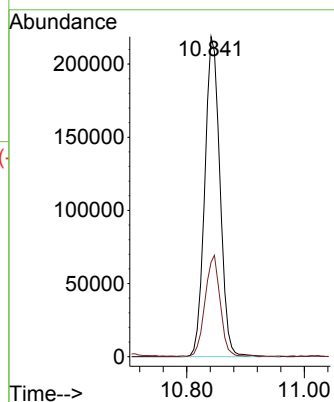
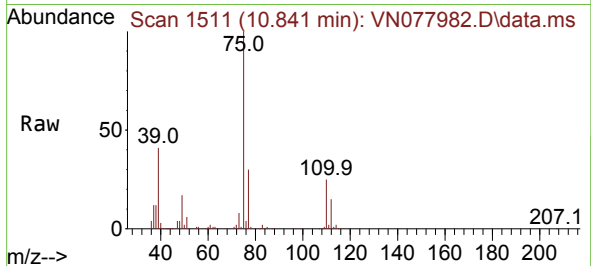




#53
t-1,3-Dichloropropene
Concen: 57.337 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

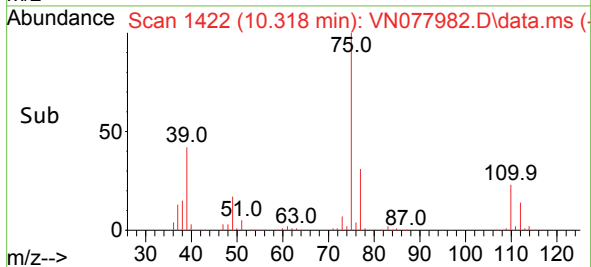
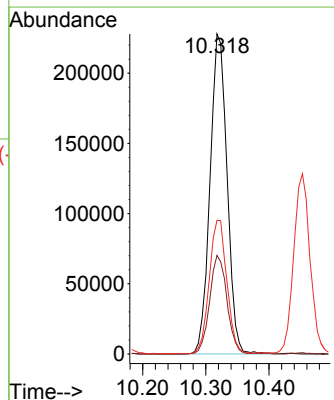
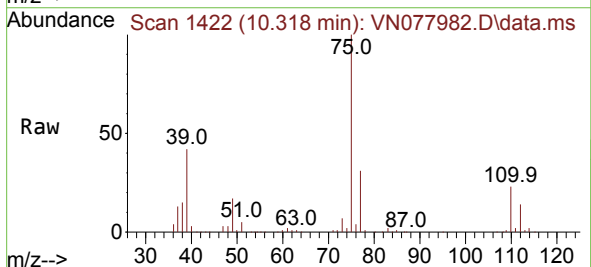
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

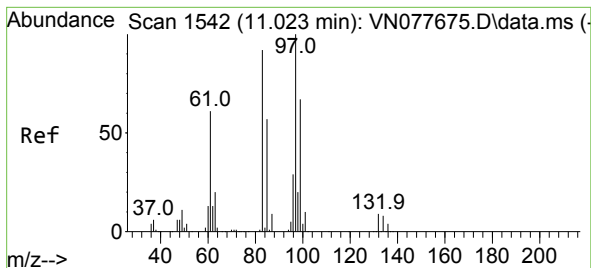
Tgt Ion: 75 Resp: 391674
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 56.870 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 75 Resp: 428106
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 41.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 57.970 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 264528

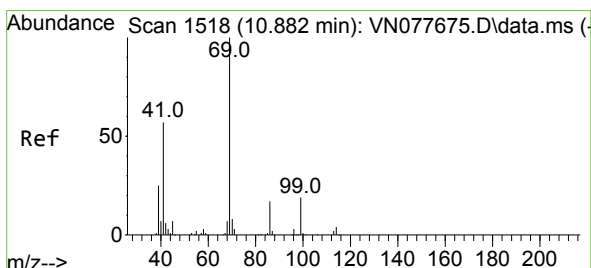
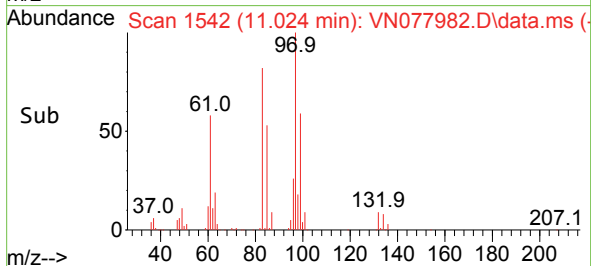
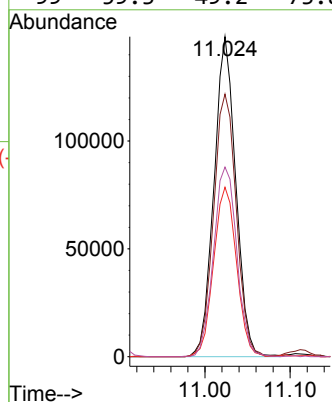
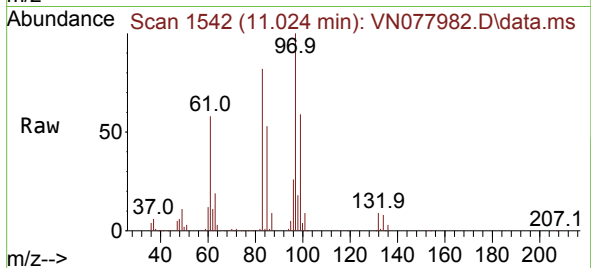
Ion Ratio Lower Upper

97 100

83 82.1 65.1 97.7

85 53.0 43.4 65.2

99 59.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.746 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

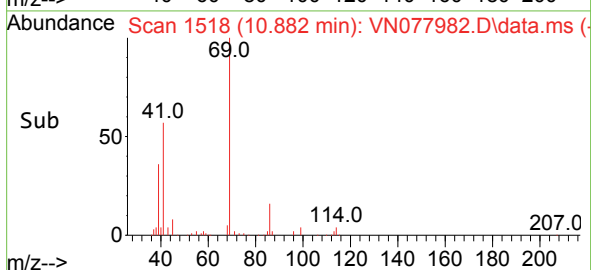
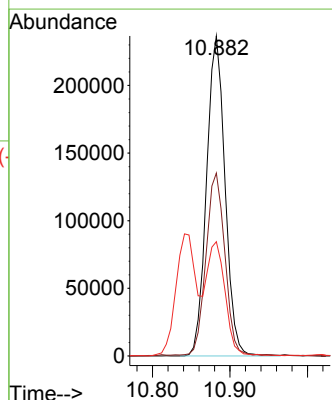
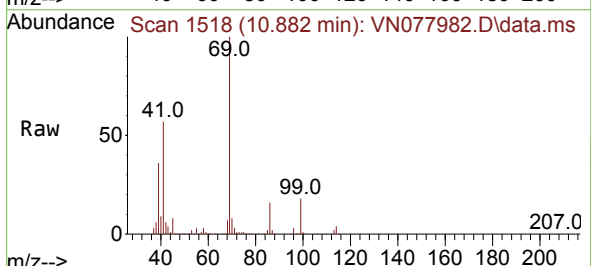
Tgt Ion: 69 Resp: 391519

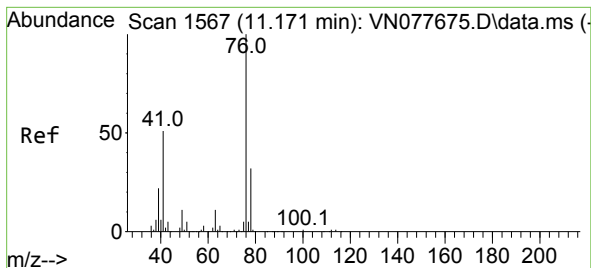
Ion Ratio Lower Upper

69 100

41 58.0 39.6 59.4

39 34.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.770 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

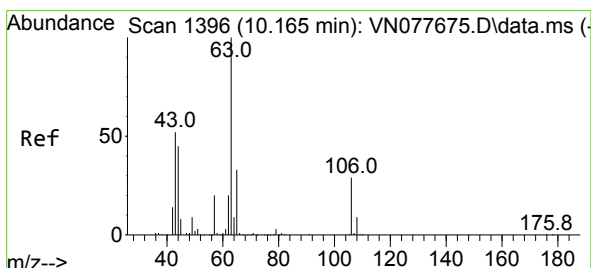
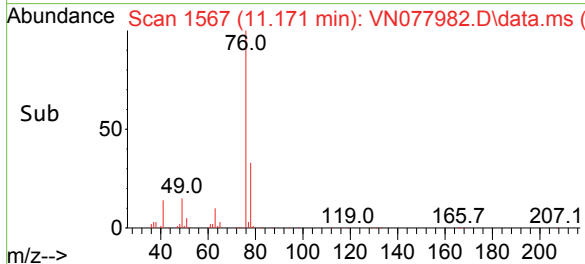
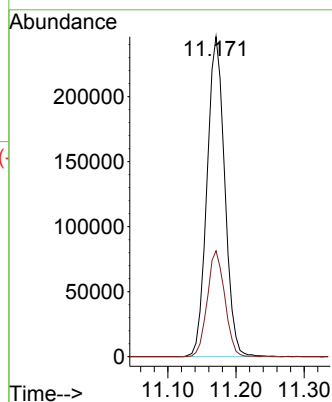
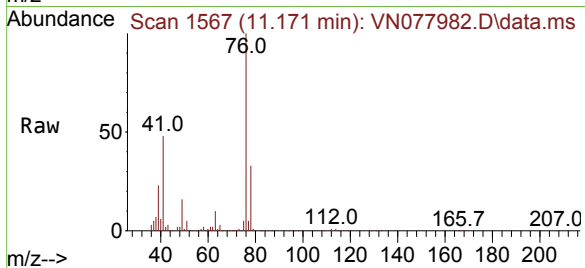
VSTDC050EC

Tgt Ion: 76 Resp: 444098

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 211.557 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077982.D

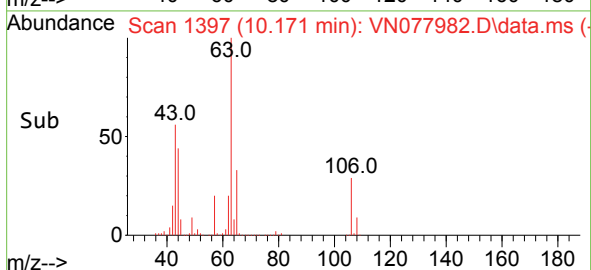
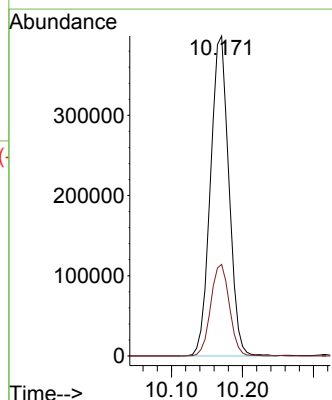
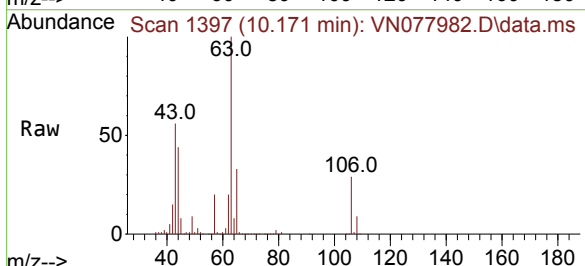
Acq: 30 May 2023 20:15

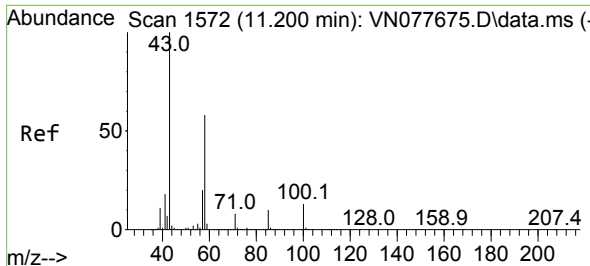
Tgt Ion: 63 Resp: 718080

Ion Ratio Lower Upper

63 100

106 29.0 26.2 39.4

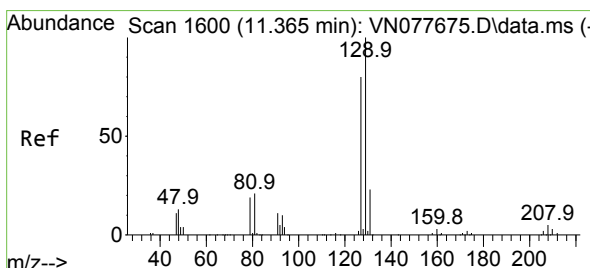
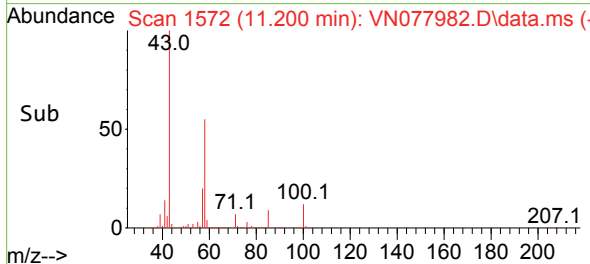
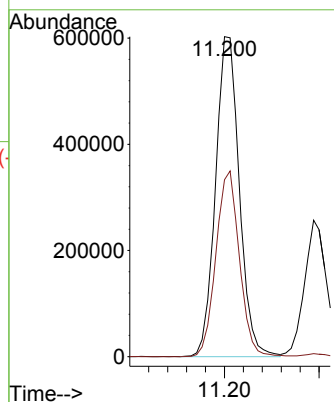
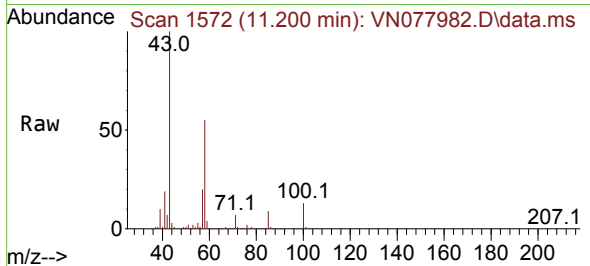




#59
2-Hexanone
Concen: 263.008 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

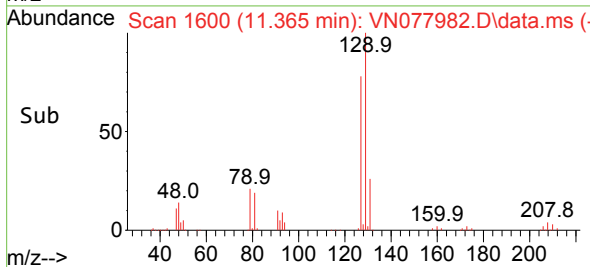
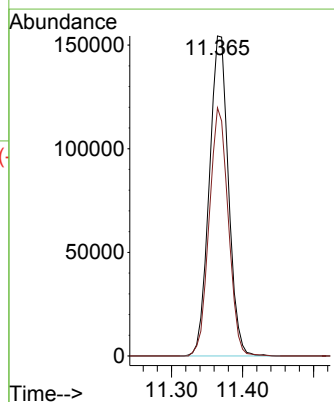
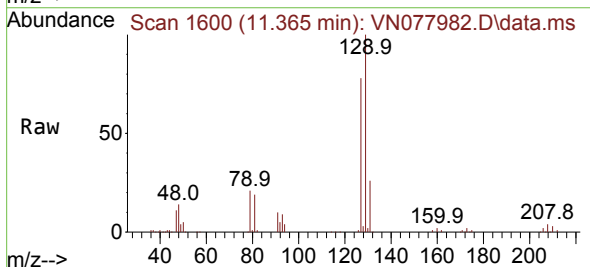
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

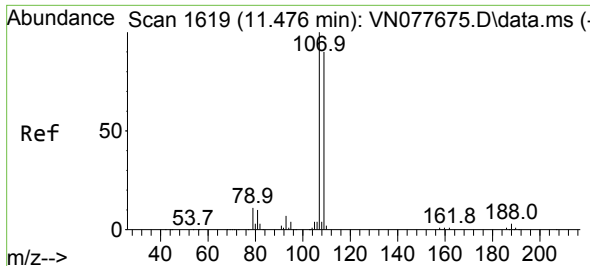
Tgt Ion: 43 Resp: 1053120
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1



#60
Dibromochloromethane
Concen: 61.454 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:129 Resp: 289496
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

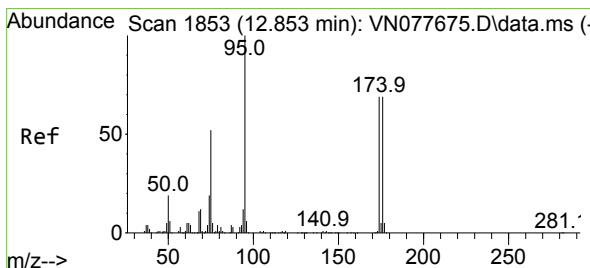
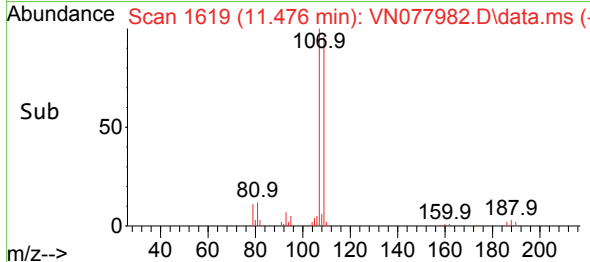
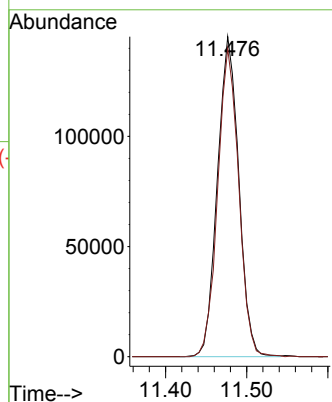
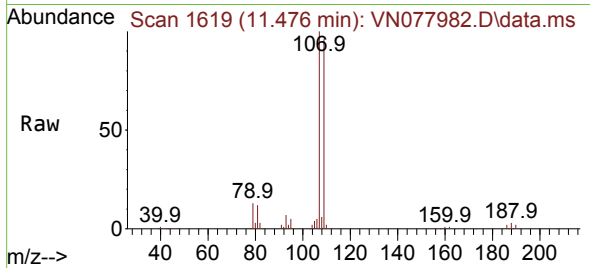




#61
1,2-Dibromoethane
Concen: 58.304 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

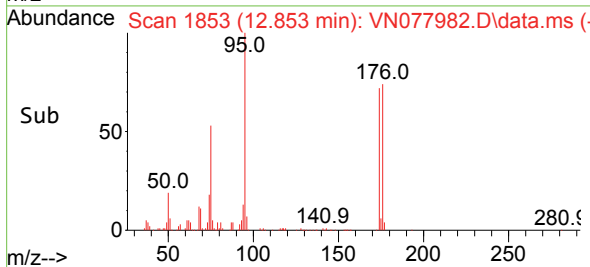
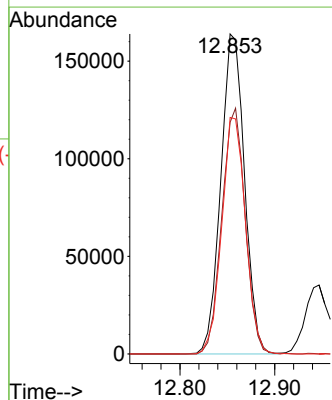
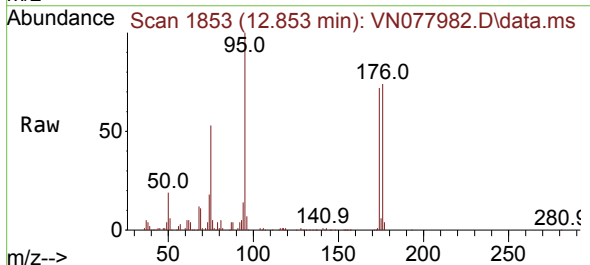
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

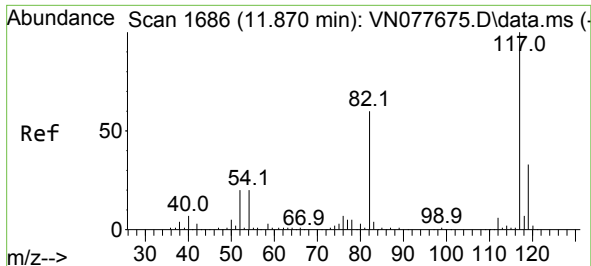
Tgt Ion:107 Resp: 265418
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.161 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 95 Resp: 285828
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 74.0 0.0 135.8

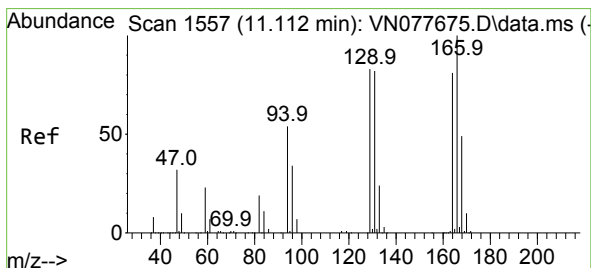
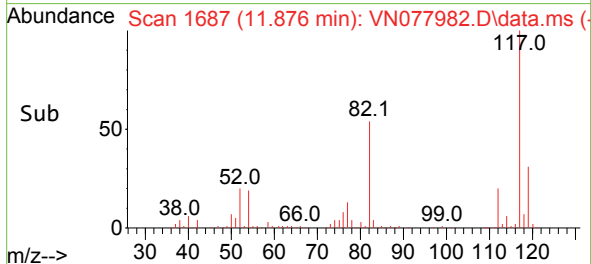
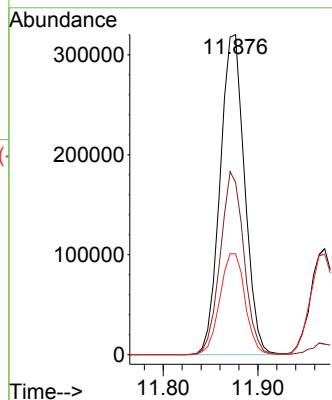
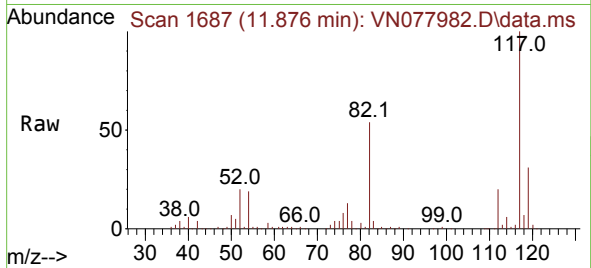




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

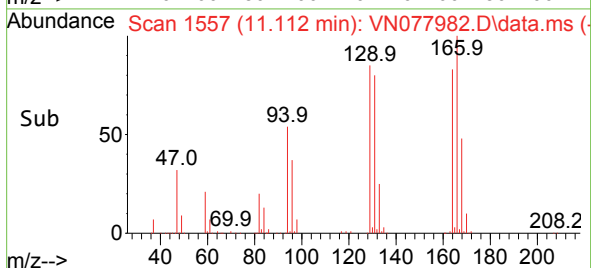
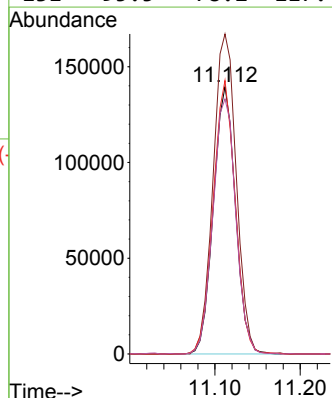
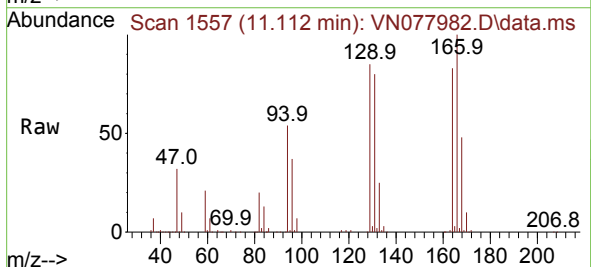
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

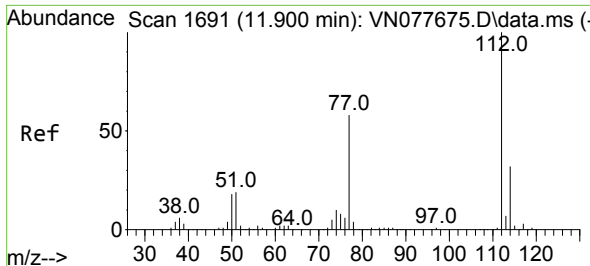
Tgt Ion:117 Resp: 576259
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 62.225 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:164 Resp: 250761
Ion Ratio Lower Upper
164 100
166 119.8 101.4 152.0
129 102.3 82.4 123.6
131 95.5 78.2 117.4

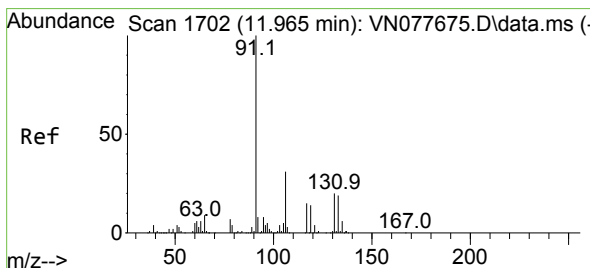
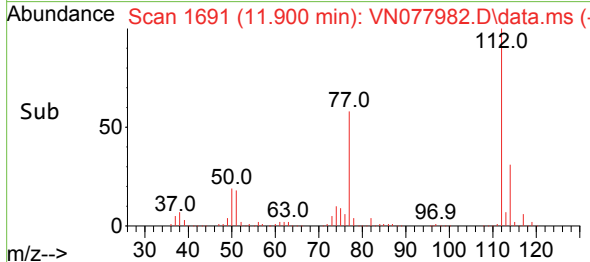
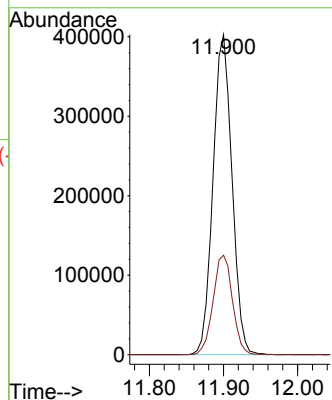
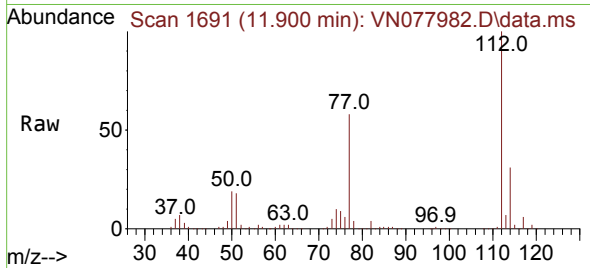




#65
Chlorobenzene
Concen: 57.287 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

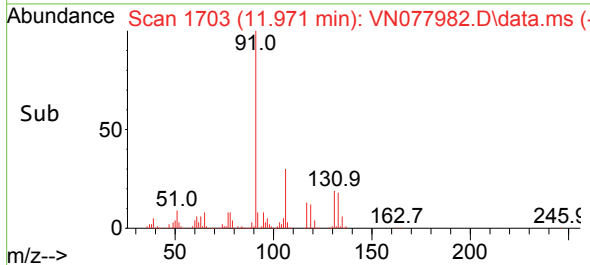
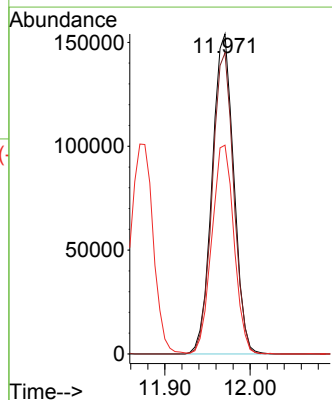
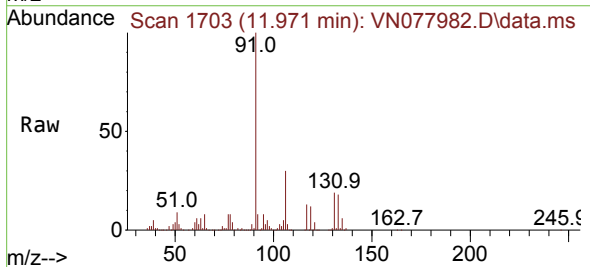
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

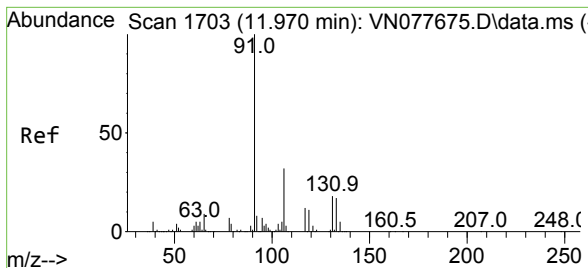
Tgt Ion:112 Resp: 715667
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 62.877 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:131 Resp: 271793
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 57.995 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

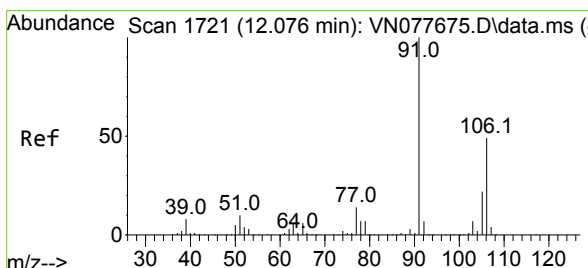
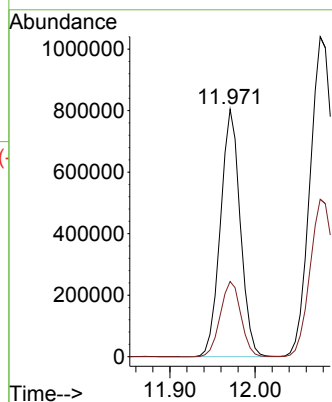
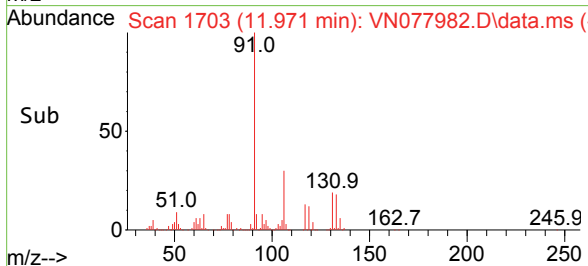
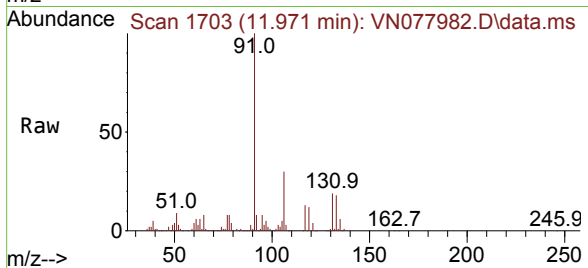
VSTDCCC050EC

Tgt Ion: 91 Resp: 1298359

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 117.692 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN077982.D

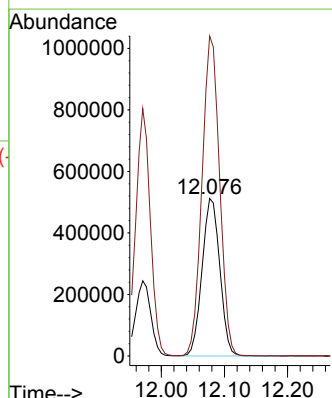
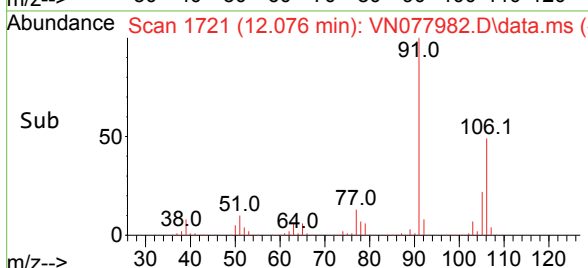
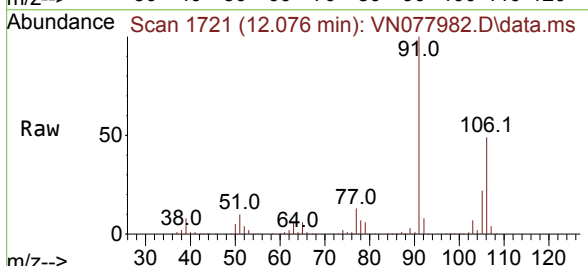
Acq: 30 May 2023 20:15

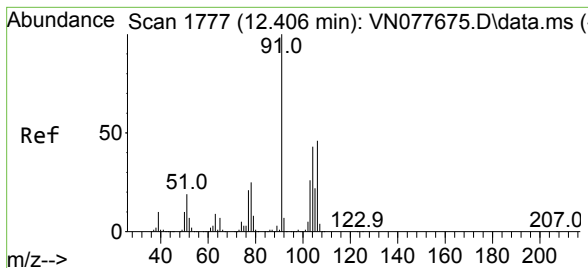
Tgt Ion:106 Resp: 998357

Ion Ratio Lower Upper

106 100

91 201.5 159.6 239.4

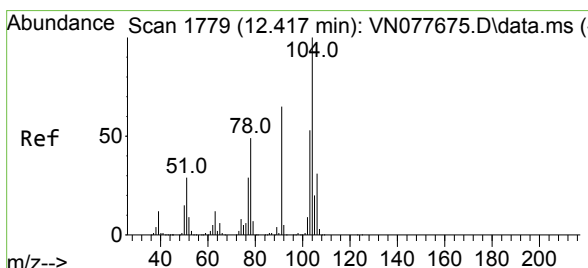
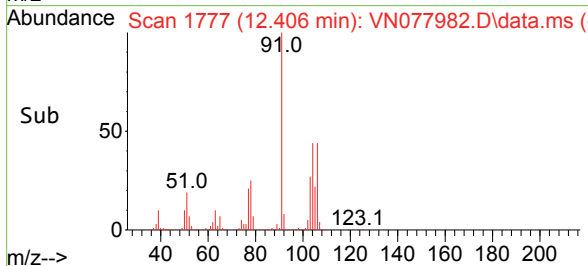
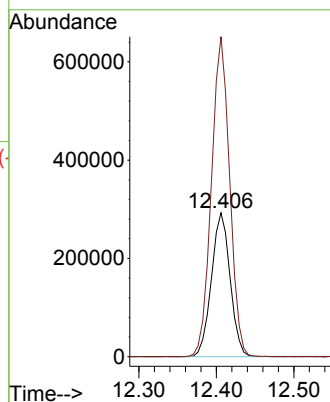
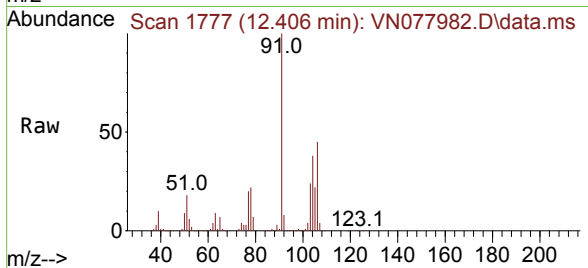




#69
o-Xylene
Concen: 58.581 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

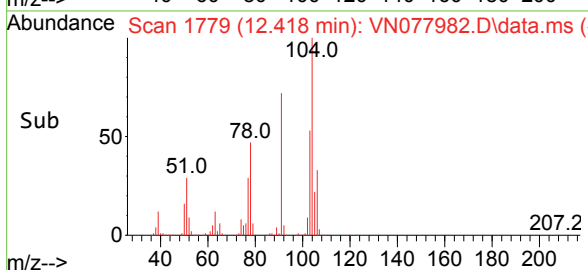
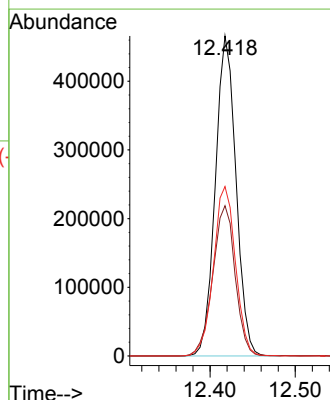
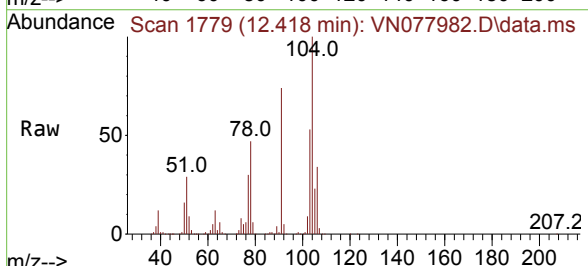
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

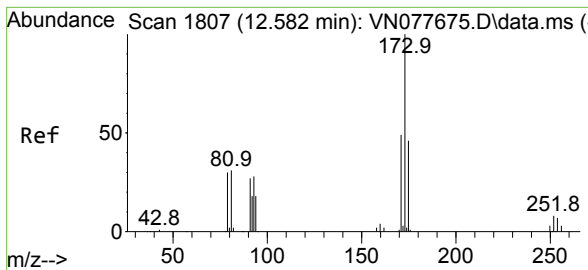
Tgt Ion:106 Resp: 488706
Ion Ratio Lower Upper
106 100
91 217.9 105.2 315.5



#70
Styrene
Concen: 59.236 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:104 Resp: 785027
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 56.5 43.2 64.8

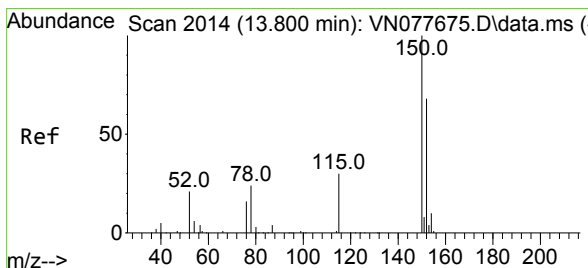
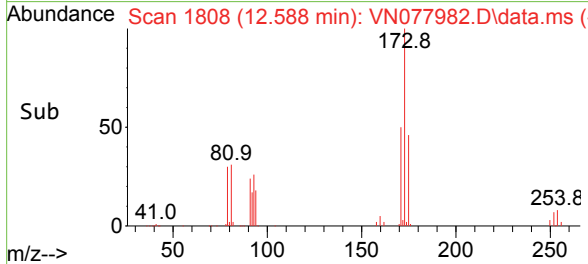
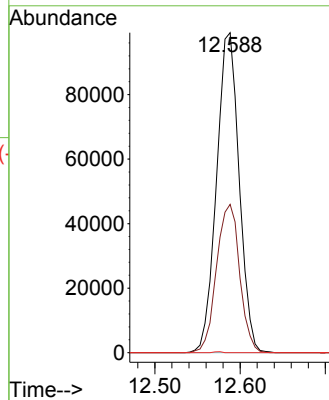
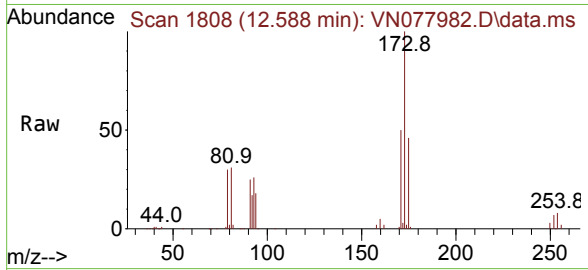




#71
Bromoform
Concen: 63.615 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

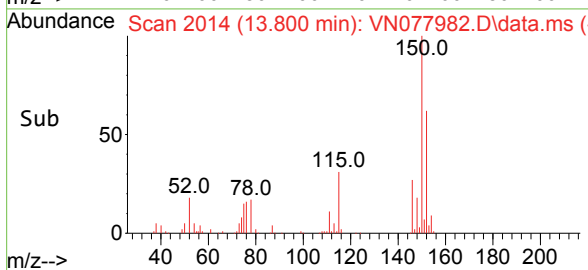
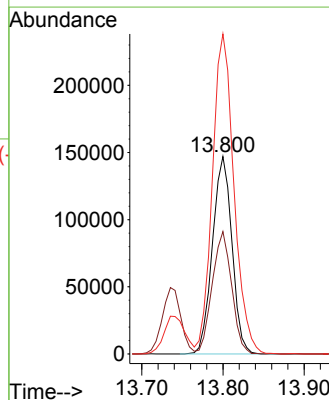
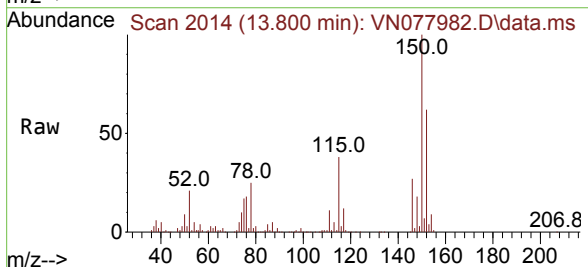
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

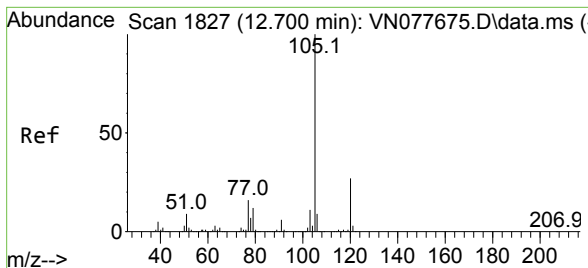
Tgt Ion:173 Resp: 182926
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:152 Resp: 245496
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 179.1 0.0 355.8





#73

Isopropylbenzene

Concen: 59.455 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

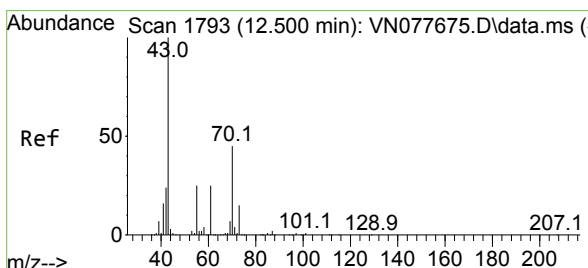
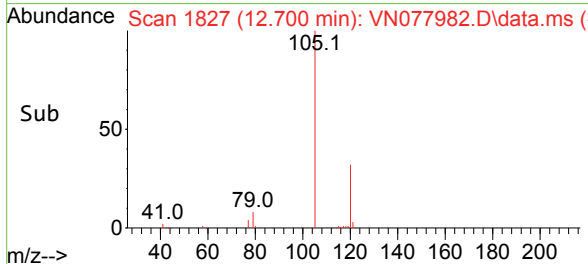
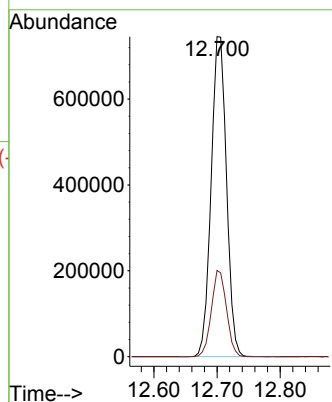
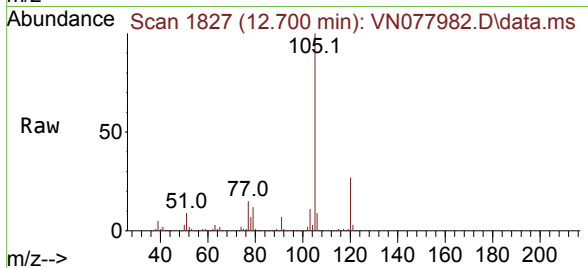
VSTDCCC050EC

Tgt Ion:105 Resp: 1258165

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#74

N-ethyl acetate

Concen: 51.291 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Tgt Ion: 43 Resp: 401201

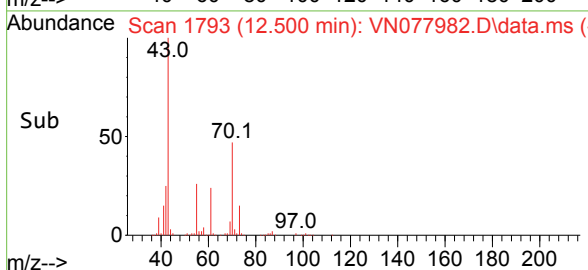
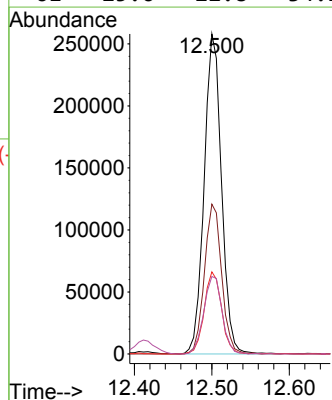
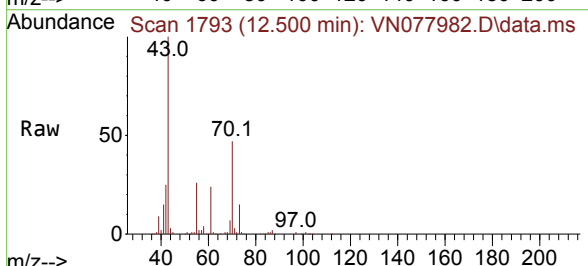
Ion Ratio Lower Upper

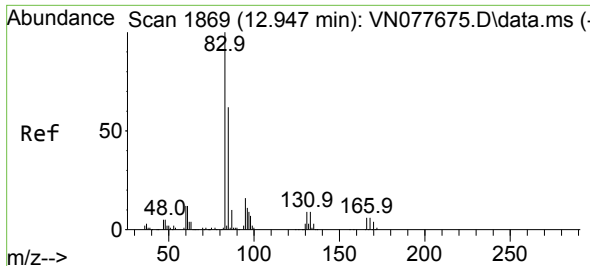
43 100

70 46.5 43.4 65.2

55 25.8 21.4 32.0

61 25.6 22.8 34.2

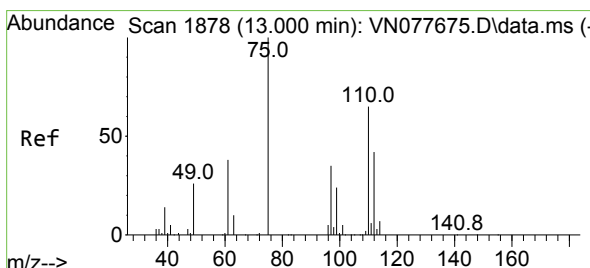
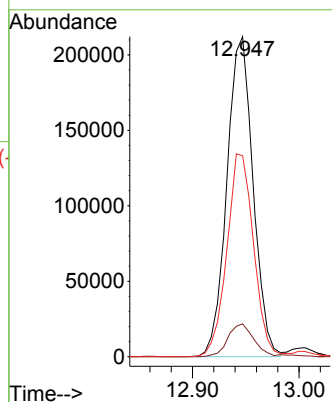
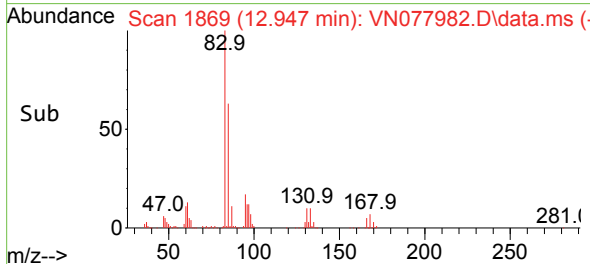
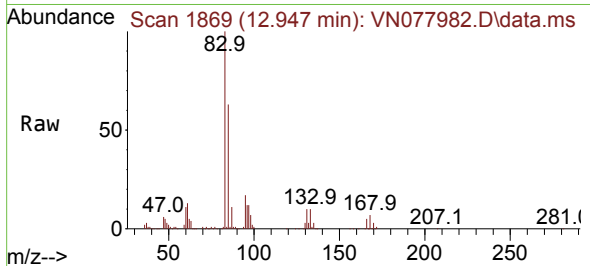




#75
1,1,2,2-Tetrachloroethane
Concen: 55.758 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

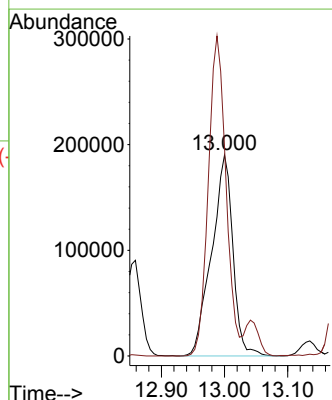
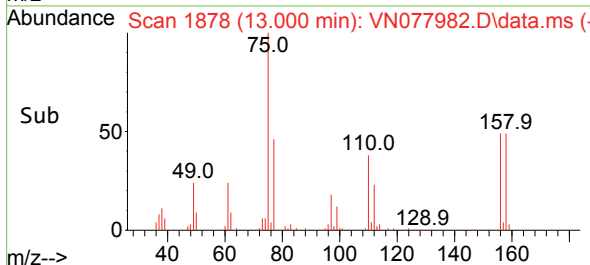
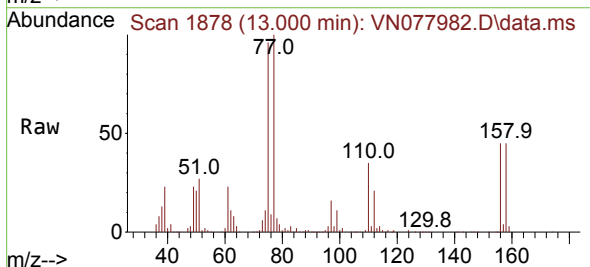
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

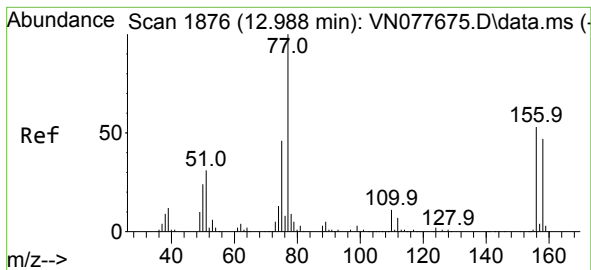
Tgt Ion: 83 Resp: 362996
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 72.256 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 75 Resp: 444235
Ion Ratio Lower Upper
75 100
77 132.3 84.5 253.5





#77

Bromobenzene

Concen: 57.872 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

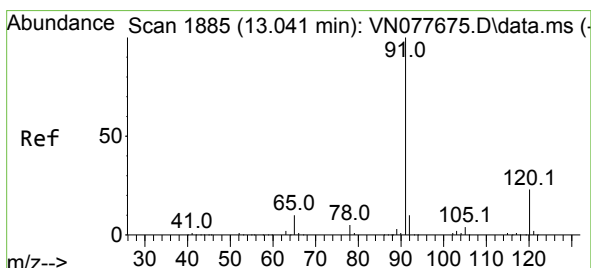
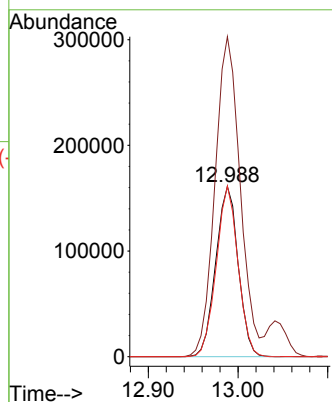
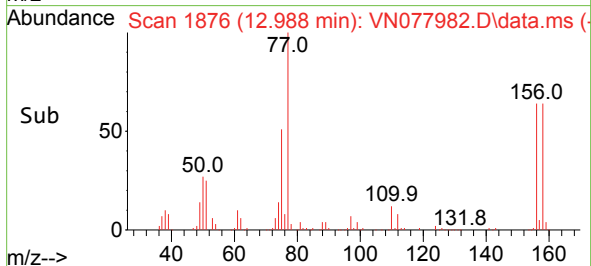
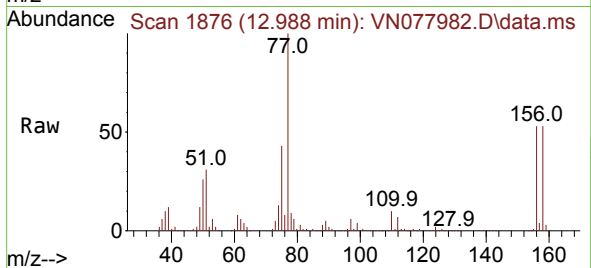
Tgt Ion:156 Resp: 279481

Ion Ratio Lower Upper

156 100

77 210.3 107.7 323.3

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 57.958 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN077982.D

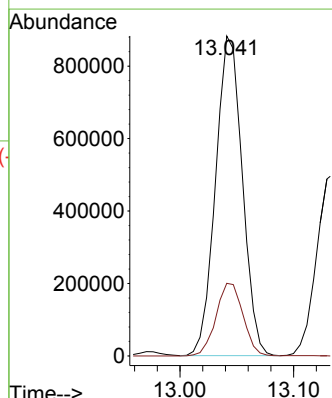
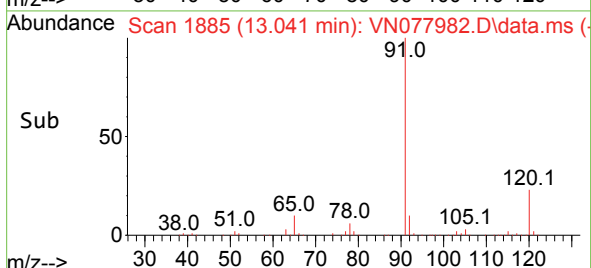
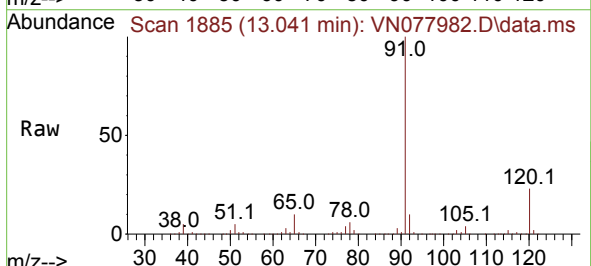
Acq: 30 May 2023 20:15

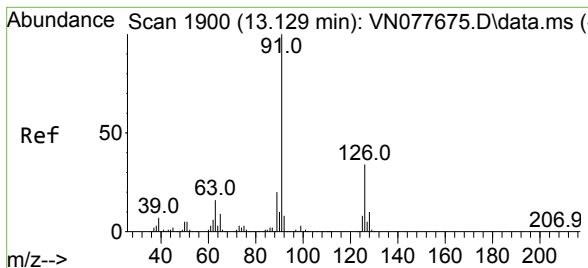
Tgt Ion: 91 Resp: 1445953

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 58.285 ug/l

RT: 13.135 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

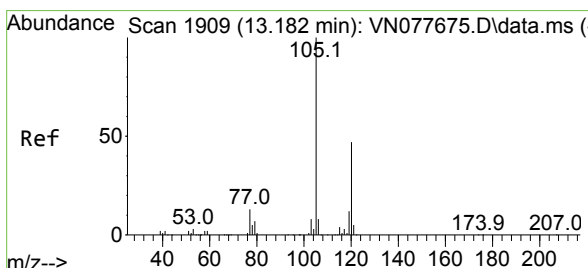
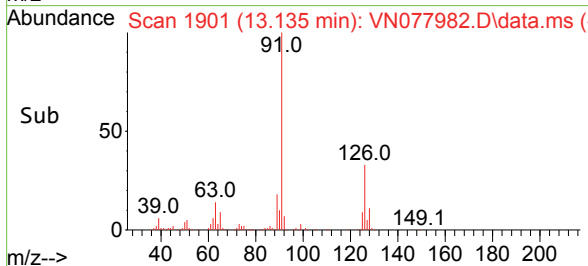
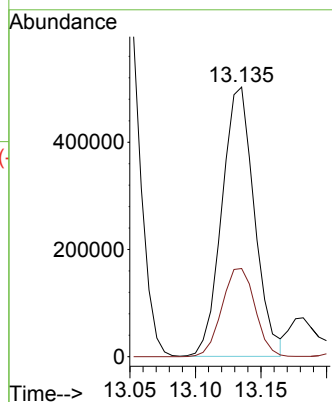
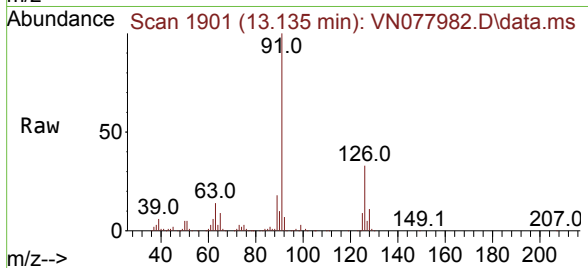
VSTDCCC050EC

Tgt Ion: 91 Resp: 867697

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 58.966 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077982.D

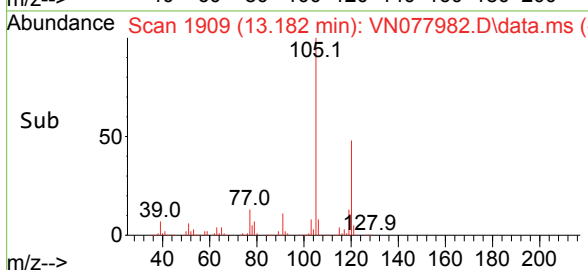
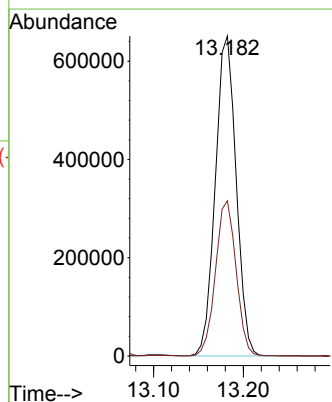
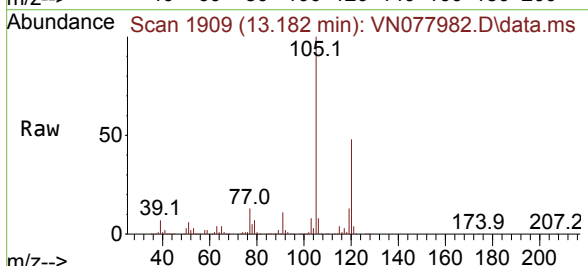
Acq: 30 May 2023 20:15

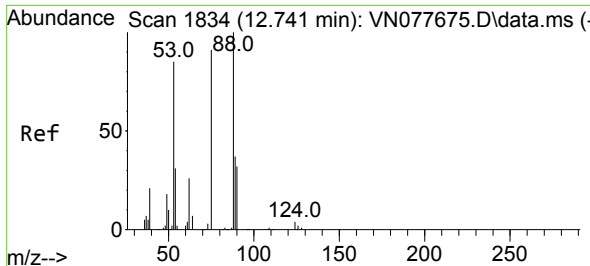
Tgt Ion: 105 Resp: 1048757

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

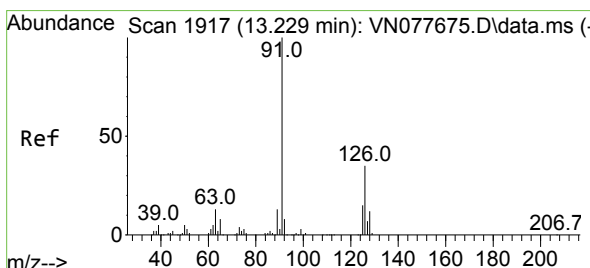
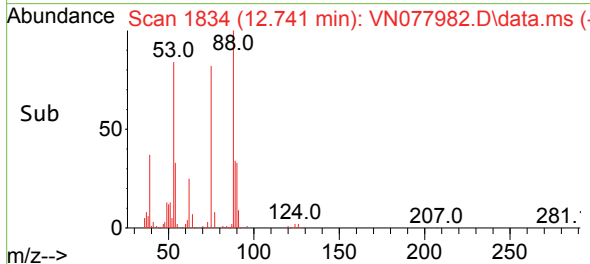
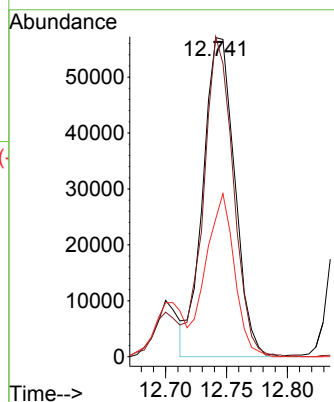
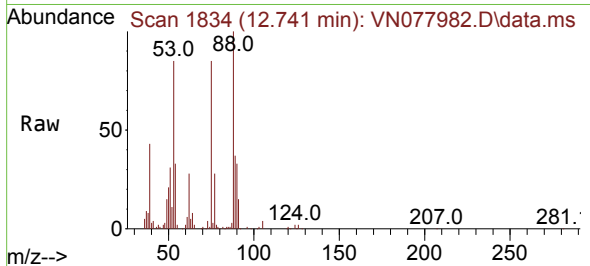




#81
trans-1,4-Dichloro-2-butene
Concen: 53.681 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

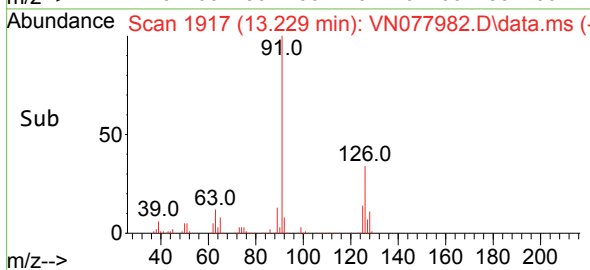
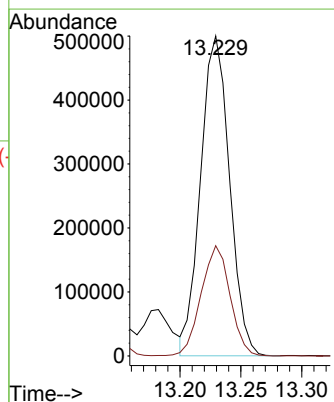
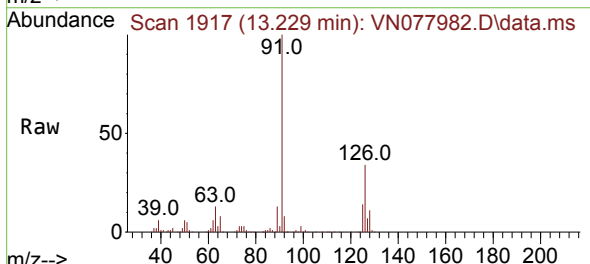
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

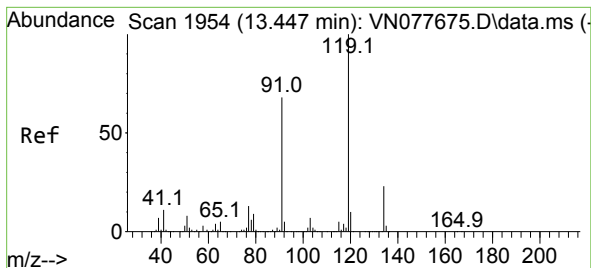
Tgt Ion: 75 Resp: 103248
Ion Ratio Lower Upper
75 100
53 93.9 67.4 101.2
89 46.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.718 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion: 91 Resp: 825303
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 57.481 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

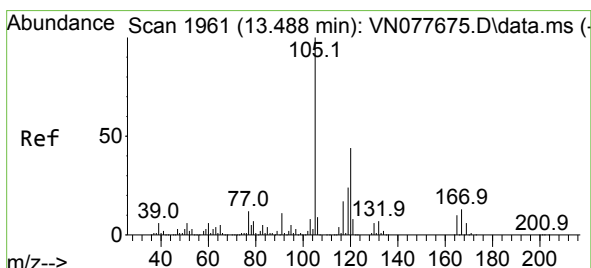
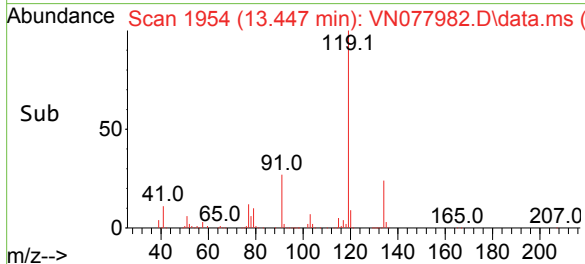
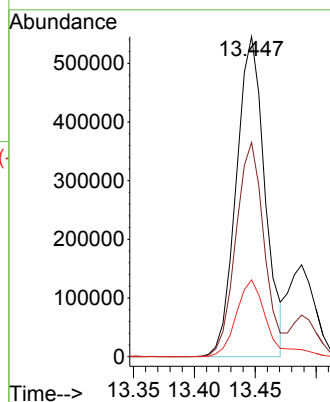
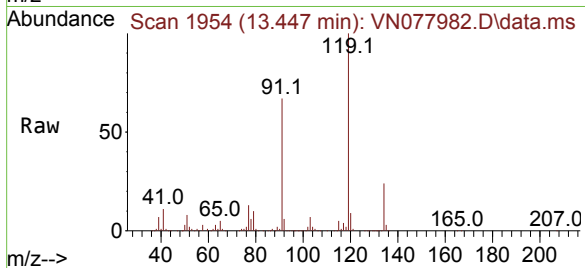
Tgt Ion:119 Resp: 892492

Ion Ratio Lower Upper

119 100

91 67.6 33.9 101.7

134 25.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 59.687 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077982.D

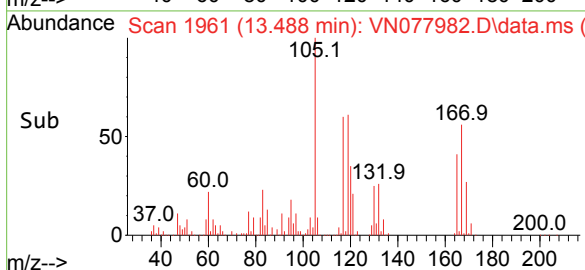
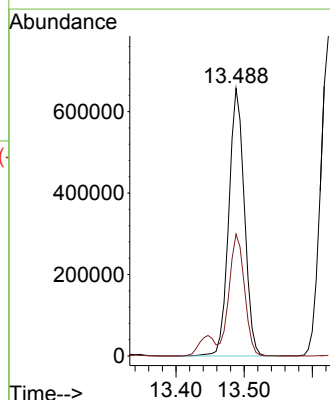
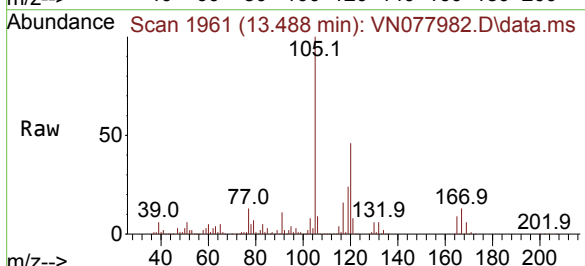
Acq: 30 May 2023 20:15

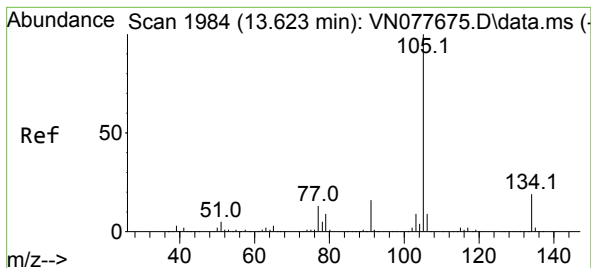
Tgt Ion:105 Resp: 1044043

Ion Ratio Lower Upper

105 100

120 45.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 55.915 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

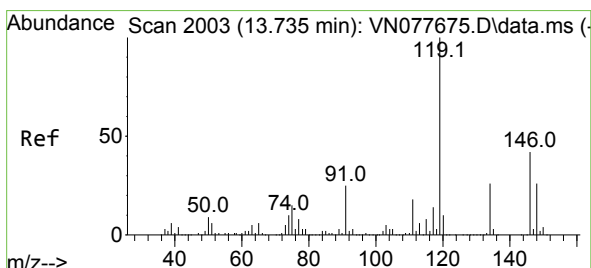
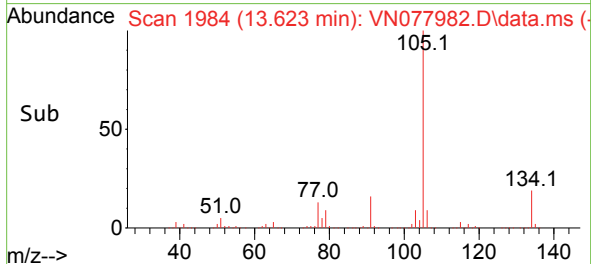
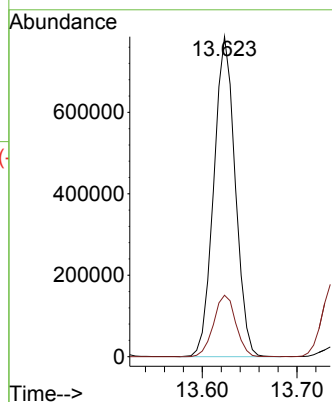
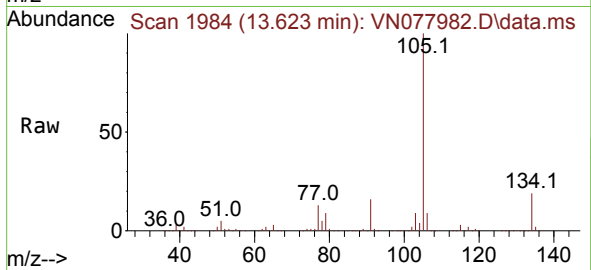
VSTDCCC050EC

Tgt Ion:105 Resp: 1233834

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 58.558 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

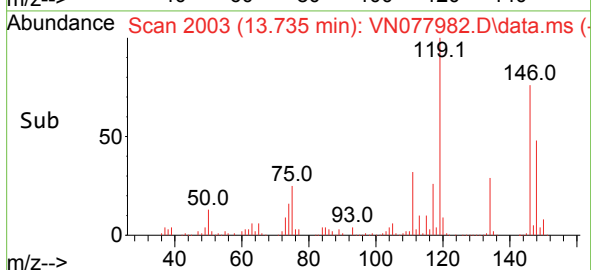
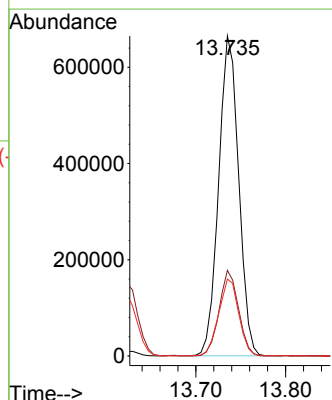
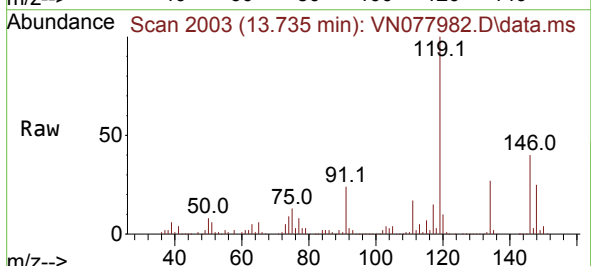
Tgt Ion:119 Resp: 1030145

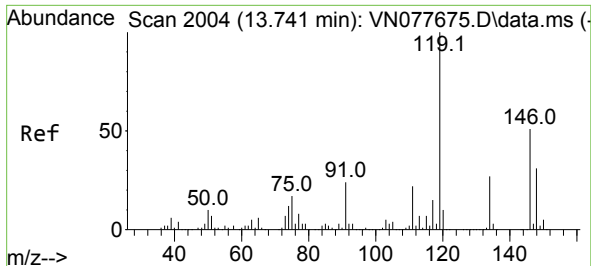
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.0 12.4 37.2

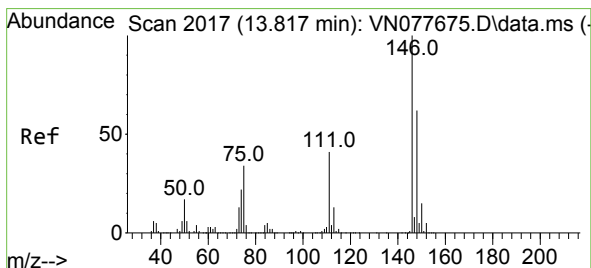
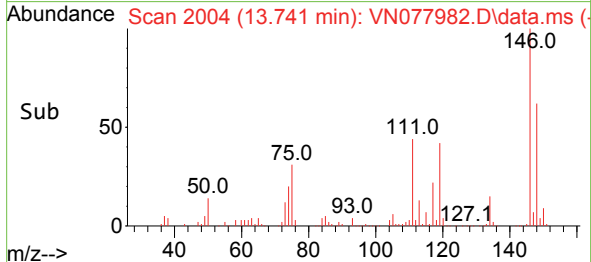
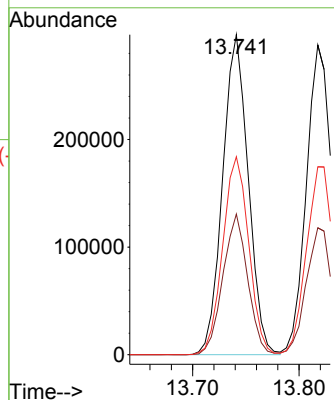
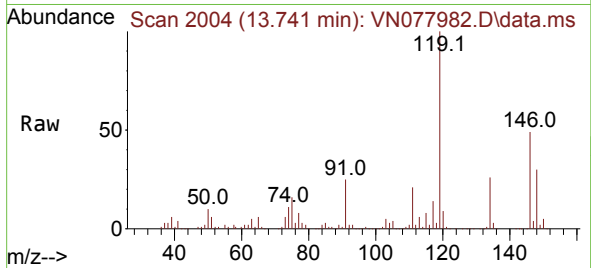




#87
1,3-Dichlorobenzene
Concen: 55.559 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

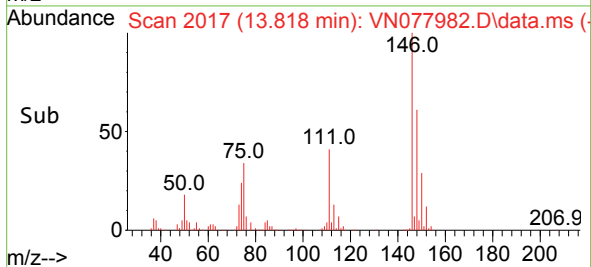
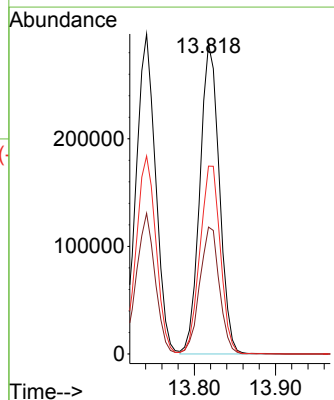
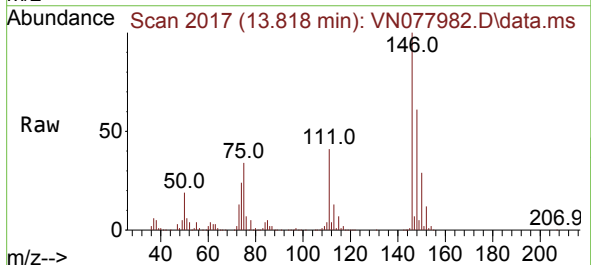
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

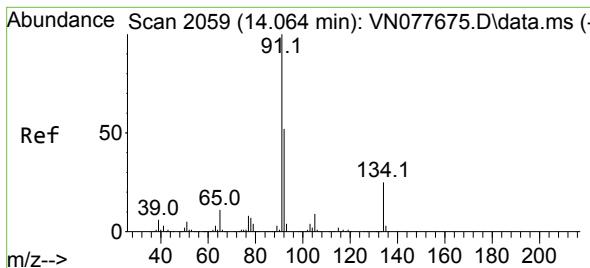
Tgt Ion:146 Resp: 496194
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 63.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 54.202 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:146 Resp: 480367
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 51.513 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

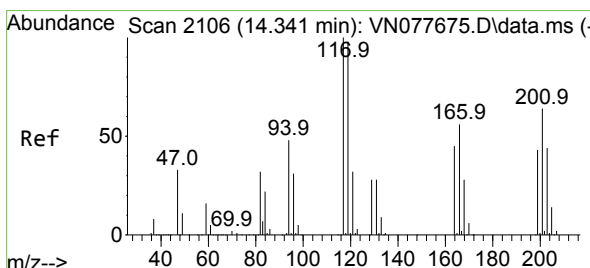
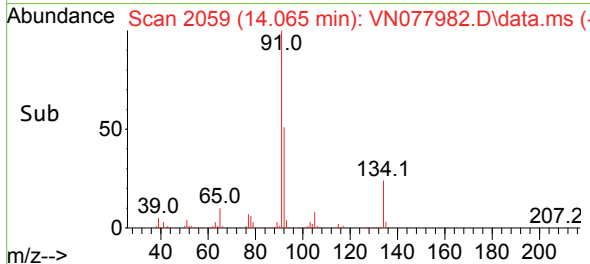
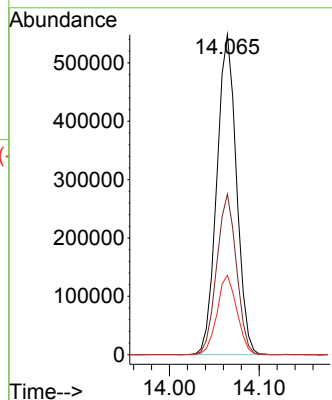
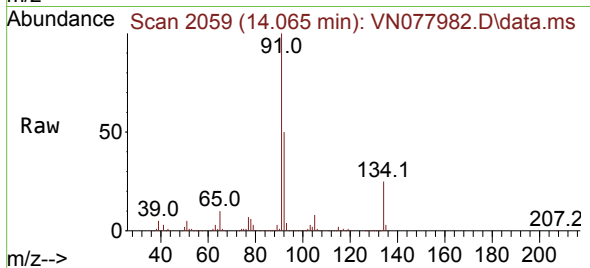
Tgt Ion: 91 Resp: 833524

Ion Ratio Lower Upper

91 100

92 50.4 26.4 79.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 61.568 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077982.D

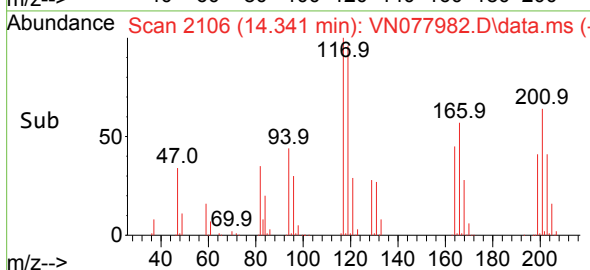
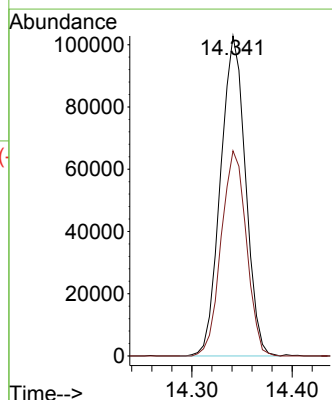
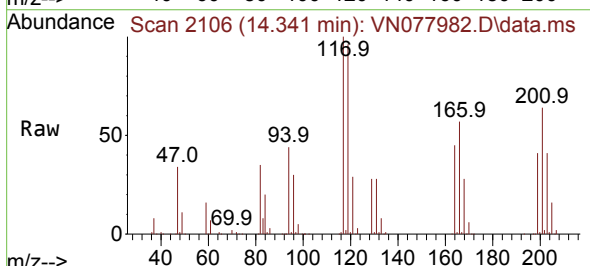
Acq: 30 May 2023 20:15

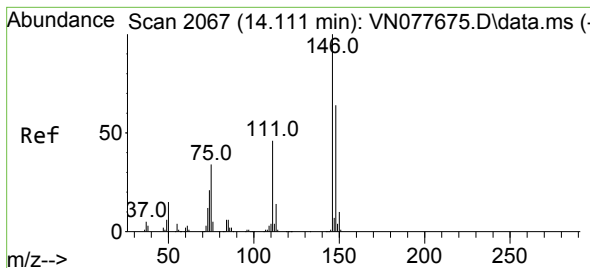
Tgt Ion: 117 Resp: 177929

Ion Ratio Lower Upper

117 100

201 64.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 58.229 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

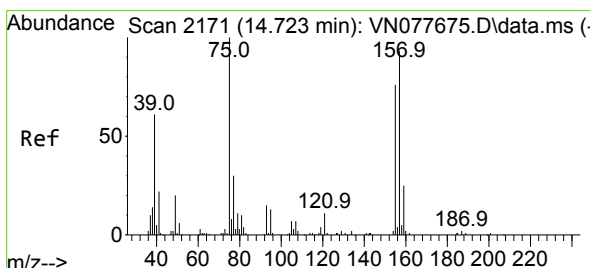
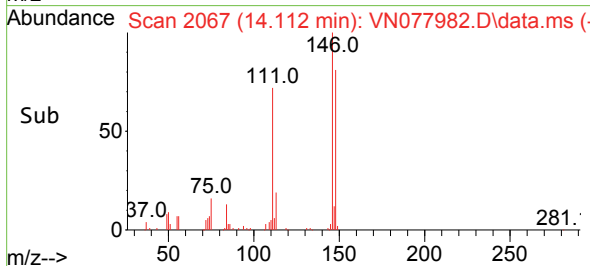
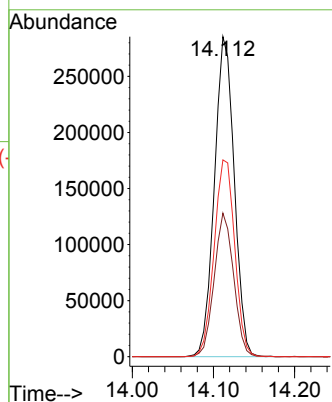
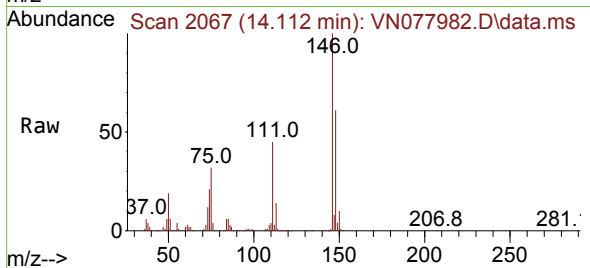
Tgt Ion:146 Resp: 485829

Ion Ratio Lower Upper

146 100

111 43.9 22.0 66.0

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.420 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

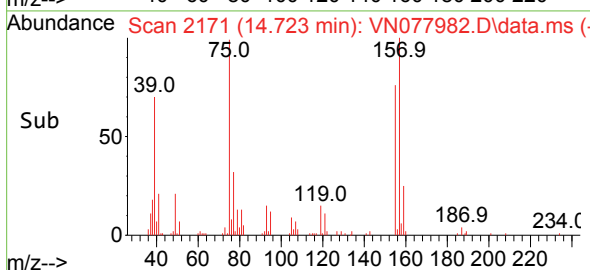
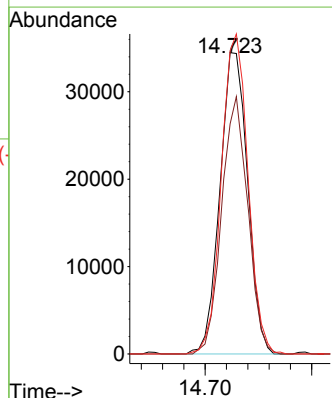
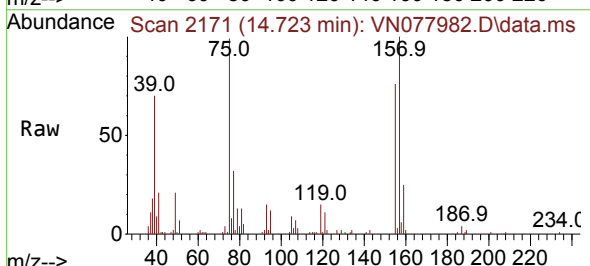
Tgt Ion: 75 Resp: 62288

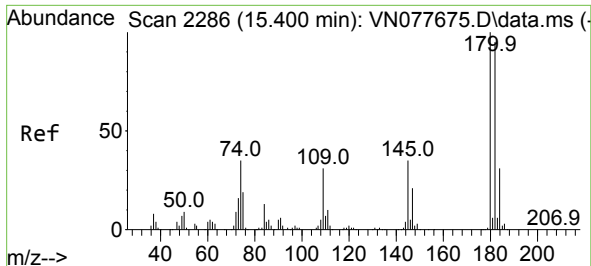
Ion Ratio Lower Upper

75 100

155 80.6 39.1 117.2

157 101.9 50.3 150.9

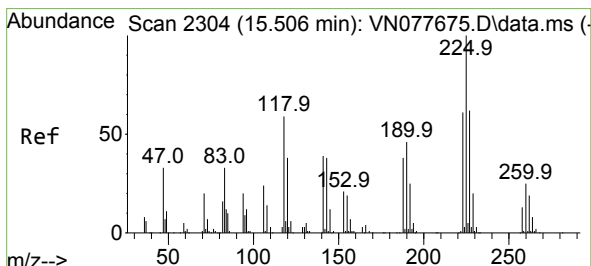
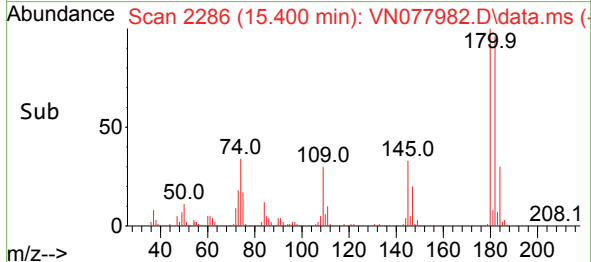
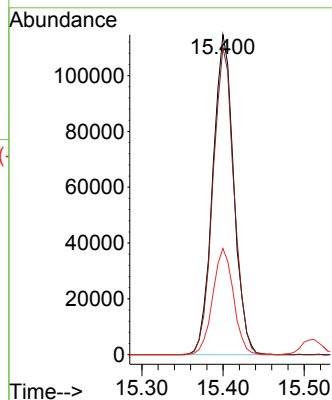
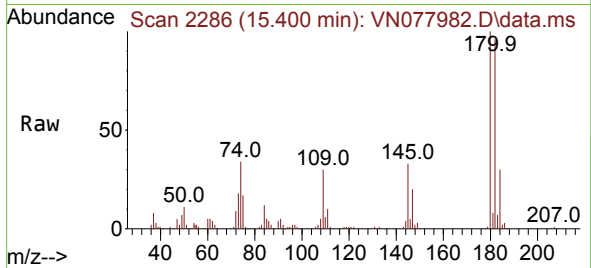




#93
1,2,4-Trichlorobenzene
Concen: 42.257 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

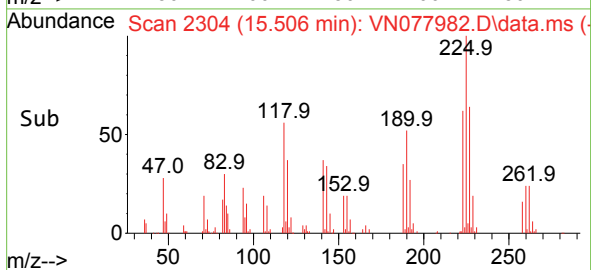
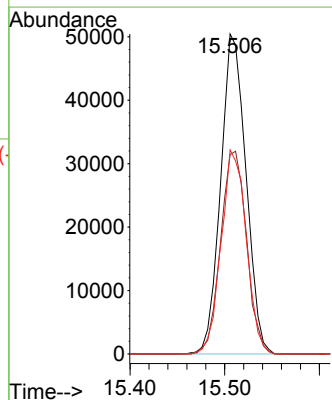
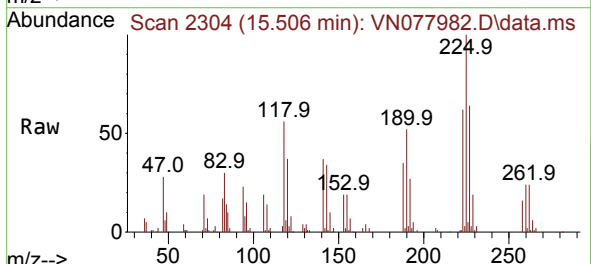
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

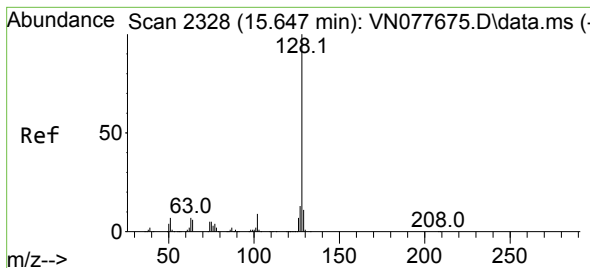
Tgt Ion:180 Resp: 206031
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 32.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 46.226 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077982.D
Acq: 30 May 2023 20:15

Tgt Ion:225 Resp: 93579
Ion Ratio Lower Upper
225 100
223 64.9 31.3 93.8
227 63.2 31.9 95.9





#95

Naphthalene

Concen: 38.591 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

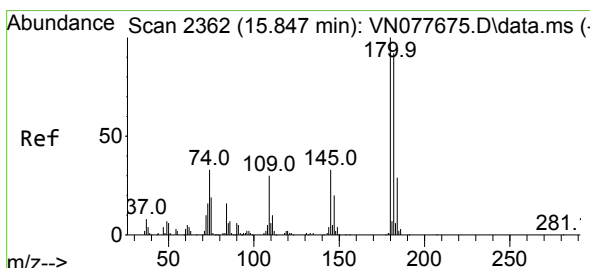
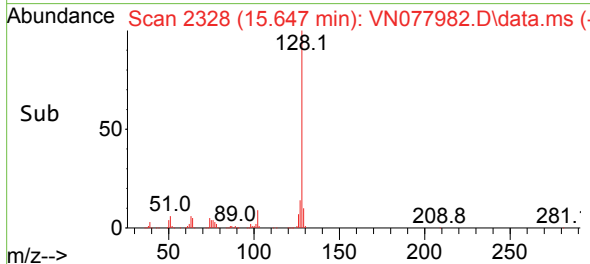
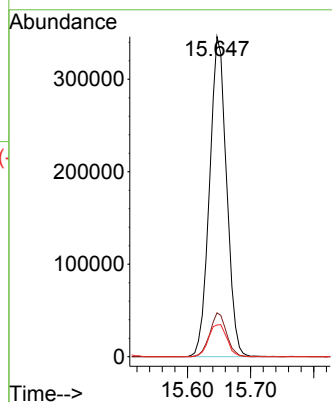
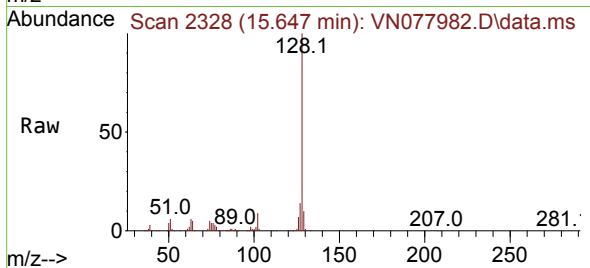
Tgt Ion:128 Resp: 647632

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.801 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077982.D

Acq: 30 May 2023 20:15

Tgt Ion:180 Resp: 218642

Ion Ratio Lower Upper

180 100

182 95.3 46.2 138.6

145 34.6 17.5 52.6

