

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075111.D
 Acq On : 02 Nov 2022 12:40
 Operator : JC\MD
 Sample : VN1102WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Quant Time: Nov 03 04:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	84640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	163356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	147588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	64889	56.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.800%
35) Dibromofluoromethane	8.171	113	51786	54.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.000%
50) Toluene-d8	10.570	98	198183	53.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.853	95	67719	51.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	21579	19.598	ug/l	92
3) Chloromethane	2.377	50	24793	21.199	ug/l	99
4) Vinyl Chloride	2.524	62	35095	21.035	ug/l	99
5) Bromomethane	2.942	94	26984	19.643	ug/l	91
6) Chloroethane	3.118	64	26238	21.931	ug/l	99
7) Trichlorofluoromethane	3.500	101	36887	21.642	ug/l	98
8) Diethyl Ether	3.971	74	12798	20.587	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	19860	21.099	ug/l	98
10) Methyl Iodide	4.600	142	28010	19.989	ug/l	99
11) Tert butyl alcohol	5.536	59	26163	98.375	ug/l	96
12) 1,1-Dichloroethene	4.347	96	19163	21.359	ug/l	93
13) Acrolein	4.189	56	24183	111.169	ug/l	97
14) Allyl chloride	5.036	41	24818	18.940	ug/l	95
15) Acrylonitrile	5.736	53	61453	109.385	ug/l	99
16) Acetone	4.447	43	51747	107.162	ug/l	99
17) Carbon Disulfide	4.724	76	43395	19.233	ug/l	96
18) Methyl Acetate	5.036	43	35763	22.673	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	68691	20.599	ug/l	98
20) Methylene Chloride	5.283	84	22530	20.926	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	19452	19.801	ug/l	99
22) Diisopropyl ether	6.688	45	60420	20.894	ug/l	94
23) Vinyl Acetate	6.618	43	218503	90.485	ug/l	100
24) 1,1-Dichloroethane	6.577	63	38693	21.156	ug/l	97
25) 2-Butanone	7.494	43	81049	106.710	ug/l	97
26) 2,2-Dichloropropane	7.500	77	34313	20.394	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	24218	20.644	ug/l	98
28) Bromochloromethane	7.824	49	16769	21.750	ug/l	98
29) Tetrahydrofuran	7.847	42	52149	106.253	ug/l	98
30) Chloroform	7.971	83	41882	21.092	ug/l	97
31) Cyclohexane	8.265	56	35269	20.794	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	37544	20.820	ug/l	98
36) 1,1-Dichloropropene	8.377	75	29001	19.534	ug/l	100
37) Ethyl Acetate	7.571	43	33596	20.634	ug/l	97
38) Carbon Tetrachloride	8.365	117	32269	19.759	ug/l	94
39) Methylcyclohexane	9.606	83	36086	18.411	ug/l	94
40) Benzene	8.612	78	90628	19.936	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	15993	20.502	ug/l	99
42) 1,2-Dichloroethane	8.677	62	34221	20.692	ug/l	98
43) Isopropyl Acetate	8.694	43	50855	20.136	ug/l	98
44) Trichloroethene	9.359	130	22962	20.133	ug/l	93
45) 1,2-Dichloropropane	9.629	63	23097	21.350	ug/l	91
46) Dibromomethane	9.712	93	16603	19.699	ug/l	98
47) Bromodichloromethane	9.894	83	33681	20.636	ug/l	99
48) Methyl methacrylate	9.682	41	22251	19.206	ug/l	98
49) 1,4-Dioxane	9.700	88	11843	390.380	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	168022	103.096	ug/l	99
52) Toluene	10.635	92	60226	19.819	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	33215	19.280	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	35090	19.204	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	23780	19.736	ug/l	92
56) Ethyl methacrylate	10.876	69	36104	19.644	ug/l	98
57) 1,3-Dichloropropane	11.165	76	40904	20.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	69834	98.284	ug/l	96
59) 2-Hexanone	11.200	43	124997	101.054	ug/l	97
60) Dibromochloromethane	11.365	129	24958	19.633	ug/l	99
61) 1,2-Dibromoethane	11.470	107	24232	19.624	ug/l	99
64) Tetrachloroethene	11.106	164	19797	21.879	ug/l	99
65) Chlorobenzene	11.894	112	61207	19.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	23671	20.255	ug/l	98
67) Ethyl Benzene	11.965	91	111292	19.636	ug/l	100
68) m/p-Xylenes	12.076	106	89013	39.140	ug/l	95
69) o-Xylene	12.400	106	44330	19.710	ug/l	97
70) Styrene	12.412	104	69735	19.446	ug/l	98
71) Bromoform	12.582	173	16521	18.882	ug/l #	100
73) Isopropylbenzene	12.700	105	110447	19.484	ug/l	99
74) N-amyl acetate	12.494	43	42174	20.116	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	37668	20.807	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	48618	32.429	ug/l	70
77) Bromobenzene	12.982	156	24543	19.664	ug/l	97
78) n-propylbenzene	13.041	91	130837	20.558	ug/l	97
79) 2-Chlorotoluene	13.129	91	80483	20.695	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	96603	20.290	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	10393	17.795	ug/l	94
82) 4-Chlorotoluene	13.129	91	80483	20.695	ug/l	98
83) tert-Butylbenzene	13.441	119	82457	19.491	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	96738	20.082	ug/l	100
85) sec-Butylbenzene	13.617	105	119887	20.257	ug/l	97
86) p-Isopropyltoluene	13.735	119	97160	19.879	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	48082	19.675	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	47971	19.834	ug/l	98
89) n-Butylbenzene	14.059	91	77701	19.742	ug/l	99
90) Hexachloroethane	14.335	117	16956	18.921	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	49360	20.317	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7871	20.585	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	20545	19.652	ug/l	95
94) Hexachlorobutadiene	15.505	225	10065	19.748	ug/l	98
95) Naphthalene	15.647	128	74714	18.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	19919	19.176	ug/l	95

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ClientSampleId :
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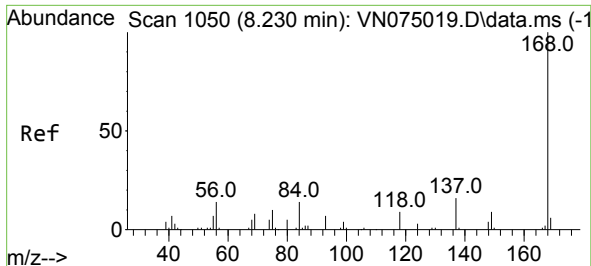
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QLast Update : Thu Oct 27 09:48:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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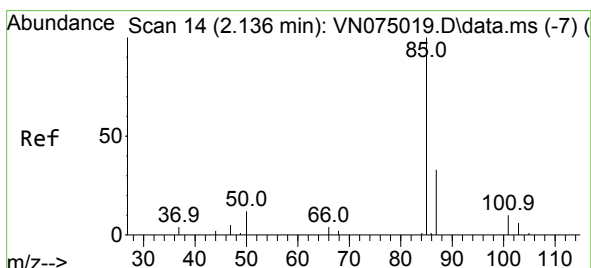
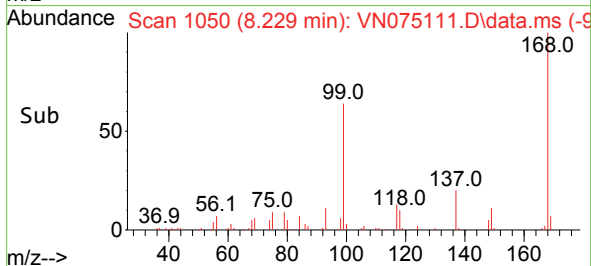
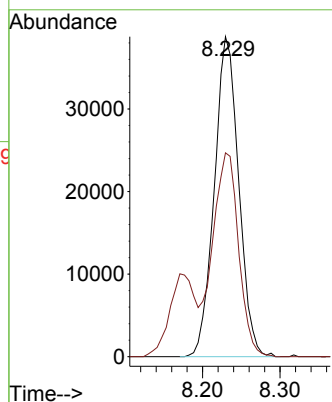
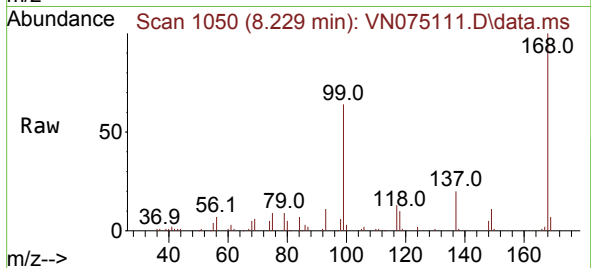




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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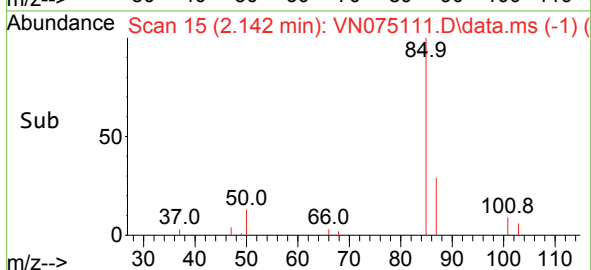
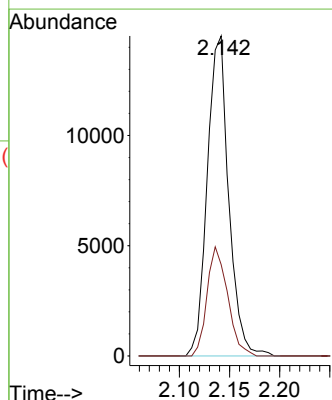
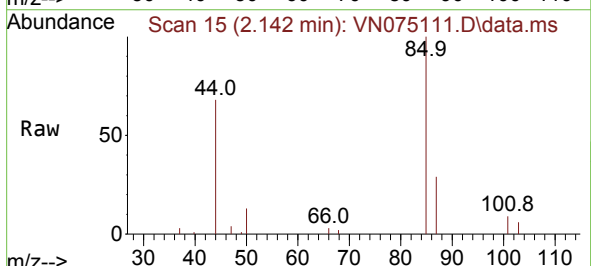
Instrument :
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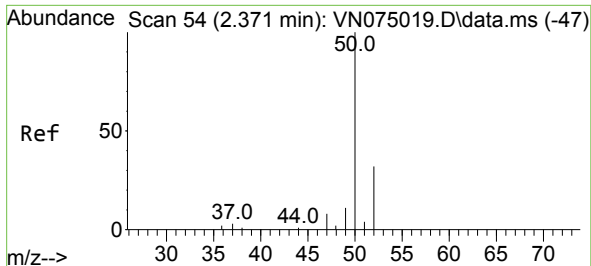
Tgt Ion:168 Resp: 84640
Ion Ratio Lower Upper
168 100
99 63.7 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 19.598 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 85 Resp: 21579
Ion Ratio Lower Upper
85 100
87 28.5 16.7 50.0

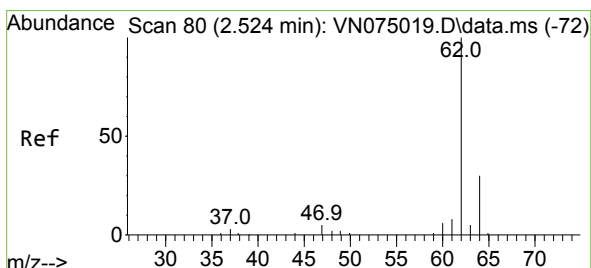
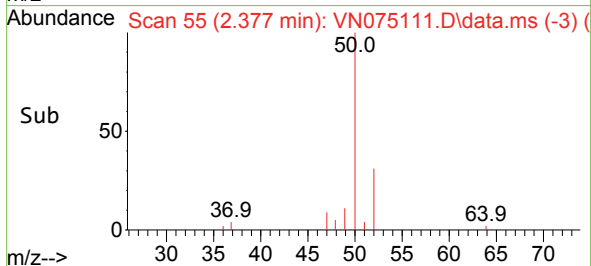
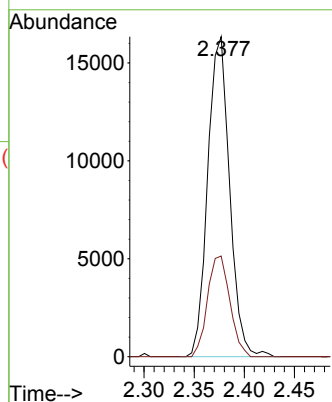
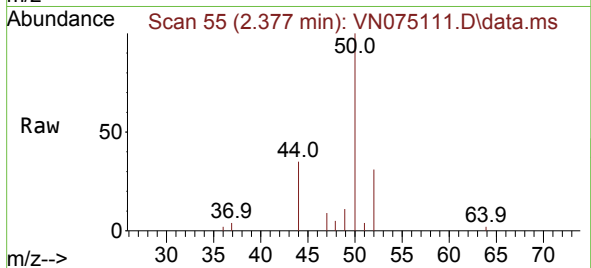




#3
Chloromethane
Concen: 21.199 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

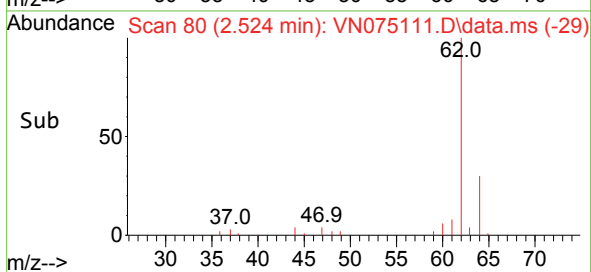
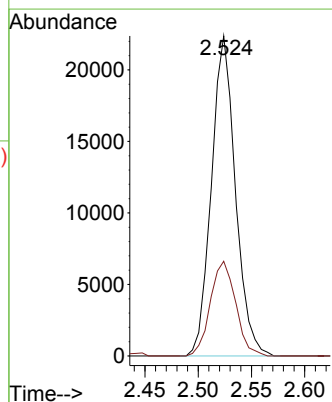
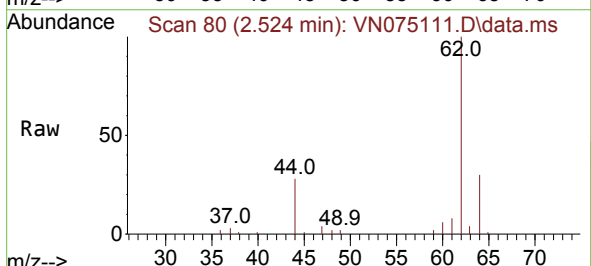
Instrument :
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ClientSampleId :
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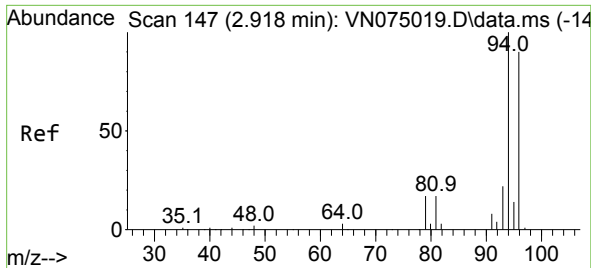
Tgt Ion: 50 Resp: 24793
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.6



#4
Vinyl Chloride
Concen: 21.035 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 62 Resp: 35095
Ion Ratio Lower Upper
62 100
64 29.6 24.0 36.0

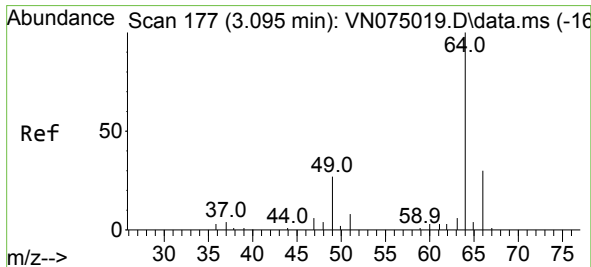
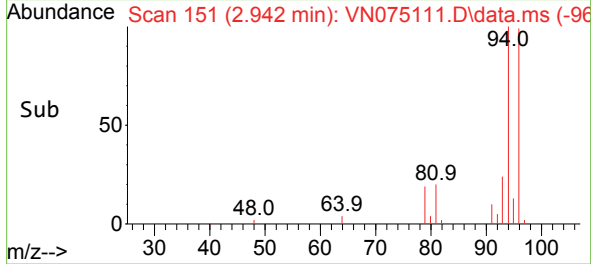
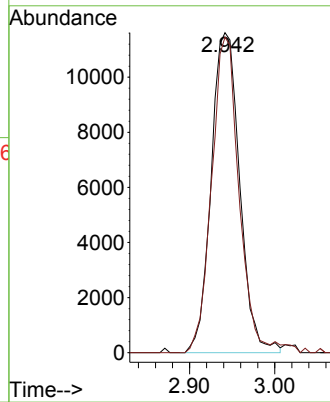
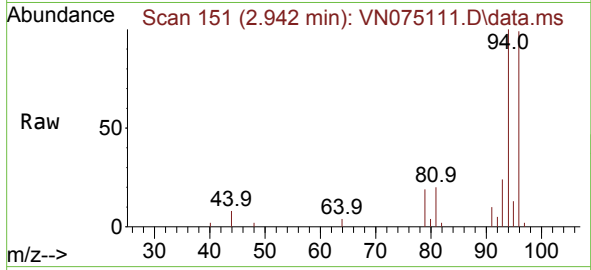




#5
Bromomethane
Concen: 19.643 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

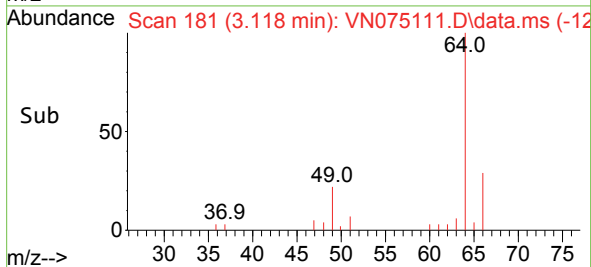
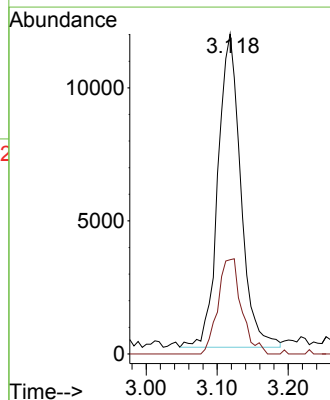
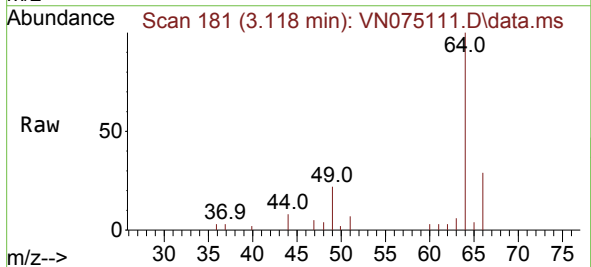
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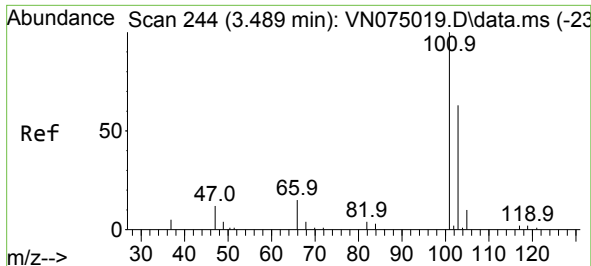
Tgt Ion: 94 Resp: 26984
Ion Ratio Lower Upper
94 100
96 98.6 71.8 107.6



#6
Chloroethane
Concen: 21.931 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 64 Resp: 26238
Ion Ratio Lower Upper
64 100
66 30.1 23.8 35.8

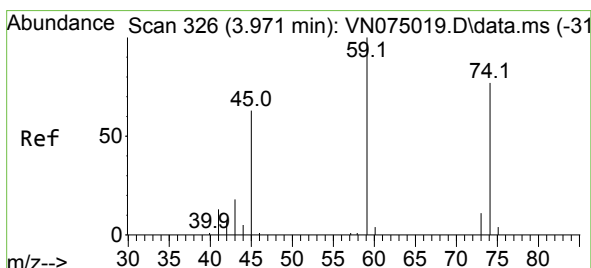
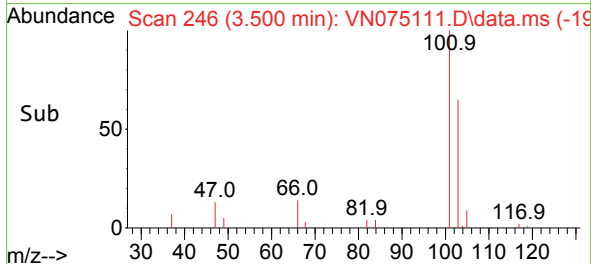
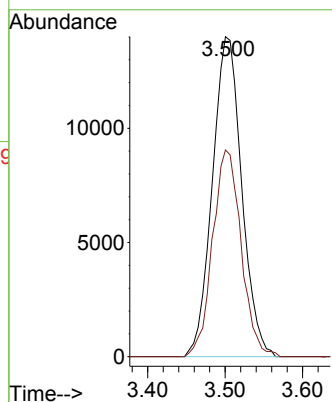
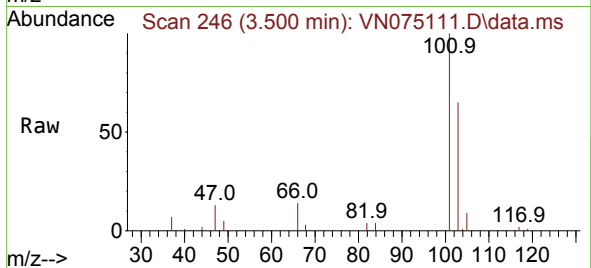




#7
Trichlorofluoromethane
Concen: 21.642 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075111.D
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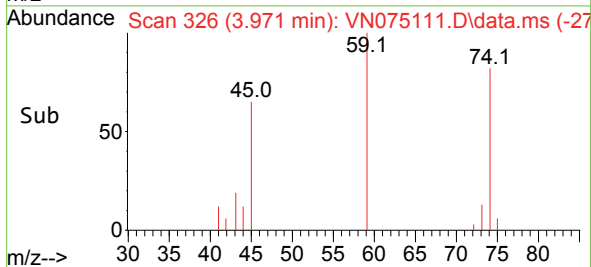
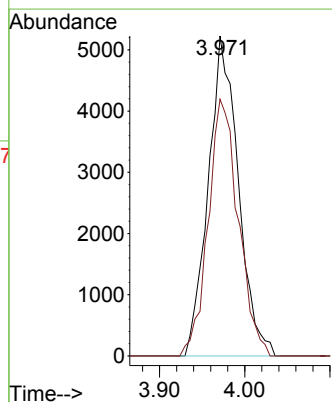
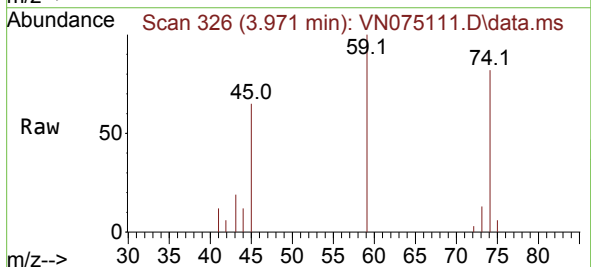
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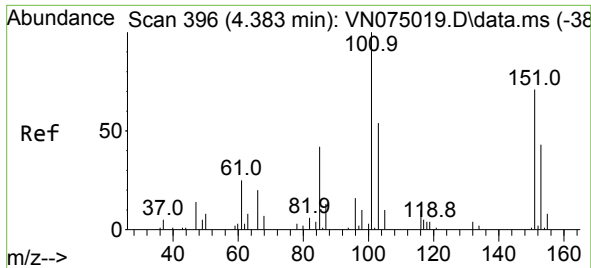
Tgt Ion:101 Resp: 36887
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7



#8
Diethyl Ether
Concen: 20.587 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 12798
Ion Ratio Lower Upper
74 100
45 80.4 39.3 117.9

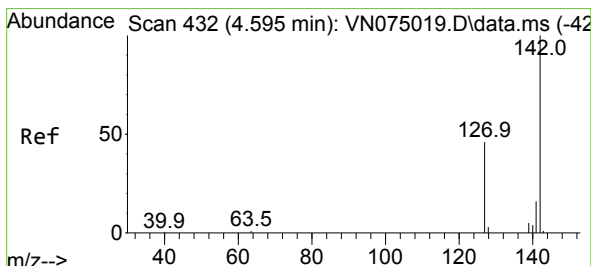
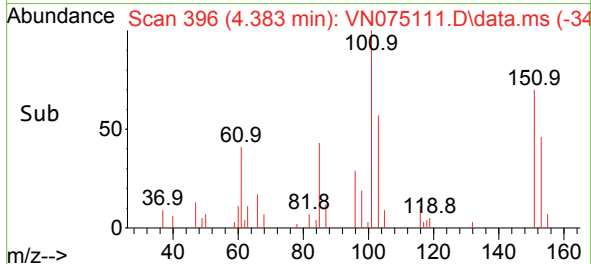
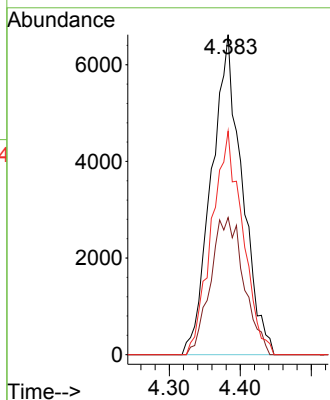
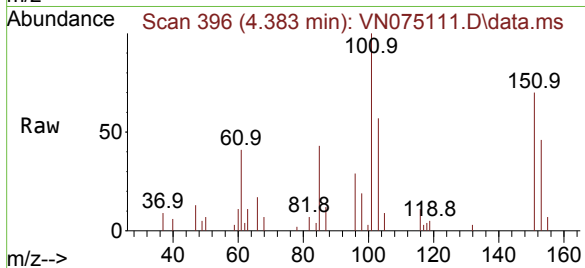




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.099 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075111.D
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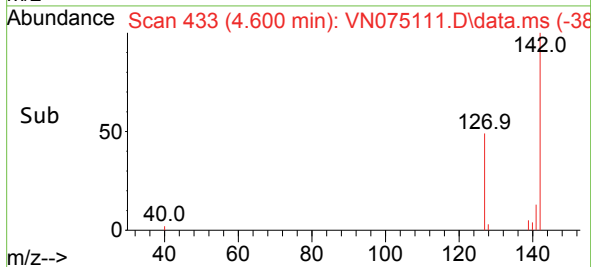
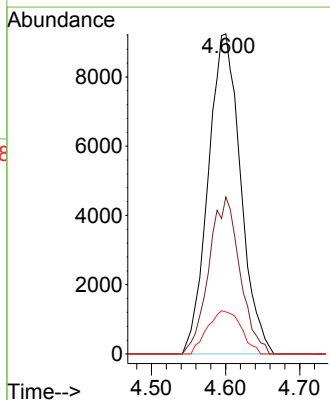
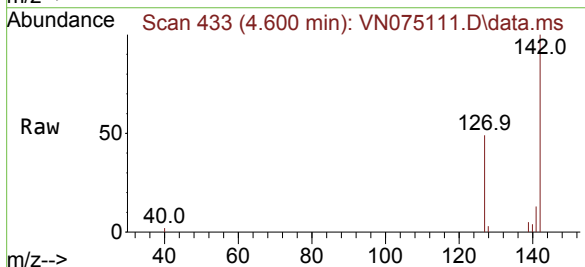
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

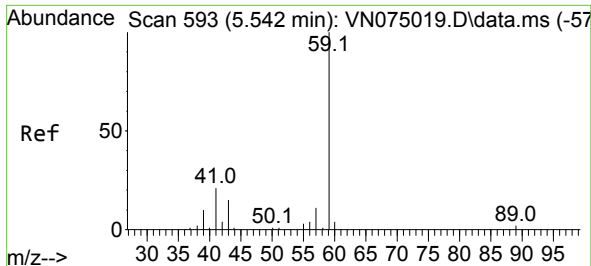
Tgt Ion:101 Resp: 19860
Ion Ratio Lower Upper
101 100
85 46.7 37.6 56.4
151 70.7 58.3 87.5



#10
Methyl Iodide
Concen: 19.989 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:142 Resp: 28010
Ion Ratio Lower Upper
142 100
127 47.2 38.0 57.0
141 14.1 12.2 18.4

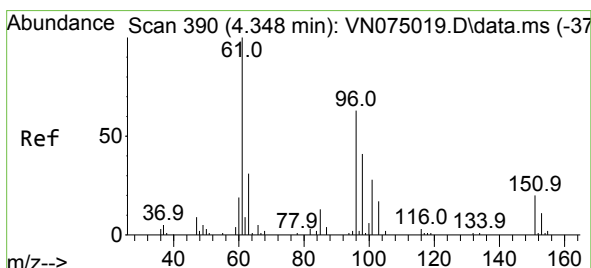
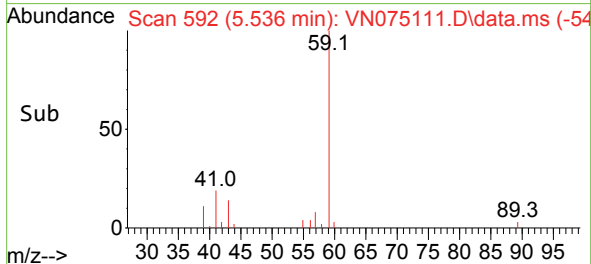
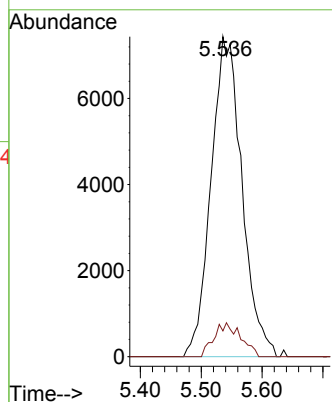
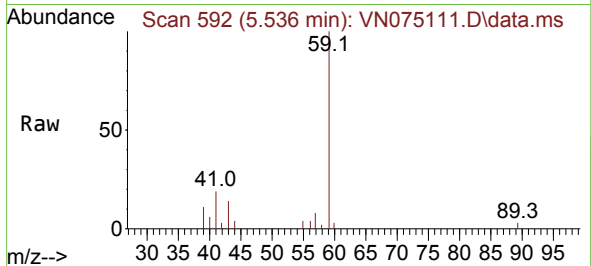




#11
Tert butyl alcohol
Concen: 98.375 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

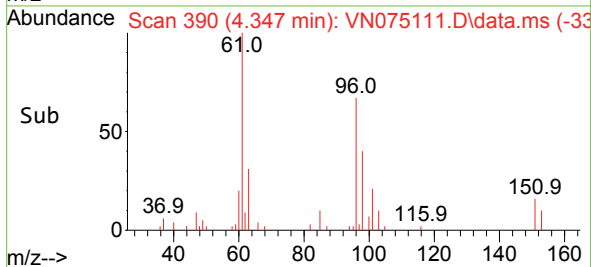
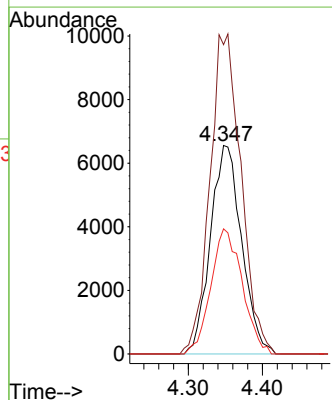
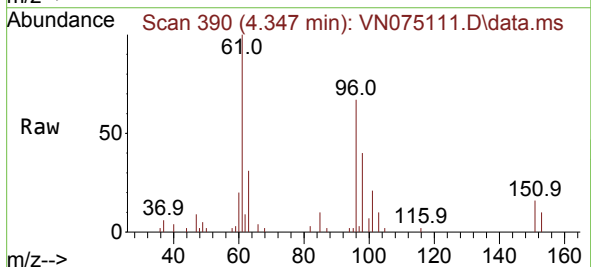
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

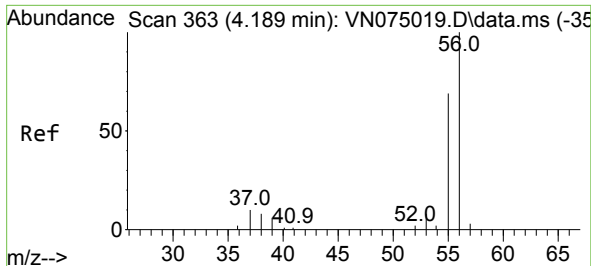
Tgt Ion: 59 Resp: 26163
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 21.359 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 96 Resp: 19163
Ion Ratio Lower Upper
96 100
61 148.4 126.2 189.4
98 60.1 51.5 77.3

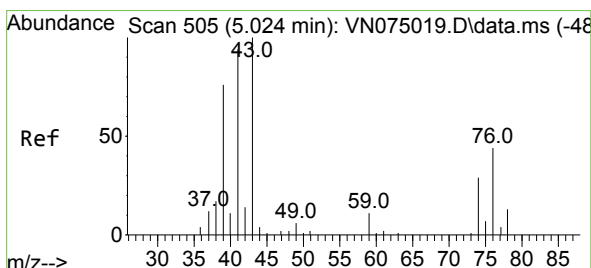
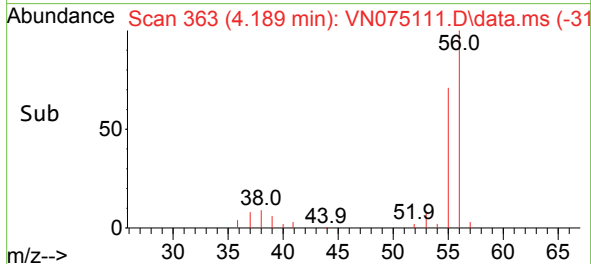
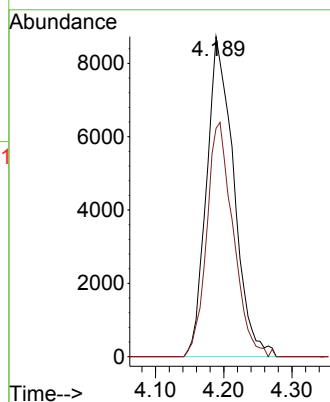
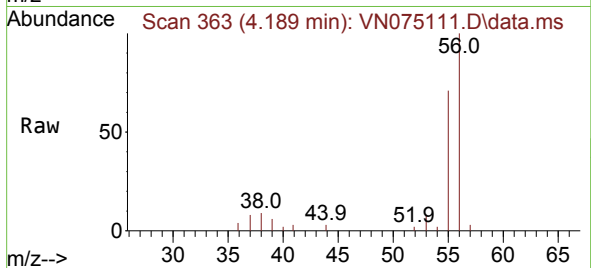




#13
Acrolein
Concen: 111.169 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

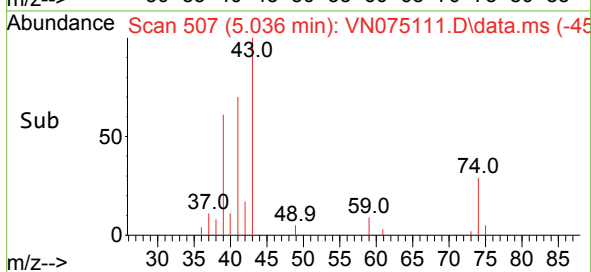
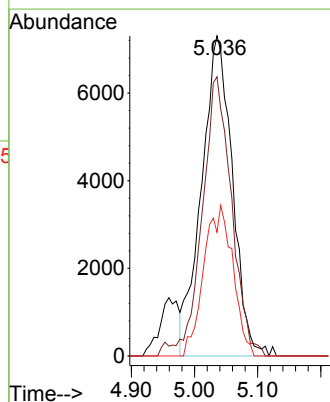
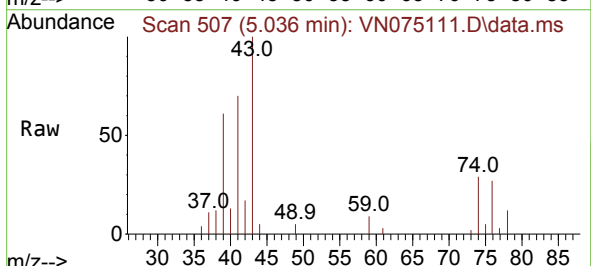
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

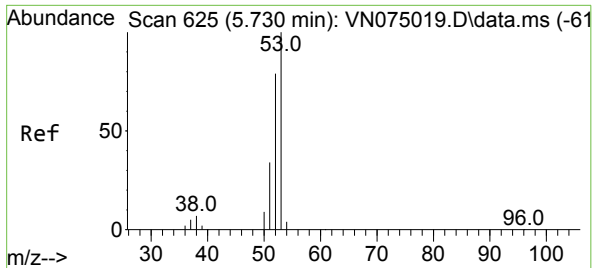
Tgt Ion: 56 Resp: 24183
Ion Ratio Lower Upper
56 100
55 71.4 55.2 82.8



#14
Allyl chloride
Concen: 18.940 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 41 Resp: 24818
Ion Ratio Lower Upper
41 100
39 81.5 61.0 91.4
76 44.1 33.4 50.0

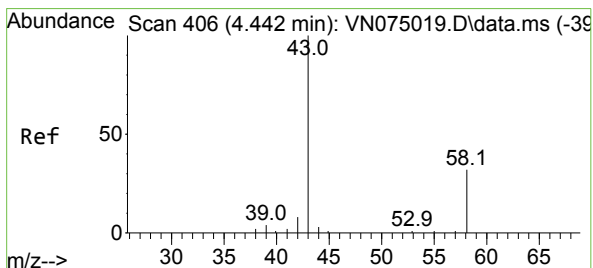
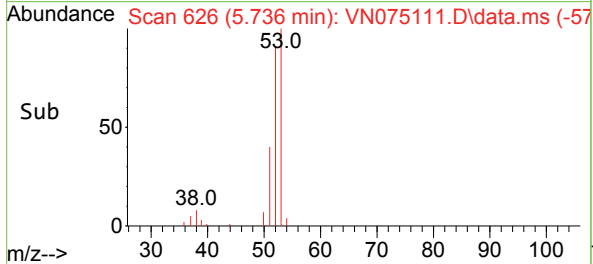
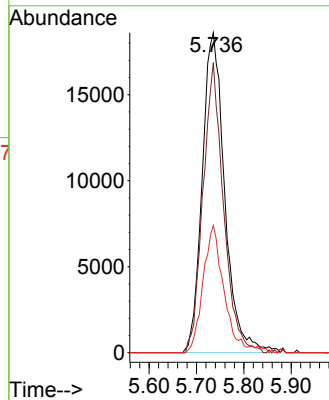
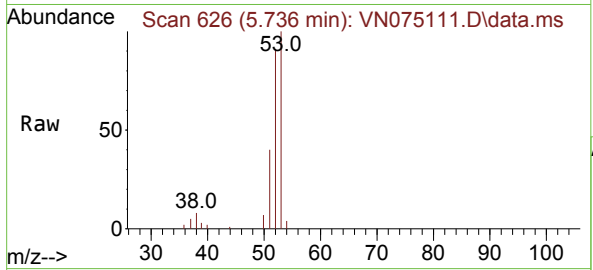




#15
Acrylonitrile
Concen: 109.385 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

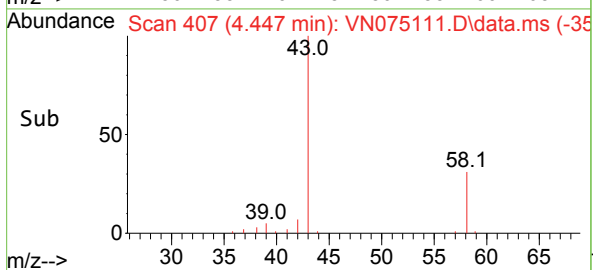
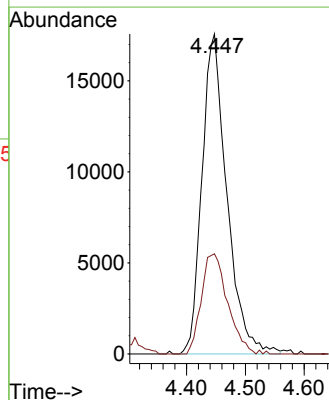
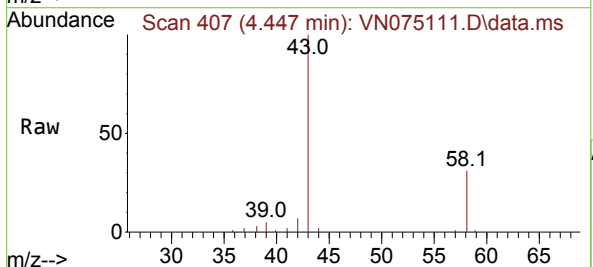
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

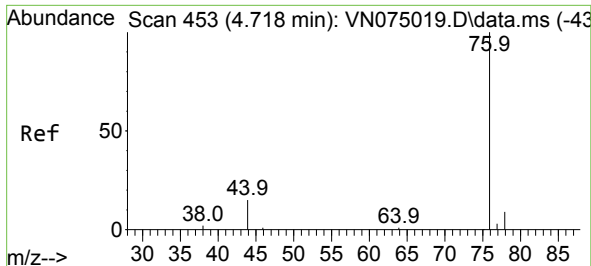
Tgt Ion:	53	Resp:	61453
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.3	29.6	44.4



#16
Acetone
Concen: 107.162 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:	43	Resp:	51747
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.5	38.3

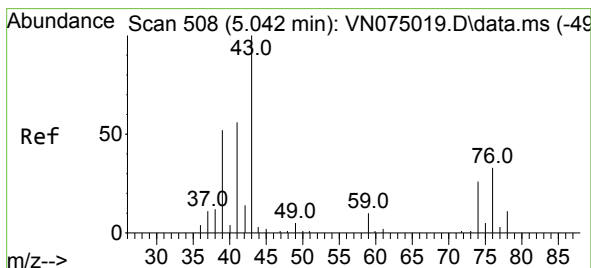
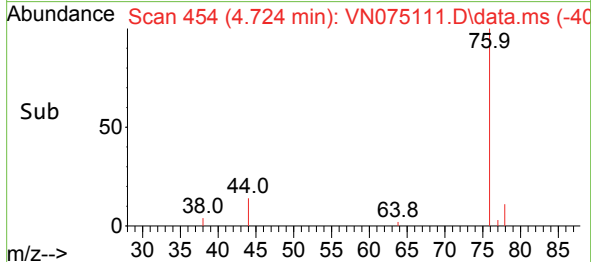
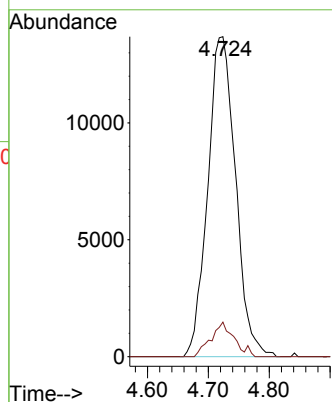
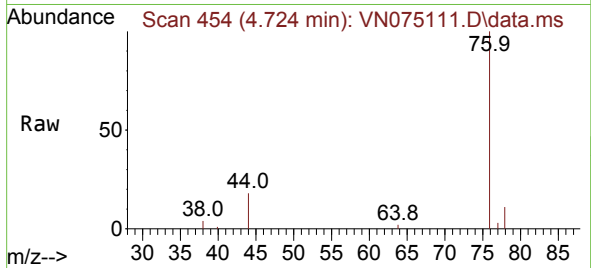




#17
Carbon Disulfide
Concen: 19.233 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

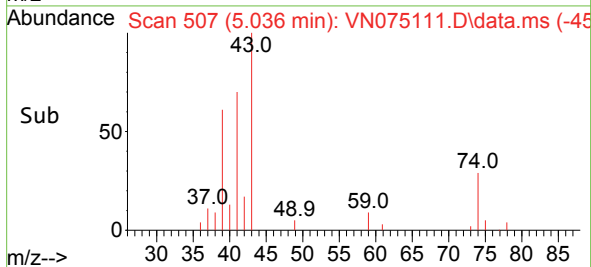
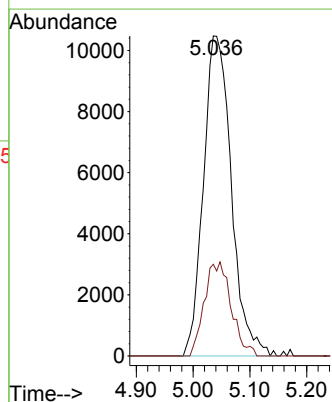
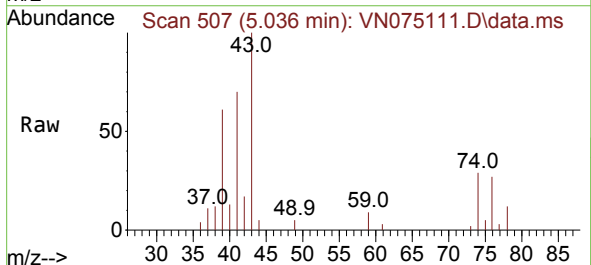
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

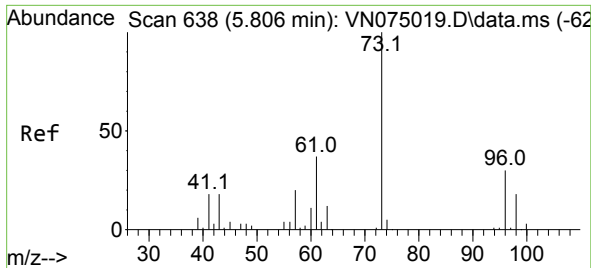
Tgt Ion: 76 Resp: 43395
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



#18
Methyl Acetate
Concen: 22.673 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 43 Resp: 35763
Ion Ratio Lower Upper
43 100
74 28.1 22.0 33.0

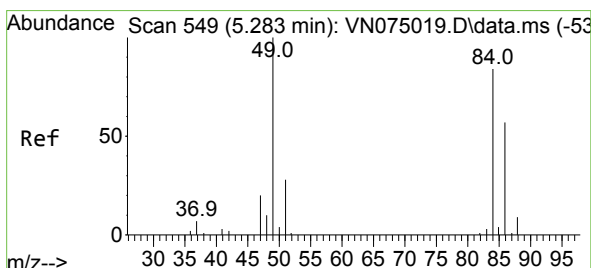
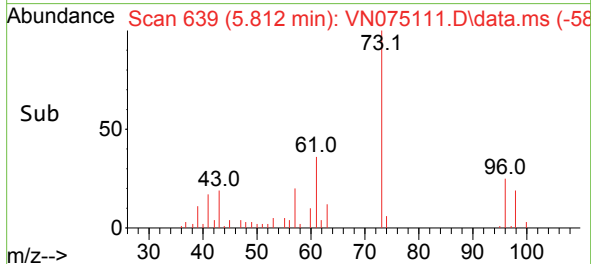
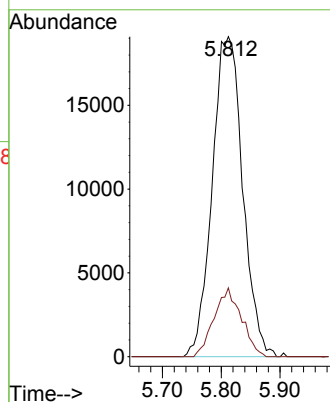
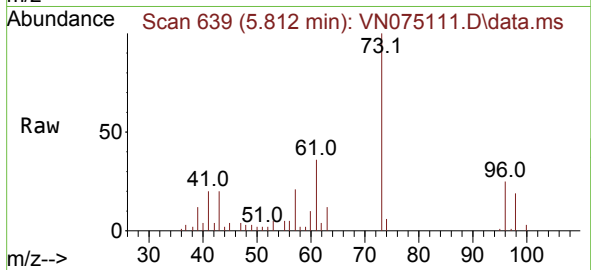




#19
Methyl tert-butyl Ether
Concen: 20.599 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

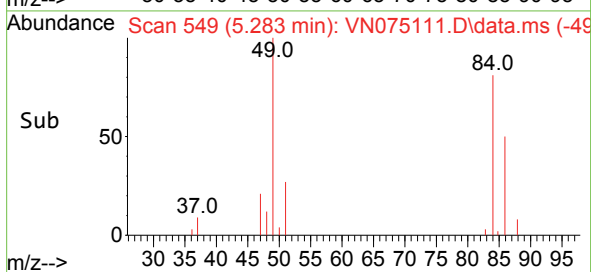
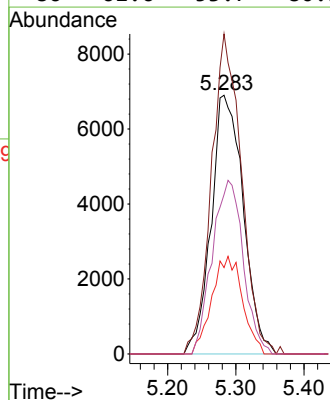
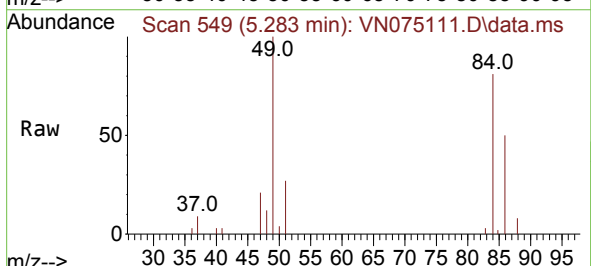
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

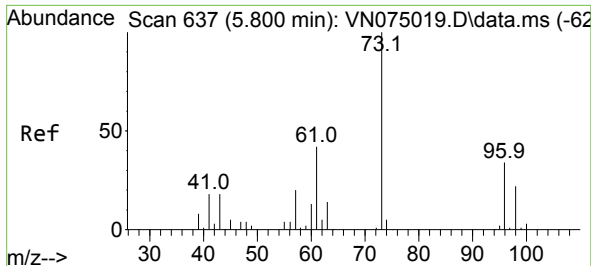
Tgt Ion: 73 Resp: 68691
Ion Ratio Lower Upper
73 100
57 21.5 16.3 24.5



#20
Methylene Chloride
Concen: 20.926 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 84 Resp: 22530
Ion Ratio Lower Upper
84 100
49 123.7 94.9 142.3
51 33.4 26.8 40.2
86 61.6 53.7 80.5

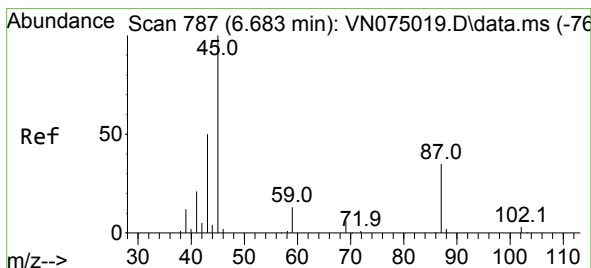
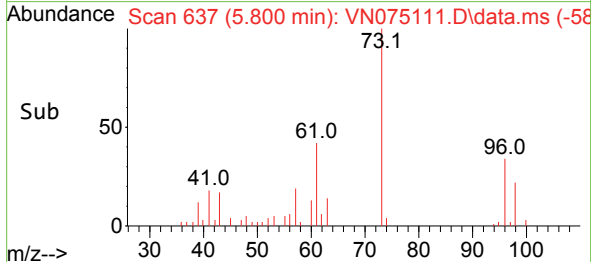
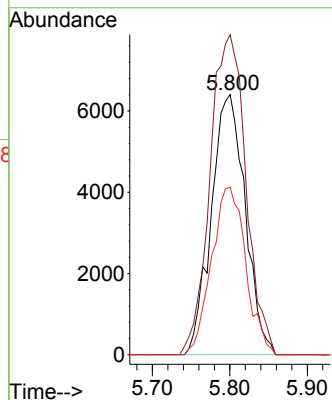
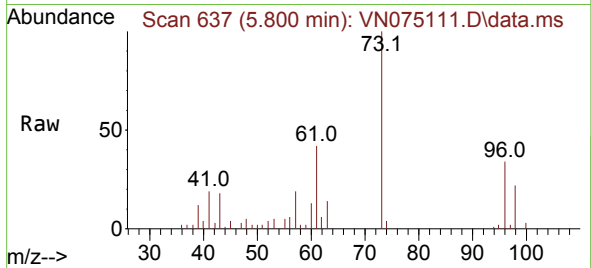




#21
trans-1,2-Dichloroethene
Concen: 19.801 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

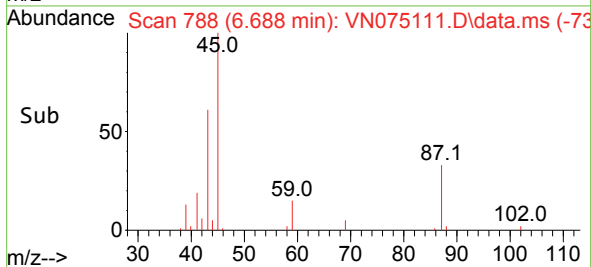
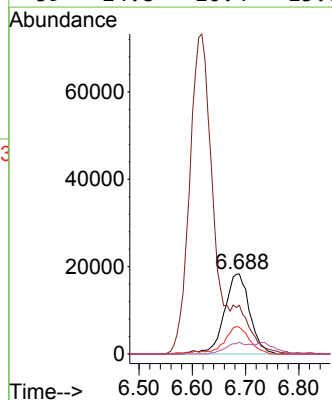
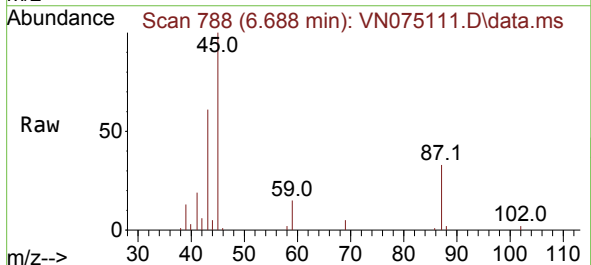
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

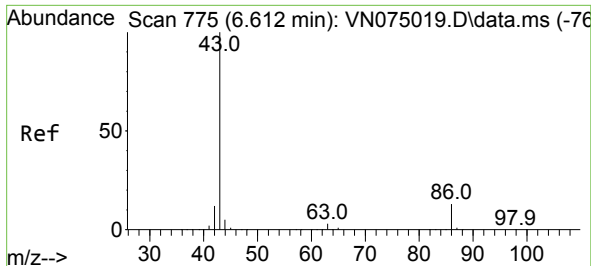
Tgt Ion: 96 Resp: 19452
Ion Ratio Lower Upper
96 100
61 123.0 99.9 149.9
98 64.4 51.5 77.3



#22
Diisopropyl ether
Concen: 20.894 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.005 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 45 Resp: 60420
Ion Ratio Lower Upper
45 100
43 58.8 42.8 64.2
87 33.4 28.4 42.6
59 14.8 10.4 15.6

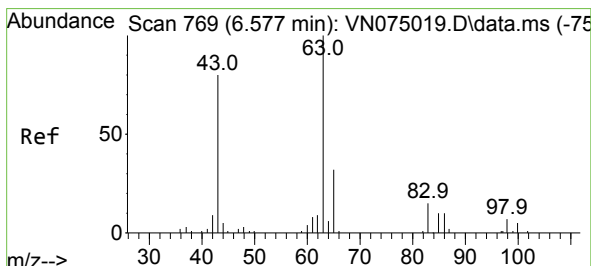
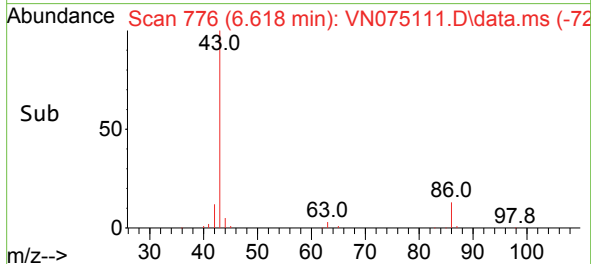
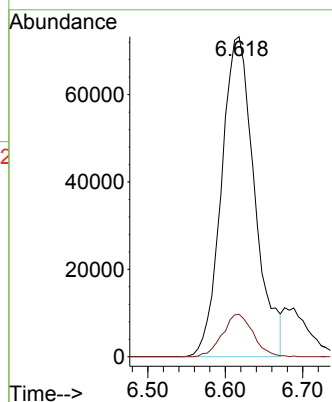
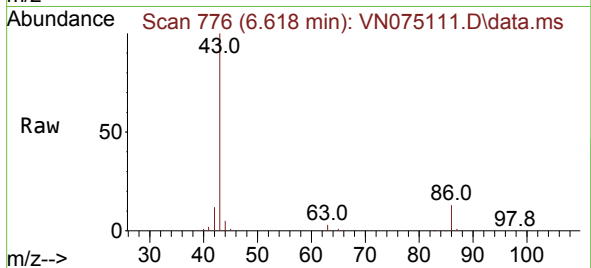




#23
 Vinyl Acetate
 Concen: 90.485 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

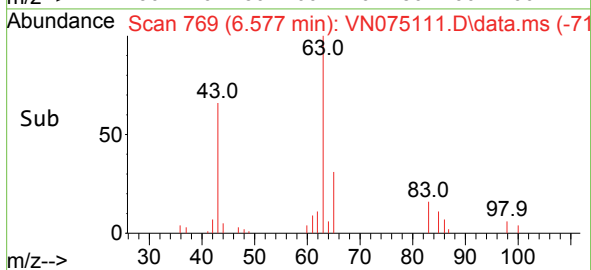
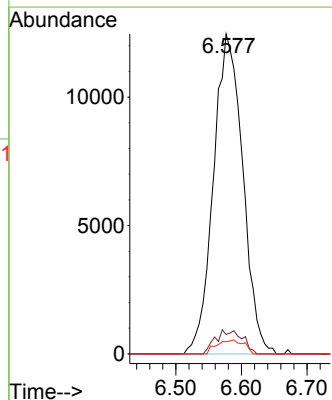
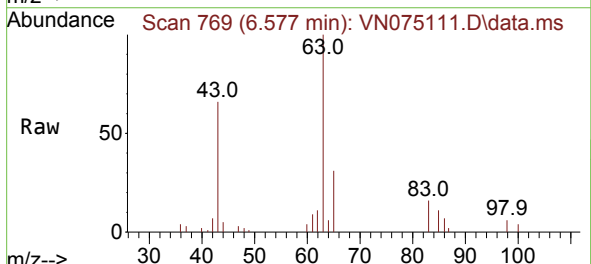
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

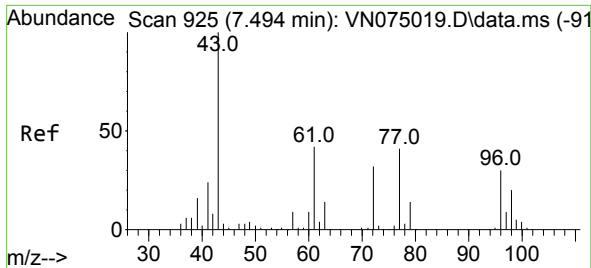
Tgt Ion: 43 Resp: 218503
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.156 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion: 63 Resp: 38693
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 3.9 2.4 7.2

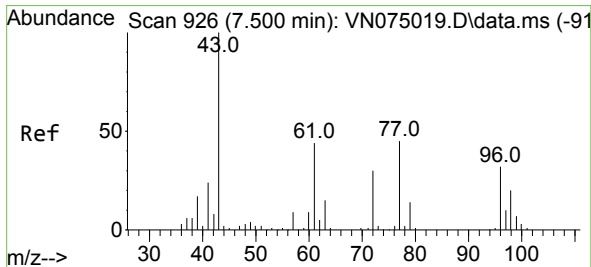
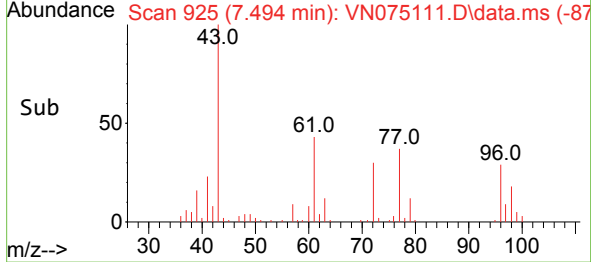
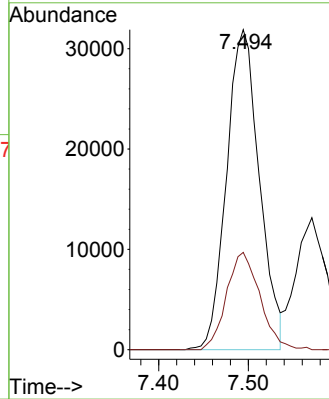
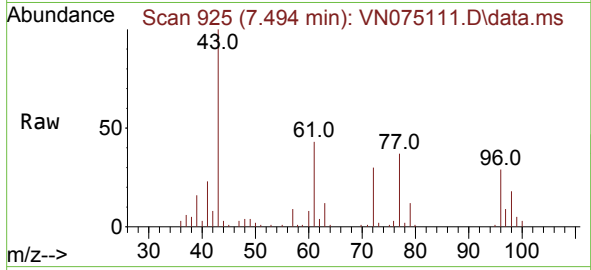




#25
2-Butanone
Concen: 106.710 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

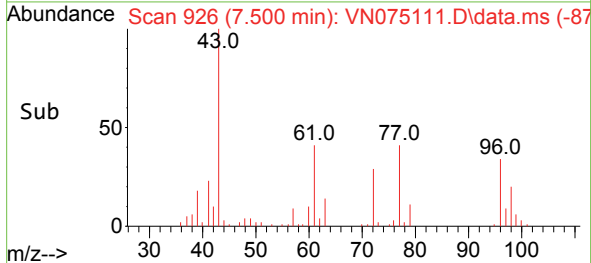
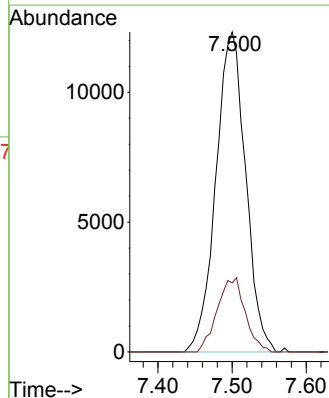
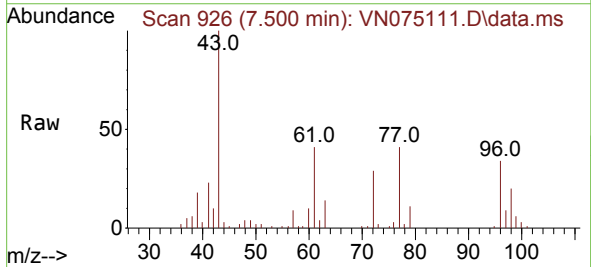
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

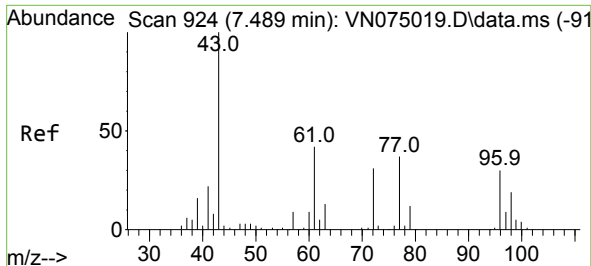
Tgt Ion: 43 Resp: 81049
Ion Ratio Lower Upper
43 100
72 30.4 25.5 38.3



#26
2,2-Dichloropropane
Concen: 20.394 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 77 Resp: 34313
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.644 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

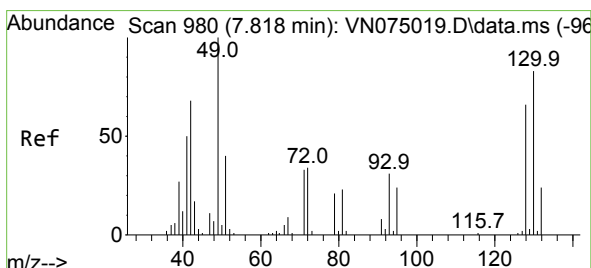
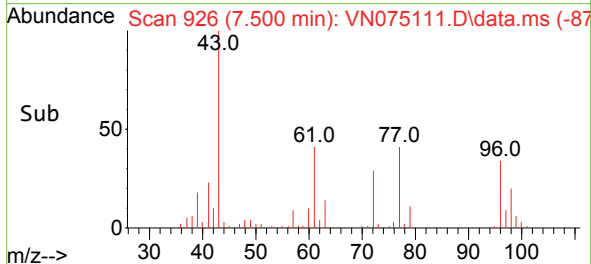
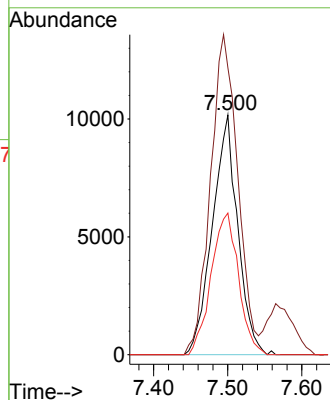
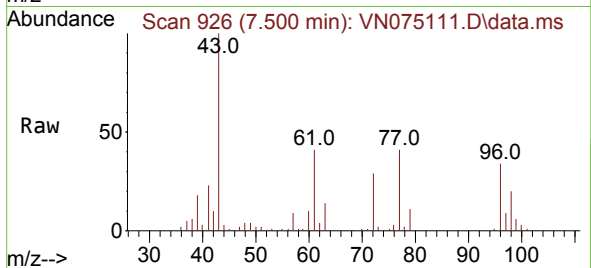
Tgt Ion: 96 Resp: 24218

Ion Ratio Lower Upper

96 100

61 143.5 0.0 278.8

98 63.8 0.0 128.4



#28

Bromochloromethane

Concen: 21.750 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.006 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

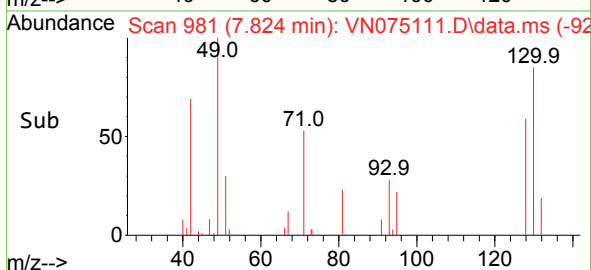
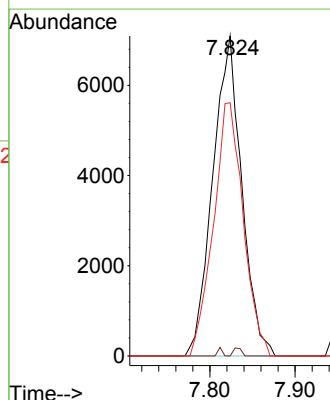
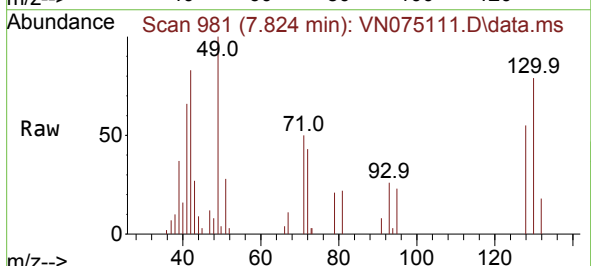
Tgt Ion: 49 Resp: 16769

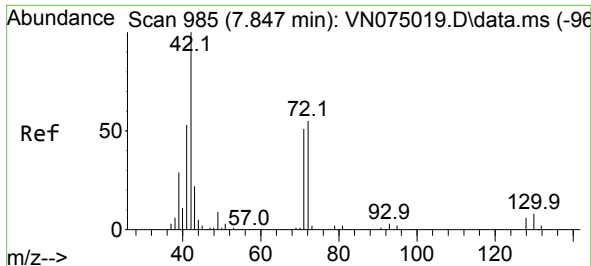
Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

130 81.3 66.2 99.4





#29

Tetrahydrofuran

Concen: 106.253 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

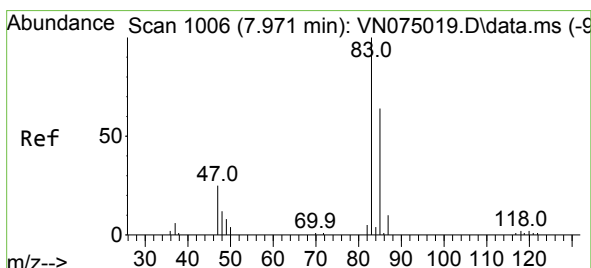
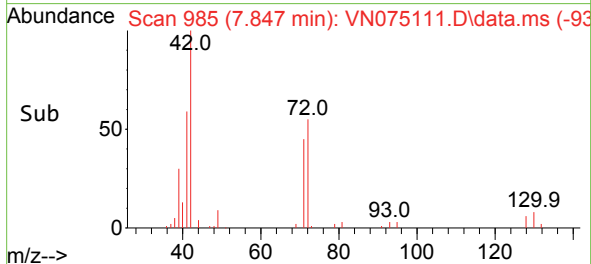
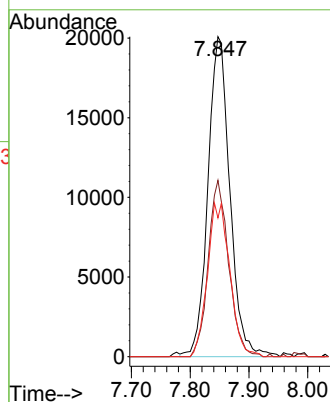
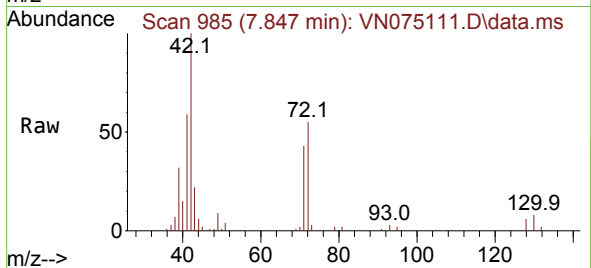
Tgt Ion: 42 Resp: 52149

Ion Ratio Lower Upper

42 100

72 51.5 43.0 64.6

71 49.0 39.9 59.9



#30

Chloroform

Concen: 21.092 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075111.D

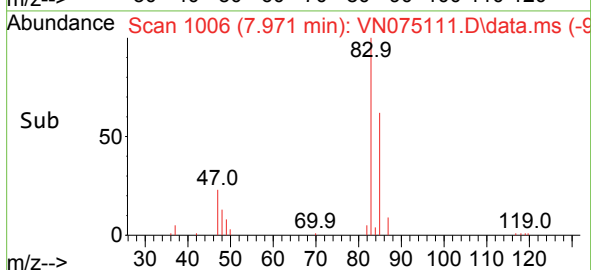
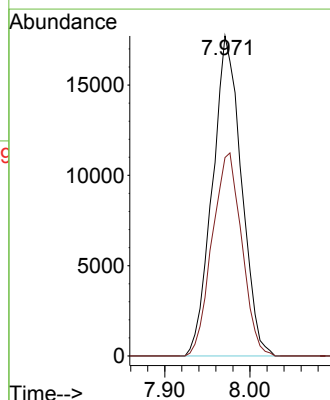
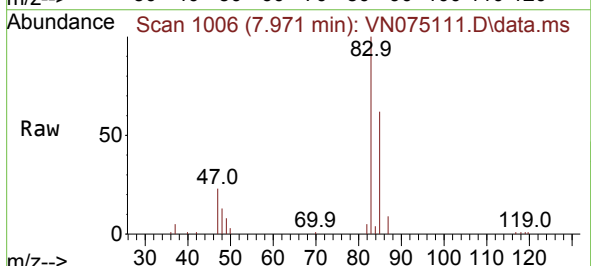
Acq: 02 Nov 2022 12:40

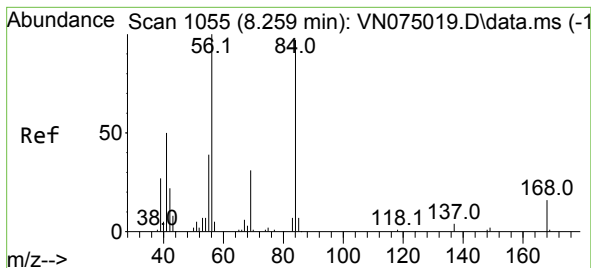
Tgt Ion: 83 Resp: 41882

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.0





#31

Cyclohexane

Concen: 20.794 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

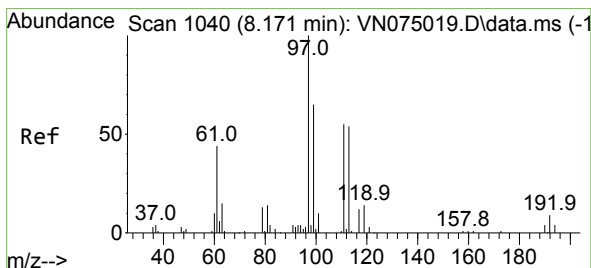
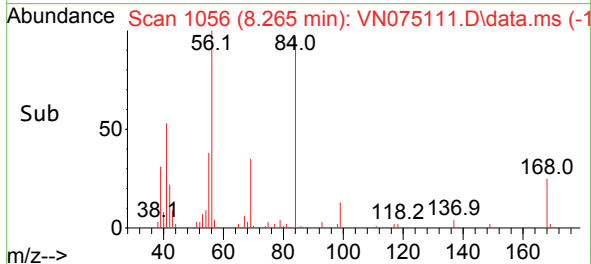
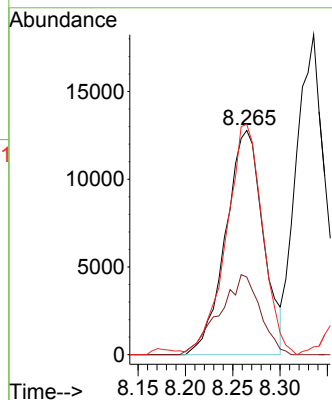
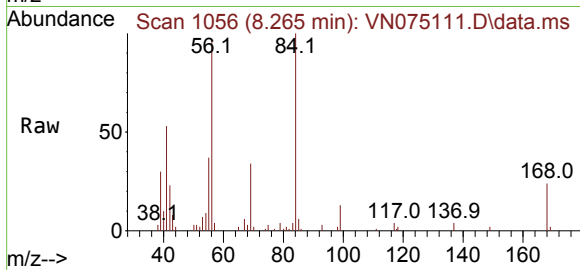
Tgt Ion: 56 Resp: 35269

Ion Ratio Lower Upper

56 100

69 34.6 25.2 37.8

84 101.0 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 20.820 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

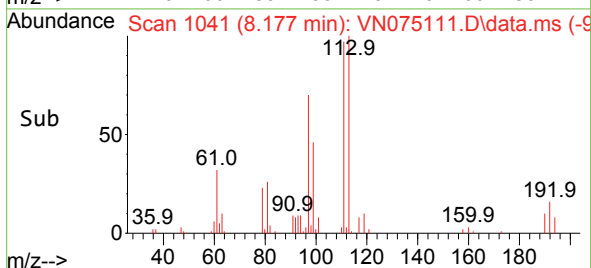
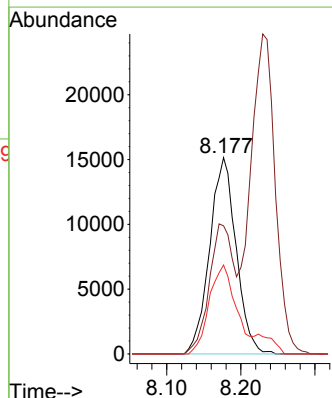
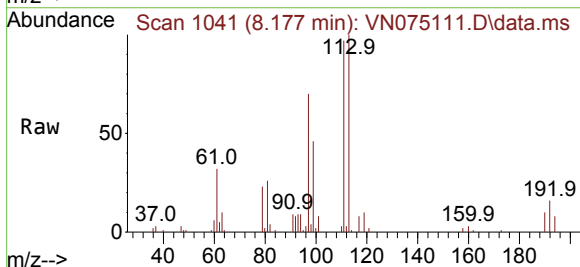
Tgt Ion: 97 Resp: 37544

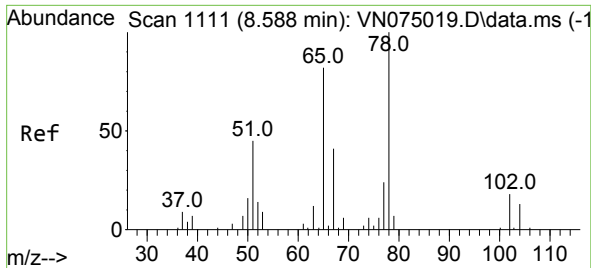
Ion Ratio Lower Upper

97 100

99 60.8 50.2 75.2

61 46.7 37.0 55.6

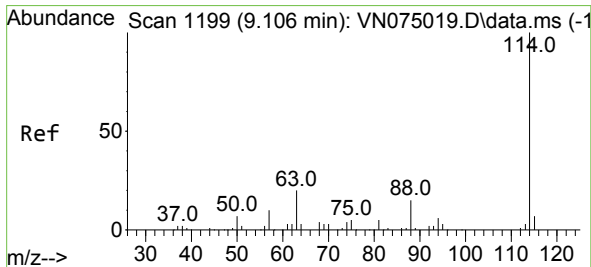
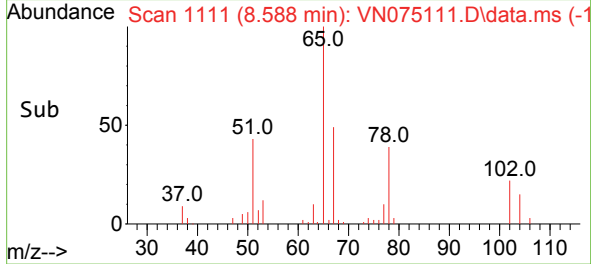
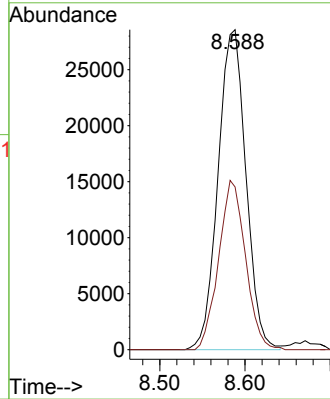
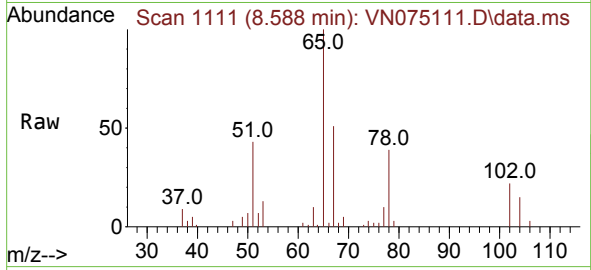




#33
 1,2-Dichloroethane-d4
 Concen: 56.899 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

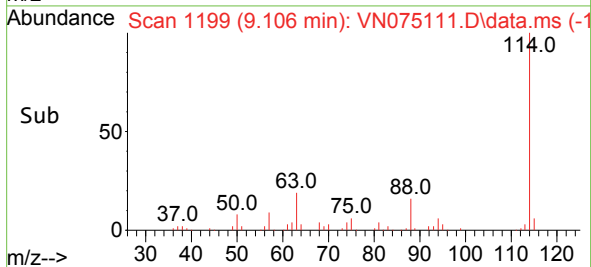
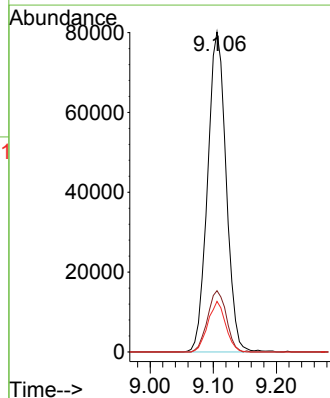
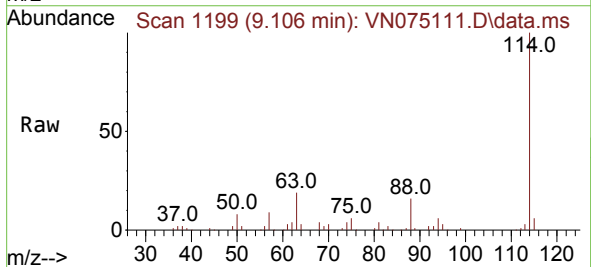
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

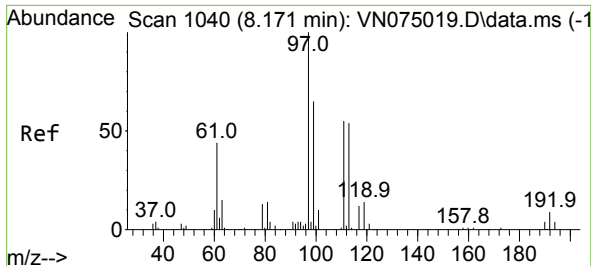
Tgt Ion: 65 Resp: 64889
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion: 114 Resp: 163356
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 15.8 0.0 29.0

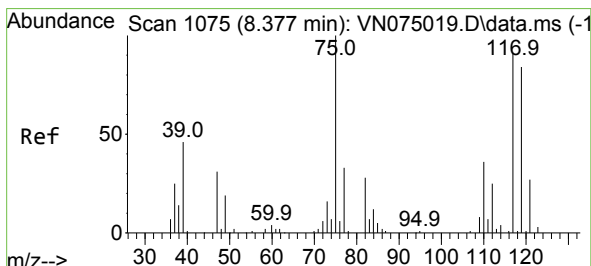
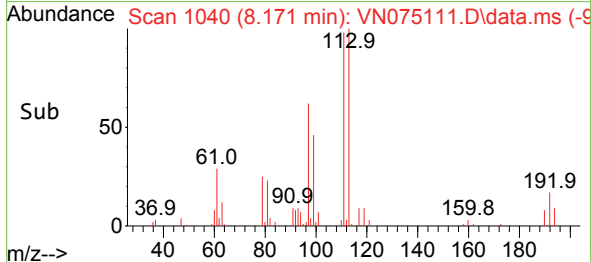
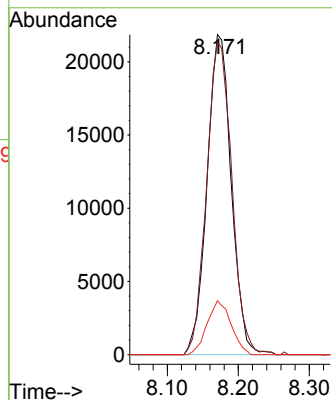
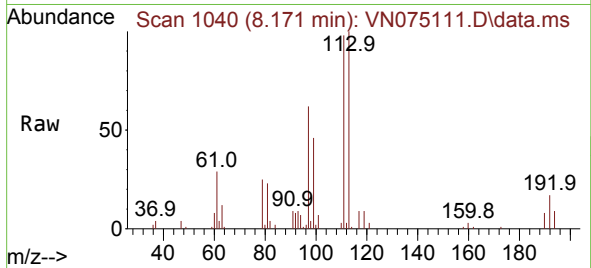




#35
Dibromofluoromethane
Concen: 54.001 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

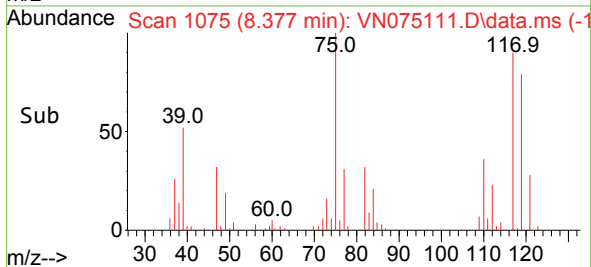
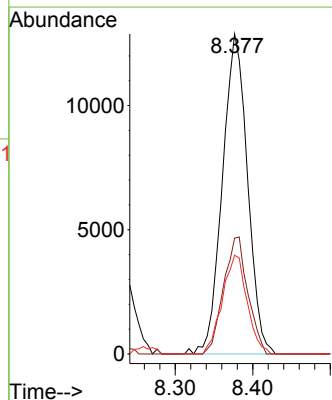
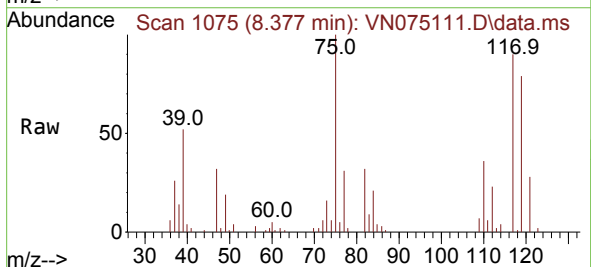
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

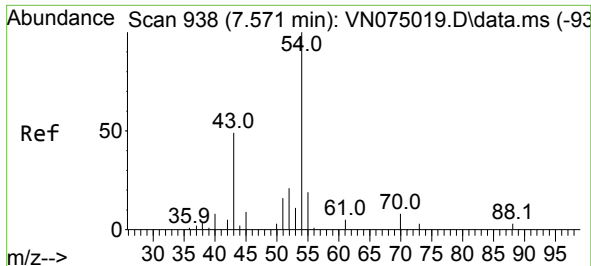
Tgt Ion:113 Resp: 51786
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 16.7 13.2 19.8



#36
1,1-Dichloropropene
Concen: 19.534 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 75 Resp: 29001
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 30.5 24.6 37.0

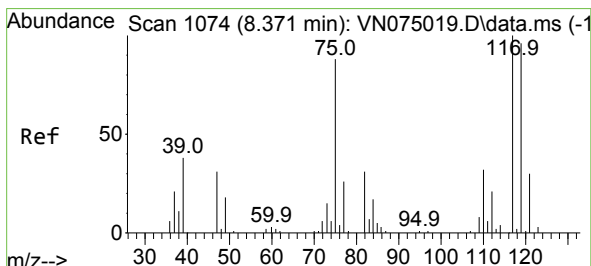
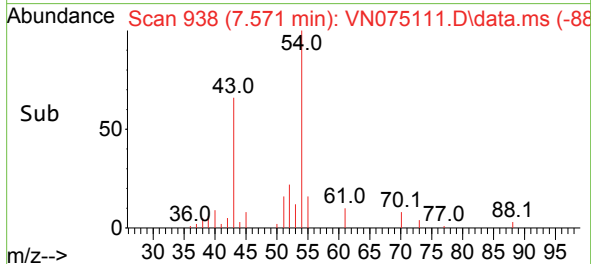
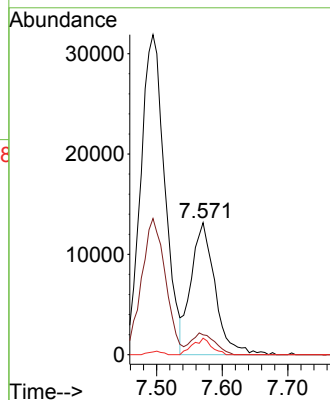
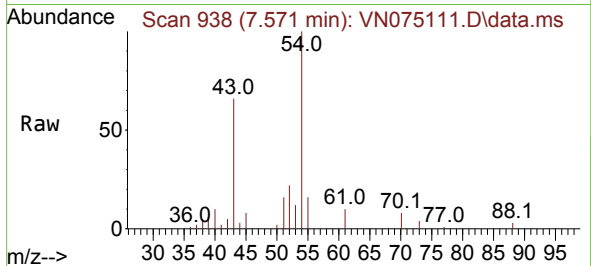




#37
Ethyl Acetate
Concen: 20.634 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

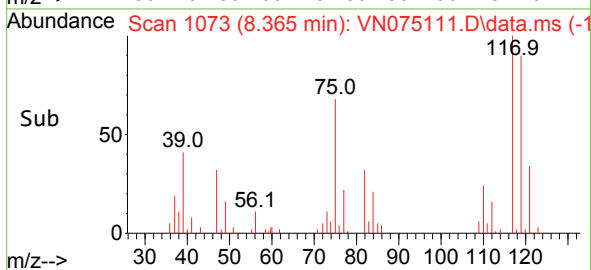
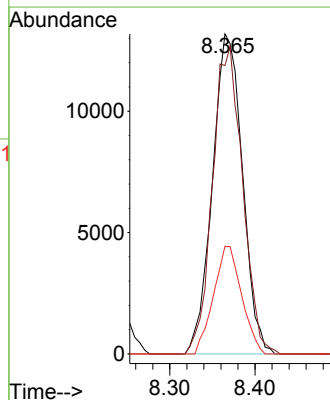
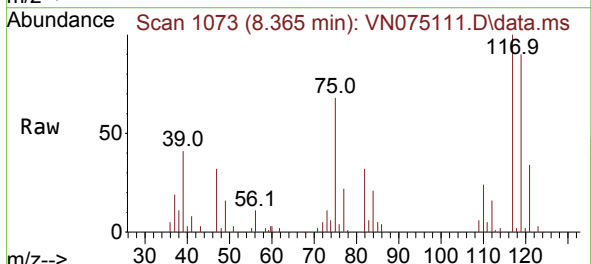
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

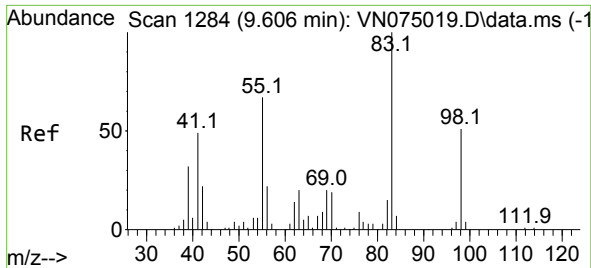
Tgt Ion: 43	Resp:	33596
Ion	Ratio	Lower Upper
43	100	
61	15.9	12.2 18.4
70	9.7	9.4 14.2



#38
Carbon Tetrachloride
Concen: 19.759 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 117	Resp:	32269
Ion	Ratio	Lower Upper
117	100	
119	90.2	76.7 115.1
121	33.7	23.9 35.9

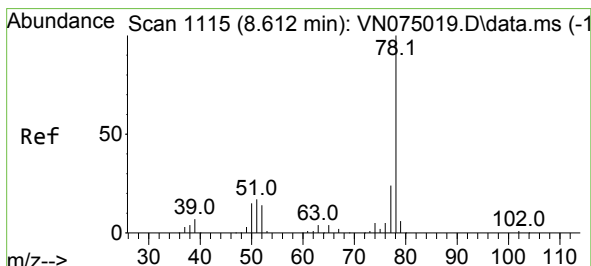
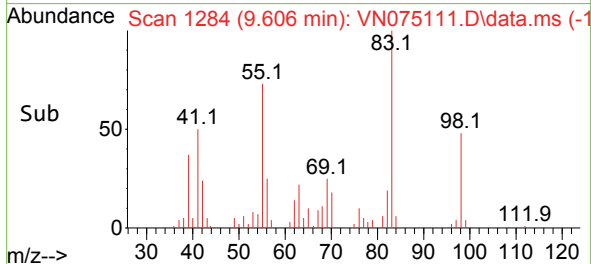
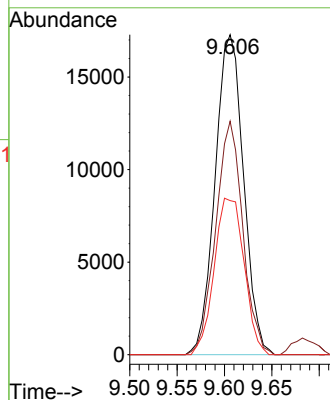
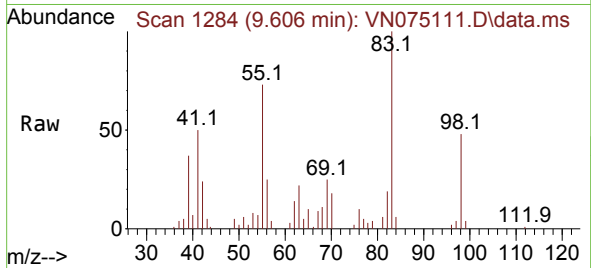




#39
Methylcyclohexane
Concen: 18.411 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

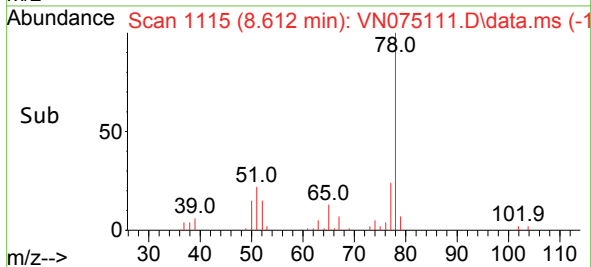
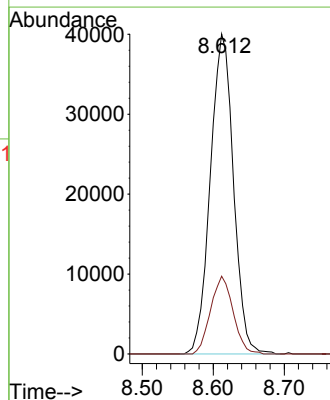
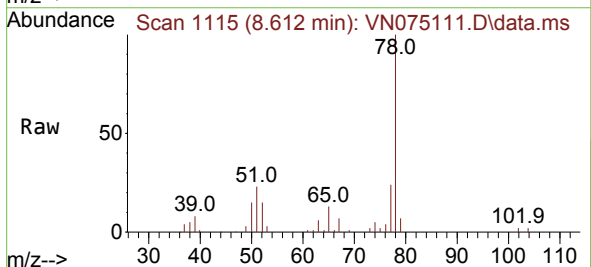
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

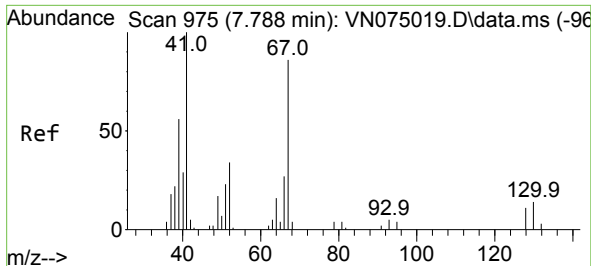
Tgt Ion: 83 Resp: 36086
Ion Ratio Lower Upper
83 100
55 73.0 53.6 80.4
98 48.2 41.1 61.7



#40
Benzene
Concen: 19.936 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 78 Resp: 90628
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

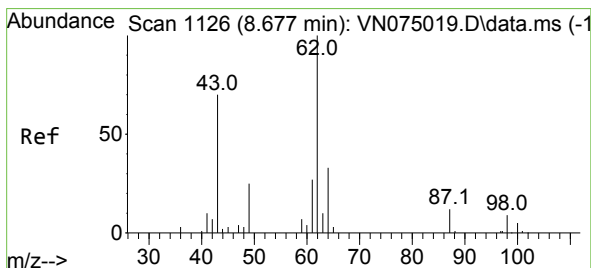
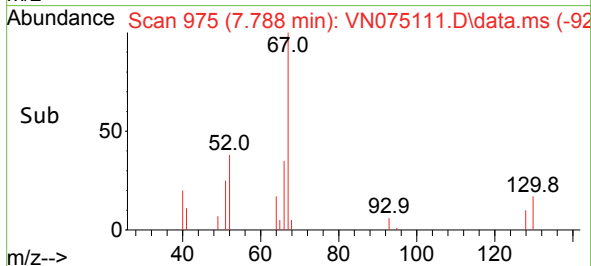
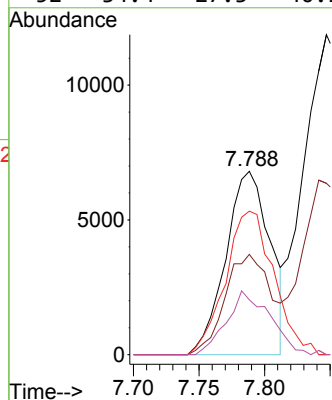
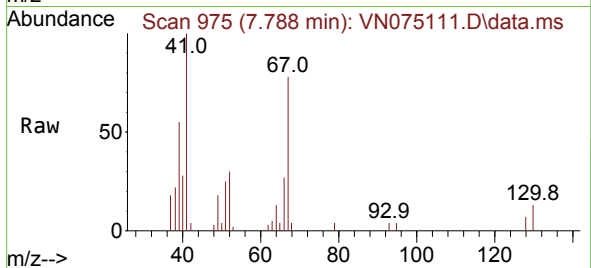




#41
Methacrylonitrile
Concen: 20.502 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

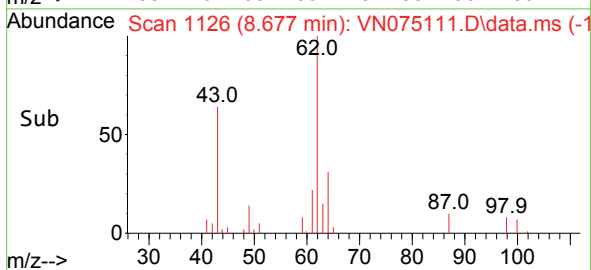
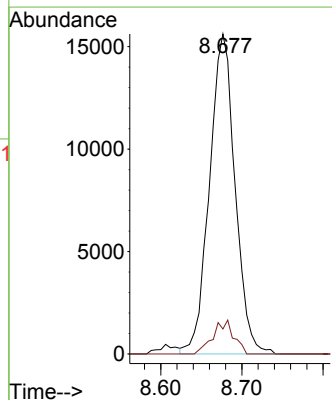
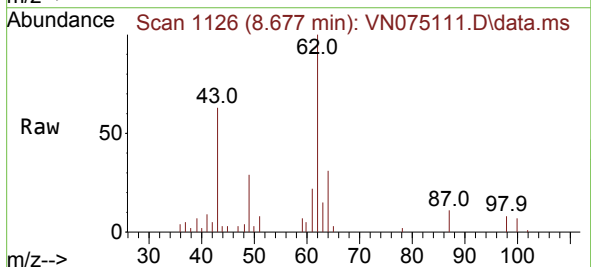
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

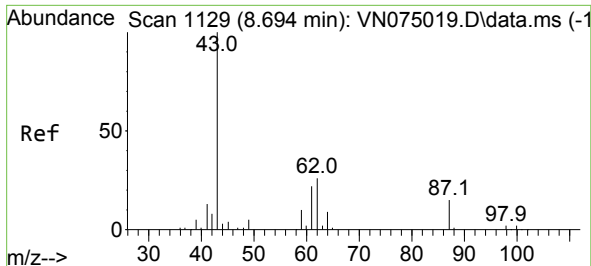
Tgt Ion:	41	Resp:	15993
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.4	66.6
67	85.5	69.8	104.6
52	34.4	27.3	40.9



#42
1,2-Dichloroethane
Concen: 20.692 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:	62	Resp:	34221
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

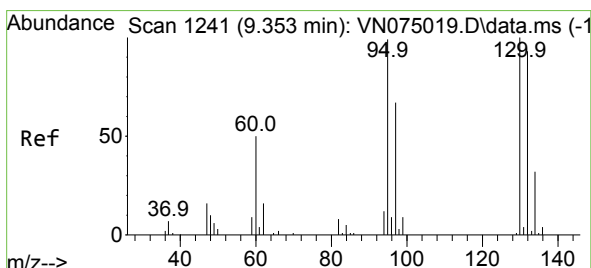
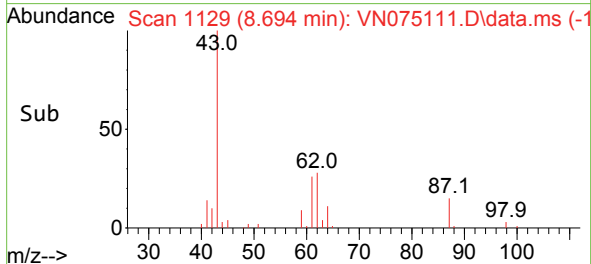
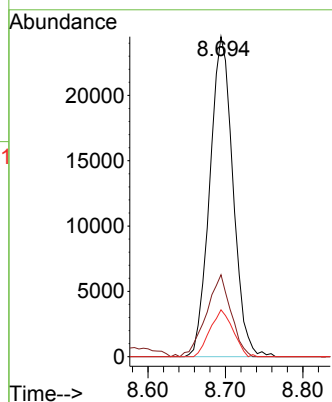
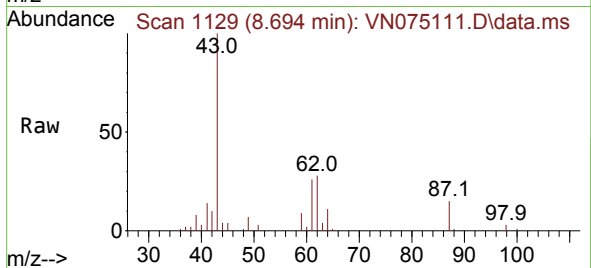




#43
Isopropyl Acetate
Concen: 20.136 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

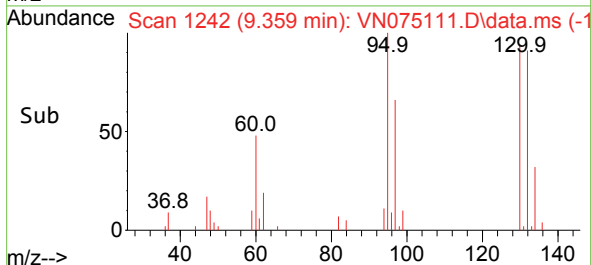
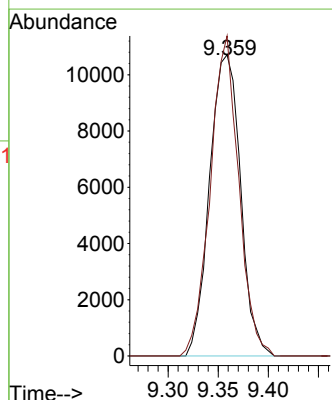
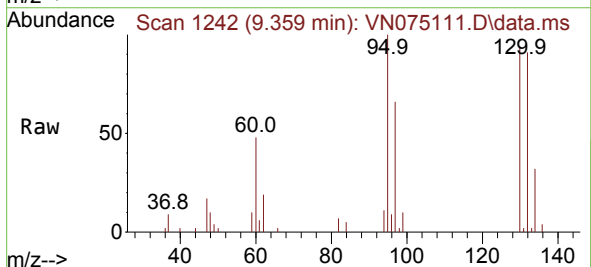
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

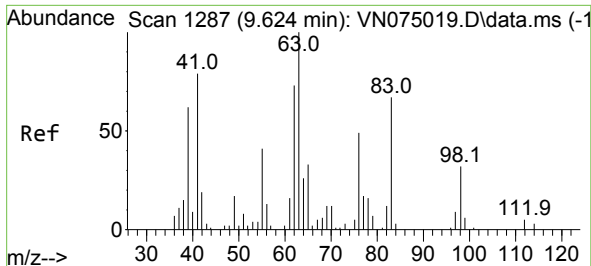
Tgt Ion: 43 Resp: 50855
Ion Ratio Lower Upper
43 100
61 27.3 22.4 33.6
87 14.5 12.5 18.7



#44
Trichloroethene
Concen: 20.133 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 130 Resp: 22962
Ion Ratio Lower Upper
130 100
95 106.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.350 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

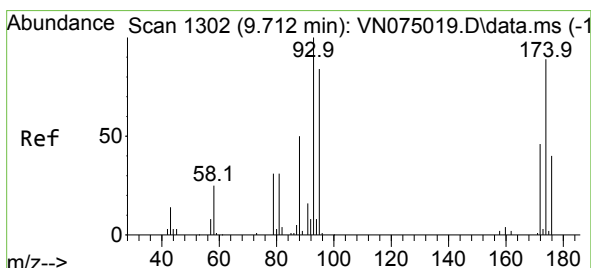
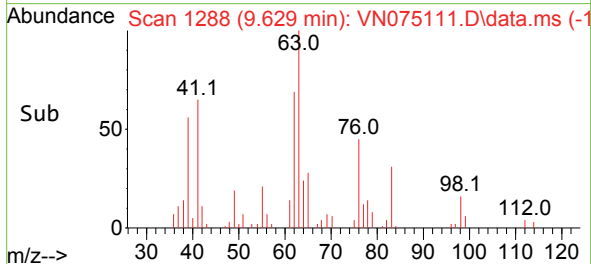
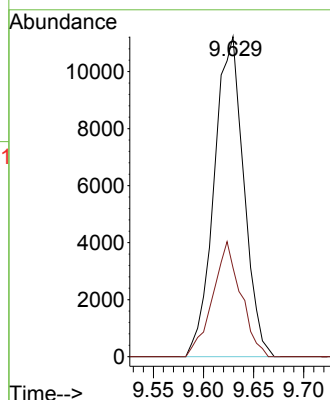
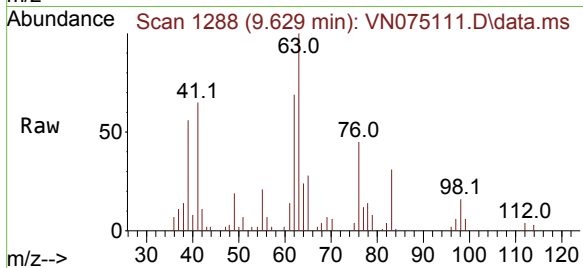
VN1102WBS01

Tgt Ion: 63 Resp: 23097

Ion Ratio Lower Upper

63 100

65 27.8 26.1 39.1



#46

Dibromomethane

Concen: 19.699 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

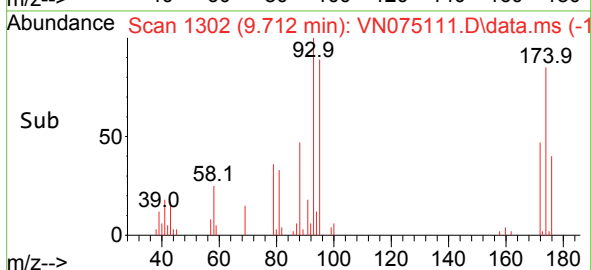
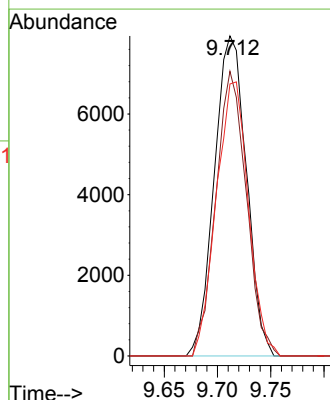
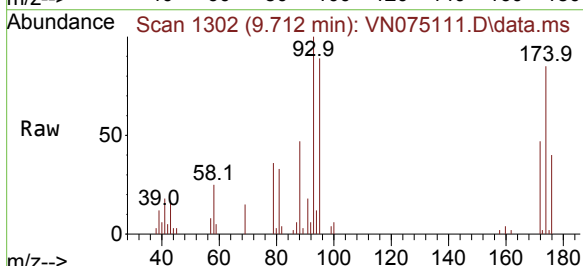
Tgt Ion: 93 Resp: 16603

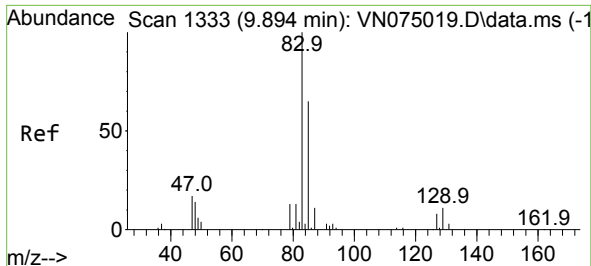
Ion Ratio Lower Upper

93 100

95 84.8 66.6 99.8

174 85.7 70.3 105.5

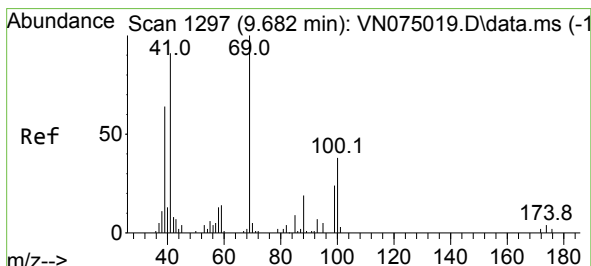
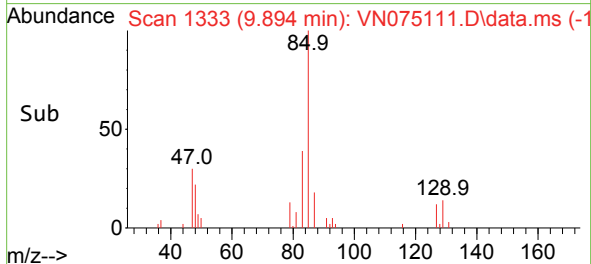
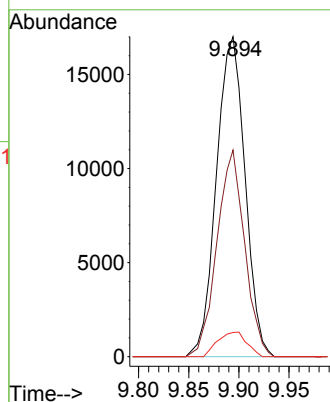
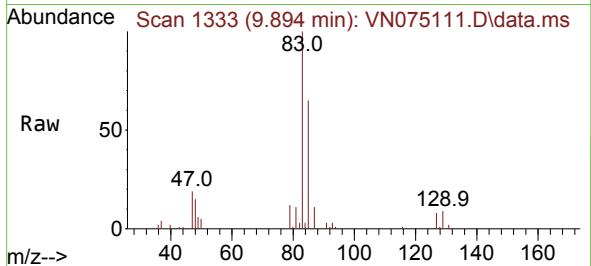




#47
Bromodichloromethane
Concen: 20.636 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

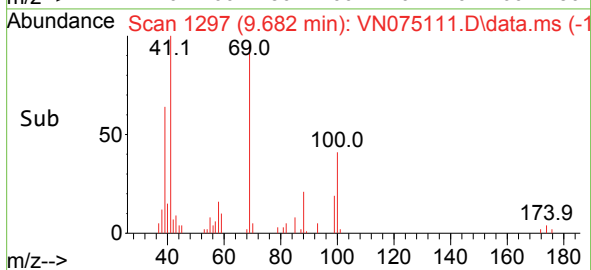
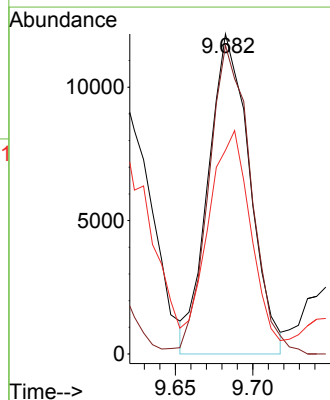
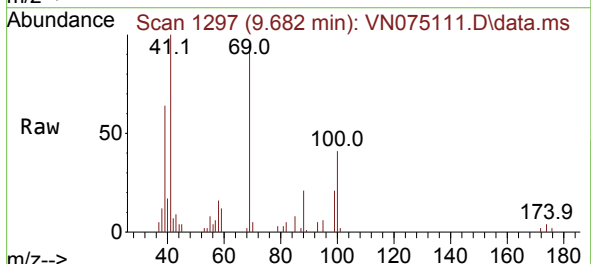
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

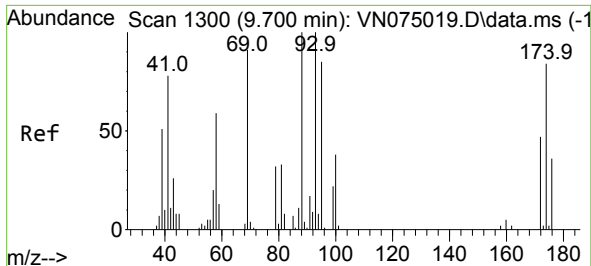
Tgt Ion: 83 Resp: 33681
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1
127 7.5 6.6 10.0



#48
Methyl methacrylate
Concen: 19.206 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 41 Resp: 22251
Ion Ratio Lower Upper
41 100
69 98.8 80.2 120.2
39 72.9 56.2 84.2

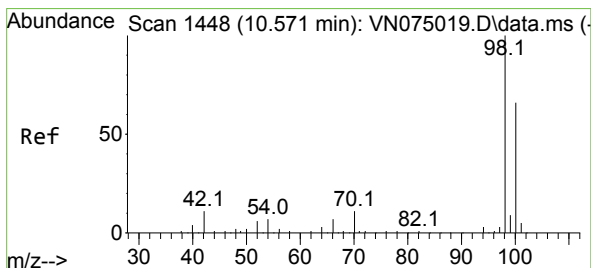
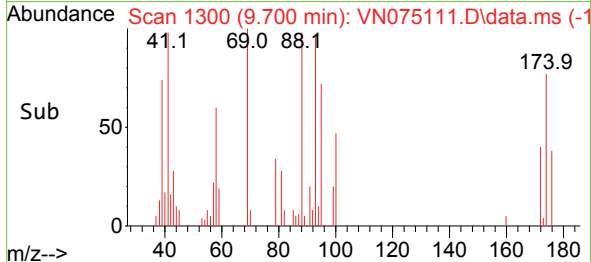
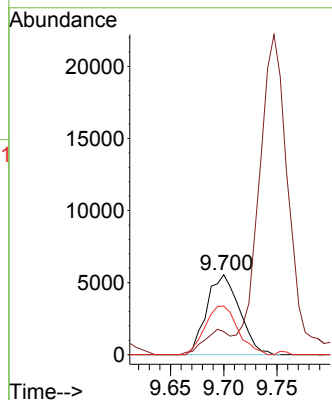
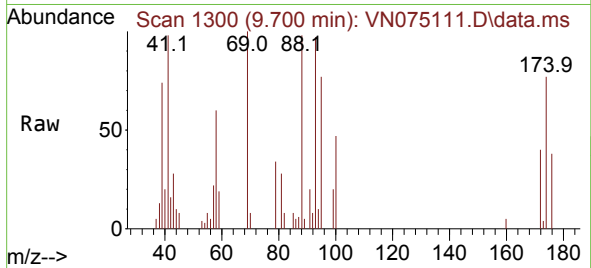




#49
1,4-Dioxane
Concen: 390.380 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

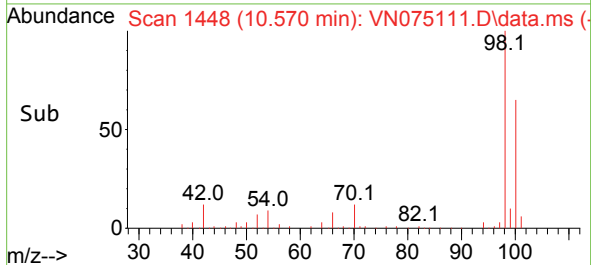
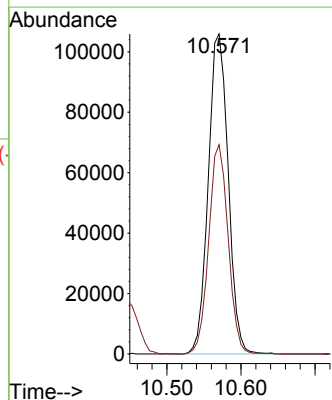
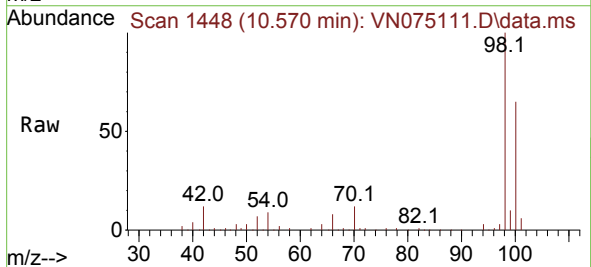
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

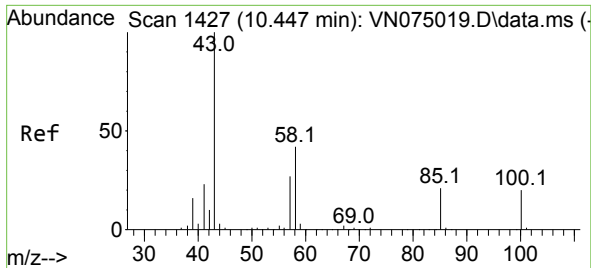
Tgt Ion: 88 Resp: 11843
Ion Ratio Lower Upper
88 100
43 24.4 17.5 26.3
58 60.9 49.8 74.8



#50
Toluene-d8
Concen: 53.267 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 98 Resp: 198183
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.6

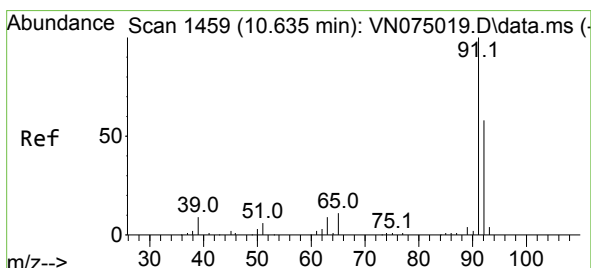
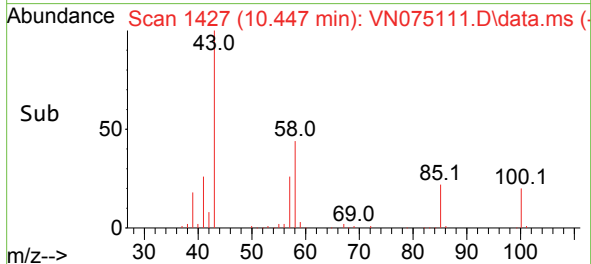
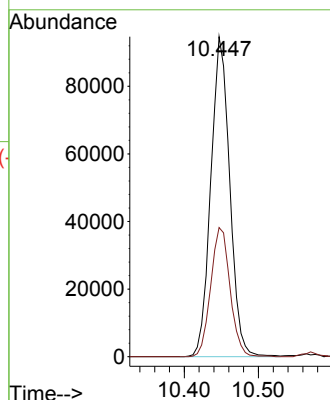
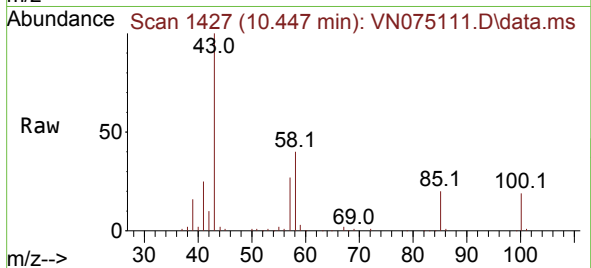




#51
4-Methyl-2-Pentanone
Concen: 103.096 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

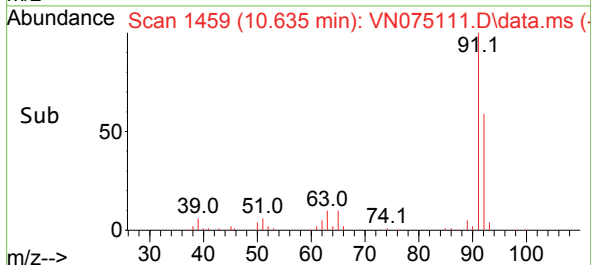
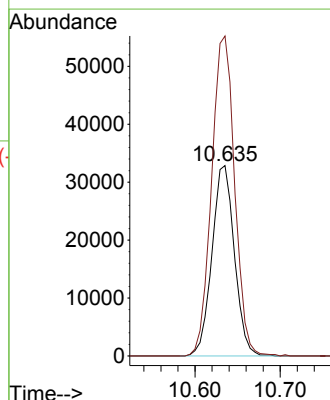
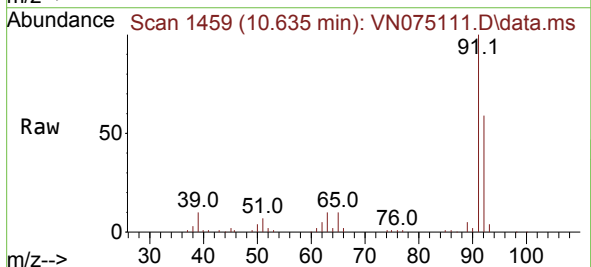
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

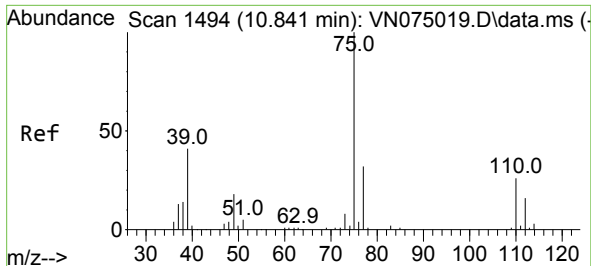
Tgt Ion: 43 Resp: 168022
Ion Ratio Lower Upper
43 100
58 41.2 33.6 50.4



#52
Toluene
Concen: 19.819 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 92 Resp: 60226
Ion Ratio Lower Upper
92 100
91 172.8 135.4 203.2

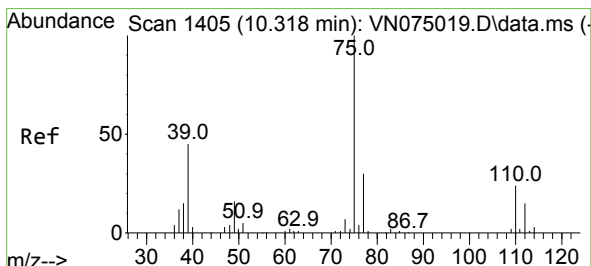
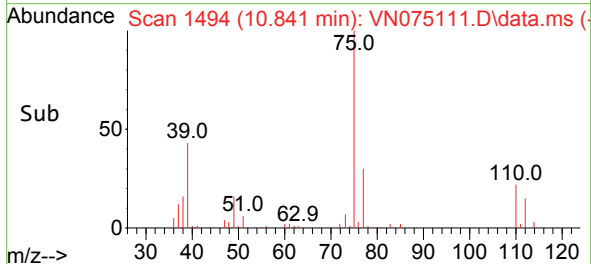
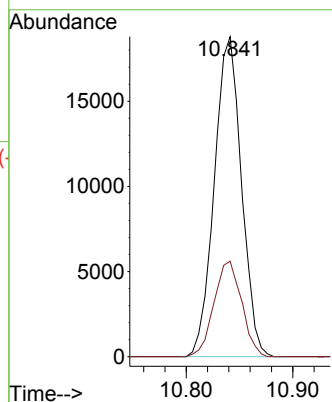
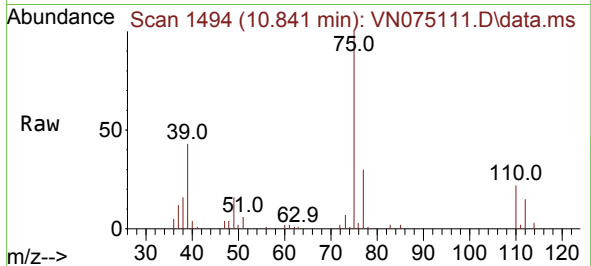




#53
 t-1,3-Dichloropropene
 Concen: 19.280 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

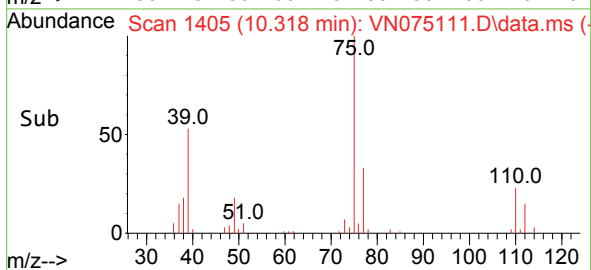
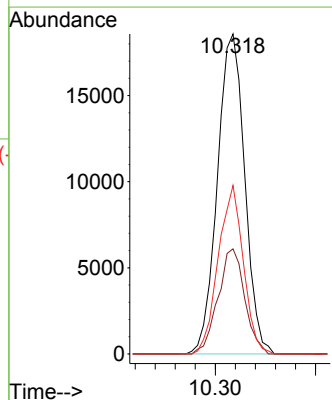
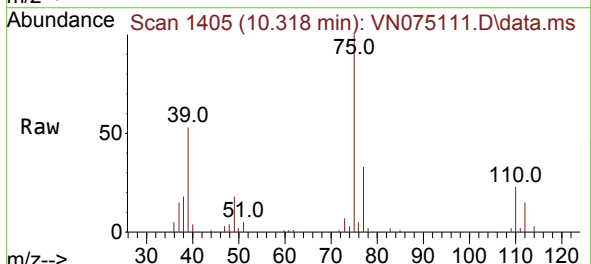
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

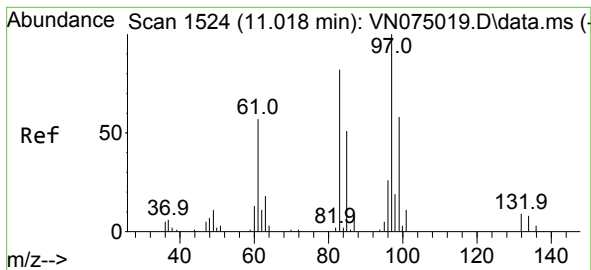
Tgt Ion: 75 Resp: 33215
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.204 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion: 75 Resp: 35090
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.7 35.5
 39 52.6 35.8 53.6

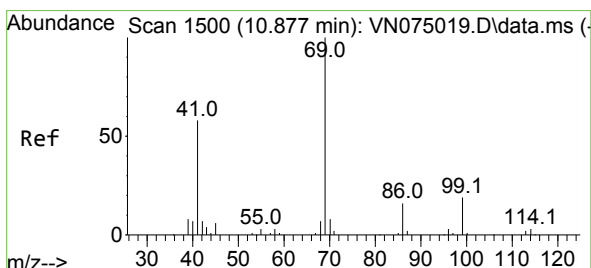
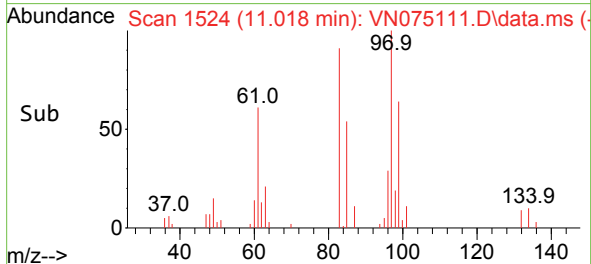
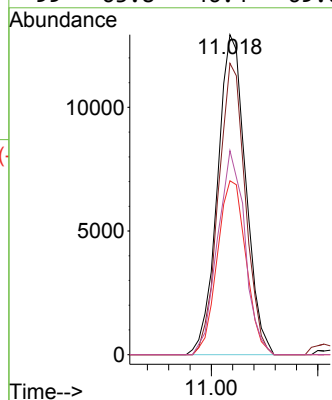
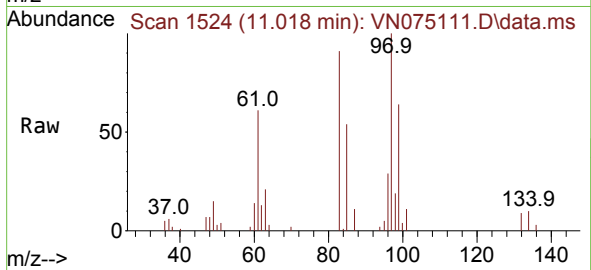




#55
 1,1,2-Trichloroethane
 Concen: 19.736 ug/l
 RT: 11.018 min Scan# 1100
 Delta R.T. -0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

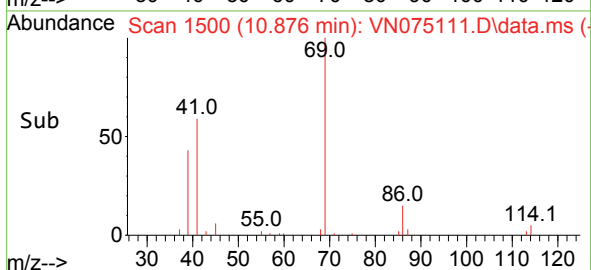
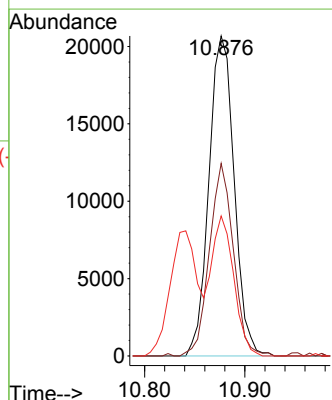
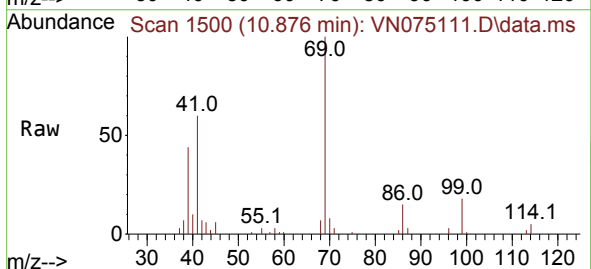
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

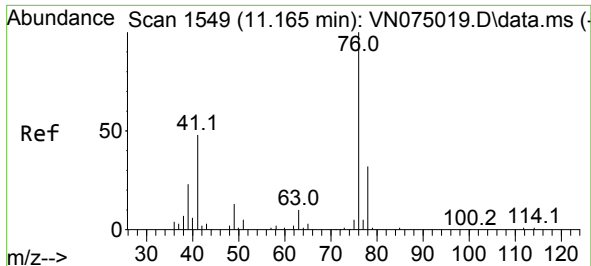
Tgt Ion:	97	Resp:	23780
Ion	Ratio	Lower	Upper
97	100		
83	91.1	65.9	98.9
85	54.4	40.4	60.6
99	63.8	46.4	69.6



#56
 Ethyl methacrylate
 Concen: 19.644 ug/l
 RT: 10.876 min Scan# 1500
 Delta R.T. -0.001 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion:	69	Resp:	36104
Ion	Ratio	Lower	Upper
69	100		
41	57.3	45.6	68.4
39	38.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.385 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

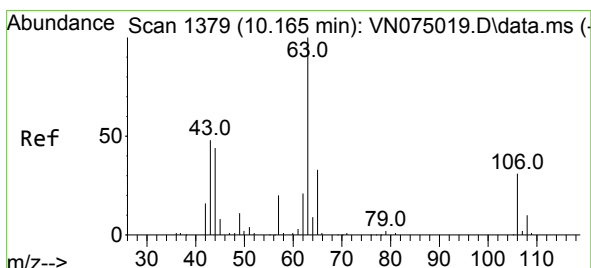
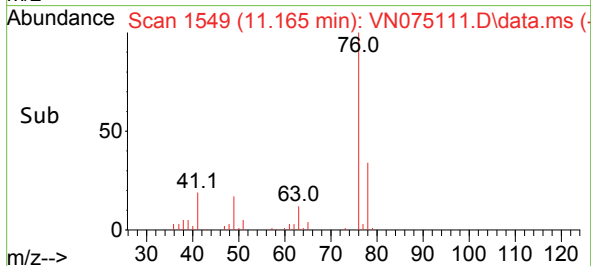
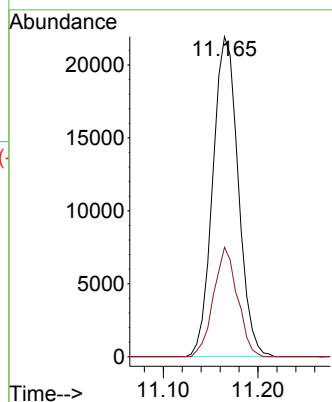
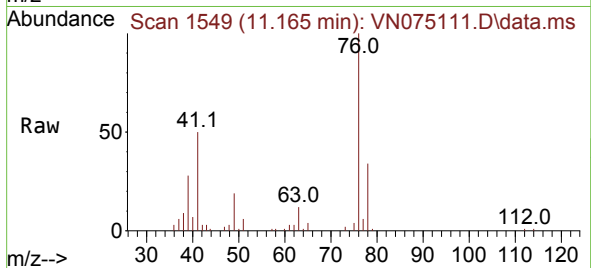
VN1102WBS01

Tgt Ion: 76 Resp: 40904

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.284 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075111.D

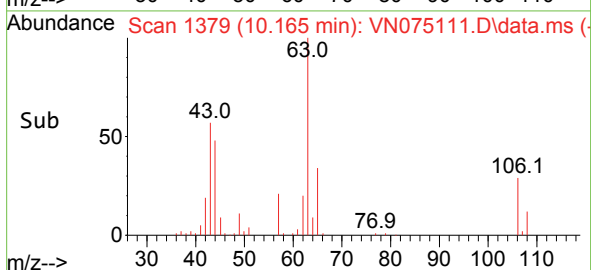
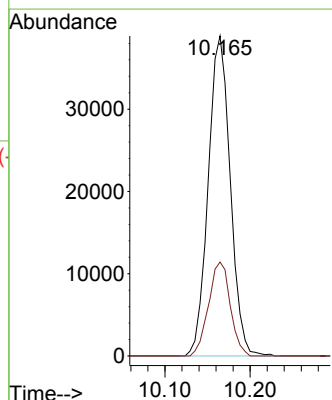
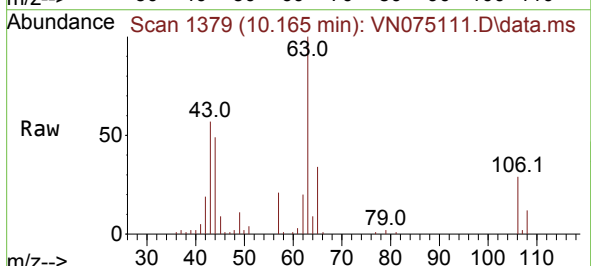
Acq: 02 Nov 2022 12:40

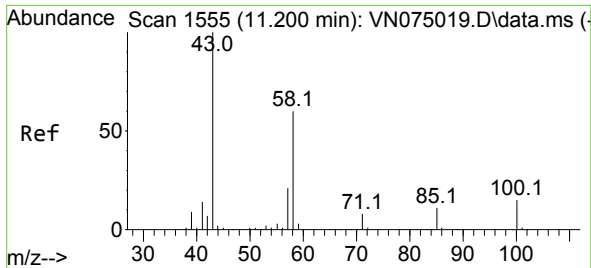
Tgt Ion: 63 Resp: 69834

Ion Ratio Lower Upper

63 100

106 28.9 24.8 37.2

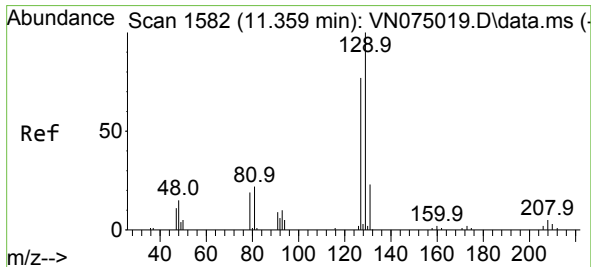
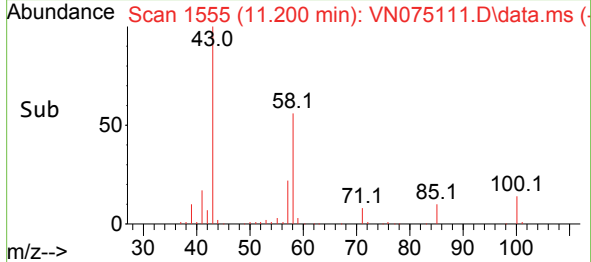
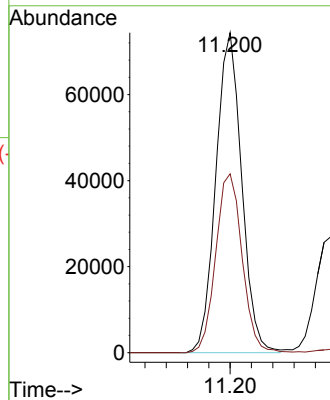
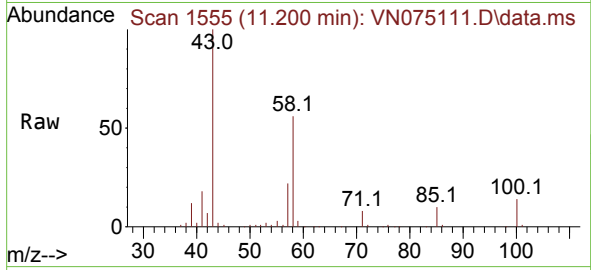




#59
2-Hexanone
Concen: 101.054 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

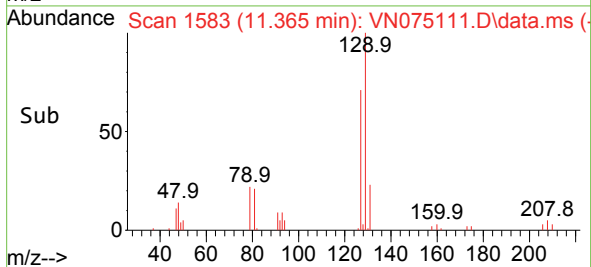
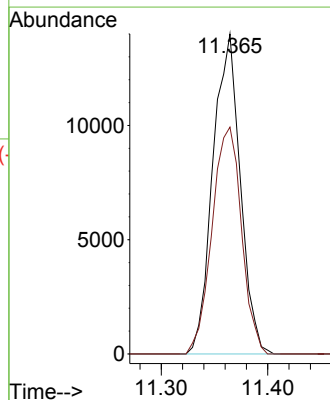
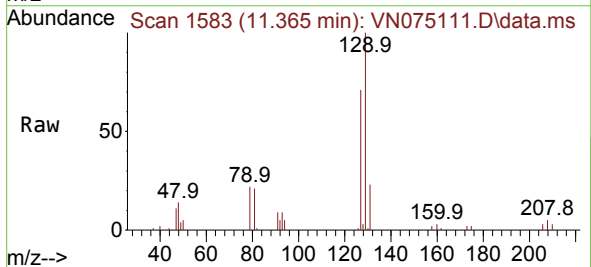
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

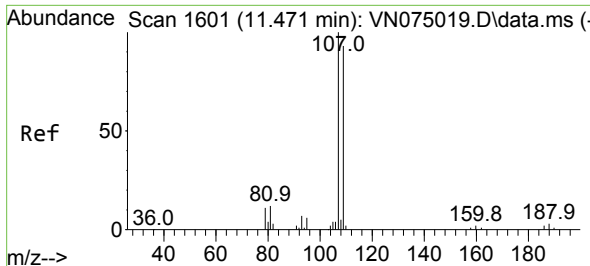
Tgt Ion: 43 Resp: 124997
Ion Ratio Lower Upper
43 100
58 57.0 29.6 88.8



#60
Dibromochloromethane
Concen: 19.633 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 129 Resp: 24958
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8

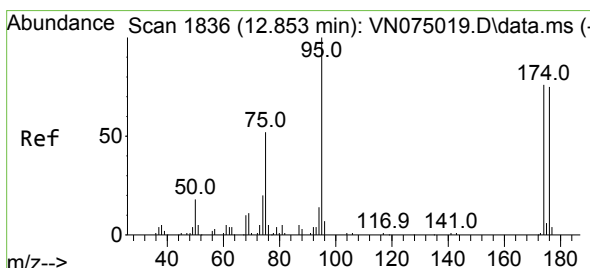
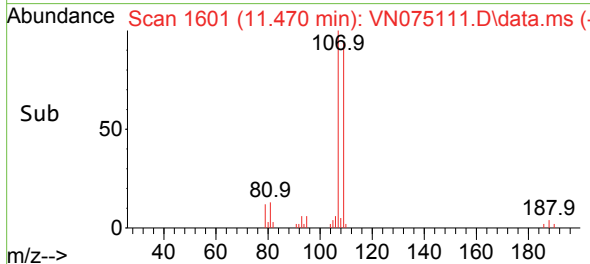
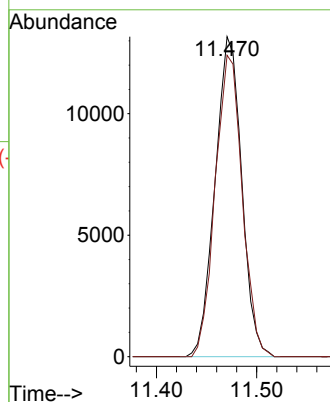
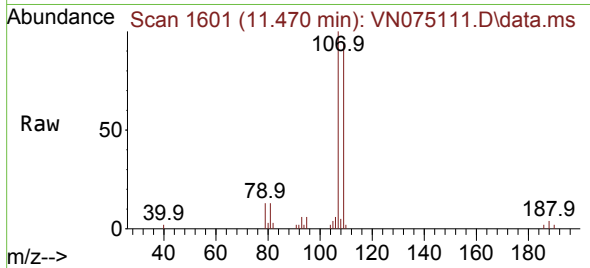




#61
1,2-Dibromoethane
Concen: 19.624 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

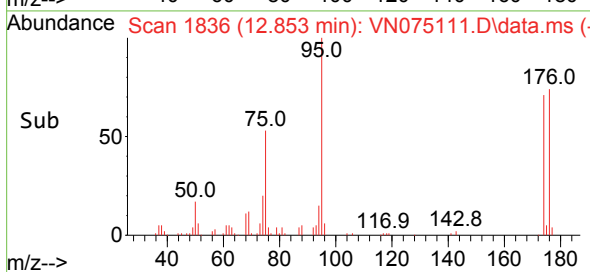
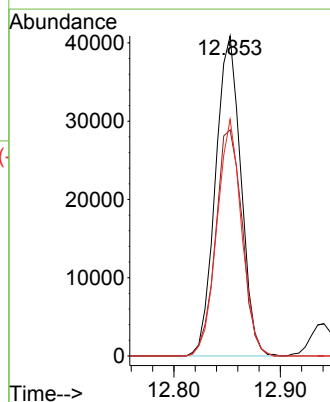
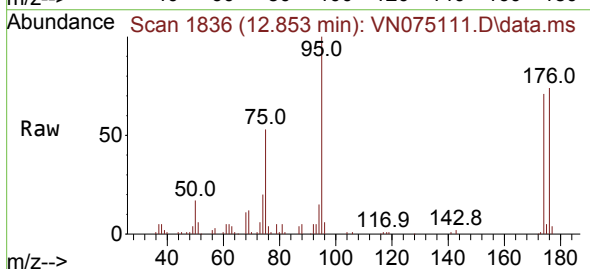
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

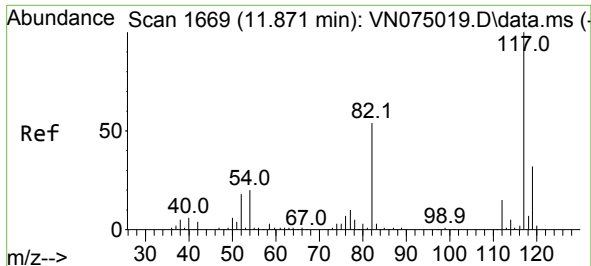
Tgt Ion:107 Resp: 24232
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.814 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 95 Resp: 67719
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.9 0.0 142.2

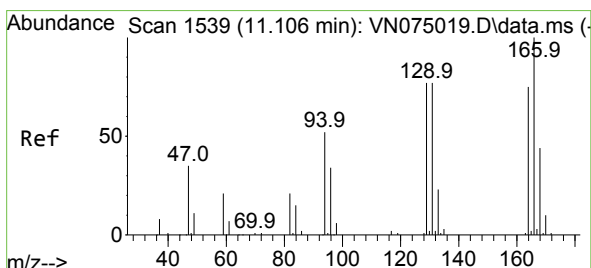
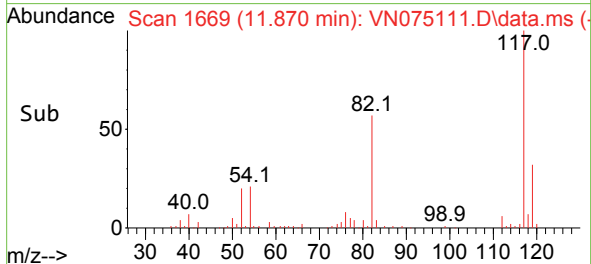
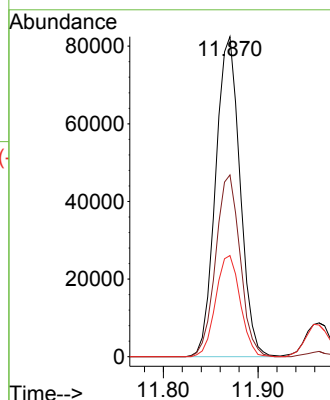
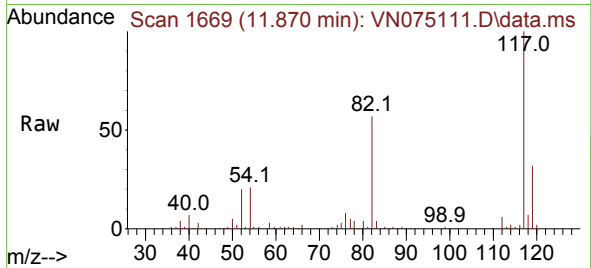




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

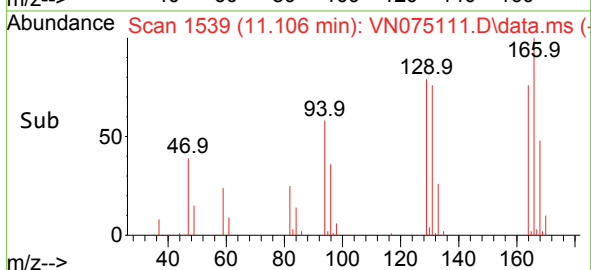
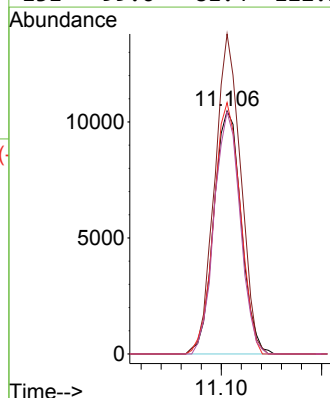
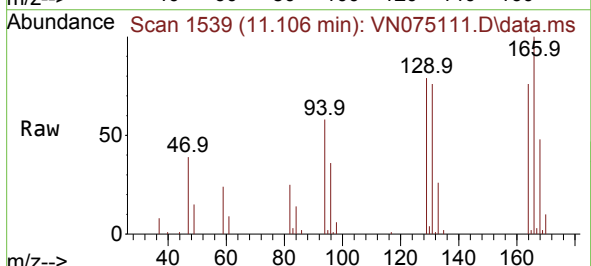
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

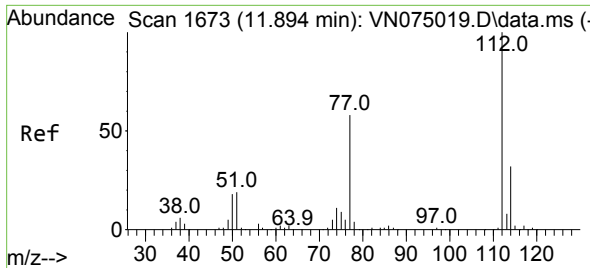
Tgt Ion:117 Resp: 147588
Ion Ratio Lower Upper
117 100
82 56.8 43.1 64.7
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 21.879 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:164 Resp: 19797
Ion Ratio Lower Upper
164 100
166 131.7 106.5 159.7
129 103.4 81.9 122.9
131 99.6 81.4 122.2

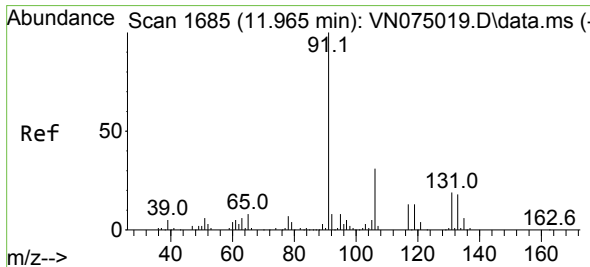
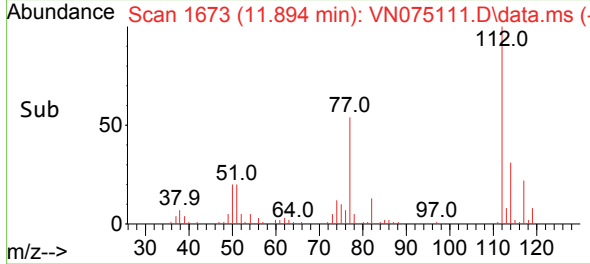
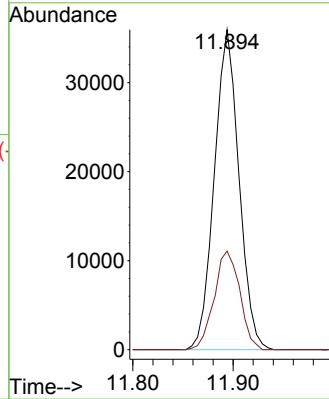
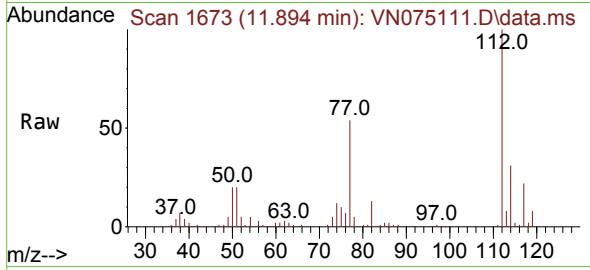




#65
Chlorobenzene
Concen: 19.429 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

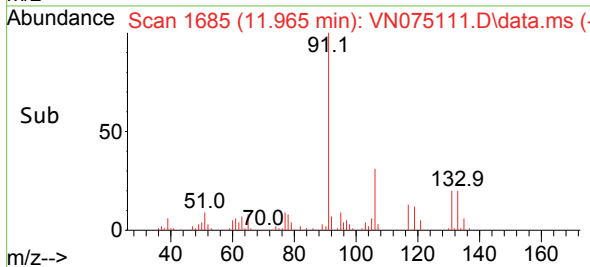
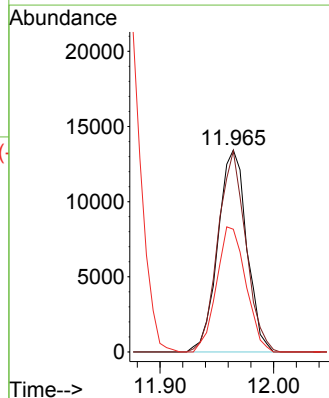
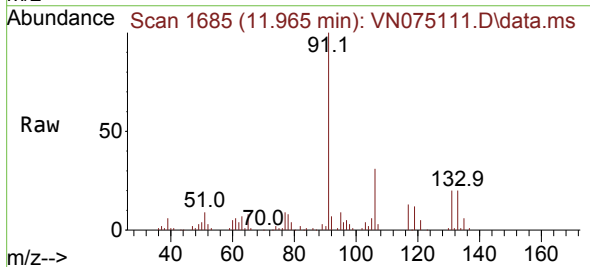
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

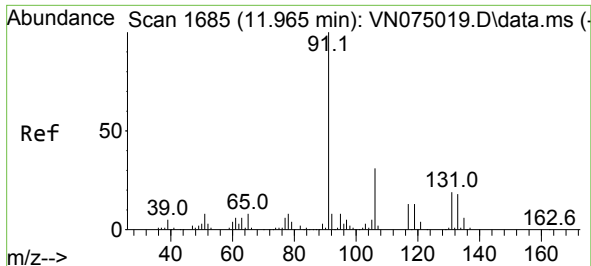
Tgt Ion:112 Resp: 61207
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.255 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:131 Resp: 23671
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 62.9 33.0 99.0

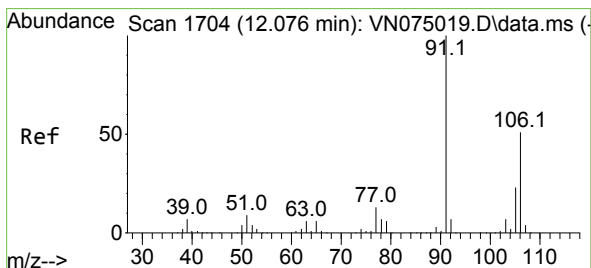
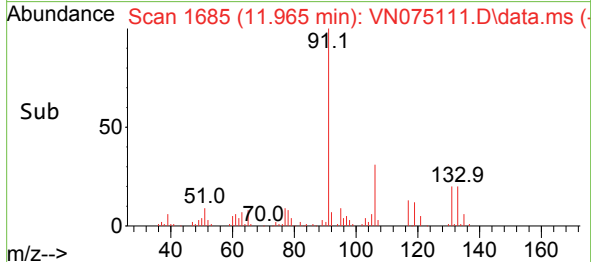
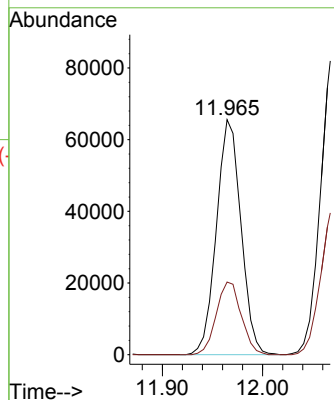
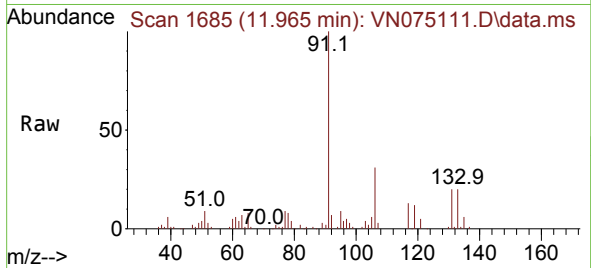




#67
Ethyl Benzene
Concen: 19.636 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

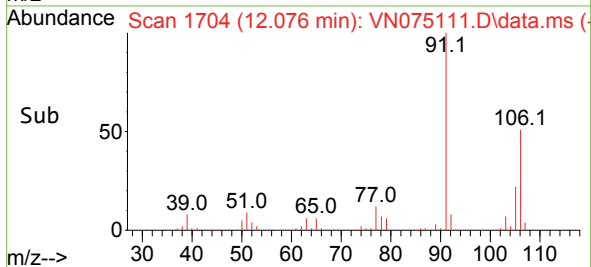
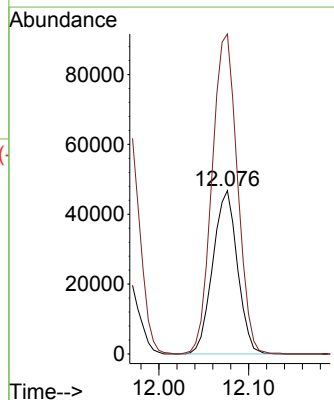
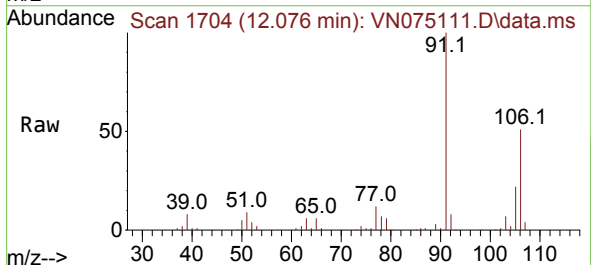
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

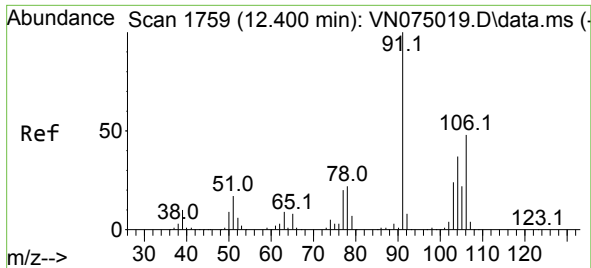
Tgt Ion: 91 Resp: 111292
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 39.140 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:106 Resp: 89013
Ion Ratio Lower Upper
106 100
91 201.9 156.0 234.0

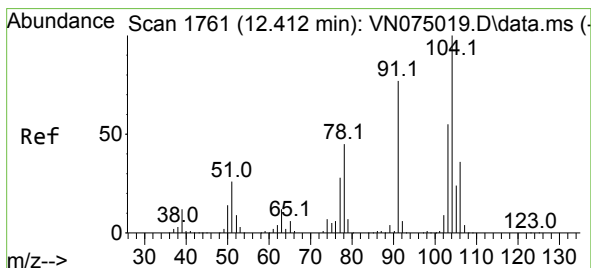
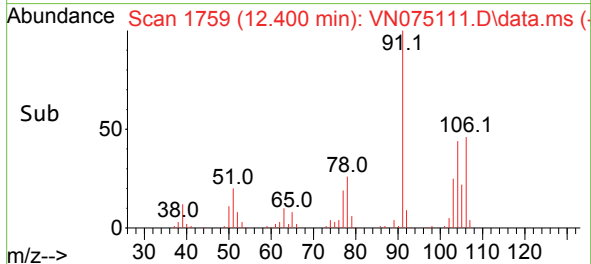
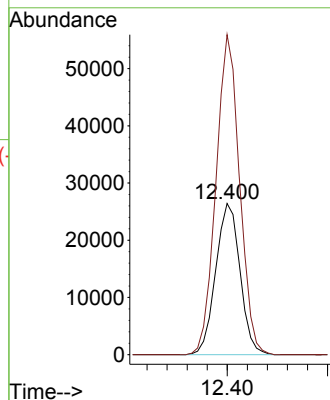
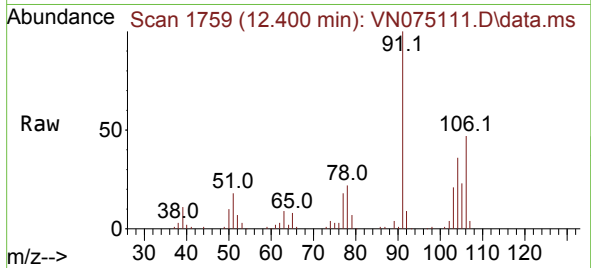




#69
o-Xylene
Concen: 19.710 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

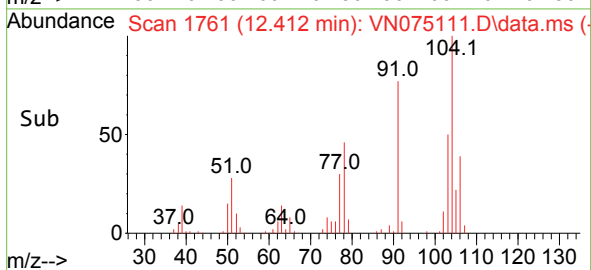
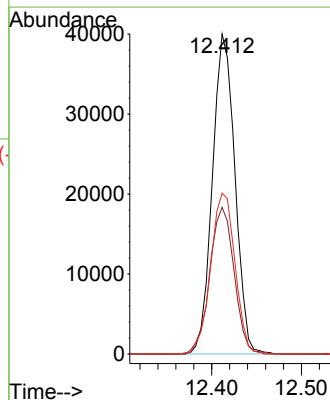
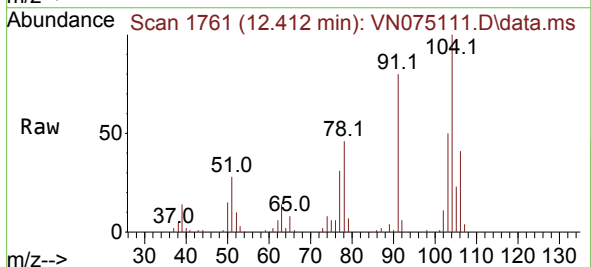
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

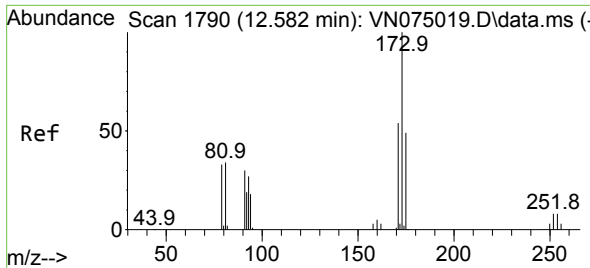
Tgt Ion:106 Resp: 44330
Ion Ratio Lower Upper
106 100
91 205.8 105.2 315.5



#70
Styrene
Concen: 19.446 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:104 Resp: 69735
Ion Ratio Lower Upper
104 100
78 49.4 38.1 57.1
103 54.4 44.6 66.8

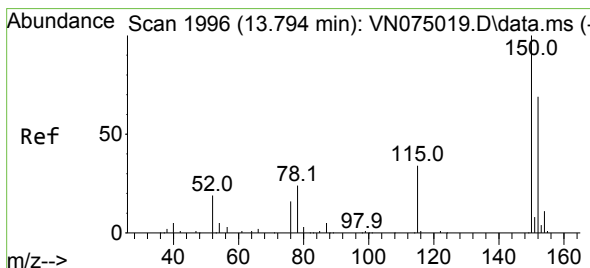
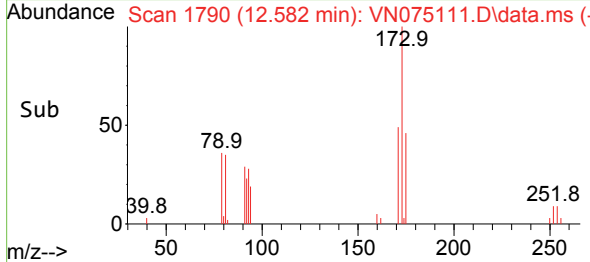
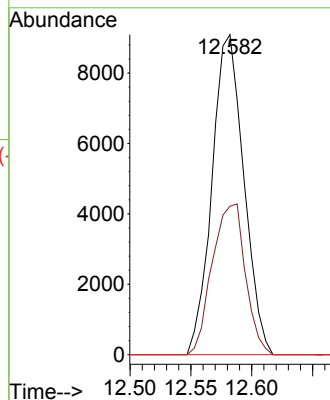
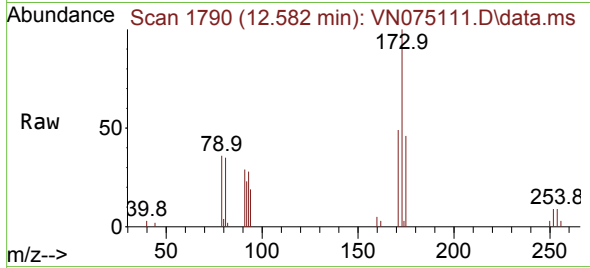




#71
Bromoform
Concen: 18.882 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

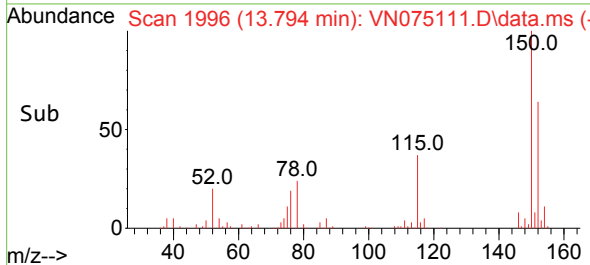
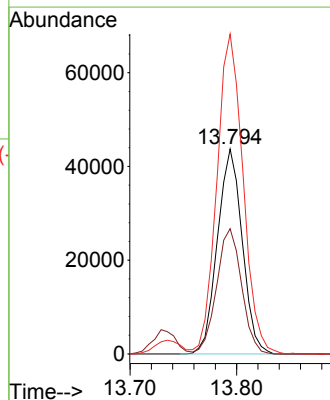
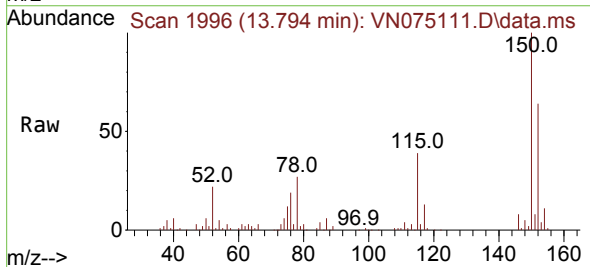
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

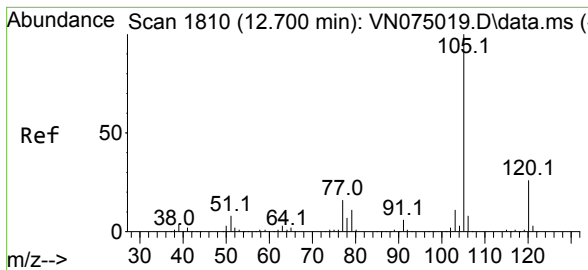
Tgt Ion:173 Resp: 16521
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:152 Resp: 70608
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 165.3 0.0 348.4





#73

Isopropylbenzene

Concen: 19.484 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

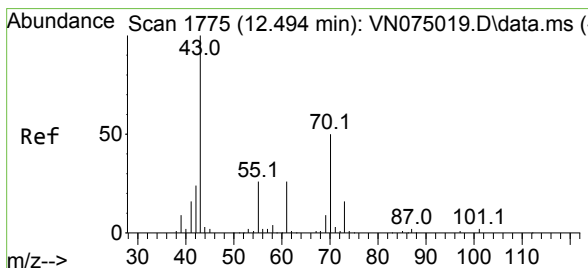
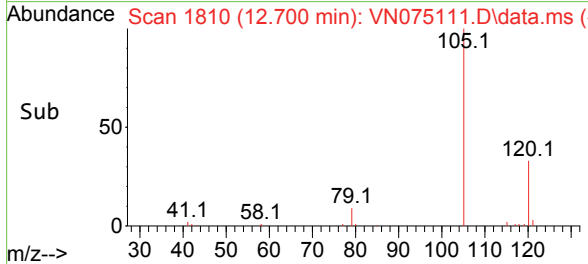
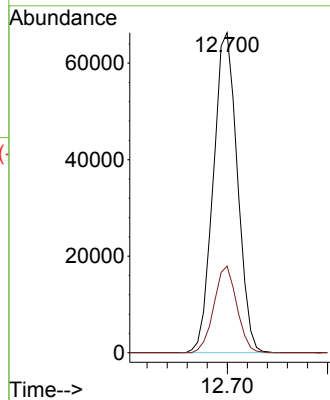
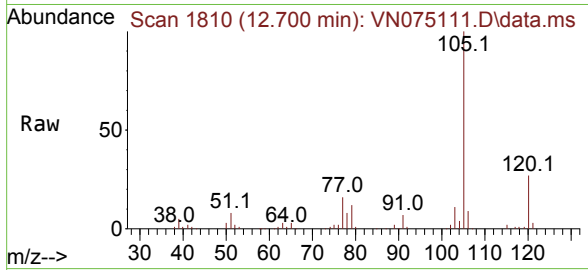
VN1102WBS01

Tgt Ion:105 Resp: 110447

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 20.116 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Tgt Ion: 43 Resp: 42174

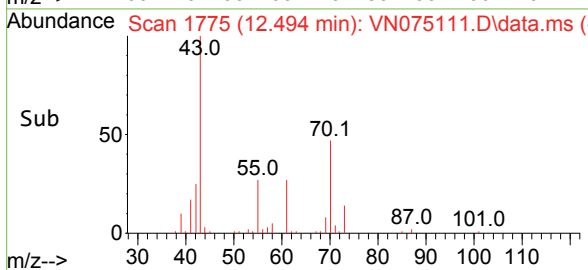
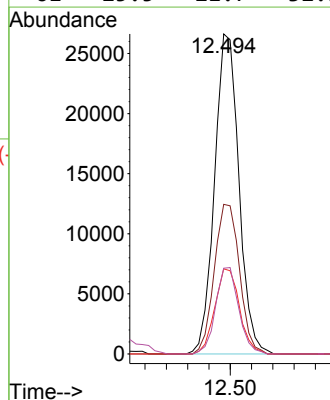
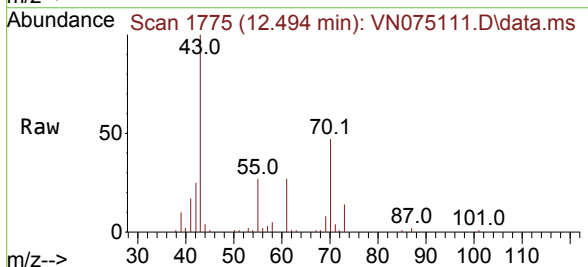
Ion Ratio Lower Upper

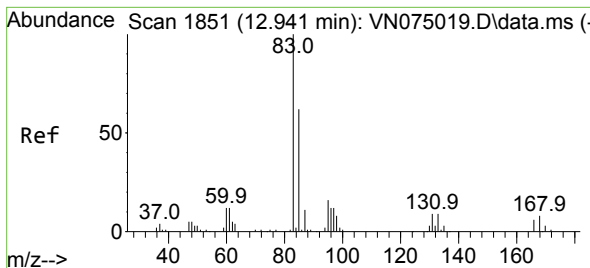
43 100

70 48.4 39.8 59.8

55 26.9 19.9 29.9

61 25.5 21.7 32.5

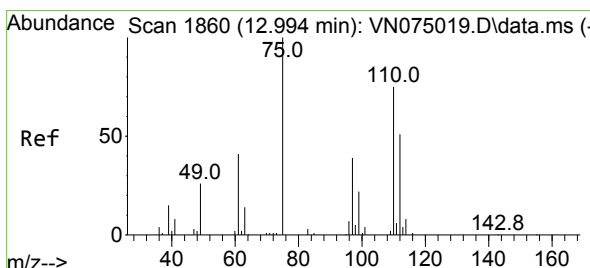
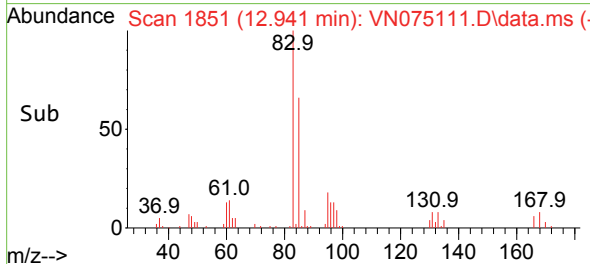
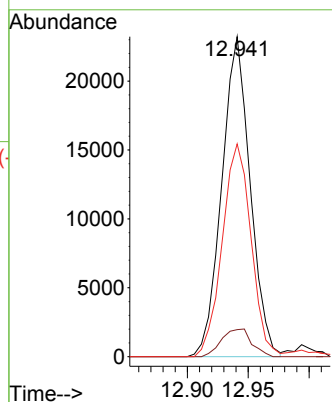
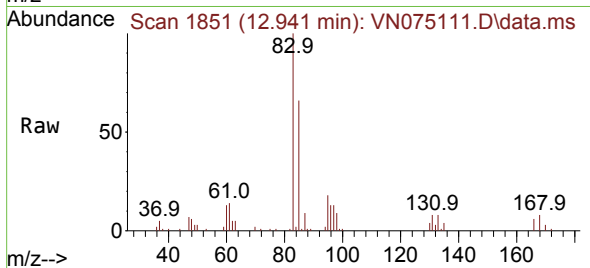




#75
1,1,2,2-Tetrachloroethane
Concen: 20.807 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

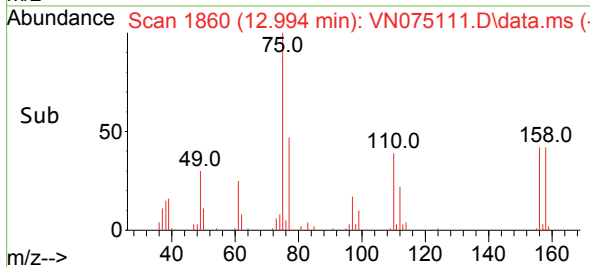
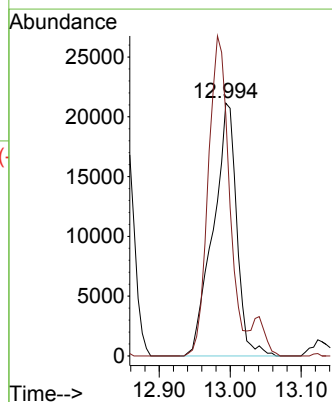
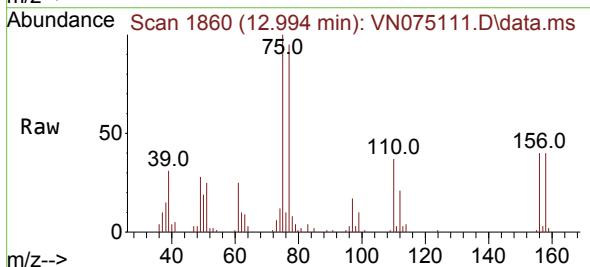
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

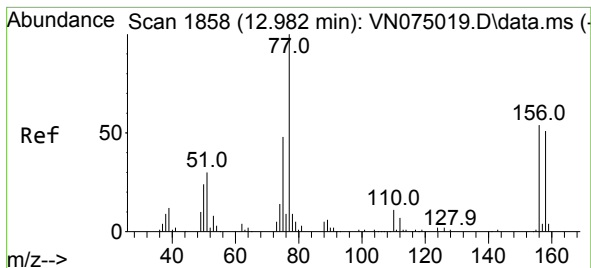
Tgt Ion: 83 Resp: 37668
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 67.8 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 32.429 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 75 Resp: 48618
Ion Ratio Lower Upper
75 100
77 113.0 75.6 226.8





#77

Bromobenzene

Concen: 19.664 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

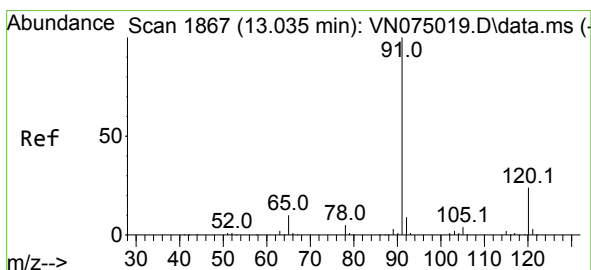
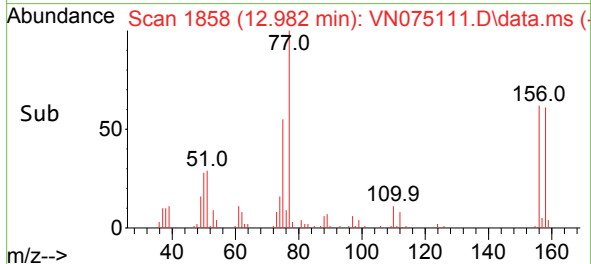
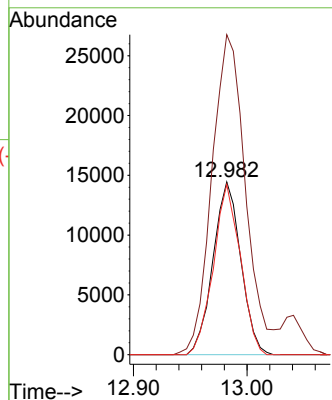
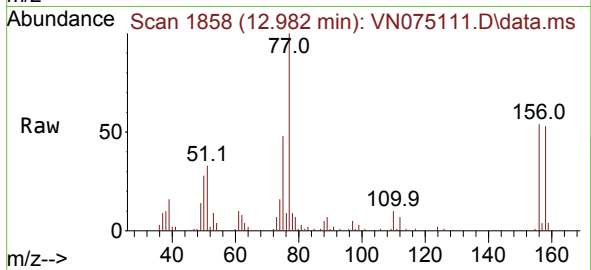
Tgt Ion:156 Resp: 24543

Ion Ratio Lower Upper

156 100

77 223.8 108.5 325.5

158 95.8 47.7 143.1



#78

n-propylbenzene

Concen: 20.558 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN075111.D

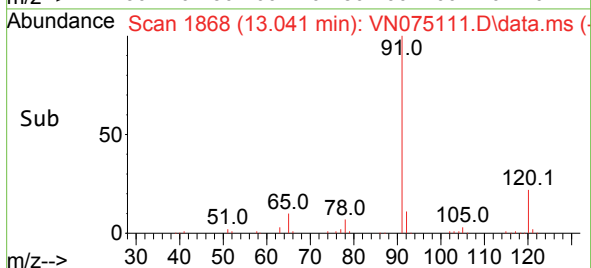
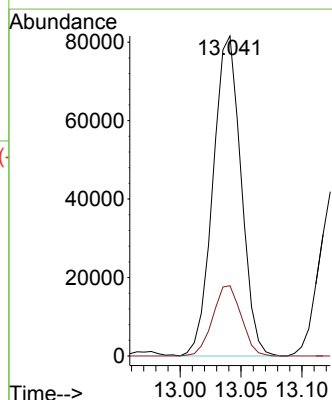
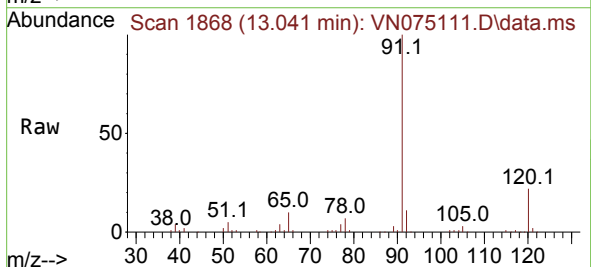
Acq: 02 Nov 2022 12:40

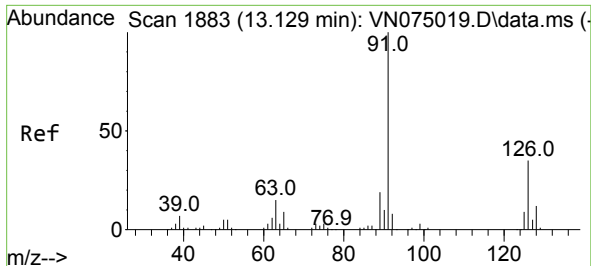
Tgt Ion: 91 Resp: 130837

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5

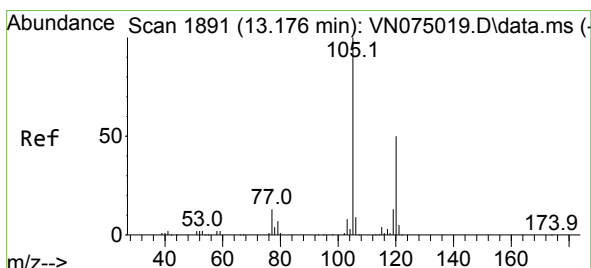
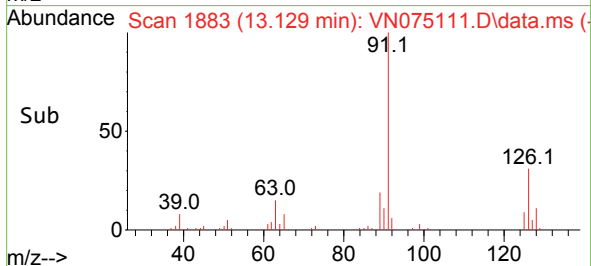
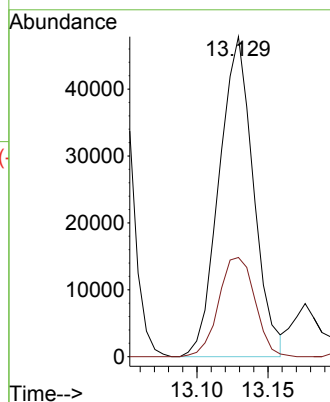
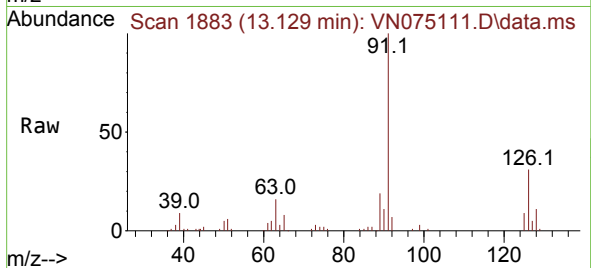




#79
2-Chlorotoluene
Concen: 20.695 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

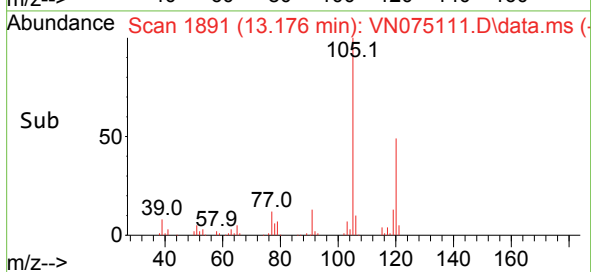
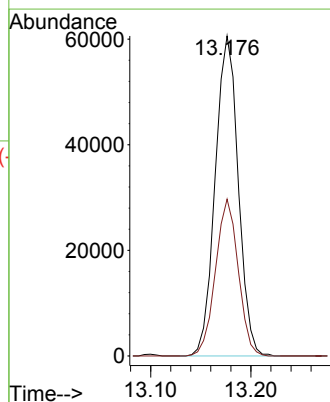
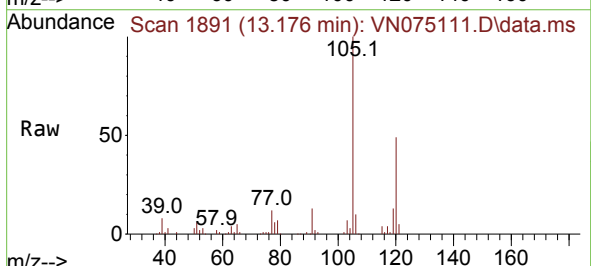
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

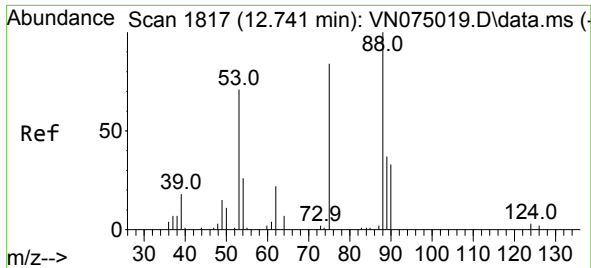
Tgt Ion: 91 Resp: 80483
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 20.290 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 105 Resp: 96603
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

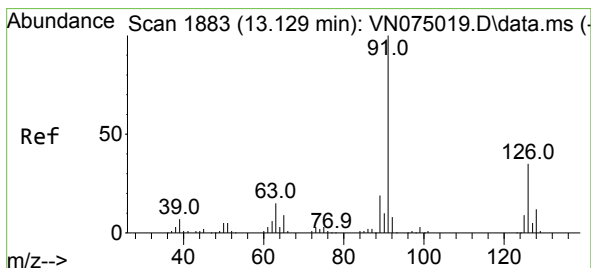
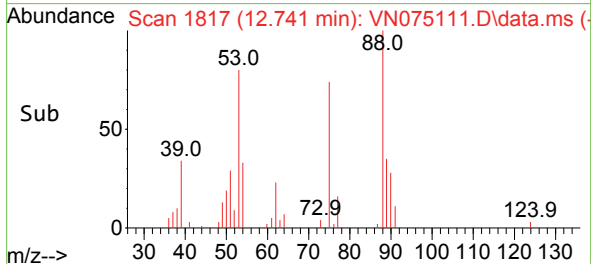
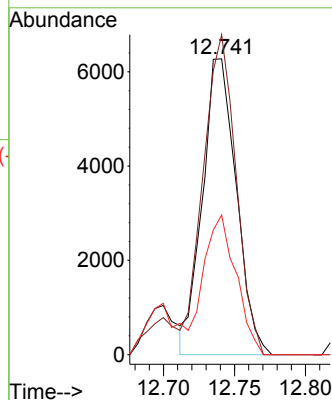
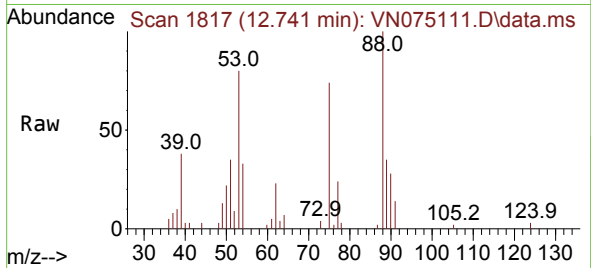




#81
trans-1,4-Dichloro-2-butene
Concen: 17.795 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

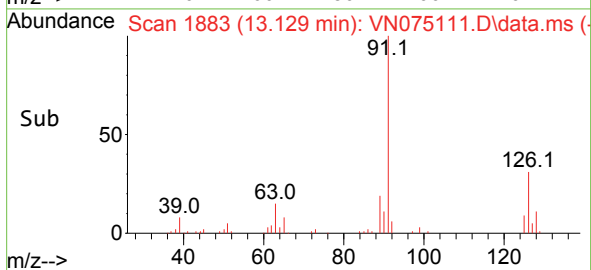
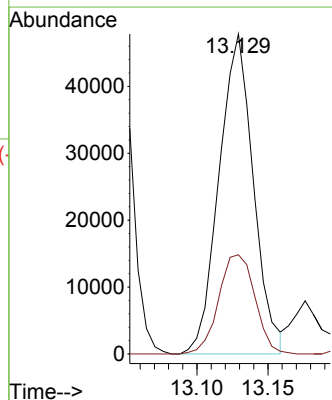
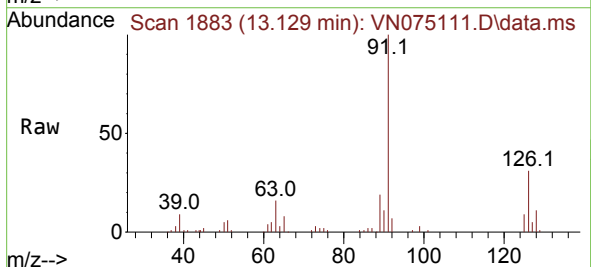
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

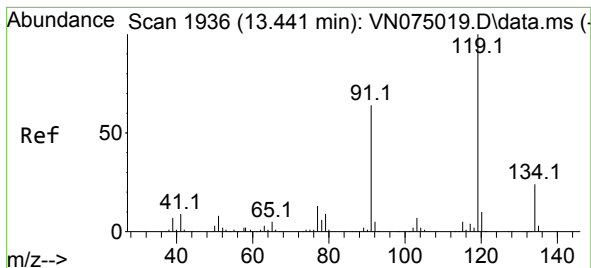
Tgt Ion: 75 Resp: 10393
Ion Ratio Lower Upper
75 100
53 105.3 78.5 117.7
89 44.8 37.7 56.5



#82
4-Chlorotoluene
Concen: 20.695 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion: 91 Resp: 80483
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7





#83

tert-Butylbenzene

Concen: 19.491 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

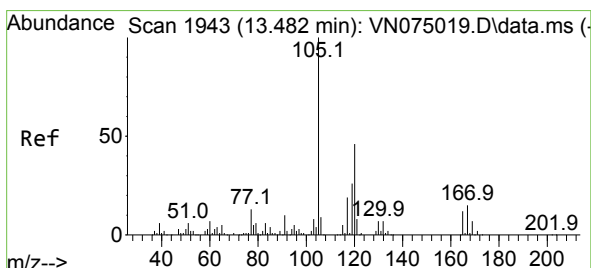
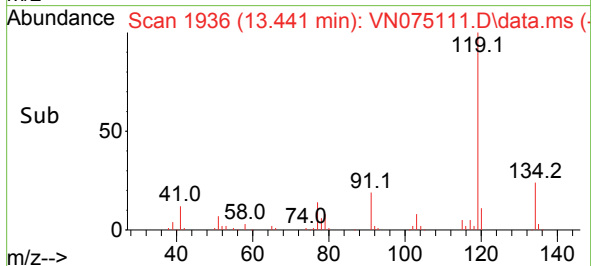
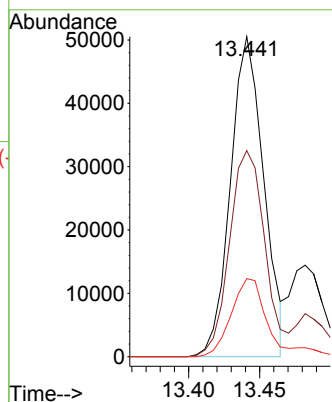
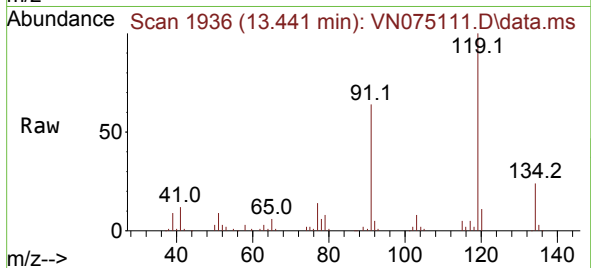
Tgt Ion:119 Resp: 82457

Ion Ratio Lower Upper

119 100

91 68.9 32.8 98.4

134 27.0 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 20.082 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075111.D

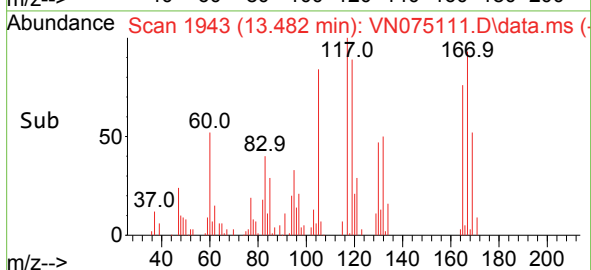
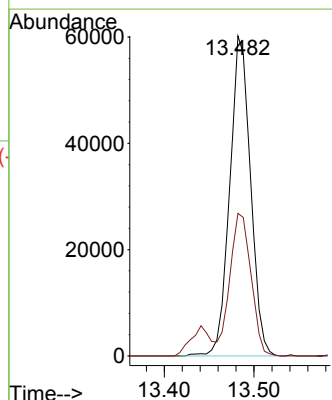
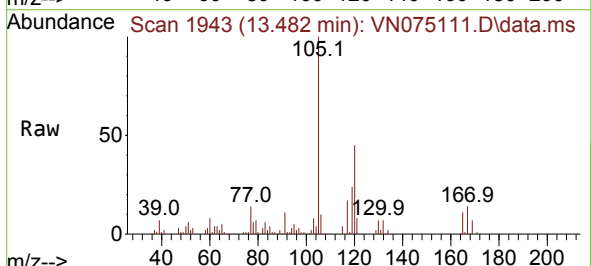
Acq: 02 Nov 2022 12:40

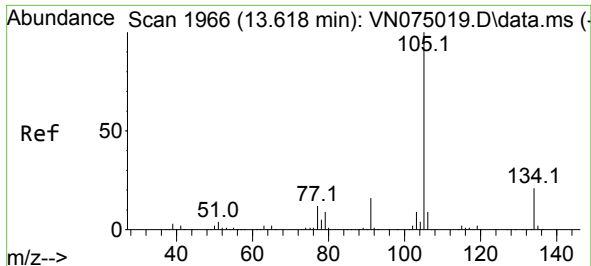
Tgt Ion:105 Resp: 96738

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1

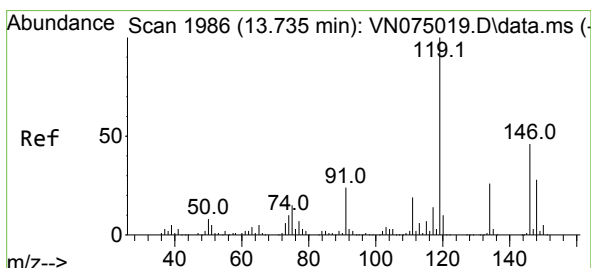
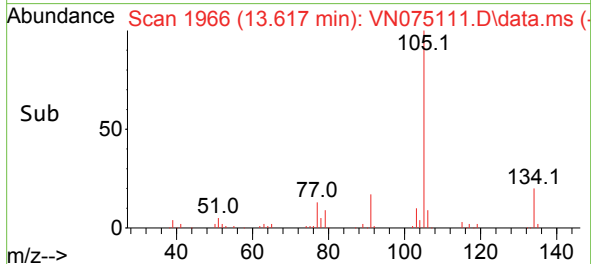
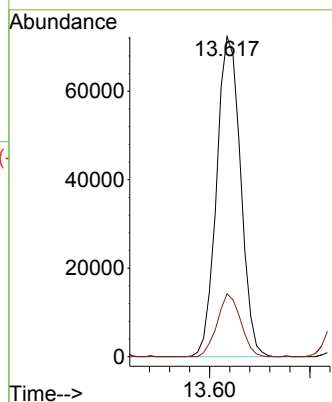
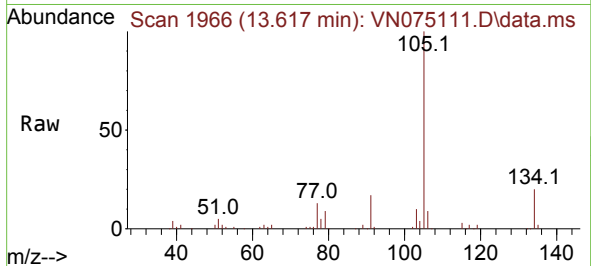




#85
 sec-Butylbenzene
 Concen: 20.257 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

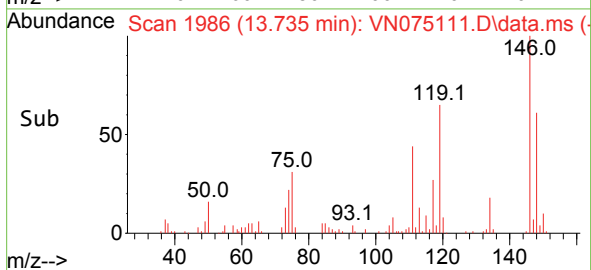
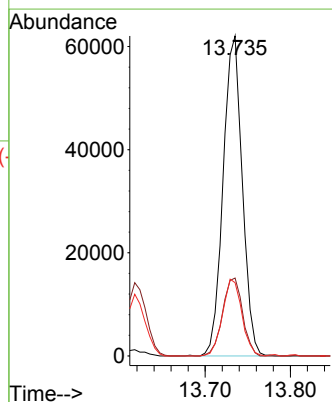
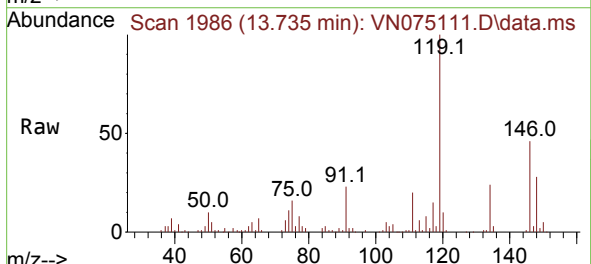
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

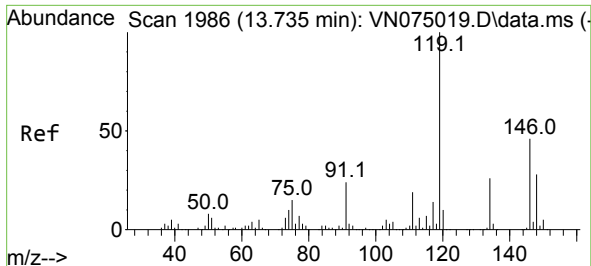
Tgt Ion:105 Resp: 119887
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.879 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion:119 Resp: 97160
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 24.2 11.9 35.5

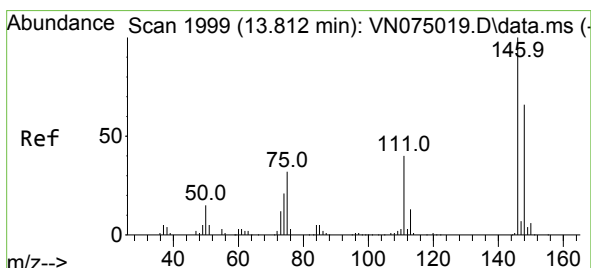
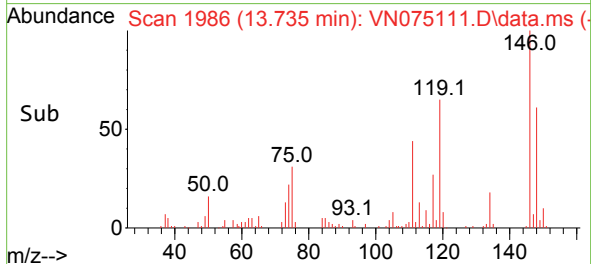
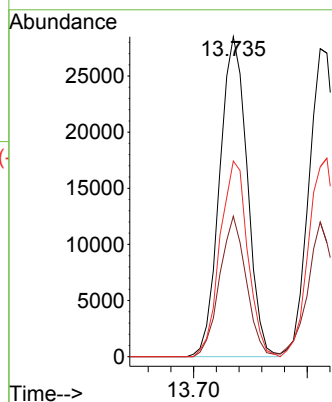
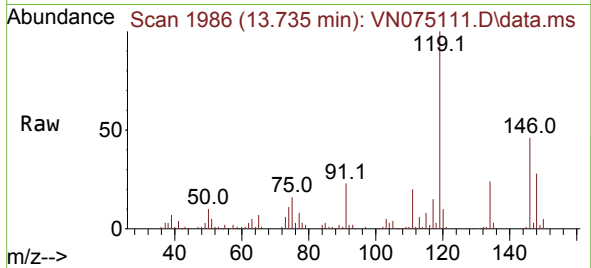




#87
 1,3-Dichlorobenzene
 Concen: 19.675 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

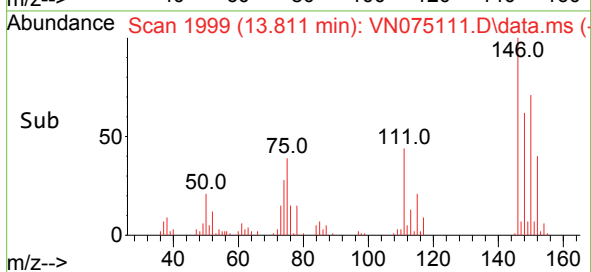
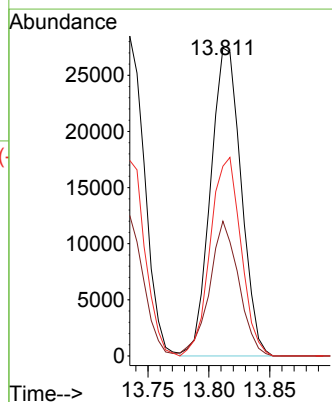
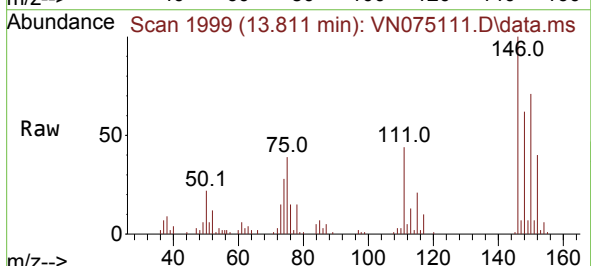
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

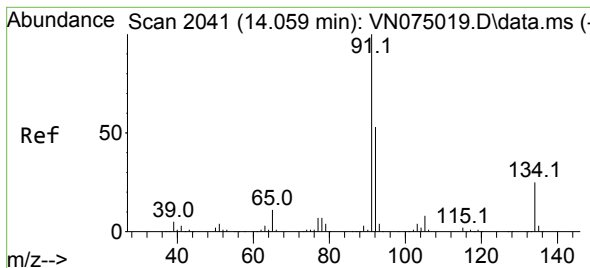
Tgt Ion:146 Resp: 48082
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 61.4 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.001 min
 Lab File: VN075111.D
 Acq: 02 Nov 2022 12:40

Tgt Ion:146 Resp: 47971
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.3
 148 64.7 31.9 95.7





#89

n-Butylbenzene

Concen: 19.742 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

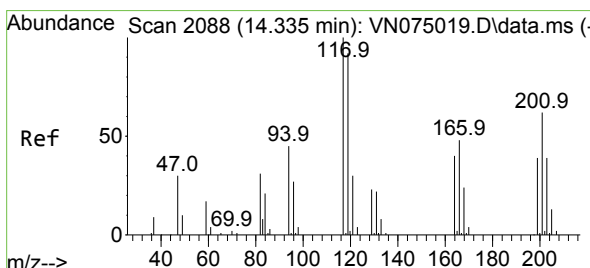
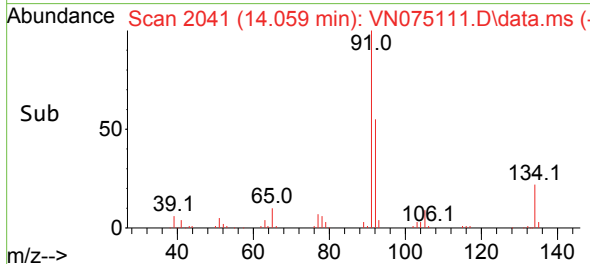
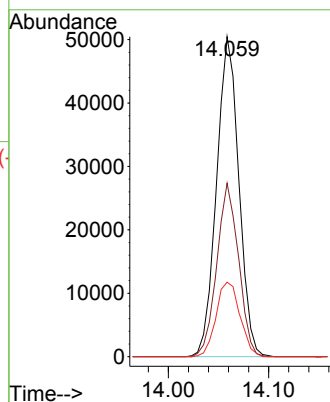
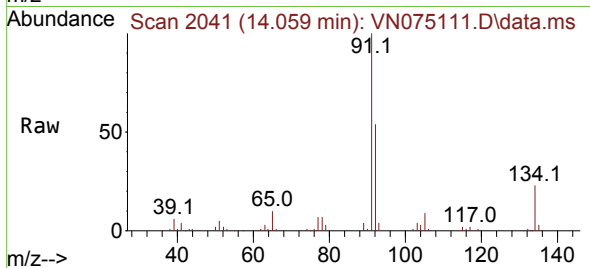
Tgt Ion: 91 Resp: 77701

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.4

134 25.0 13.0 39.0



#90

Hexachloroethane

Concen: 18.921 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN075111.D

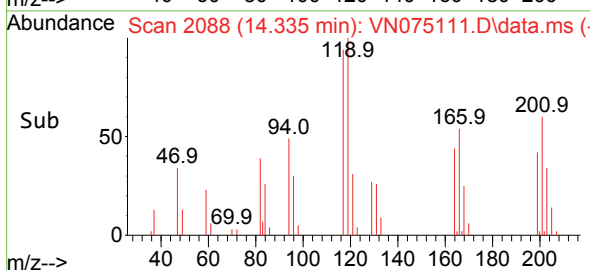
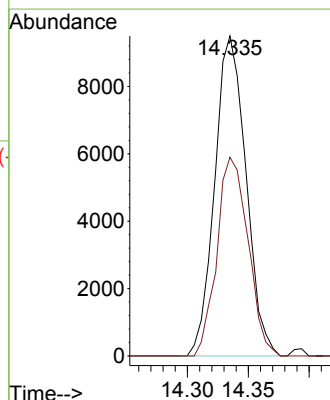
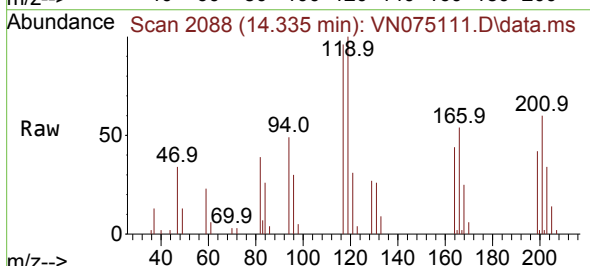
Acq: 02 Nov 2022 12:40

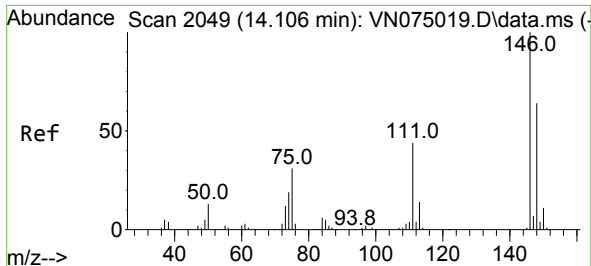
Tgt Ion: 117 Resp: 16956

Ion Ratio Lower Upper

117 100

201 61.8 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 20.317 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.005 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

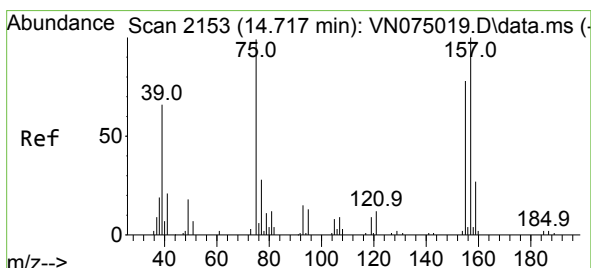
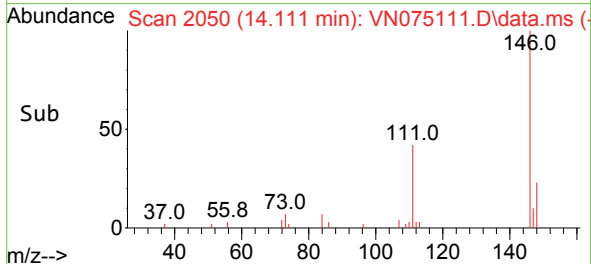
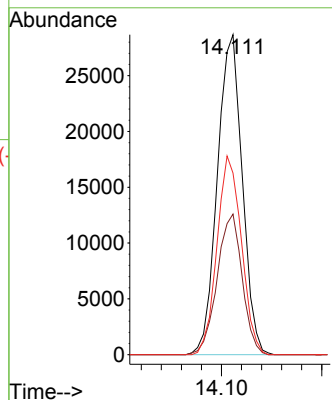
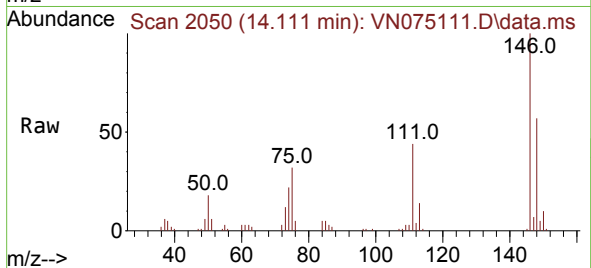
Tgt Ion:146 Resp: 49360

Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.9

148 61.0 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.585 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

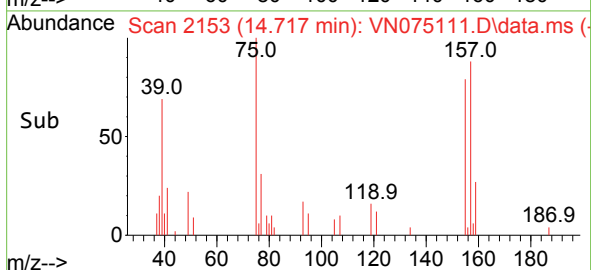
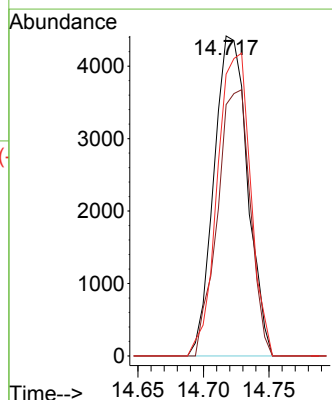
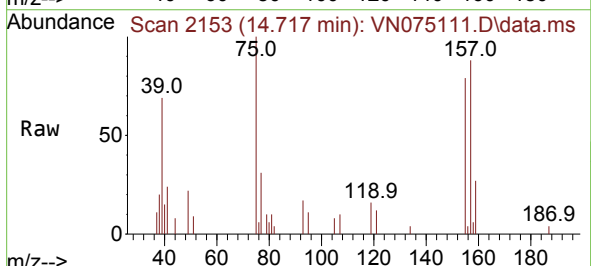
Tgt Ion: 75 Resp: 7871

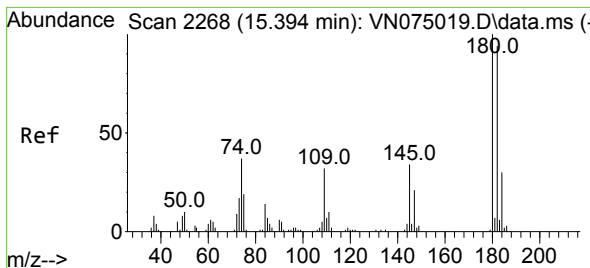
Ion Ratio Lower Upper

75 100

155 81.2 42.1 126.3

157 93.7 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 19.652 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBS01

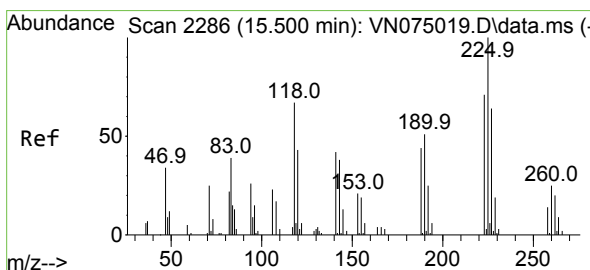
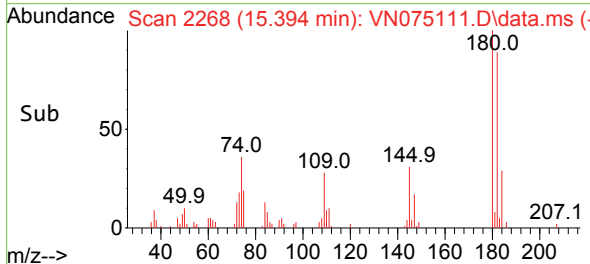
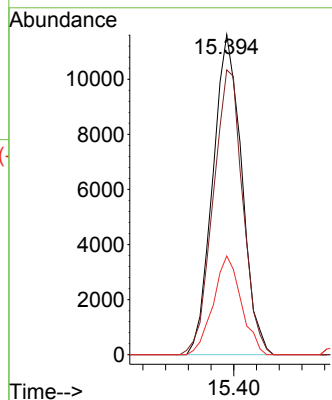
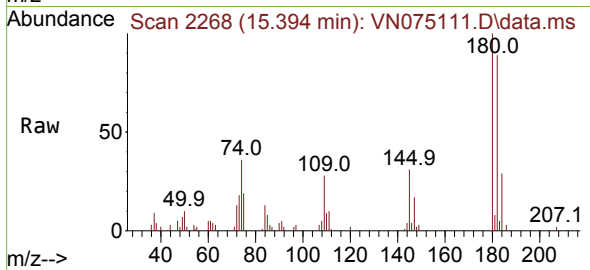
Tgt Ion:180 Resp: 20545

Ion Ratio Lower Upper

180 100

182 90.9 47.8 143.4

145 29.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 19.748 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. 0.005 min

Lab File: VN075111.D

Acq: 02 Nov 2022 12:40

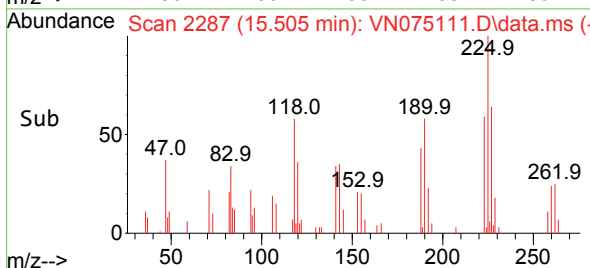
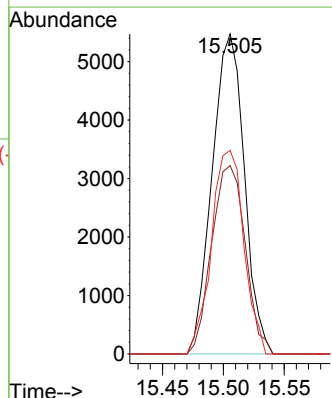
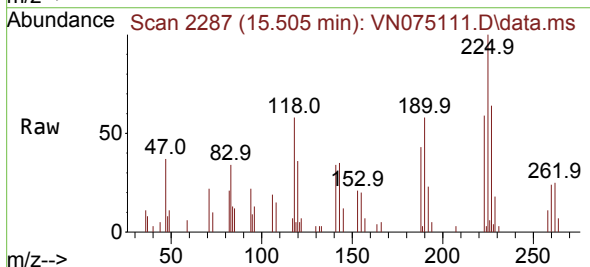
Tgt Ion:225 Resp: 10065

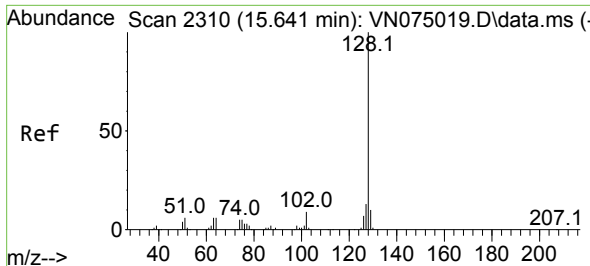
Ion Ratio Lower Upper

225 100

223 61.5 32.3 96.9

227 63.9 32.0 96.2

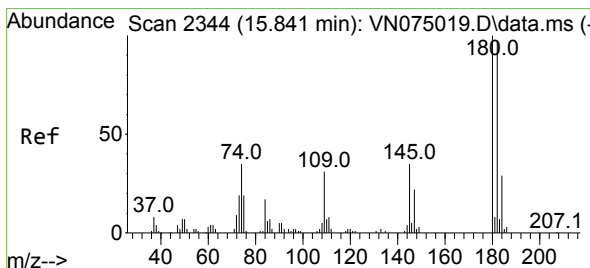
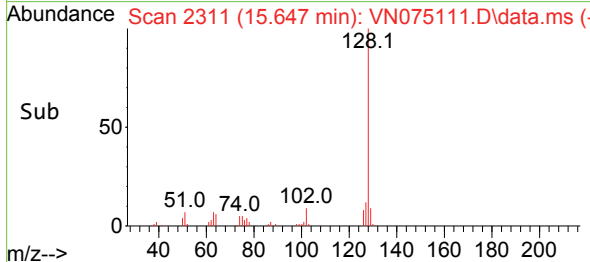
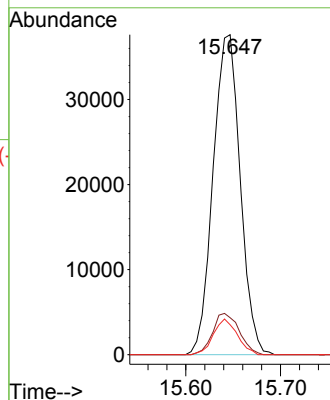
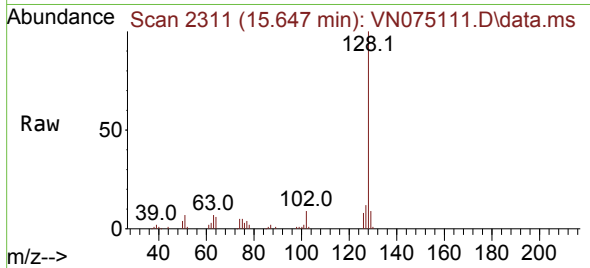




#95
Naphthalene
Concen: 18.584 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Tgt Ion:	128	Resp:	74714
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	9.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.176 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075111.D
Acq: 02 Nov 2022 12:40

Tgt Ion:	180	Resp:	19919
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.3	141.8
145	34.8	17.6	52.9

