

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078160.D
 Acq On : 12 Jun 2023 12:30
 Operator : JC\MD
 Sample : VN0612WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

Quant Time: Jun 13 01:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	759992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	662327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	251551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312291	55.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.420%	
35) Dibromofluoromethane	8.177	113	256005	53.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.560%	
50) Toluene-d8	10.576	98	985507	53.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.853	95	308112	53.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	89401	18.643	ug/l	97
3) Chloromethane	2.371	50	97212	20.470	ug/l	96
4) Vinyl Chloride	2.518	62	123049	19.595	ug/l	94
5) Bromomethane	2.959	94	91540	19.289	ug/l	96
6) Chloroethane	3.130	64	83315	19.463	ug/l	96
7) Trichlorofluoromethane	3.500	101	165479	19.433	ug/l	97
8) Diethyl Ether	3.977	74	54858	18.334	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.383	101	91430	20.345	ug/l	97
10) Methyl Iodide	4.600	142	121577	19.129	ug/l	98
11) Tert butyl alcohol	5.524	59	84302	107.938	ug/l #	90
12) 1,1-Dichloroethene	4.341	96	86958	18.771	ug/l	97
13) Acrolein	4.189	56	80327	93.318	ug/l	93
14) Allyl chloride	5.030	41	115539	20.431	ug/l	94
15) Acrylonitrile	5.730	53	209394	103.990	ug/l	98
16) Acetone	4.441	43	208779	128.235	ug/l	99
17) Carbon Disulfide	4.718	76	221957	18.614	ug/l	97
18) Methyl Acetate	5.041	43	155375	20.729	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	289440	19.582	ug/l	98
20) Methylene Chloride	5.289	84	102710	19.091	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	95410	19.095	ug/l	88
22) Diisopropyl ether	6.683	45	275062	20.678	ug/l	94
23) Vinyl Acetate	6.612	43	809868	102.421	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	179958	20.508	ug/l	94
25) 2-Butanone	7.494	43	278362	111.182	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	154230	23.804	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	110053	18.465	ug/l	91
28) Bromochloromethane	7.818	49	95189	23.626	ug/l	88
29) Tetrahydrofuran	7.847	42	176594	105.510	ug/l	85
30) Chloroform	7.971	83	190265	20.136	ug/l	96
31) Cyclohexane	8.265	56	144352	19.895	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	171157	20.632	ug/l	98
36) 1,1-Dichloropropene	8.377	75	142553	20.682	ug/l	97
37) Ethyl Acetate	7.571	43	112569	20.906	ug/l #	93
38) Carbon Tetrachloride	8.371	117	150069	20.620	ug/l	95
39) Methylcyclohexane	9.606	83	143031	20.024	ug/l	88
40) Benzene	8.612	78	418518	20.339	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	58440	20.023	ug/l	93
42) 1,2-Dichloroethane	8.677	62	148317	21.022	ug/l	98
43) Isopropyl Acetate	8.694	43	189105	18.364	ug/l	96
44) Trichloroethene	9.359	130	107021	19.694	ug/l	99
45) 1,2-Dichloropropane	9.629	63	106127	20.729	ug/l	98
46) Dibromomethane	9.712	93	75365	19.985	ug/l	96
47) Bromodichloromethane	9.894	83	149744	21.377	ug/l	99
48) Methyl methacrylate	9.688	41	86407	19.995	ug/l	93
49) 1,4-Dioxane	9.700	88	38497	423.843	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	581052	107.152	ug/l	93
52) Toluene	10.635	92	266373	20.503	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	155210	21.276	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	167901	20.821	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	103937	21.148	ug/l	95
56) Ethyl methacrylate	10.876	69	143376	20.035	ug/l #	88
57) 1,3-Dichloropropane	11.170	76	174219	21.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	309252	106.973	ug/l	94
59) 2-Hexanone	11.200	43	415770	110.116	ug/l	92
60) Dibromochloromethane	11.365	129	109963	20.447	ug/l	98
61) 1,2-Dibromoethane	11.470	107	102789	19.929	ug/l	99
64) Tetrachloroethene	11.112	164	93204	21.094	ug/l	98
65) Chlorobenzene	11.900	112	278291	19.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	107240	20.556	ug/l	96
67) Ethyl Benzene	11.970	91	497060	20.309	ug/l	95
68) m/p-Xylenes	12.076	106	374777	40.181	ug/l	97
69) o-Xylene	12.406	106	182651	19.941	ug/l	95
70) Styrene	12.417	104	294717	20.438	ug/l	99
71) Bromoform	12.582	173	68628	20.384	ug/l #	99
73) Isopropylbenzene	12.700	105	468926	19.713	ug/l	99
74) N-amyl acetate	12.500	43	146162	18.659	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	147217	21.086	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	172353	28.983	ug/l	70
77) Bromobenzene	12.988	156	105192	19.050	ug/l	97
78) n-propylbenzene	13.041	91	537678	20.804	ug/l	99
79) 2-Chlorotoluene	13.129	91	330017	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	388250	20.160	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	40096	20.715	ug/l	88
82) 4-Chlorotoluene	13.229	91	306923	19.713	ug/l	98
83) tert-Butylbenzene	13.447	119	322171	19.245	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	365547	19.578	ug/l	96
85) sec-Butylbenzene	13.623	105	427221	19.498	ug/l	99
86) p-Isopropyltoluene	13.735	119	350038	19.686	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	174508	18.683	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	172580	19.148	ug/l	99
89) n-Butylbenzene	14.059	91	266001	18.966	ug/l	98
90) Hexachloroethane	14.341	117	63078	19.990	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	176624	19.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22233	18.870	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	57134	17.566	ug/l	98
94) Hexachlorobutadiene	15.505	225	33461	19.346	ug/l	98
95) Naphthalene	15.647	128	168590	15.410	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	60645	16.671	ug/l	95

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ClientSampleId :
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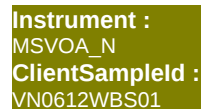
Quant Time: Jun 13 01:29:54 2023
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QLast Update : Wed Jun 07 05:05:00 2023
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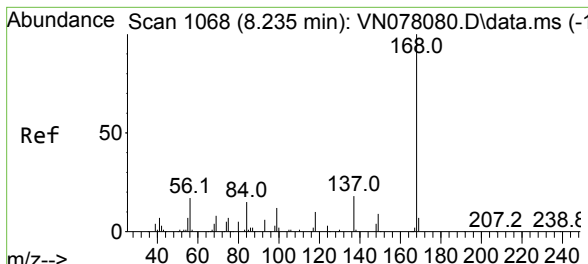
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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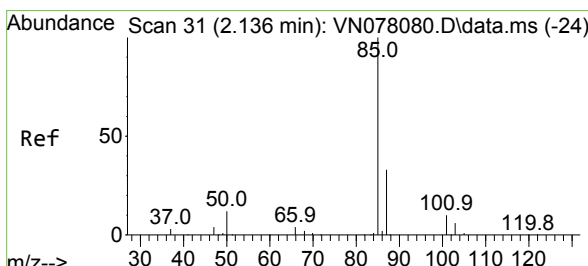
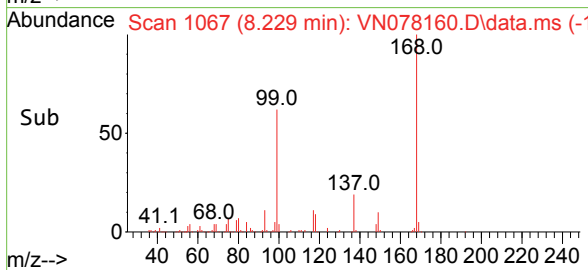
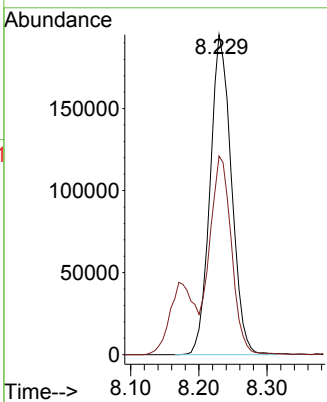
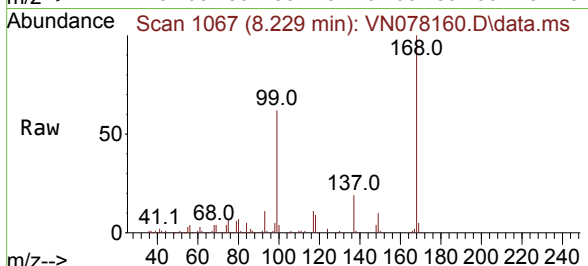




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.229 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN078160.D
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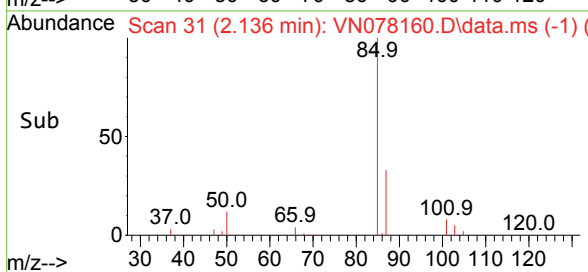
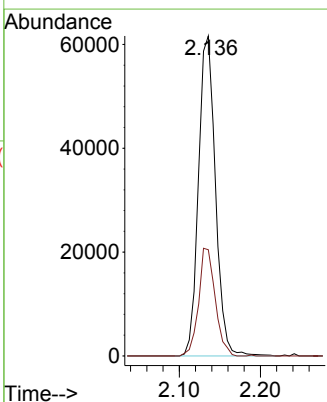
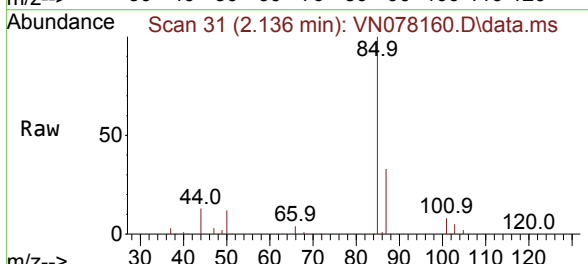
Instrument :
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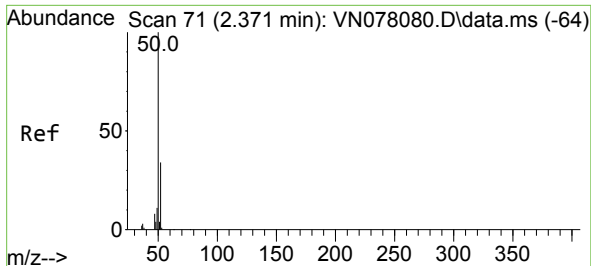
Tgt Ion:168 Resp: 424233
 Ion Ratio Lower Upper
 168 100
 99 61.7 53.0 79.6



#2
 Dichlorodifluoromethane
 Concen: 18.643 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion: 85 Resp: 89401
 Ion Ratio Lower Upper
 85 100
 87 33.2 15.8 47.4

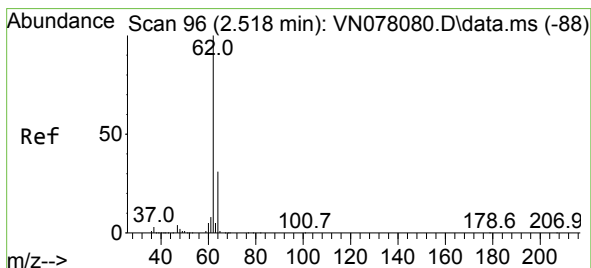
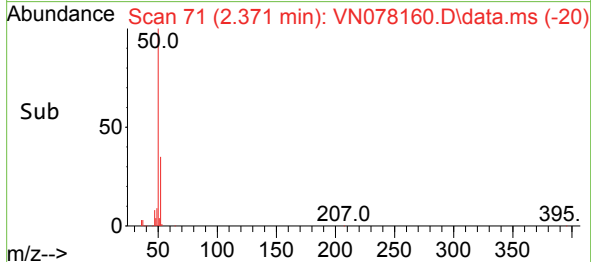
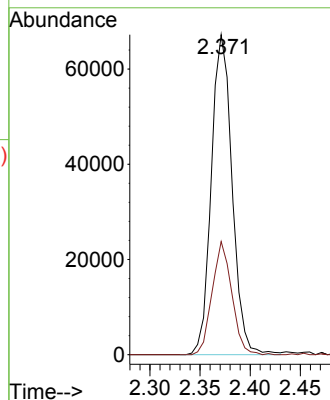
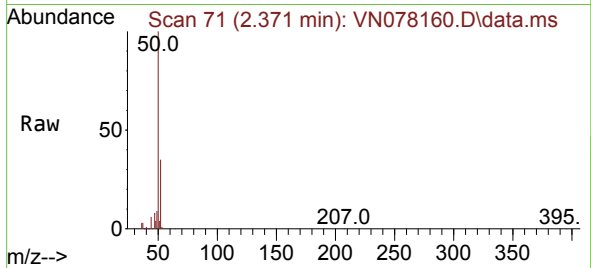




#3
Chloromethane
Concen: 20.470 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

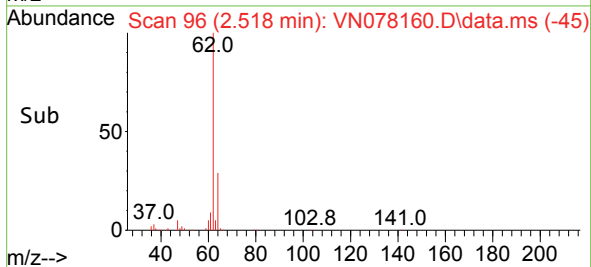
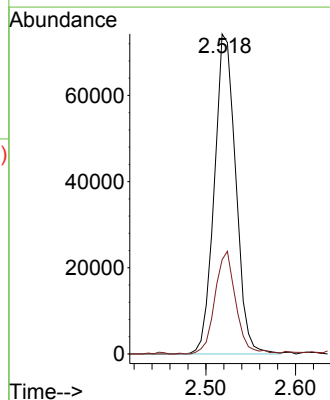
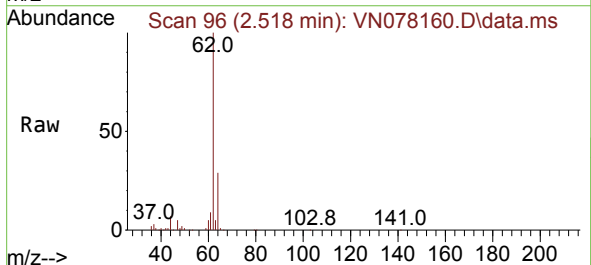
Instrument :
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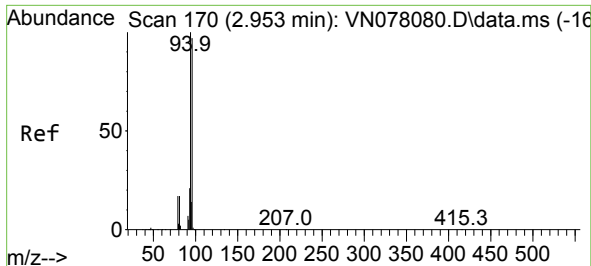
Tgt Ion: 50 Resp: 97212
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 19.595 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 62 Resp: 123049
Ion Ratio Lower Upper
62 100
64 29.2 26.2 39.2

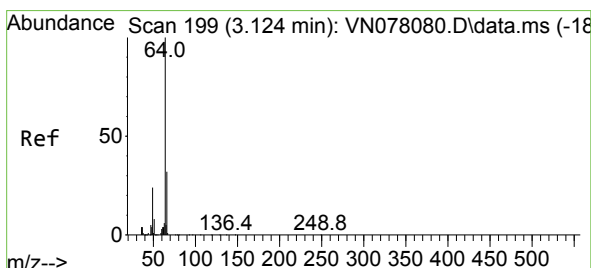
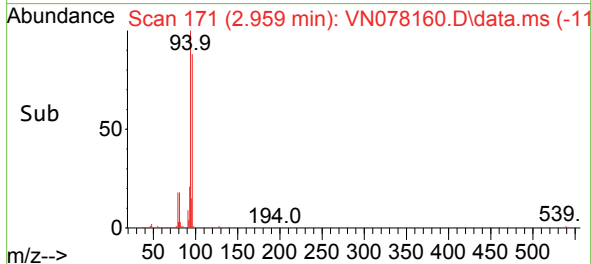
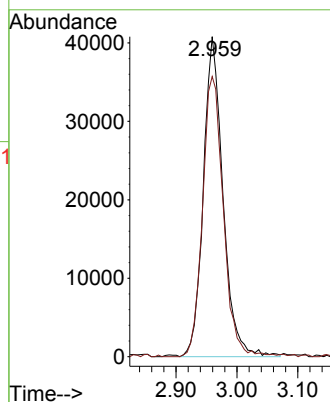
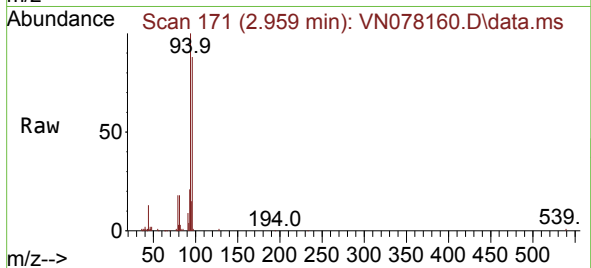




#5
Bromomethane
Concen: 19.289 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

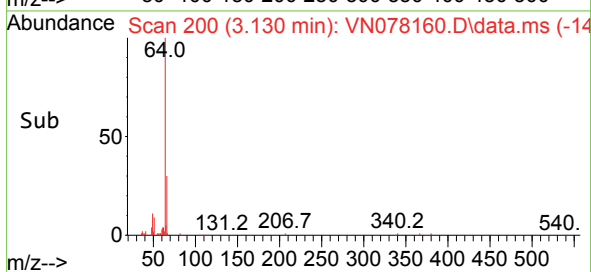
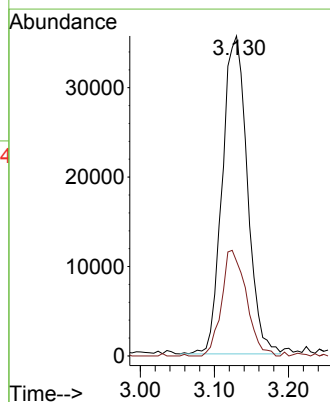
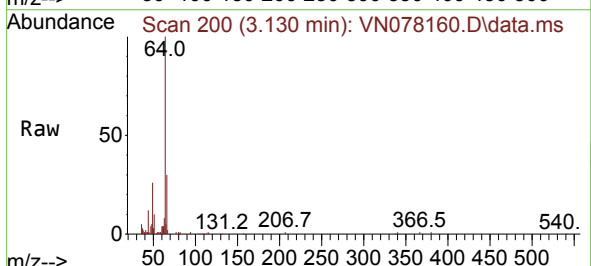
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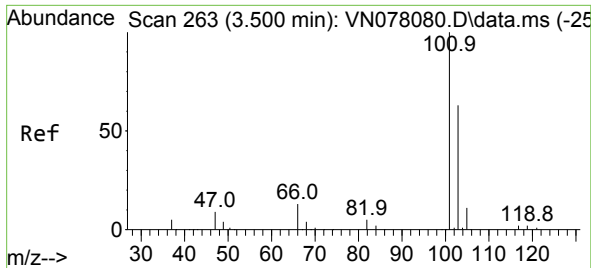
Tgt Ion: 94 Resp: 91540
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7



#6
Chloroethane
Concen: 19.463 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 64 Resp: 83315
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2

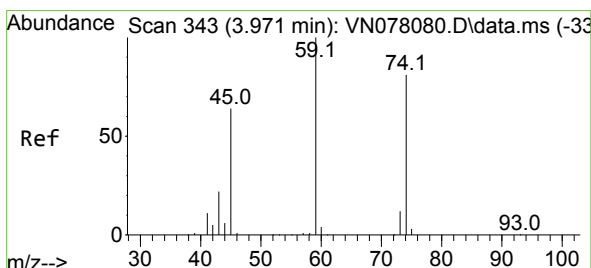
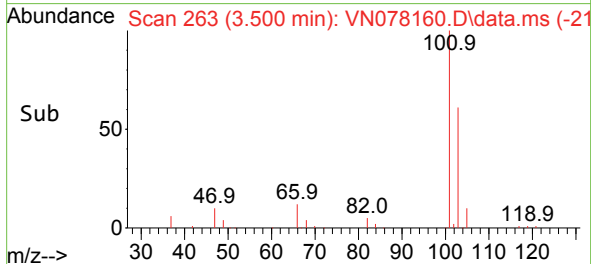
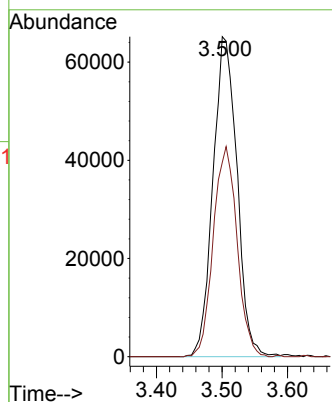
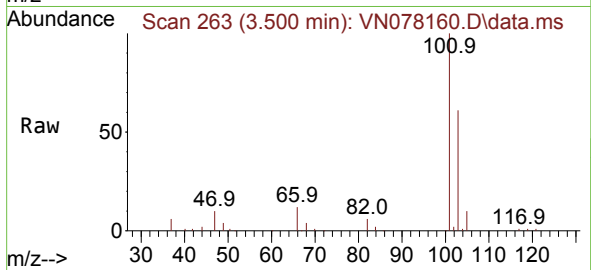




#7
 Trichlorofluoromethane
 Concen: 19.433 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

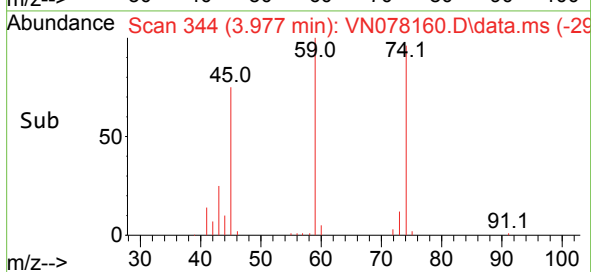
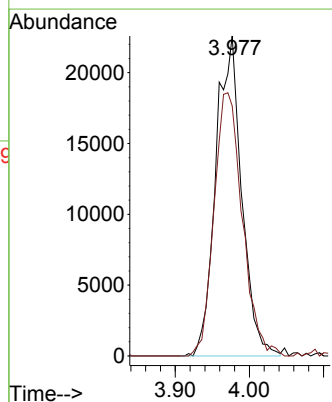
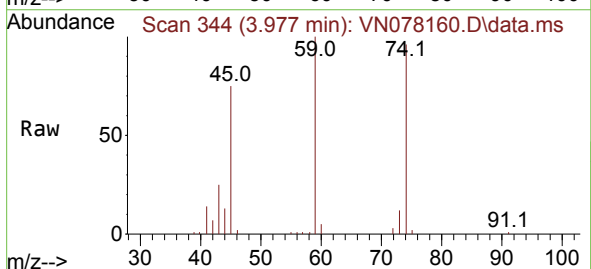
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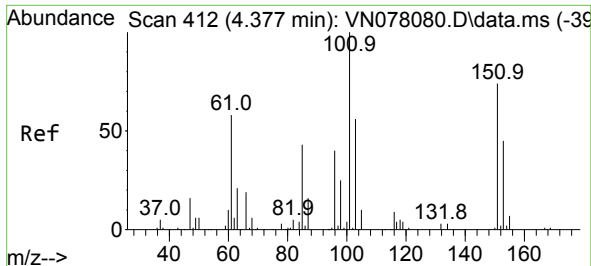
Tgt Ion:101 Resp: 165479
 Ion Ratio Lower Upper
 101 100
 103 60.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.334 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 54858
 Ion Ratio Lower Upper
 74 100
 45 89.9 34.4 103.3

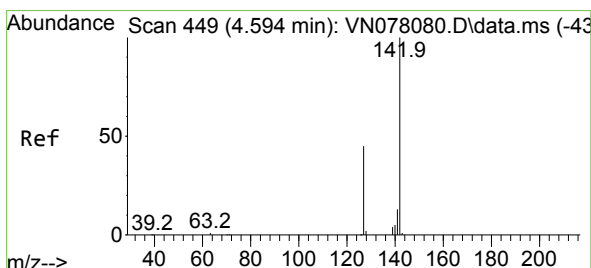
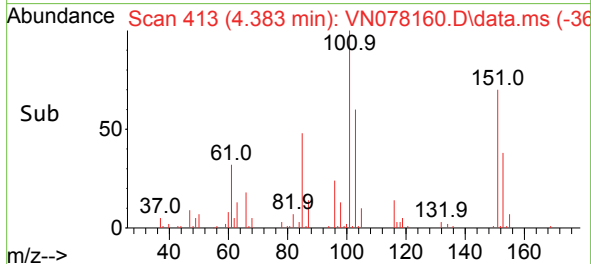
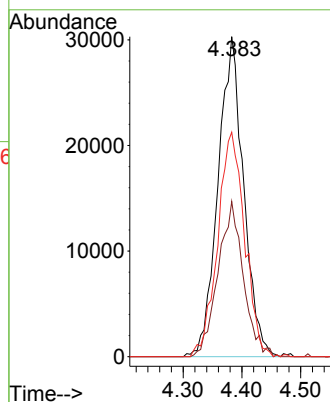
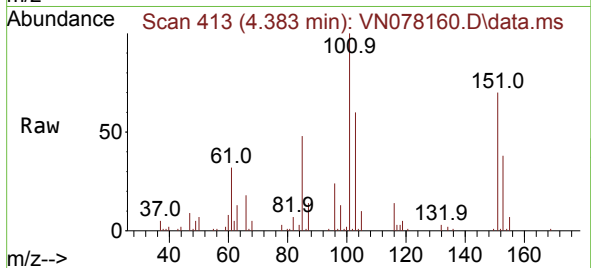




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.345 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

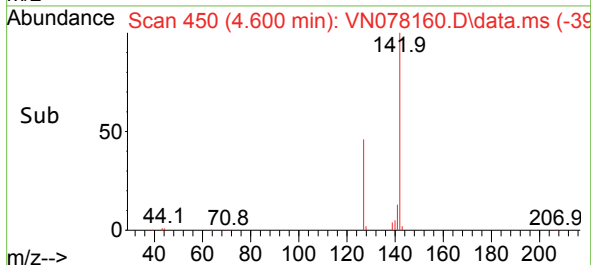
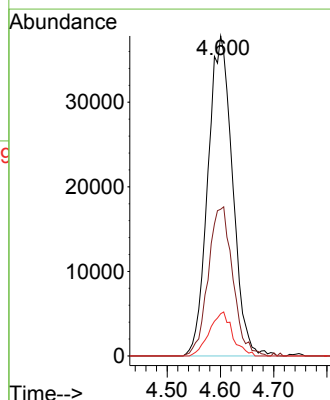
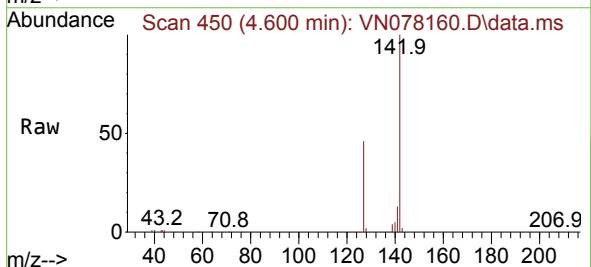
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

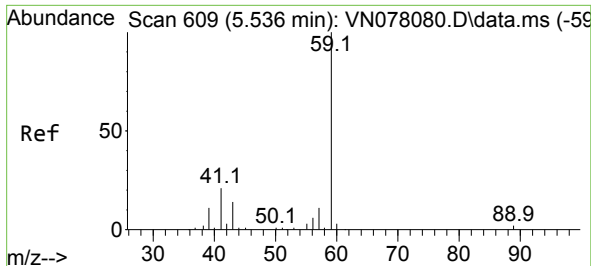
Tgt Ion:101 Resp: 91430
Ion Ratio Lower Upper
101 100
85 48.0 36.6 55.0
151 74.0 57.6 86.4



#10
Methyl Iodide
Concen: 19.129 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:142 Resp: 121577
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.2 11.4 17.0

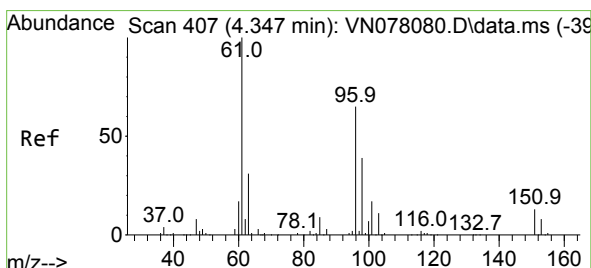
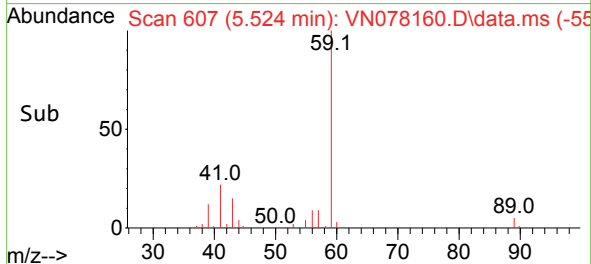
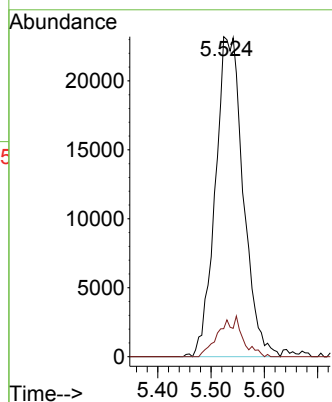
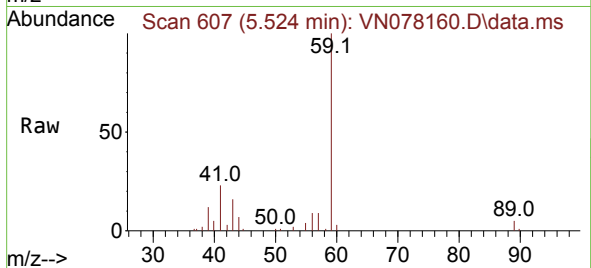




#11
Tert butyl alcohol
Concen: 107.938 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

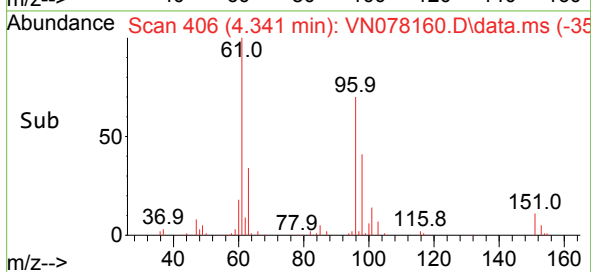
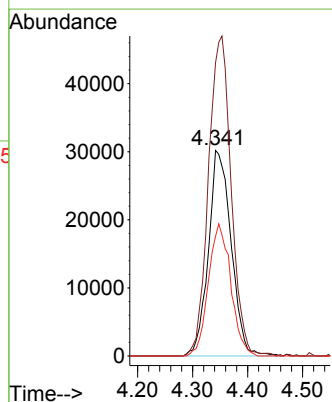
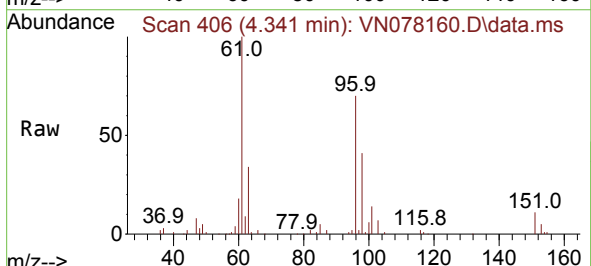
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

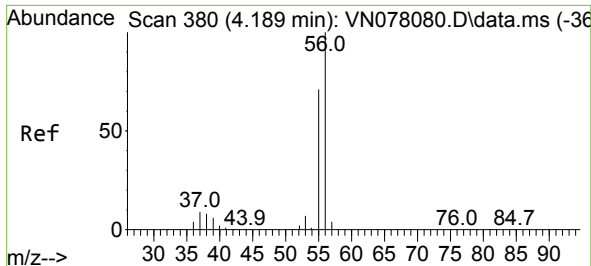
Tgt Ion: 59 Resp: 84302
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 18.771 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 96 Resp: 86958
Ion Ratio Lower Upper
96 100
61 142.7 112.7 169.1
98 58.2 51.2 76.8





#13

Acrolein

Concen: 93.318 ug/l

RT: 4.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

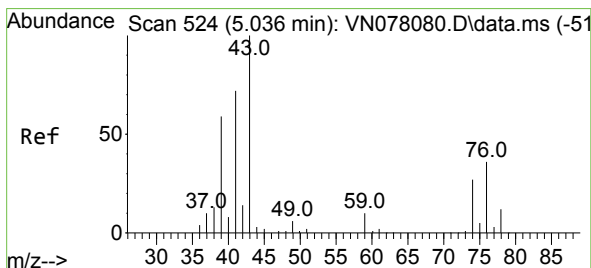
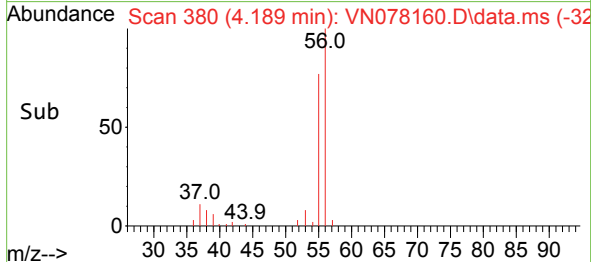
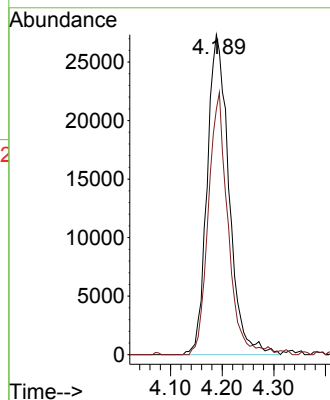
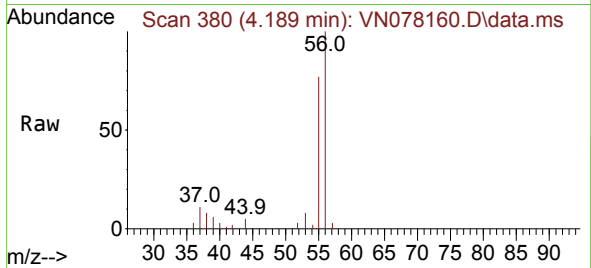
VN0612WBS01

Tgt Ion: 56 Resp: 80327

Ion Ratio Lower Upper

56 100

55 73.6 54.5 81.7



#14

Allyl chloride

Concen: 20.431 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

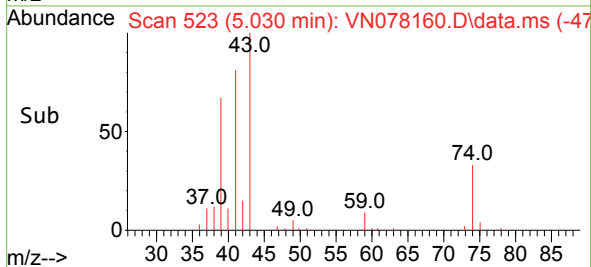
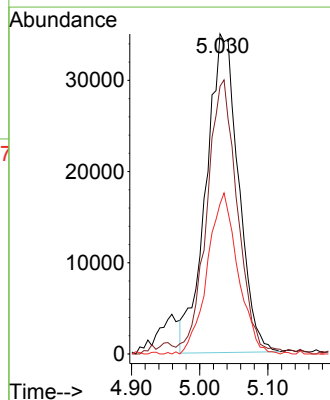
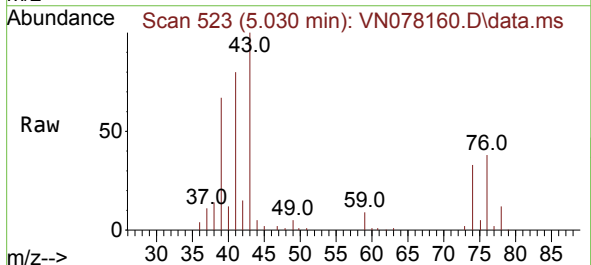
Tgt Ion: 41 Resp: 115539

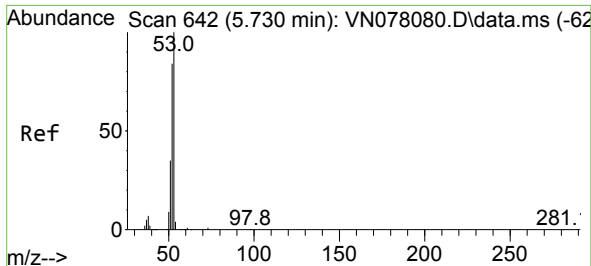
Ion Ratio Lower Upper

41 100

39 80.3 58.8 88.2

76 47.6 39.1 58.7

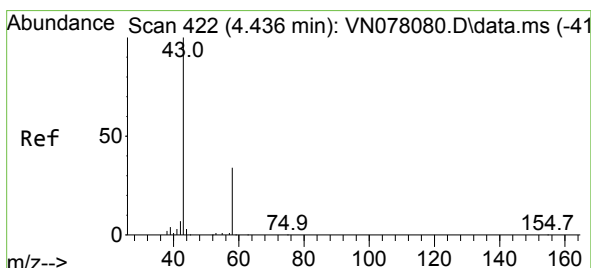
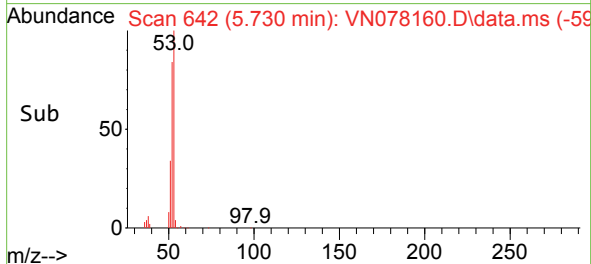
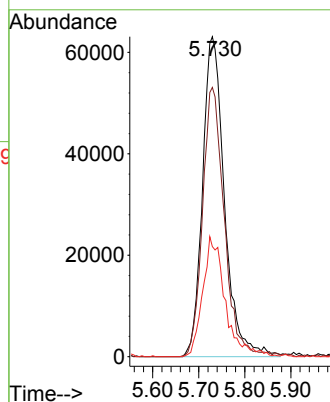
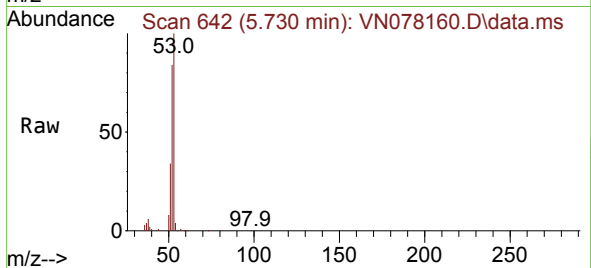




#15
Acrylonitrile
Concen: 103.990 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

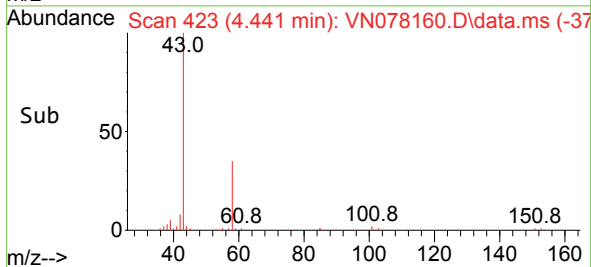
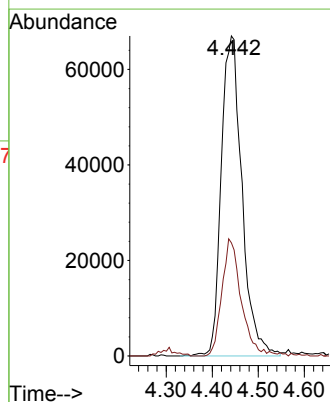
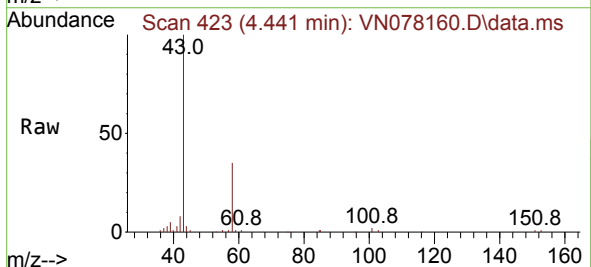
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

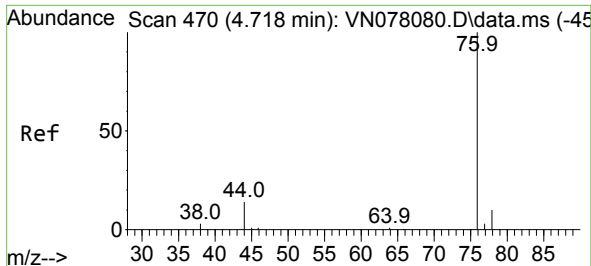
Tgt Ion: 53 Resp: 209394
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 38.3 28.9 43.3



#16
Acetone
Concen: 128.235 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 43 Resp: 208779
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0





#17

Carbon Disulfide

Concen: 18.614 ug/l

RT: 4.718 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

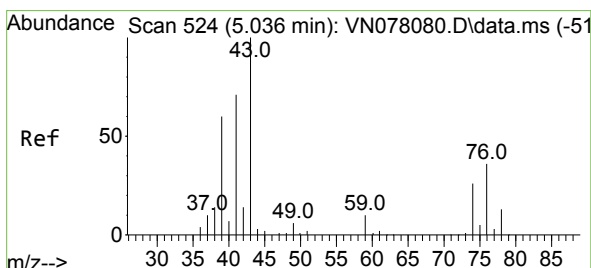
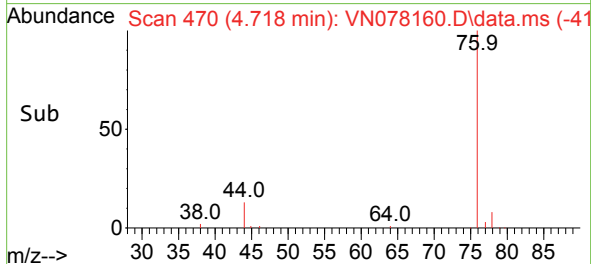
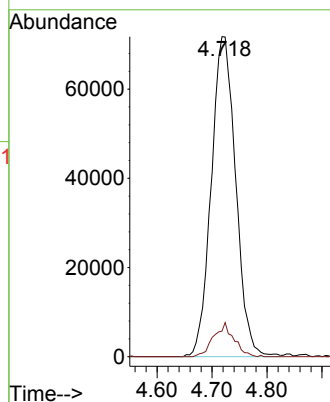
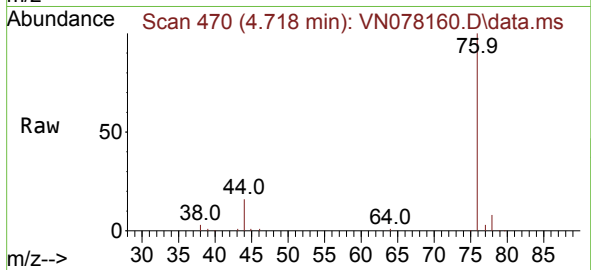
VN0612WBS01

Tgt Ion: 76 Resp: 221957

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.0



#18

Methyl Acetate

Concen: 20.729 ug/l

RT: 5.041 min Scan# 525

Delta R.T. 0.006 min

Lab File: VN078160.D

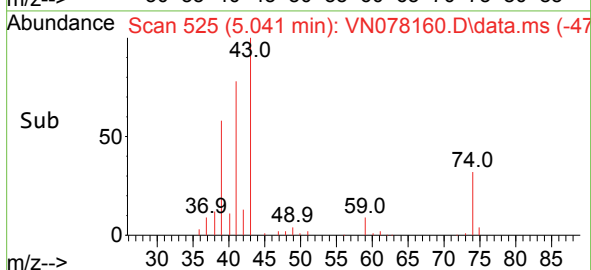
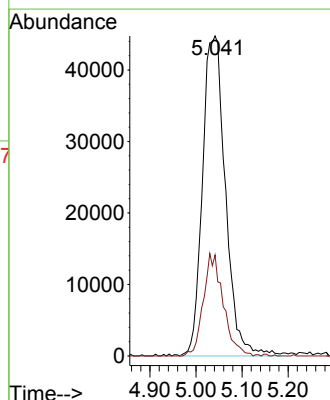
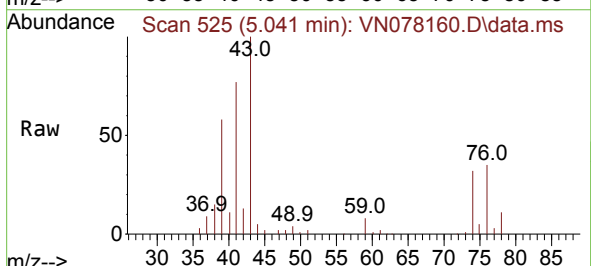
Acq: 12 Jun 2023 12:30

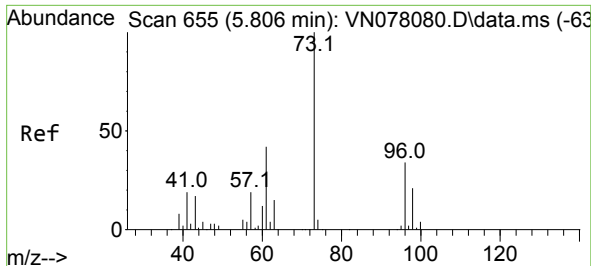
Tgt Ion: 43 Resp: 155375

Ion Ratio Lower Upper

43 100

74 27.8 26.2 39.4

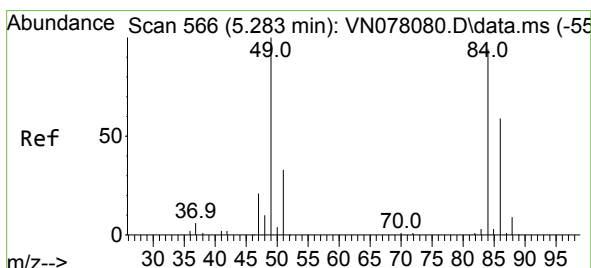
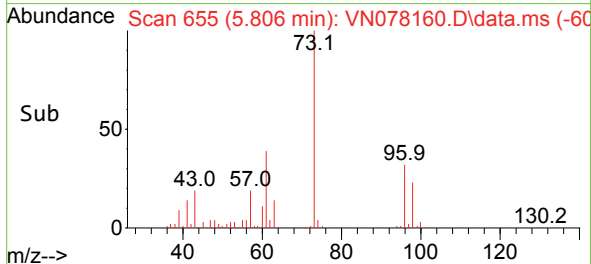
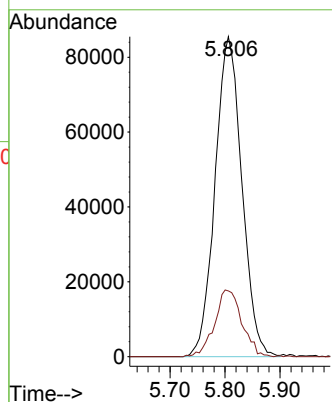
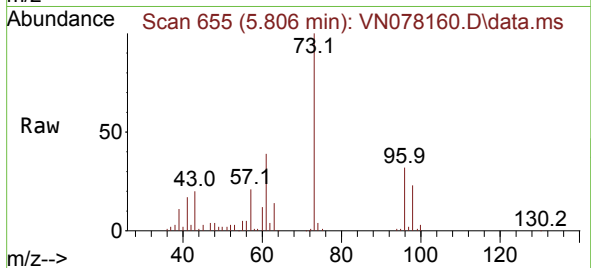




#19
Methyl tert-butyl Ether
Concen: 19.582 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

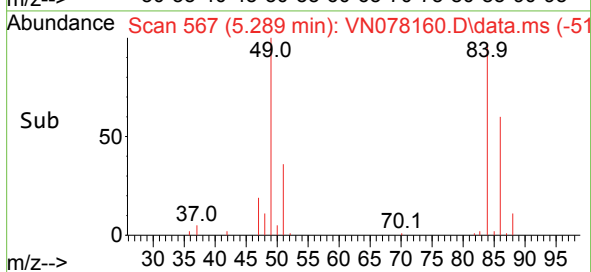
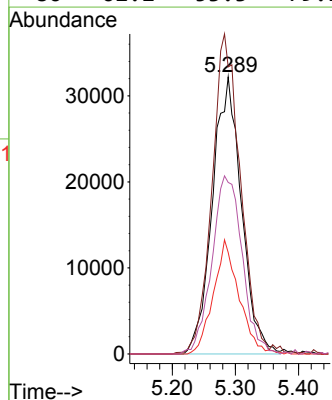
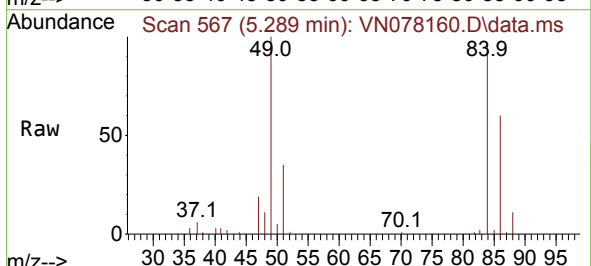
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

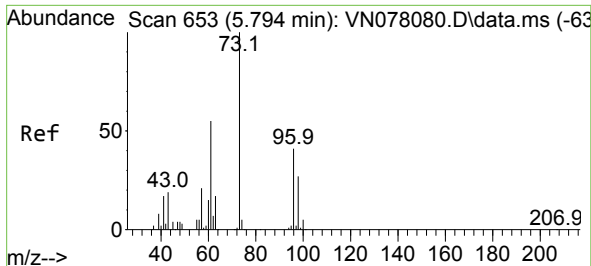
Tgt Ion: 73 Resp: 289440
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 19.091 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 84 Resp: 102710
Ion Ratio Lower Upper
84 100
49 103.6 79.7 119.5
51 36.8 25.2 37.8
86 62.2 53.3 79.9

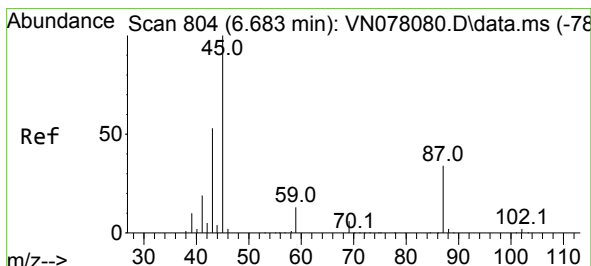
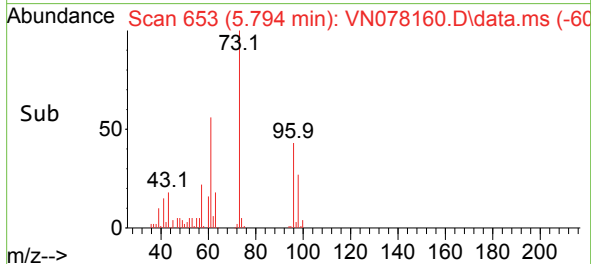
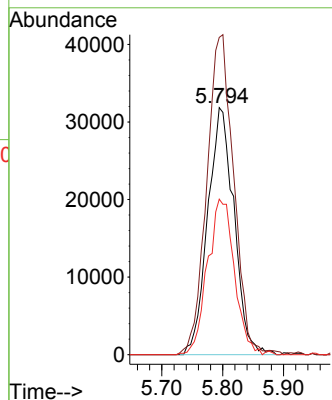
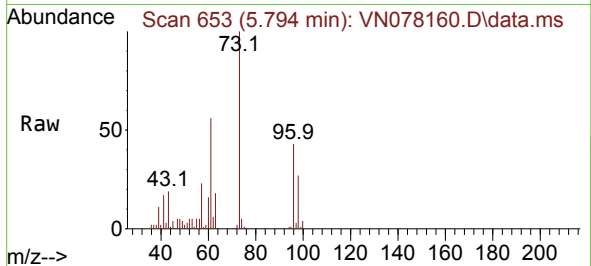




#21
trans-1,2-Dichloroethene
Concen: 19.095 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

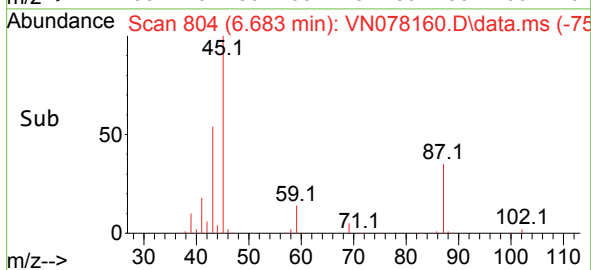
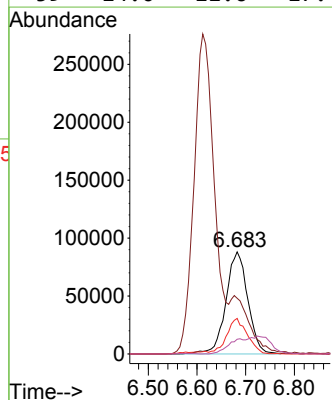
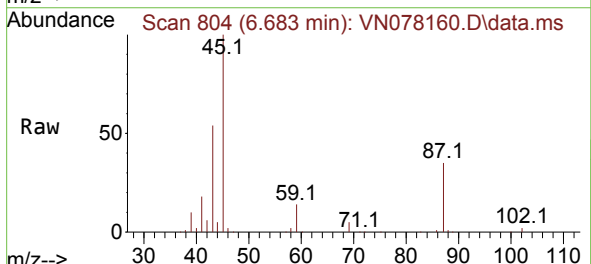
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

Tgt Ion: 96 Resp: 95410
Ion Ratio Lower Upper
96 100
61 127.7 90.1 135.1
98 63.0 46.4 69.6



#22
Diisopropyl ether
Concen: 20.678 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 45 Resp: 275062
Ion Ratio Lower Upper
45 100
43 52.4 45.5 68.3
87 34.6 31.8 47.8
59 14.0 11.6 17.4

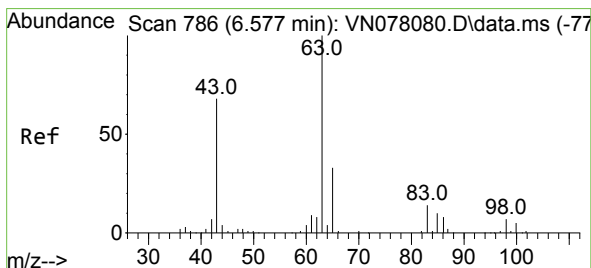
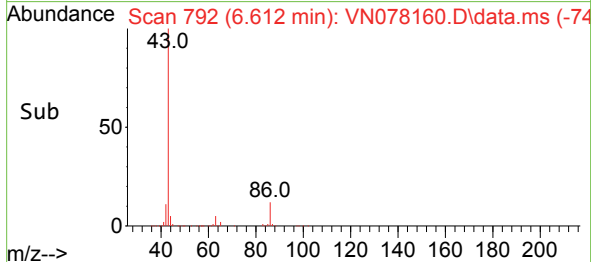
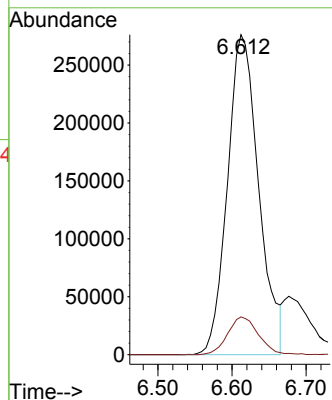
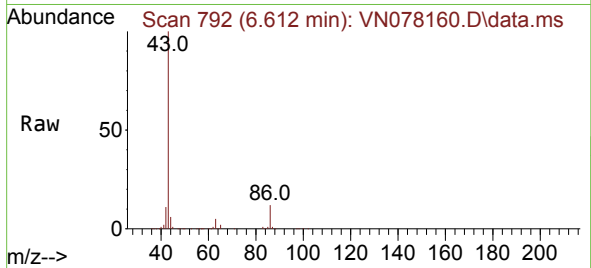




#23
 Vinyl Acetate
 Concen: 102.421 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

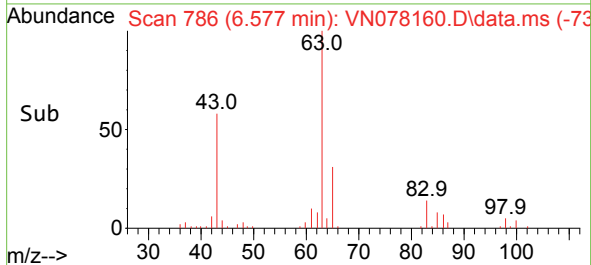
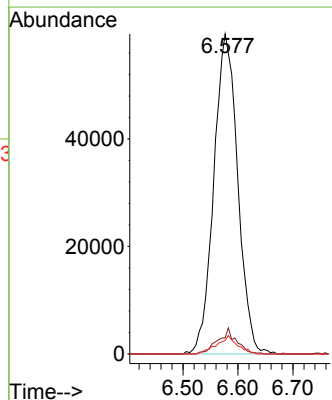
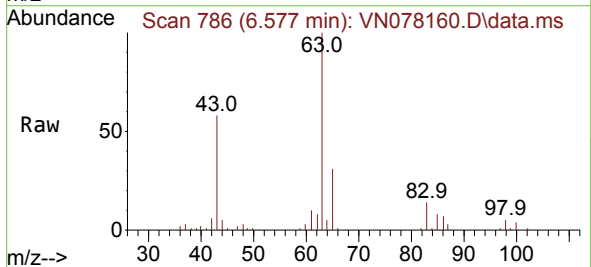
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

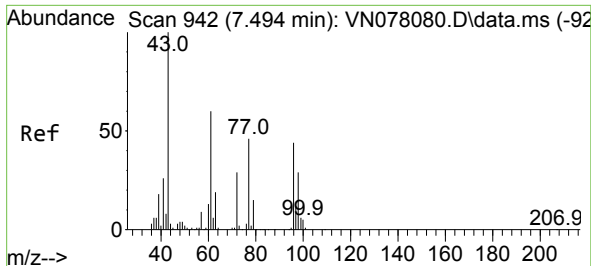
Tgt Ion: 43 Resp: 809868
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.508 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion: 63 Resp: 179958
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.9 11.7
 100 4.2 2.5 7.4

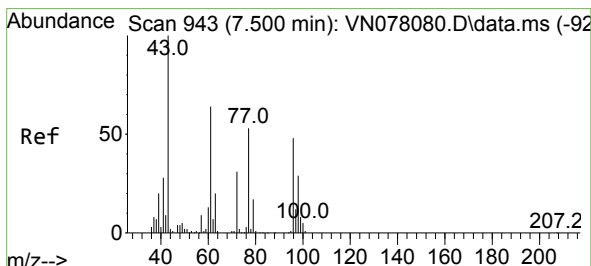
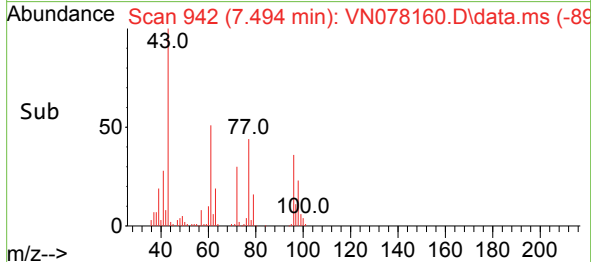
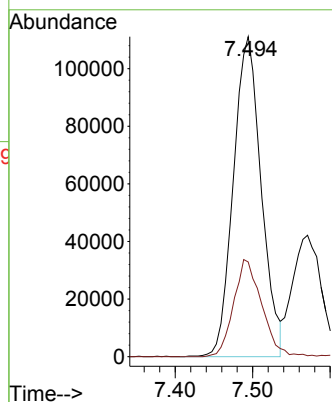
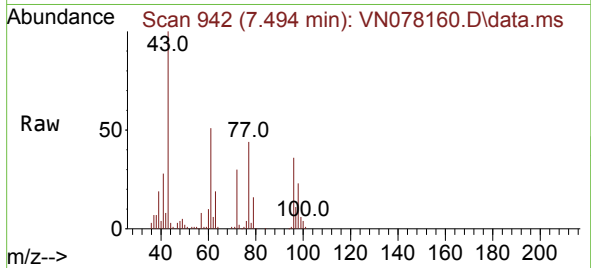




#25
2-Butanone
Concen: 111.182 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

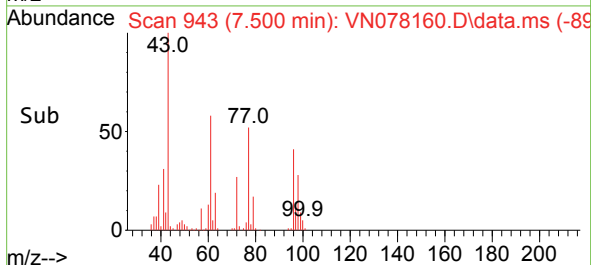
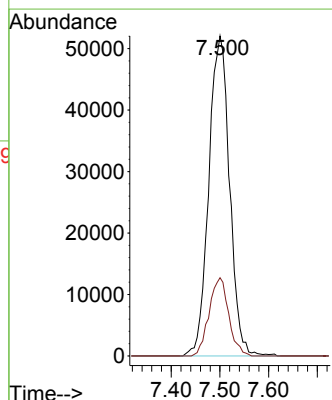
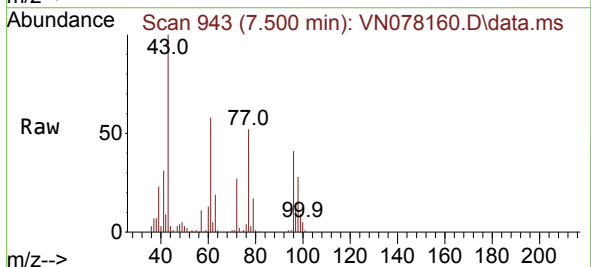
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

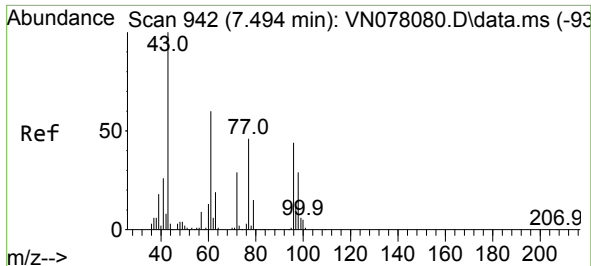
Tgt Ion: 43 Resp: 278362
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 23.804 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 77 Resp: 154230
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6

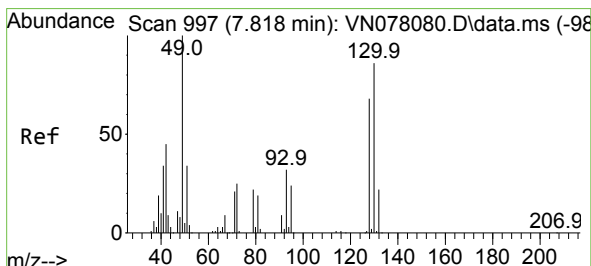
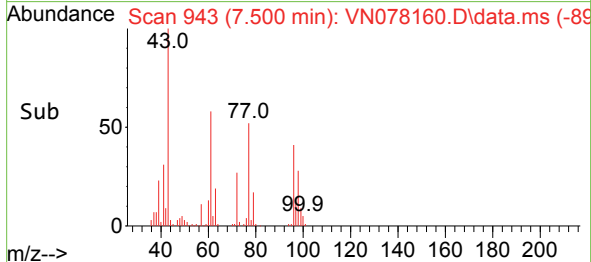
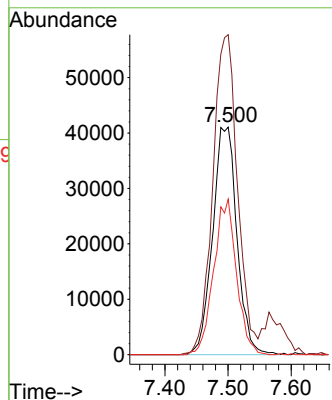
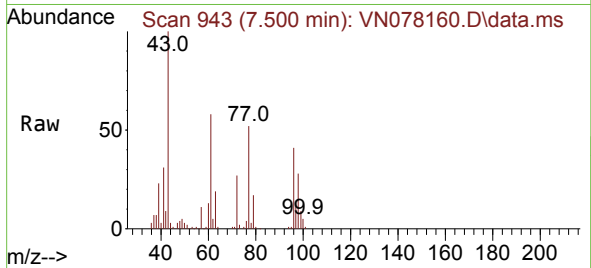




#27
 cis-1,2-Dichloroethene
 Concen: 18.465 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

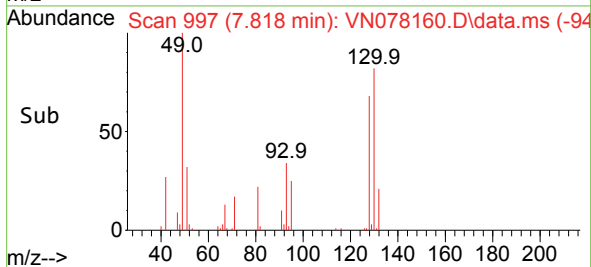
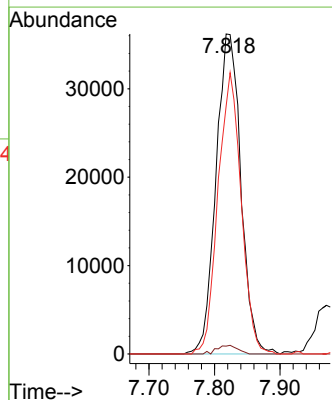
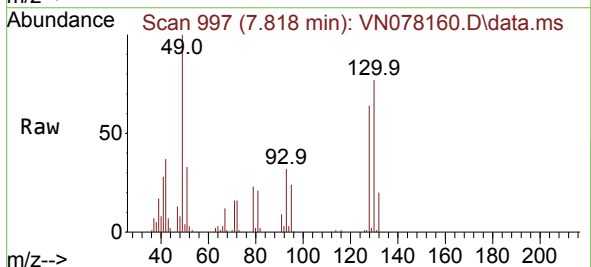
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

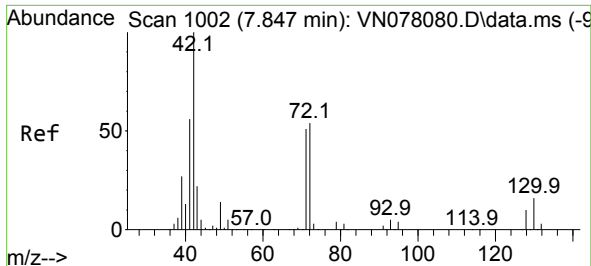
Tgt Ion: 96 Resp: 110053
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 255.2
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 23.626 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion: 49 Resp: 95189
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 81.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 105.510 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

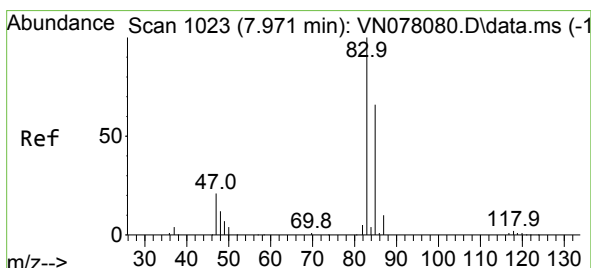
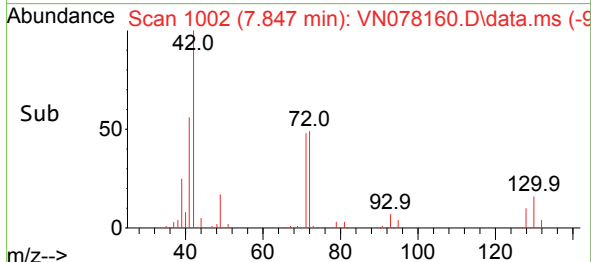
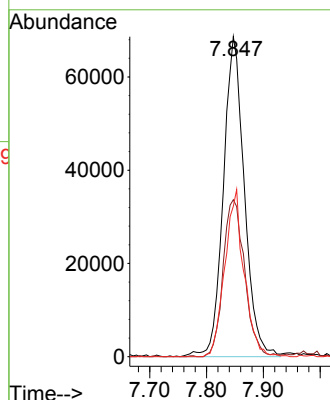
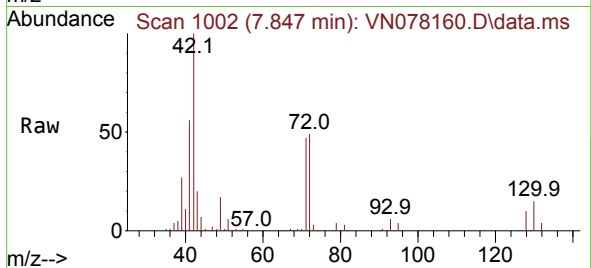
Tgt Ion: 42 Resp: 176594

Ion Ratio Lower Upper

42 100

72 50.3 49.8 74.6

71 47.9 47.4 71.2



#30

Chloroform

Concen: 20.136 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078160.D

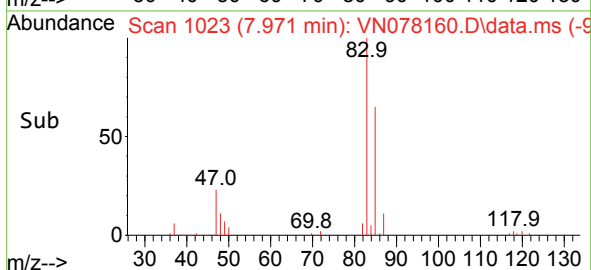
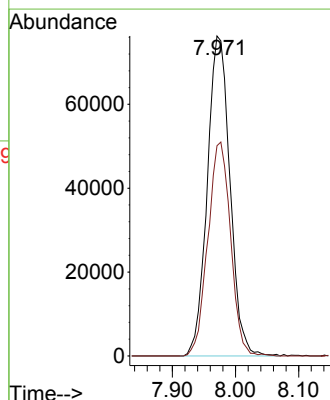
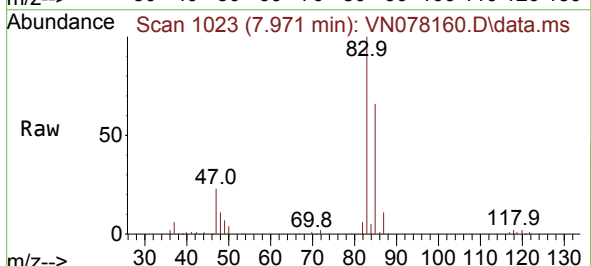
Acq: 12 Jun 2023 12:30

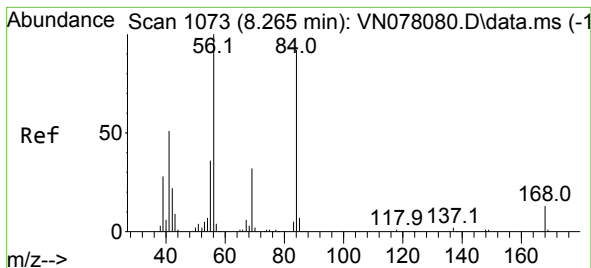
Tgt Ion: 83 Resp: 190265

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0





#31

Cyclohexane

Concen: 19.895 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

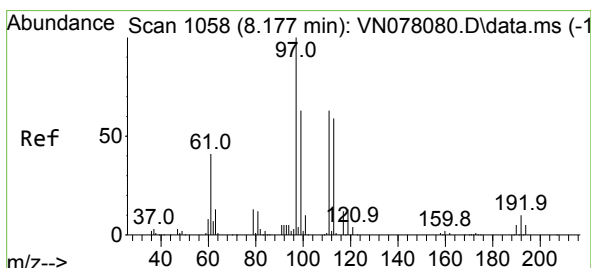
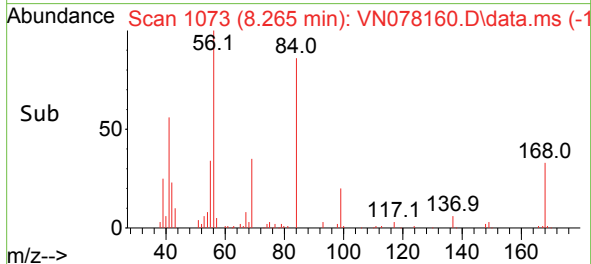
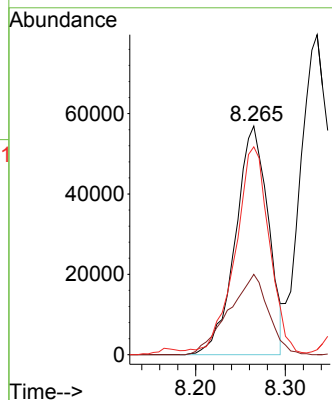
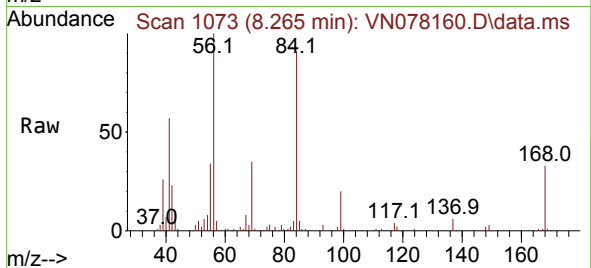
Tgt Ion: 56 Resp: 144352

Ion Ratio Lower Upper

56 100

69 34.7 26.8 40.2

84 89.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.632 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

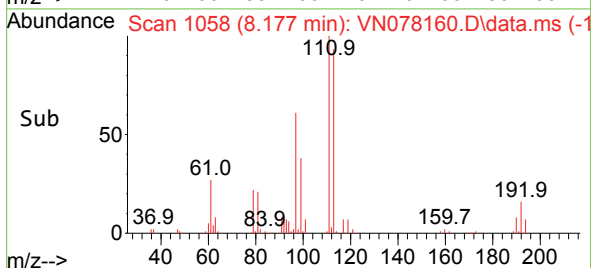
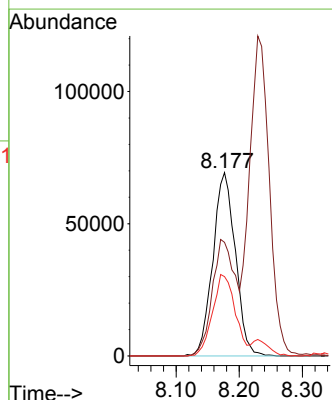
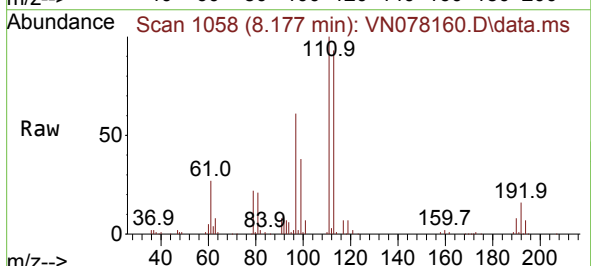
Tgt Ion: 97 Resp: 171157

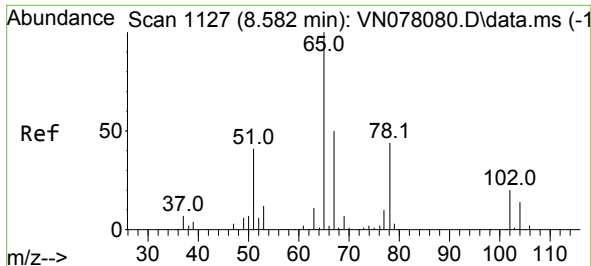
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.211 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

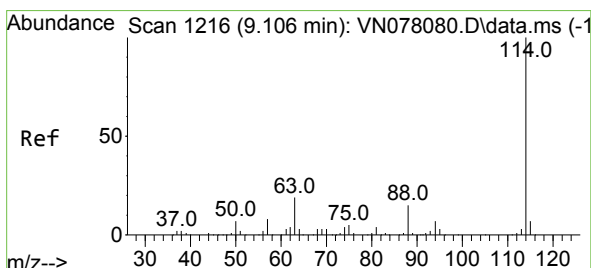
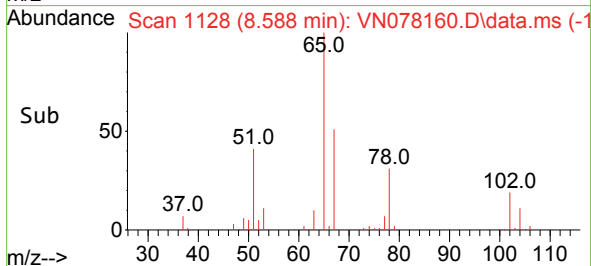
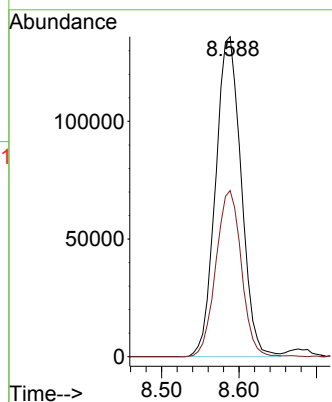
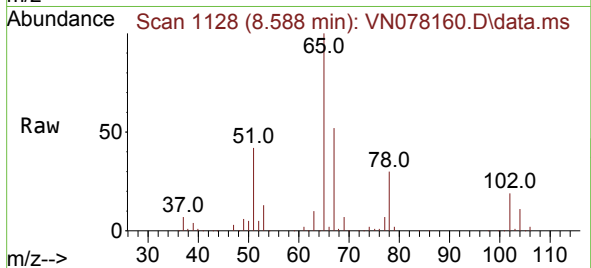
VN0612WBS01

Tgt Ion: 65 Resp: 312291

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

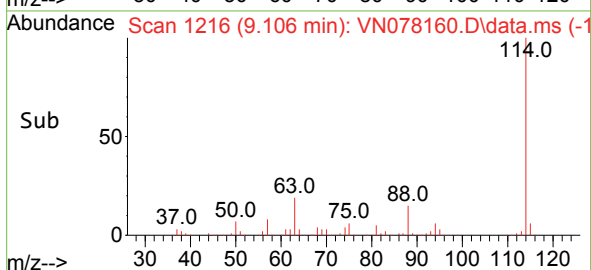
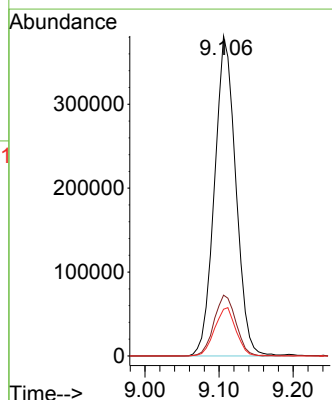
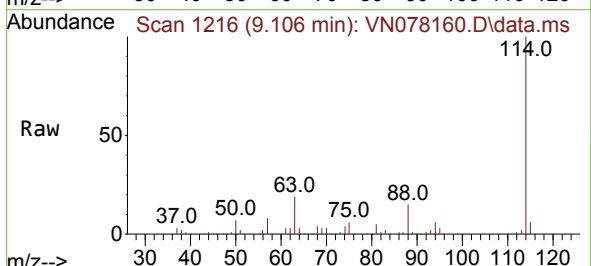
Tgt Ion: 114 Resp: 759992

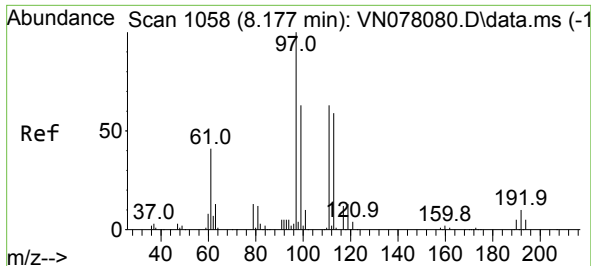
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 14.6 0.0 30.6

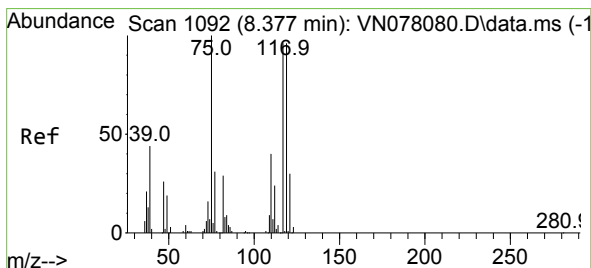
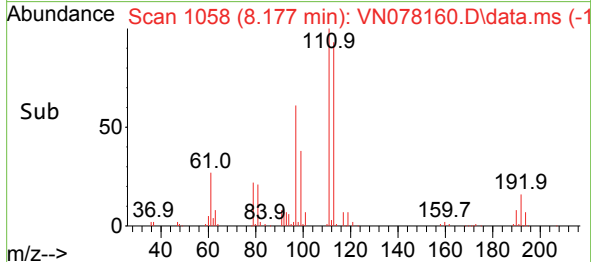
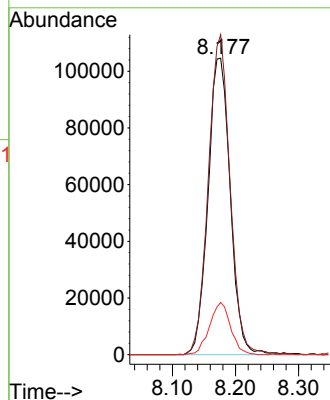
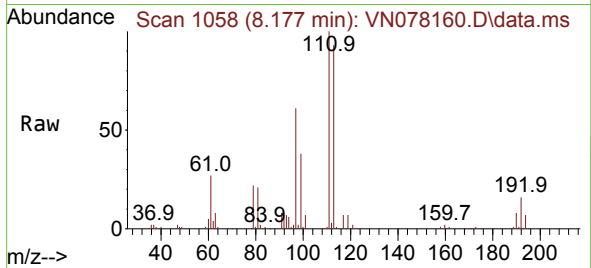




#35
Dibromofluoromethane
Concen: 53.275 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

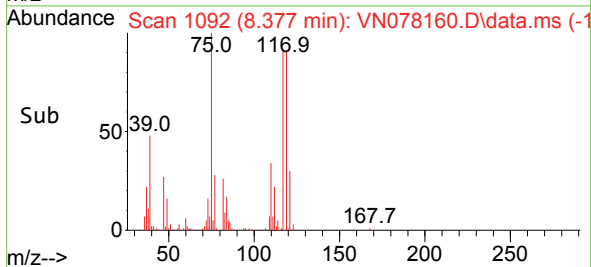
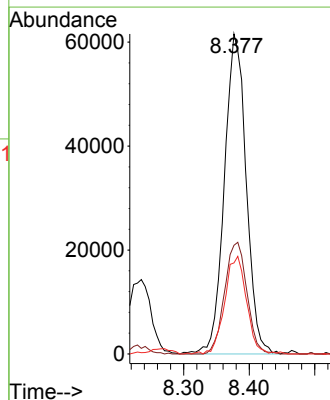
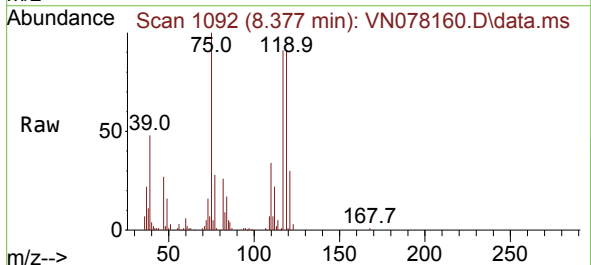
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

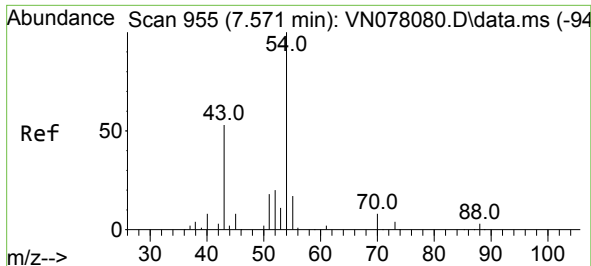
Tgt Ion:113 Resp: 256005
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.682 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 75 Resp: 142553
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 20.906 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

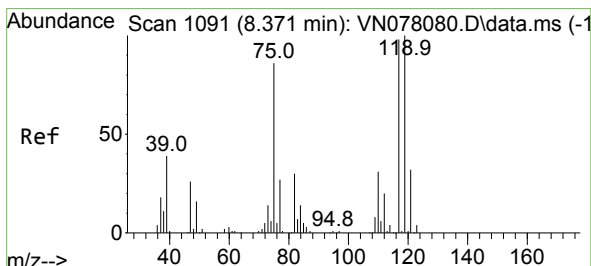
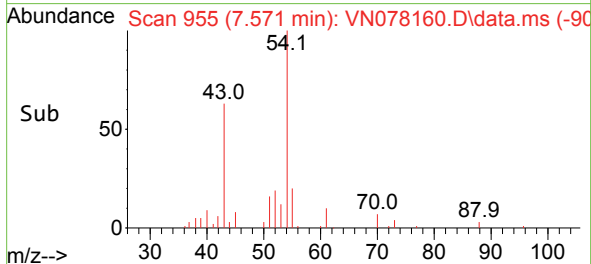
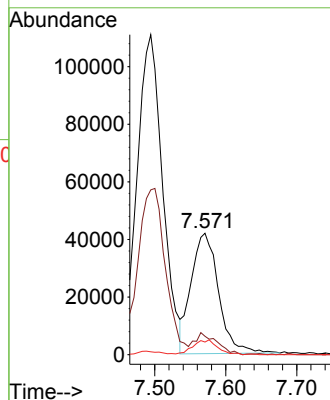
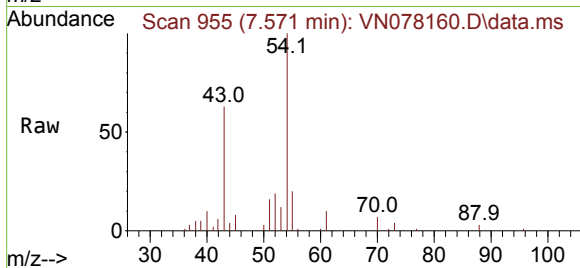
Tgt Ion: 43 Resp: 112569

Ion Ratio Lower Upper

43 100

61 14.0 13.2 19.8

70 10.9 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 20.620 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

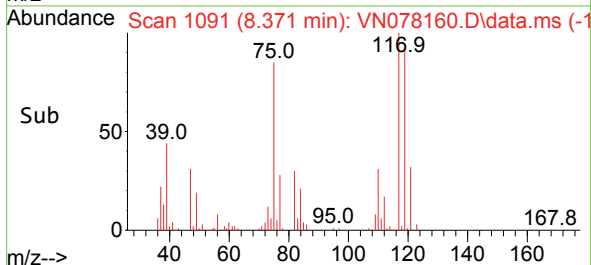
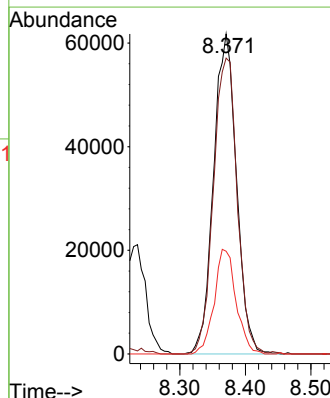
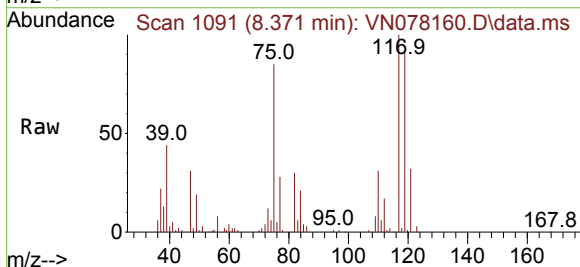
Tgt Ion: 117 Resp: 150069

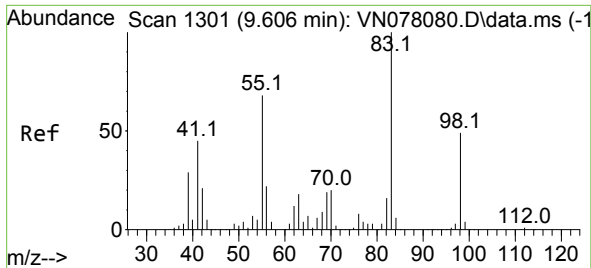
Ion Ratio Lower Upper

117 100

119 92.4 77.3 115.9

121 32.1 23.3 34.9

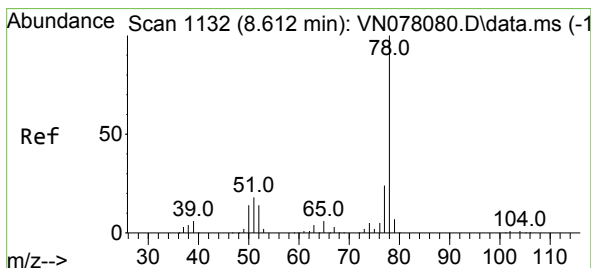
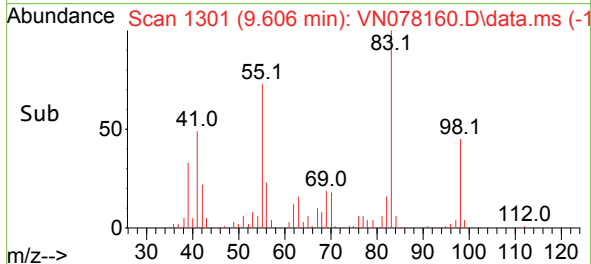
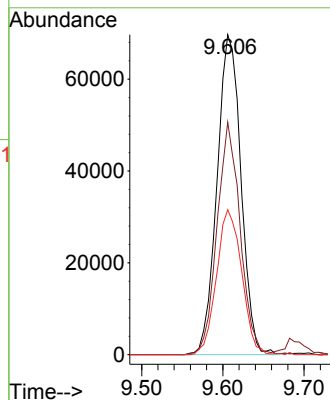
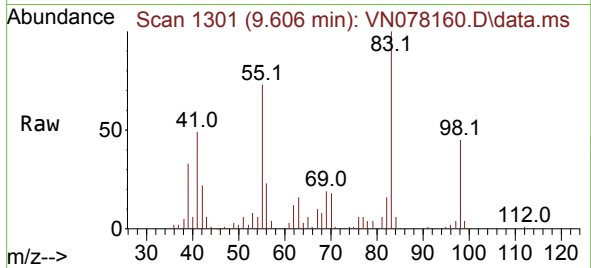




#39
Methylcyclohexane
Concen: 20.024 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

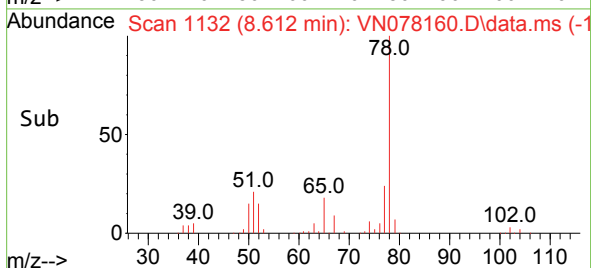
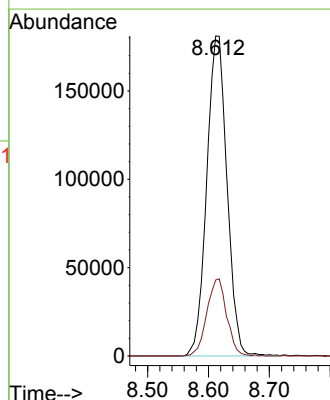
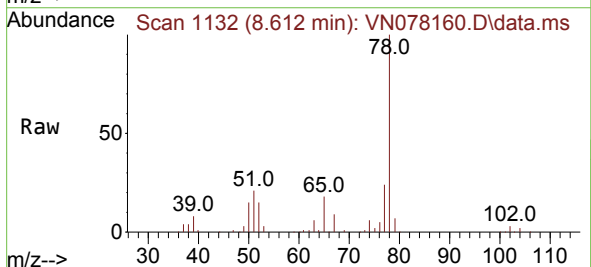
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

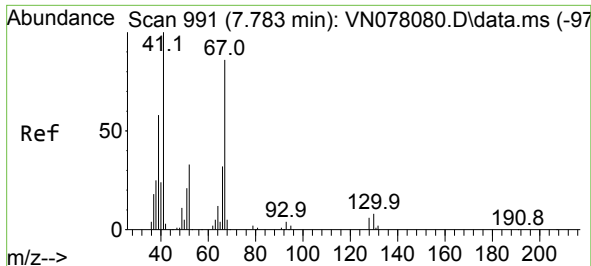
Tgt Ion: 83 Resp: 143031
Ion Ratio Lower Upper
83 100
55 72.7 49.1 73.7
98 45.3 40.6 61.0



#40
Benzene
Concen: 20.339 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 78 Resp: 418518
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

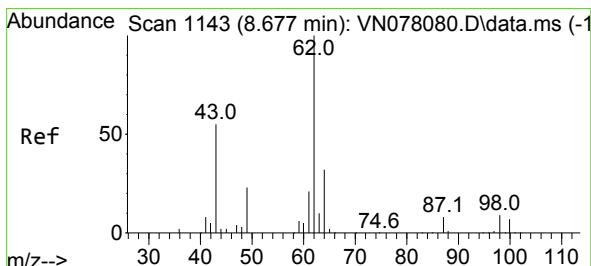
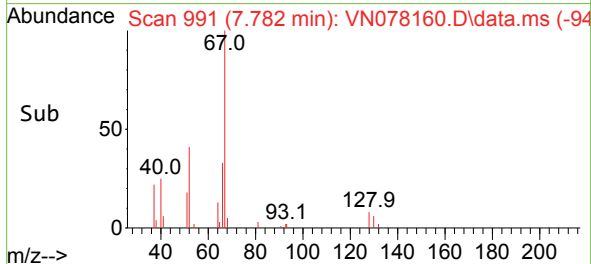
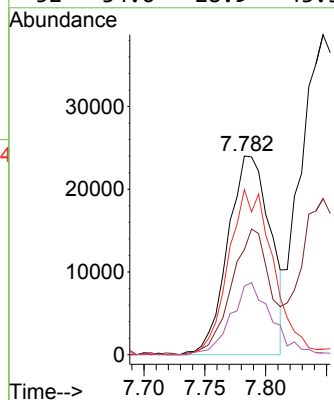
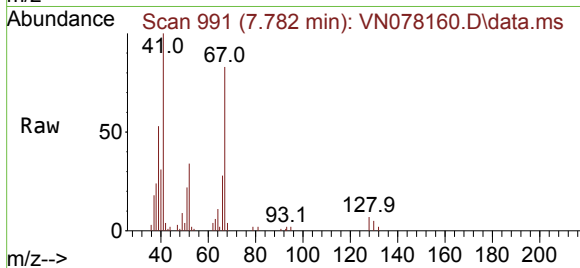




#41
Methacrylonitrile
Concen: 20.023 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

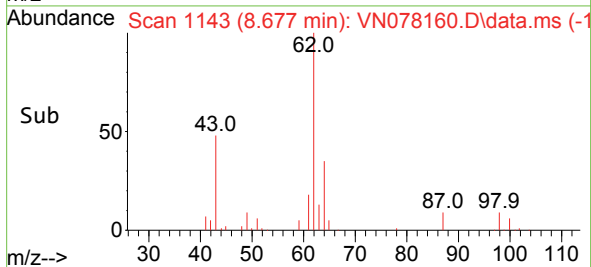
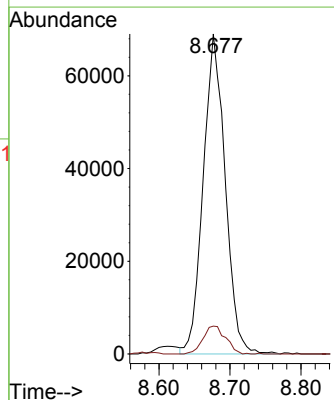
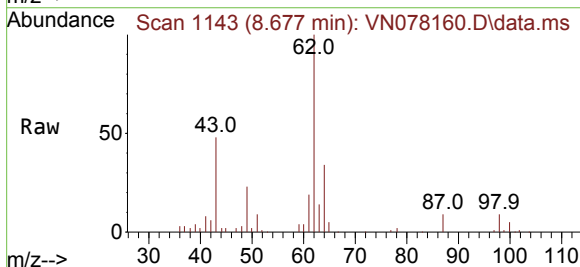
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

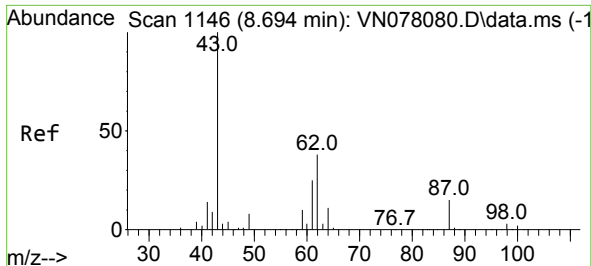
Tgt Ion:	41	Resp:	58440
Ion Ratio	Lower	Upper	
41	100		
39	57.1	42.6	64.0
67	88.3	77.5	116.3
52	34.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.022 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:	62	Resp:	148317
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	19.8

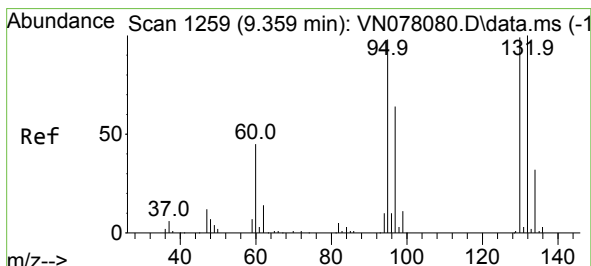
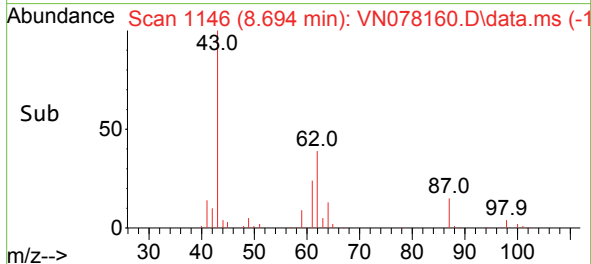
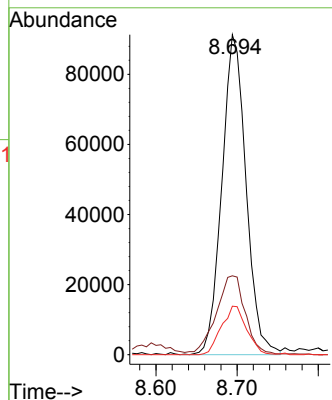
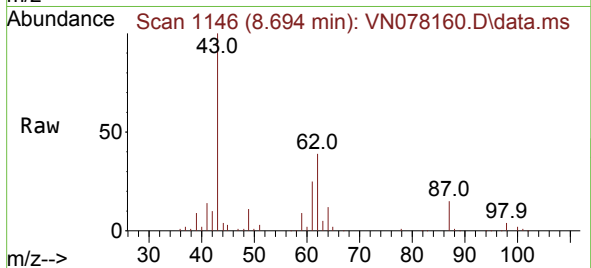




#43
Isopropyl Acetate
Concen: 18.364 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

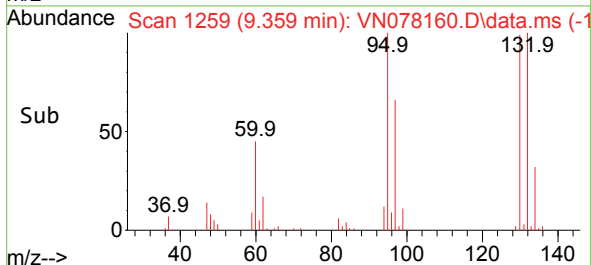
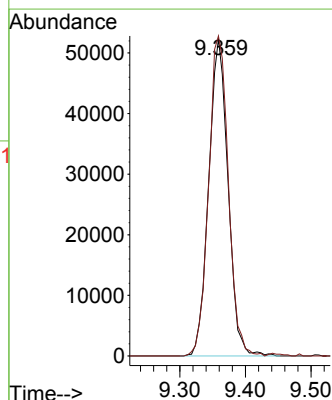
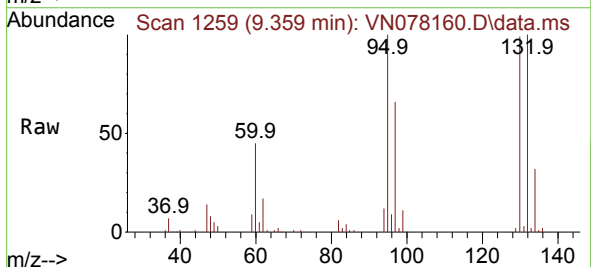
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

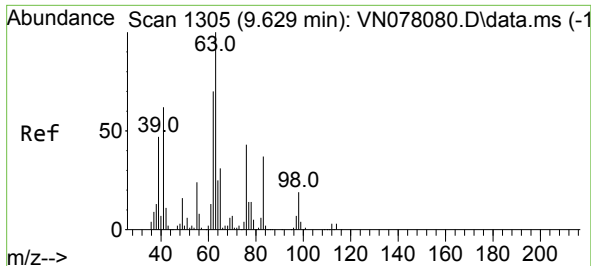
Tgt Ion: 43 Resp: 189105
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.8 14.6 21.8



#44
Trichloroethene
Concen: 19.694 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:130 Resp: 107021
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.729 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

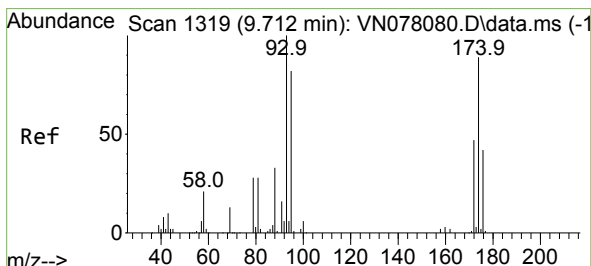
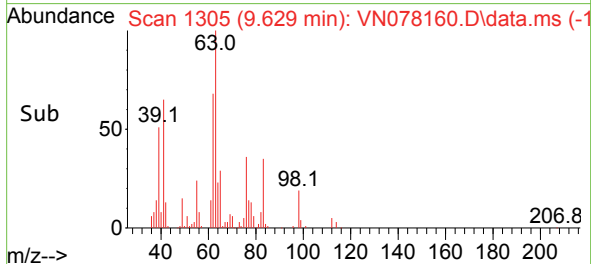
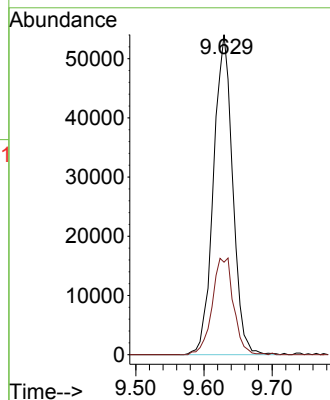
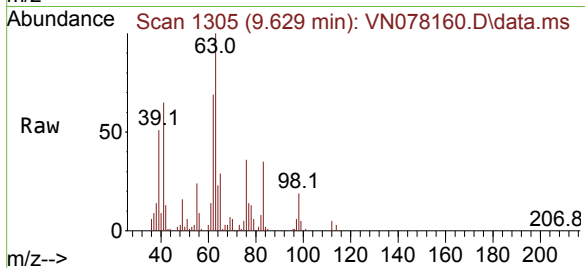
VN0612WBS01

Tgt Ion: 63 Resp: 106127

Ion Ratio Lower Upper

63 100

65 28.9 23.9 35.9



#46

Dibromomethane

Concen: 19.985 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

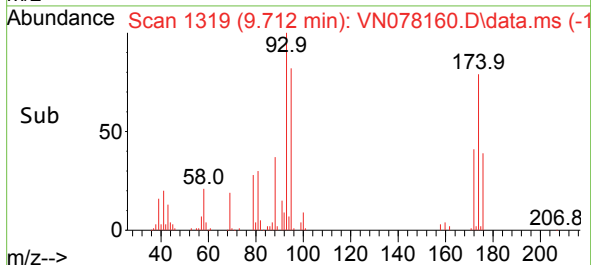
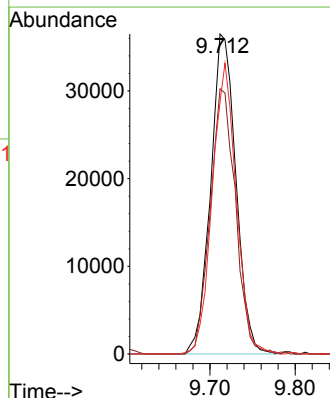
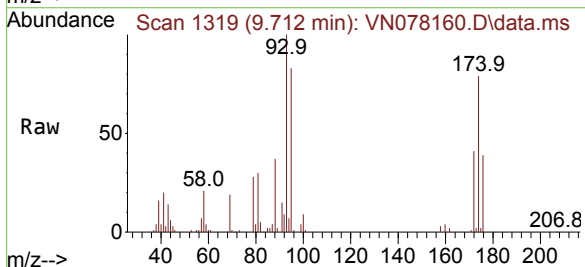
Tgt Ion: 93 Resp: 75365

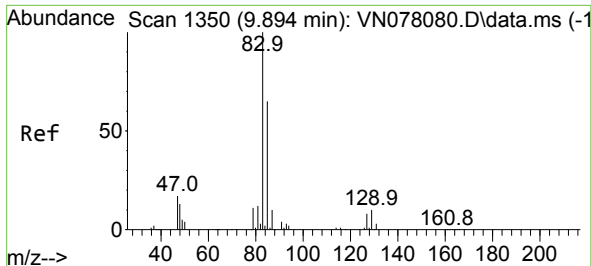
Ion Ratio Lower Upper

93 100

95 83.1 63.8 95.8

174 86.3 65.6 98.4

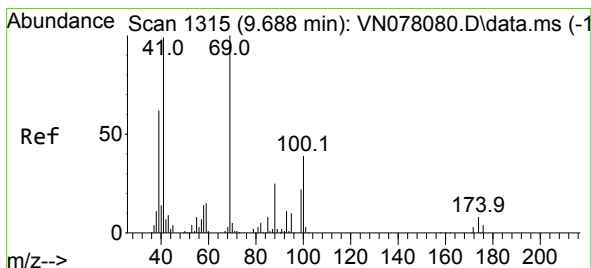
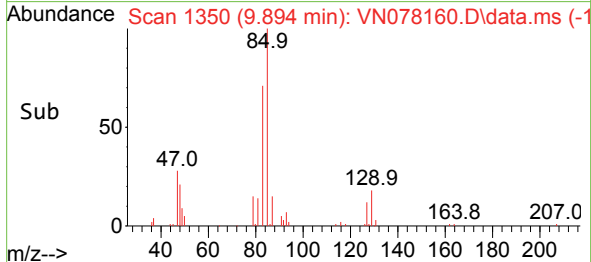
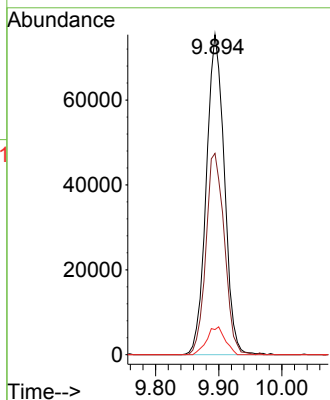
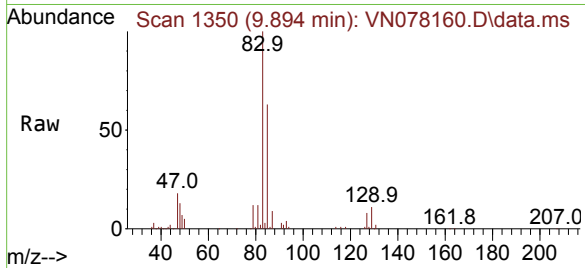




#47
Bromodichloromethane
Concen: 21.377 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

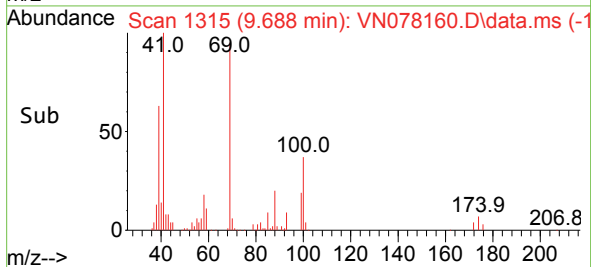
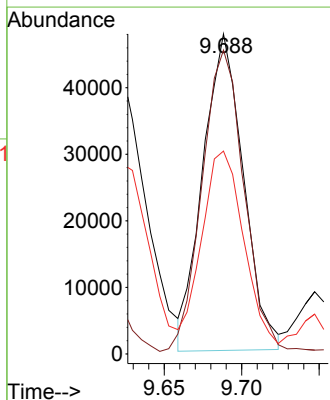
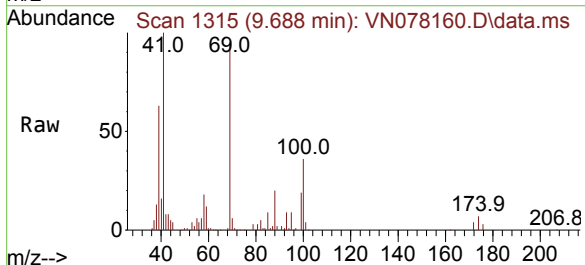
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

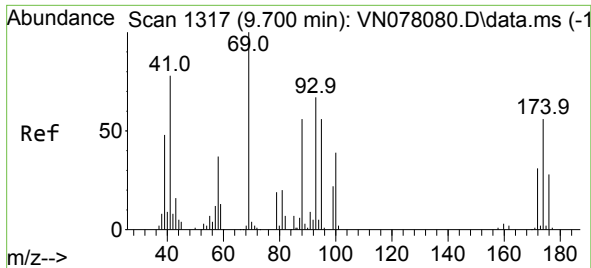
Tgt Ion: 83 Resp: 149744
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 19.995 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 41 Resp: 86407
Ion Ratio Lower Upper
41 100
69 102.4 90.4 135.6
39 67.5 54.6 81.8

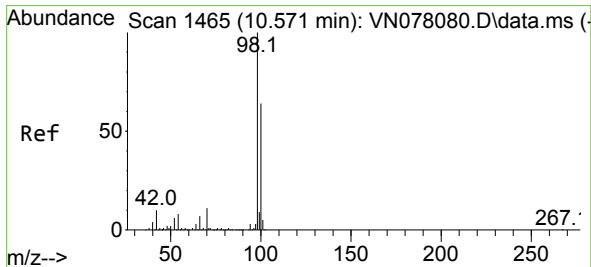
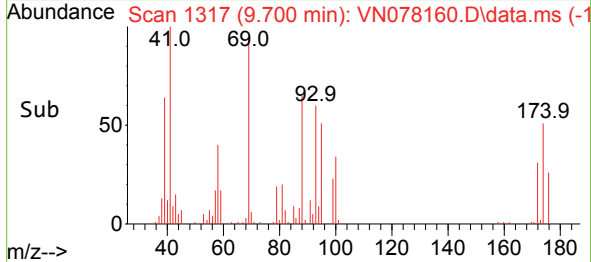
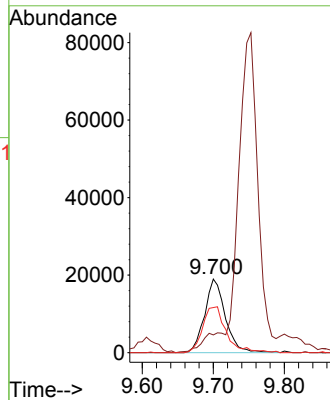
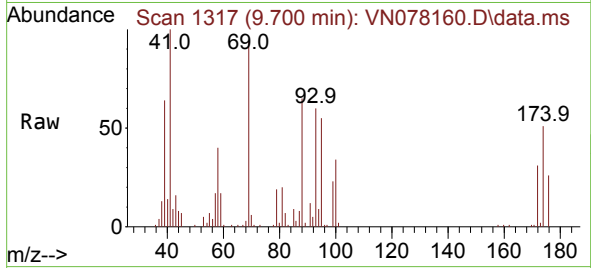




#49
1,4-Dioxane
Concen: 423.843 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

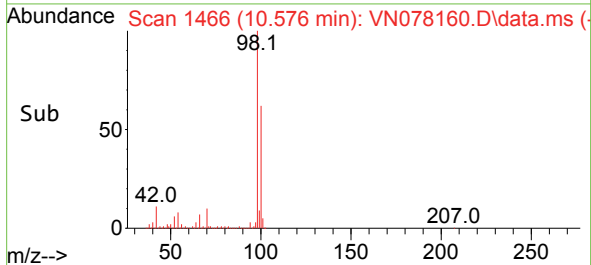
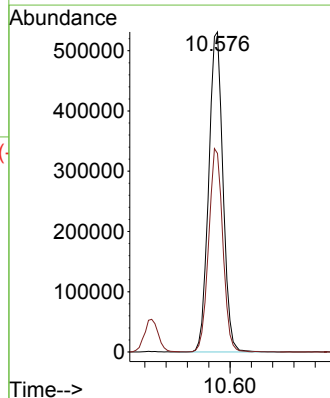
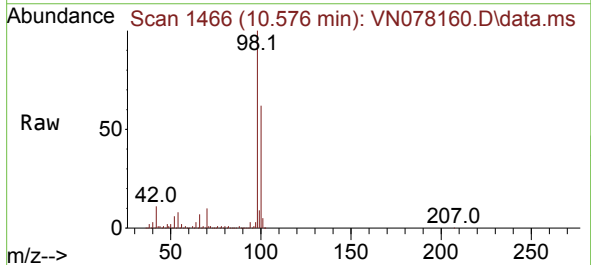
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

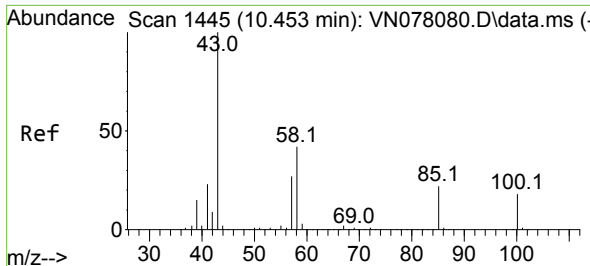
Tgt Ion: 88 Resp: 38497
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 71.2 47.0 70.4#



#50
Toluene-d8
Concen: 53.199 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 98 Resp: 985507
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 107.152 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

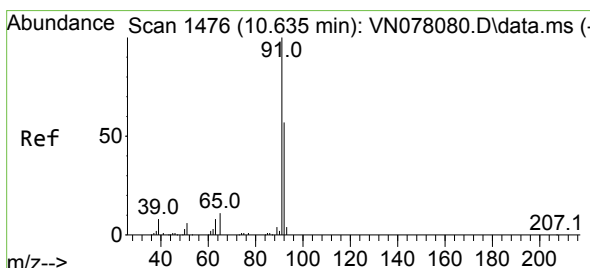
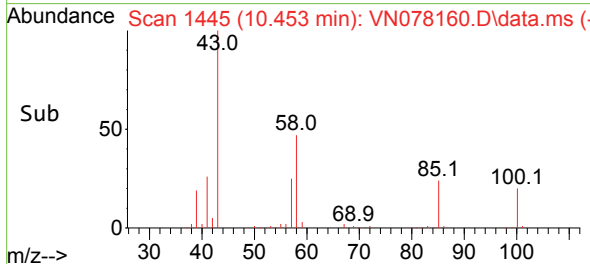
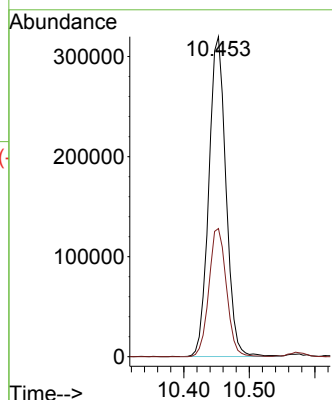
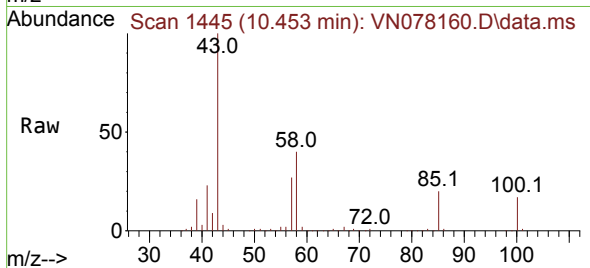
VN0612WBS01

Tgt Ion: 43 Resp: 581052

Ion Ratio Lower Upper

43 100

58 41.1 36.6 54.8



#52

Toluene

Concen: 20.503 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VN078160.D

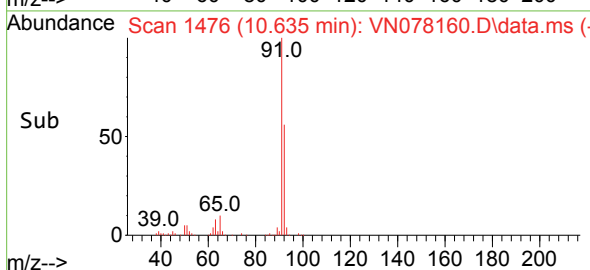
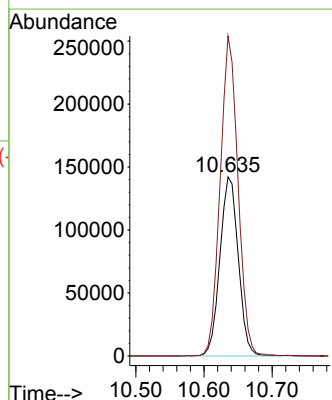
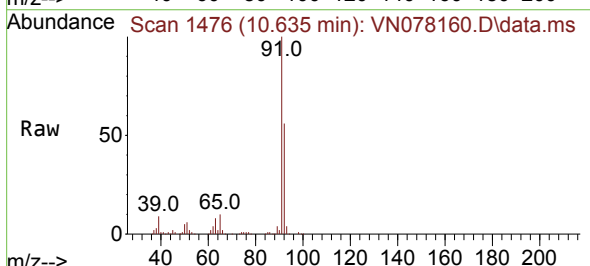
Acq: 12 Jun 2023 12:30

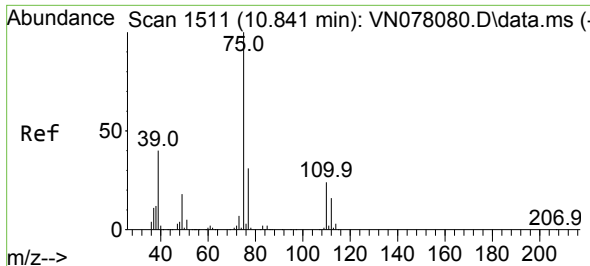
Tgt Ion: 92 Resp: 266373

Ion Ratio Lower Upper

92 100

91 173.8 137.4 206.0

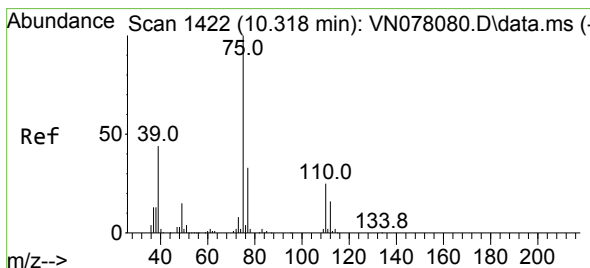
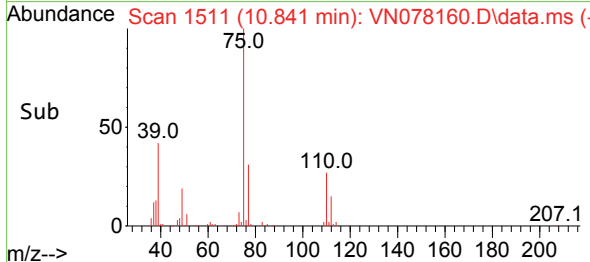
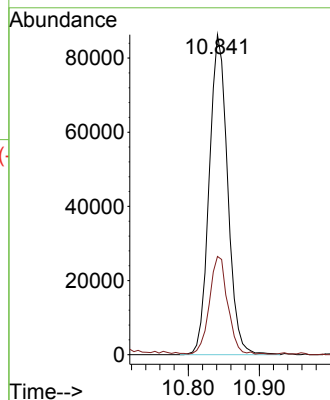
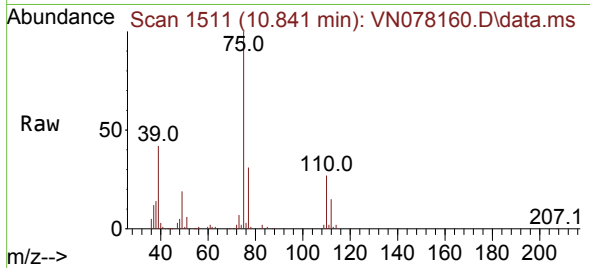




#53
 t-1,3-Dichloropropene
 Concen: 21.276 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

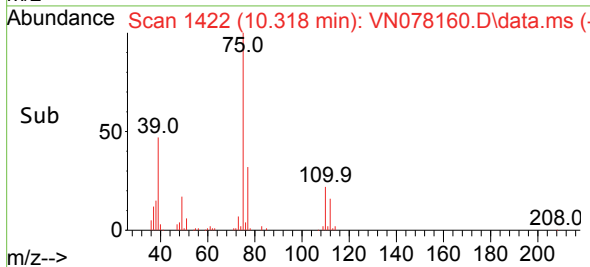
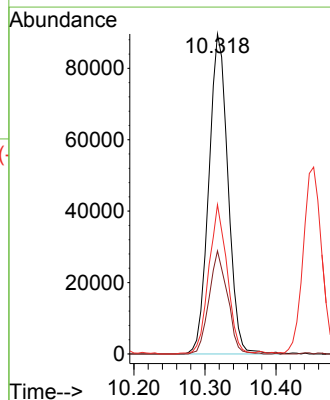
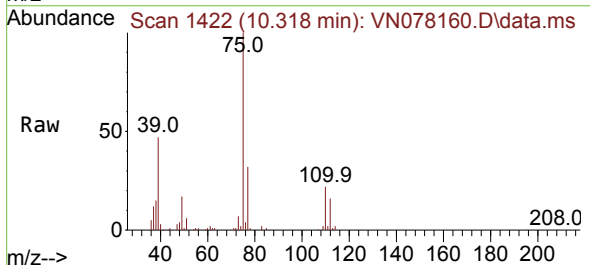
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

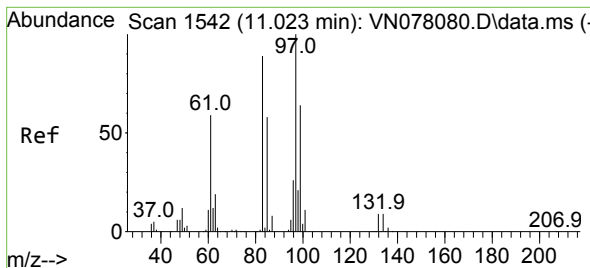
Tgt Ion: 75 Resp: 155210
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.821 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion: 75 Resp: 167901
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 46.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.148 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

Tgt Ion: 97 Resp: 103937

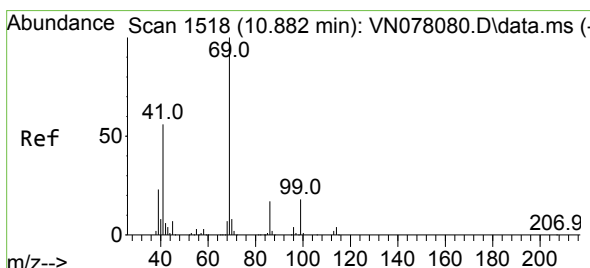
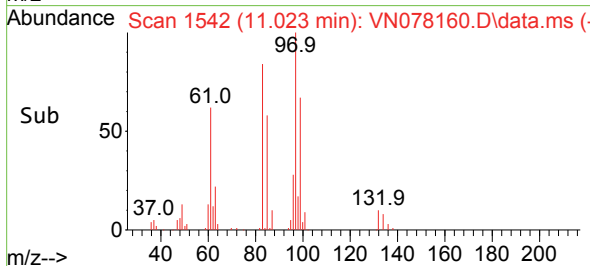
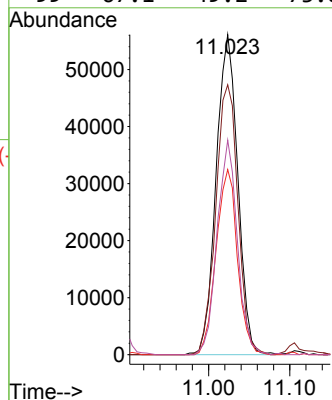
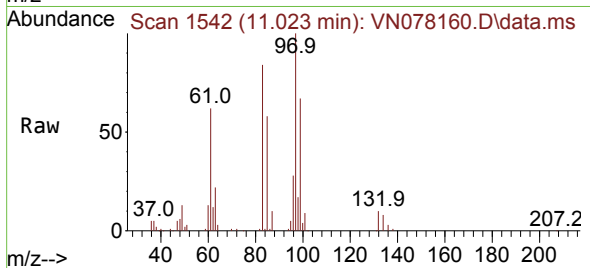
Ion Ratio Lower Upper

97 100

83 84.4 65.1 97.7

85 57.8 43.4 65.2

99 67.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.035 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

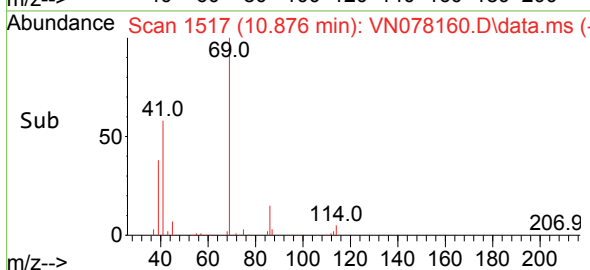
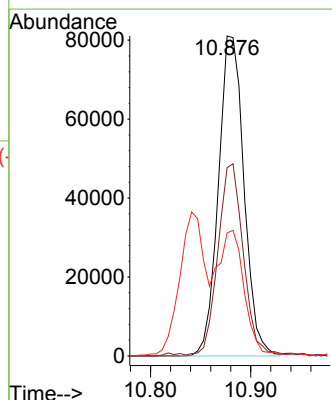
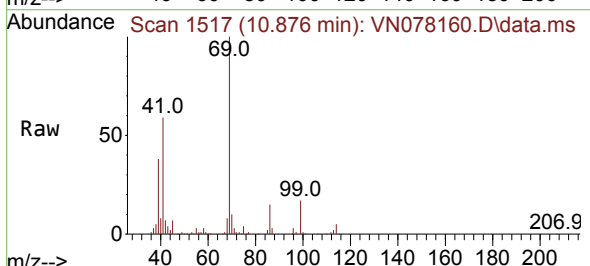
Tgt Ion: 69 Resp: 143376

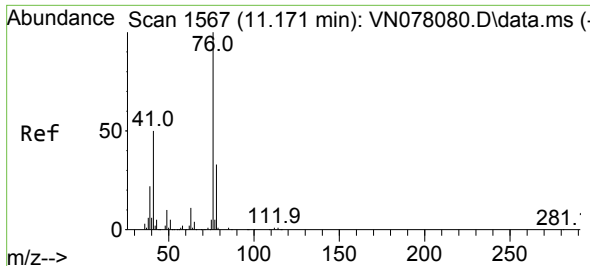
Ion Ratio Lower Upper

69 100

41 60.4 39.6 59.4#

39 40.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.000 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

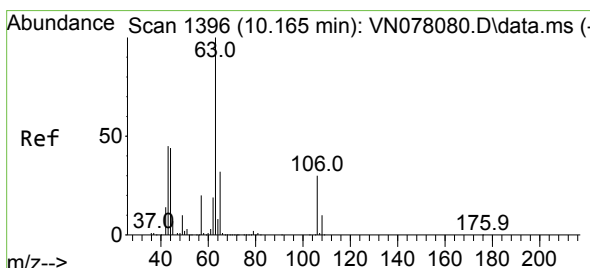
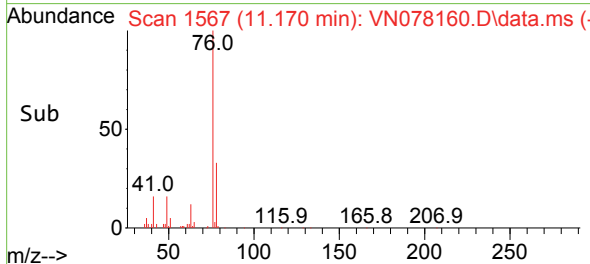
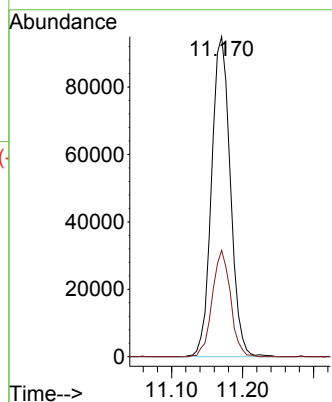
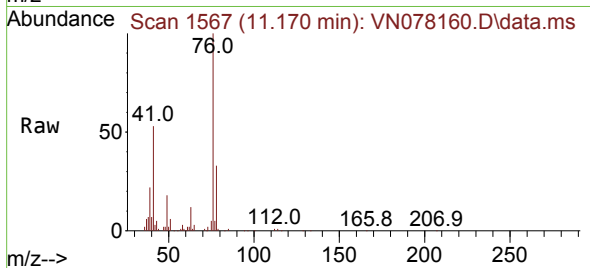
VN0612WBS01

Tgt Ion: 76 Resp: 174219

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 106.973 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078160.D

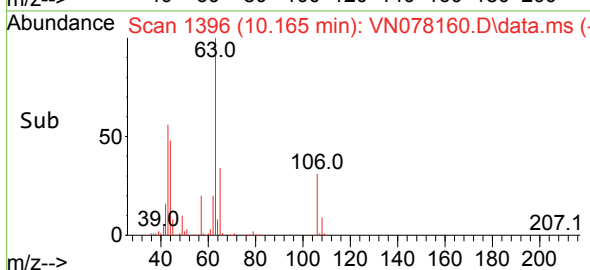
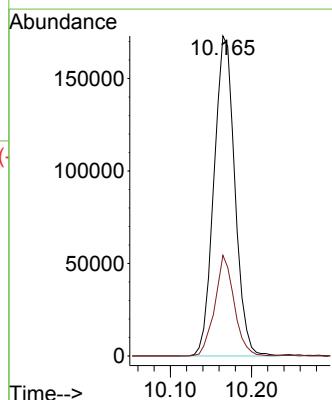
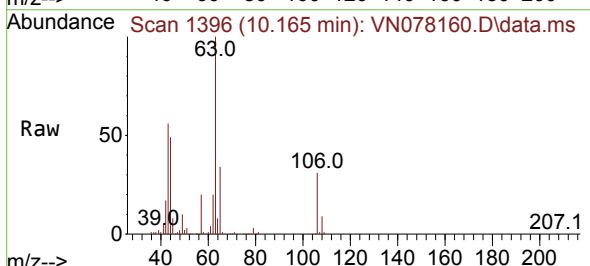
Acq: 12 Jun 2023 12:30

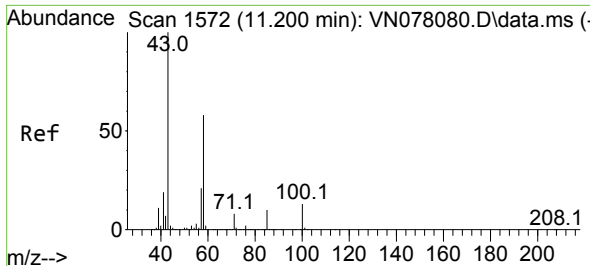
Tgt Ion: 63 Resp: 309252

Ion Ratio Lower Upper

63 100

106 29.3 26.2 39.4

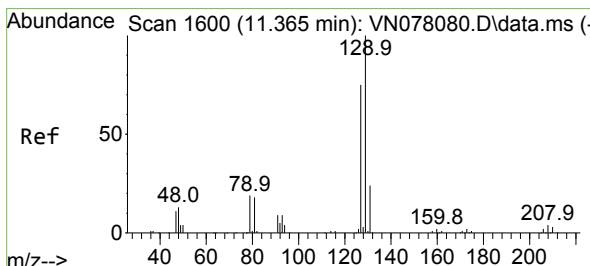
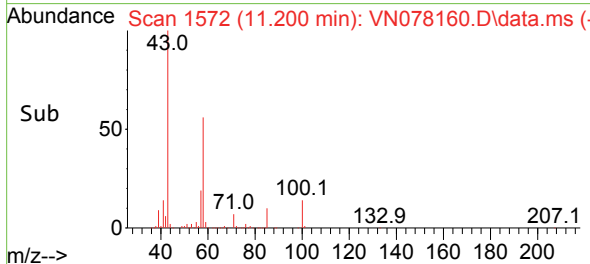
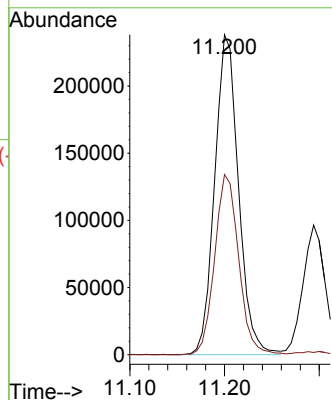
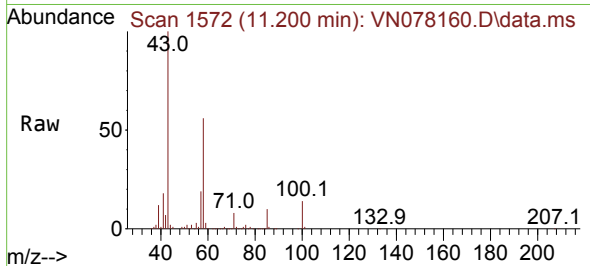




#59
2-Hexanone
Concen: 110.116 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

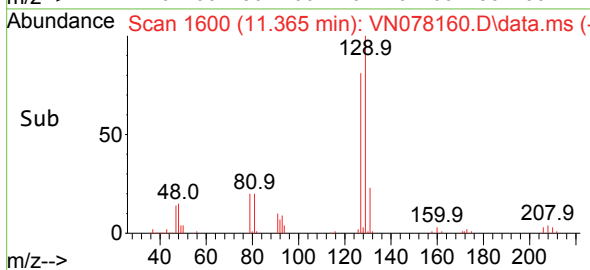
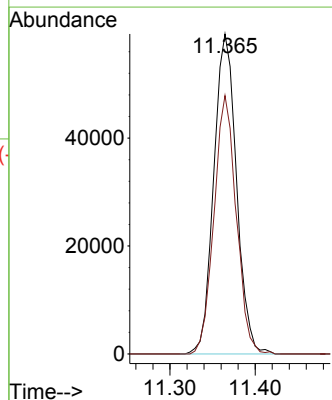
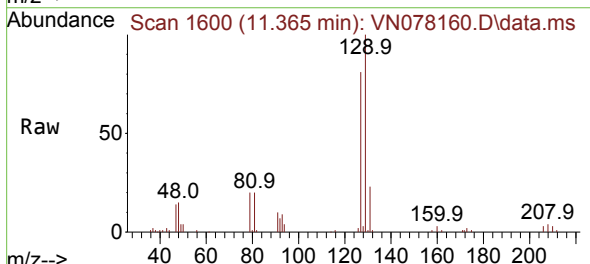
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

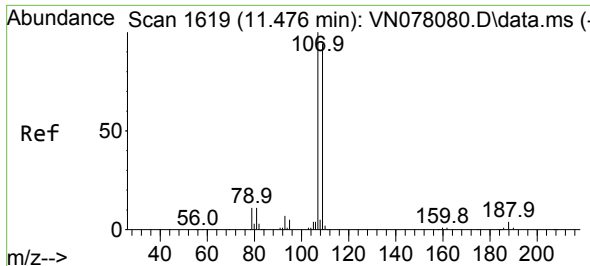
Tgt Ion: 43 Resp: 415770
Ion Ratio Lower Upper
43 100
58 56.9 31.7 95.1



#60
Dibromochloromethane
Concen: 20.447 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:129 Resp: 109963
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0

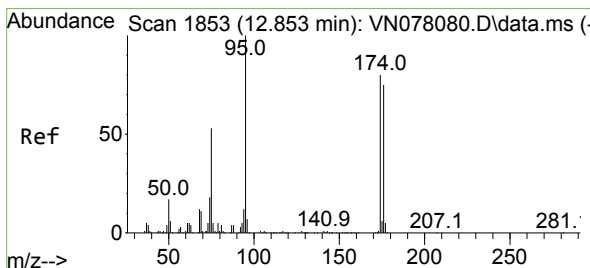
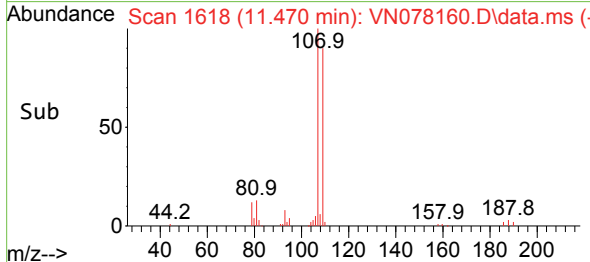
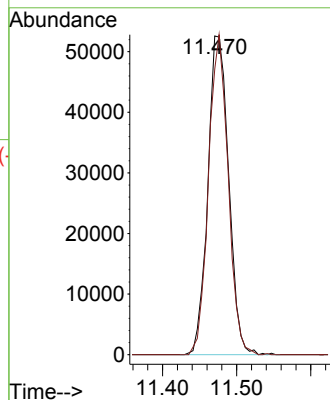
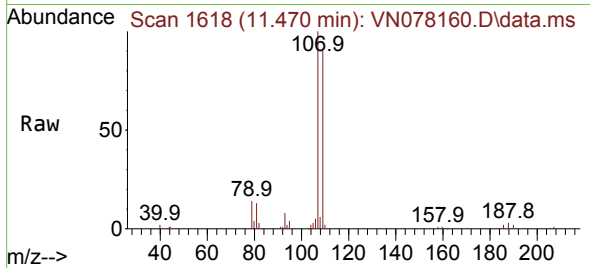




#61
1,2-Dibromoethane
Concen: 19.929 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

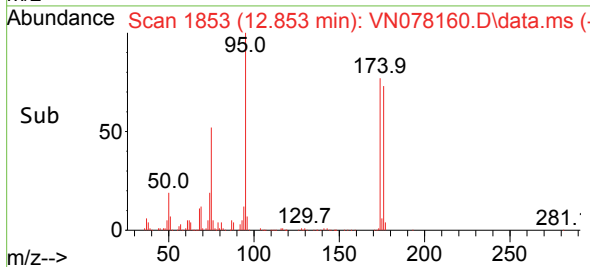
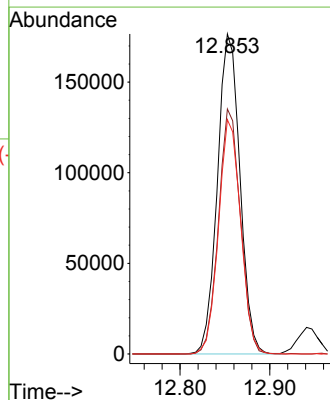
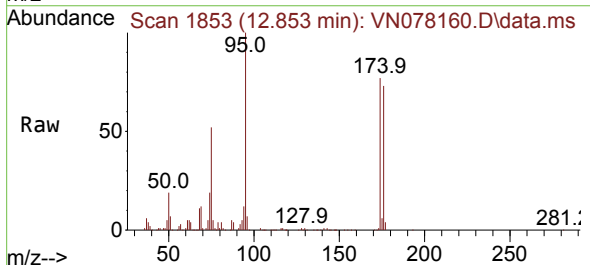
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

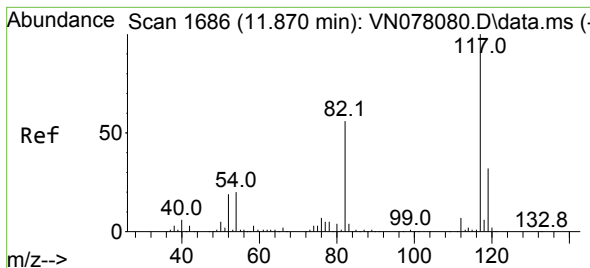
Tgt Ion:107 Resp: 102789
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.501 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 95 Resp: 308112
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.9 0.0 135.8

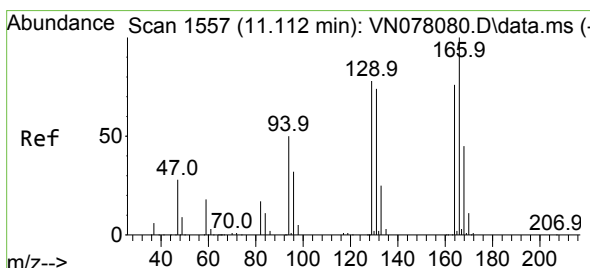
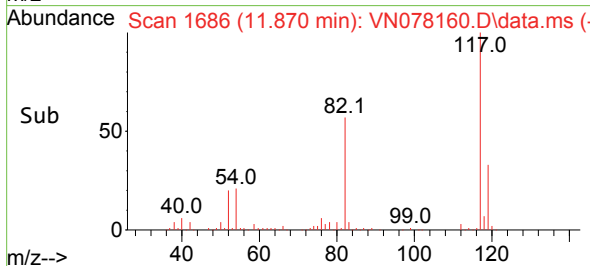
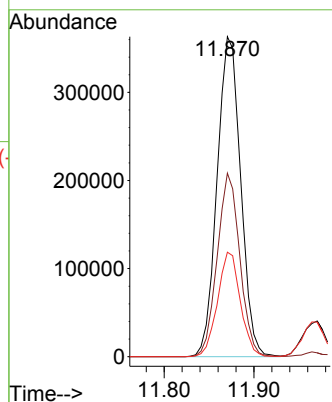
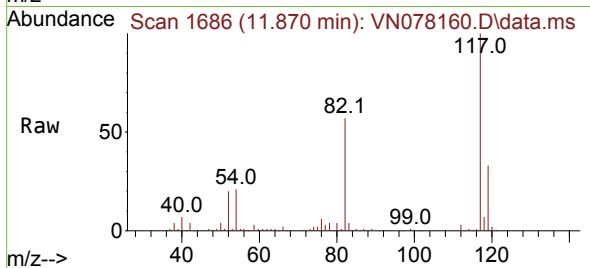




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

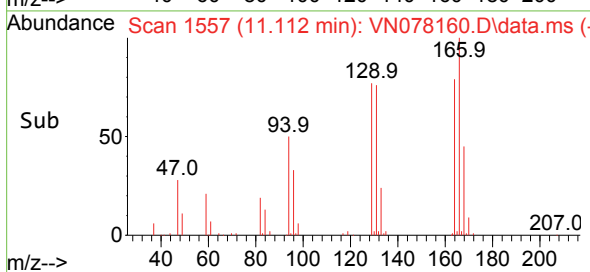
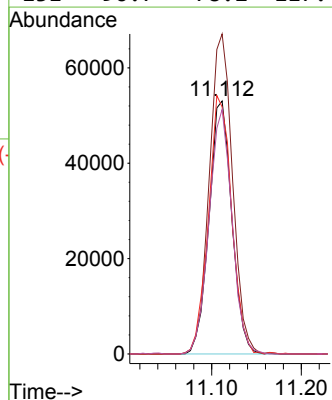
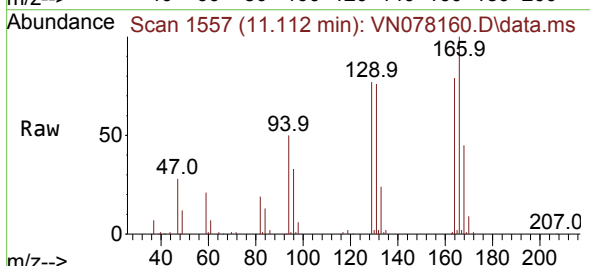
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

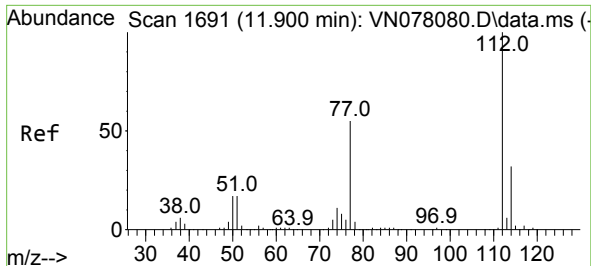
Tgt Ion:117 Resp: 662327
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 21.094 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:164 Resp: 93204
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 97.7 82.4 123.6
131 96.7 78.2 117.4

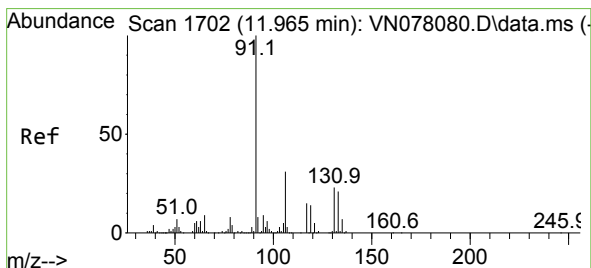
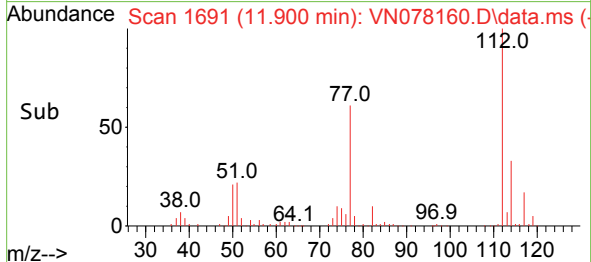
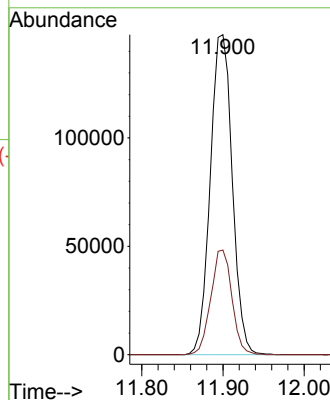
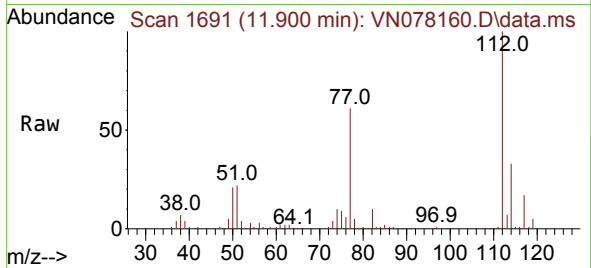




#65
Chlorobenzene
Concen: 19.620 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

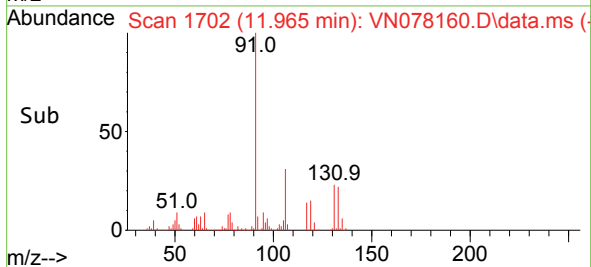
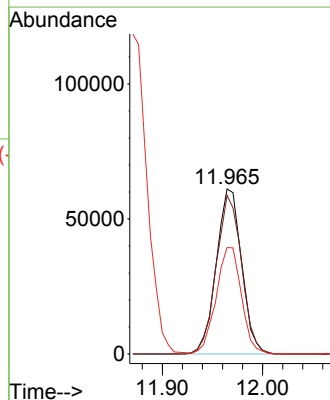
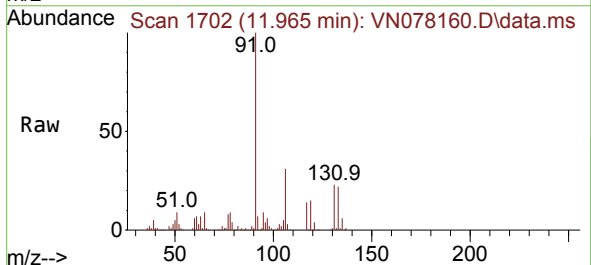
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

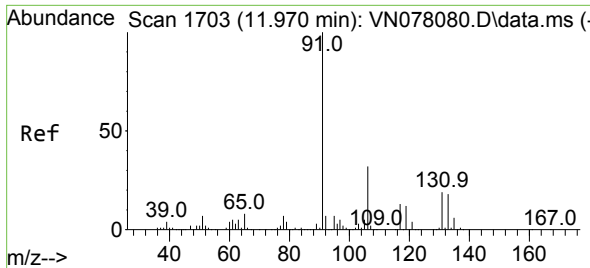
Tgt Ion:112 Resp: 278291
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.556 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:131 Resp: 107240
Ion Ratio Lower Upper
131 100
133 96.2 46.4 139.1
119 64.5 34.1 102.2

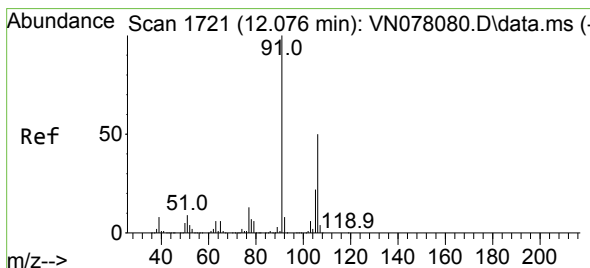
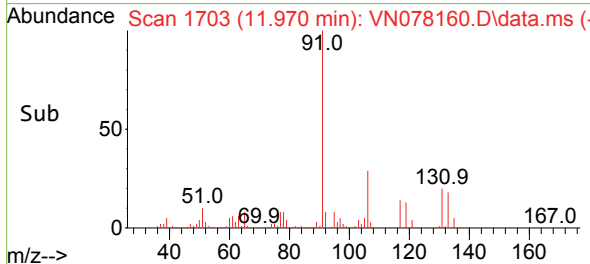
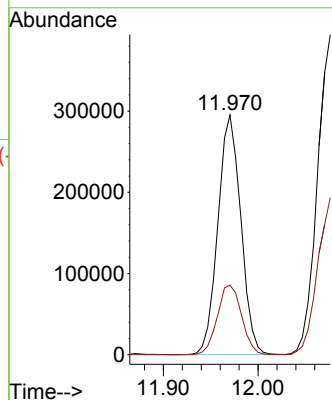
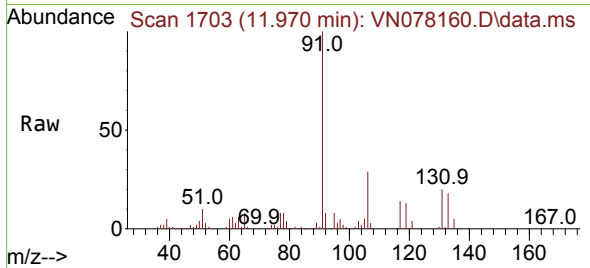




#67
Ethyl Benzene
Concen: 20.309 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

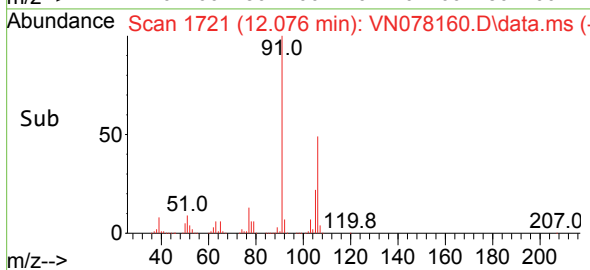
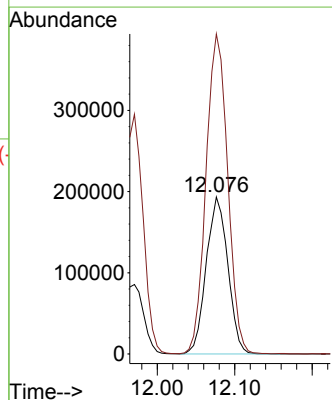
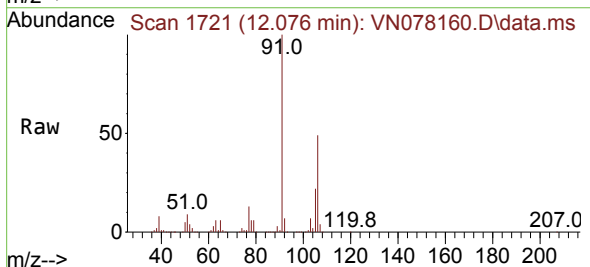
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

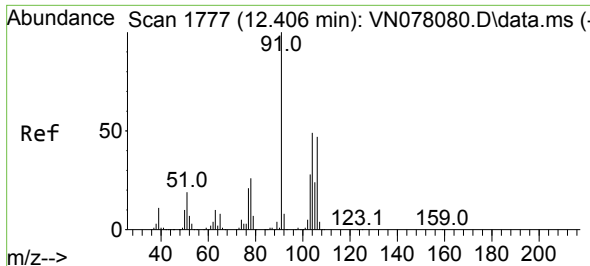
Tgt Ion: 91 Resp: 497060
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4



#68
m/p-Xylenes
Concen: 40.181 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 106 Resp: 374777
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4

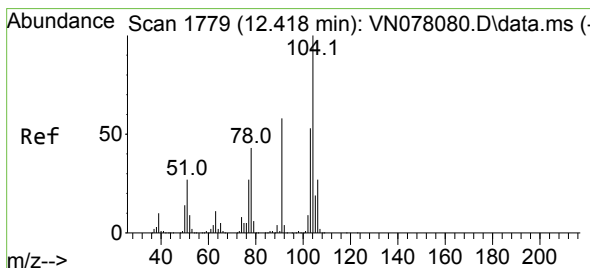
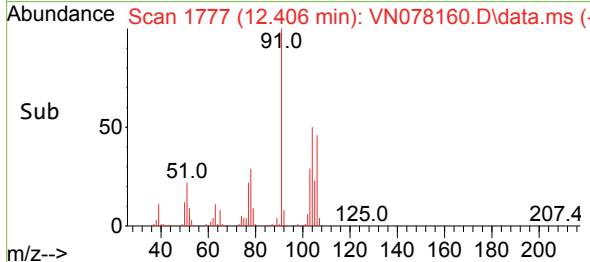
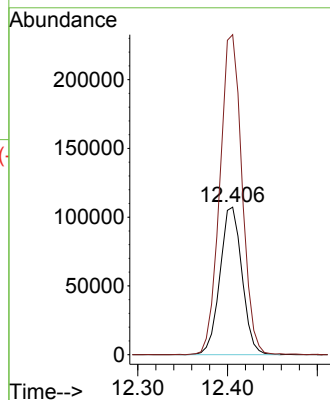
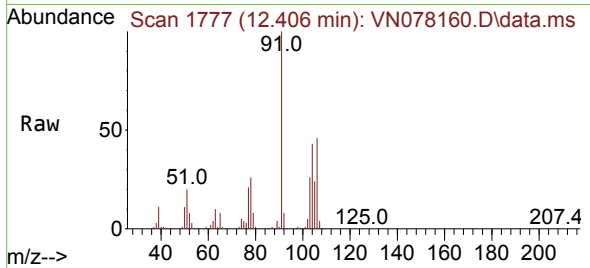




#69
o-Xylene
Concen: 19.941 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

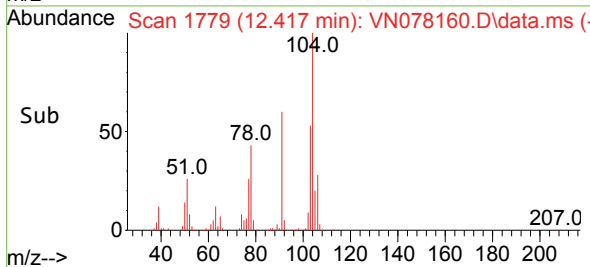
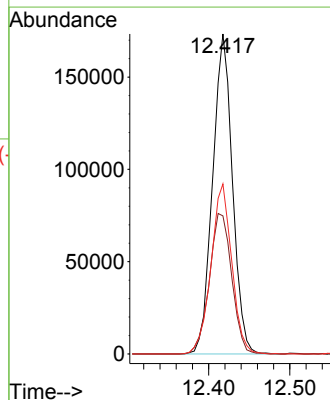
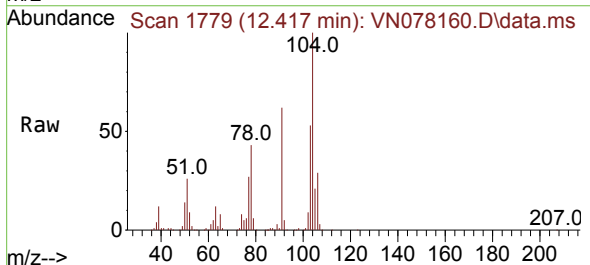
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

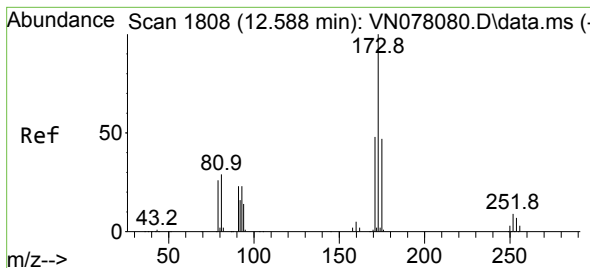
Tgt Ion:106 Resp: 182651
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5



#70
Styrene
Concen: 20.438 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:104 Resp: 294717
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 20.384 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

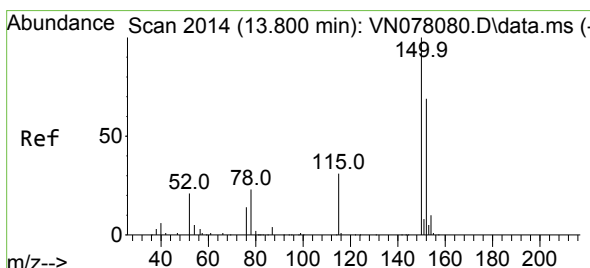
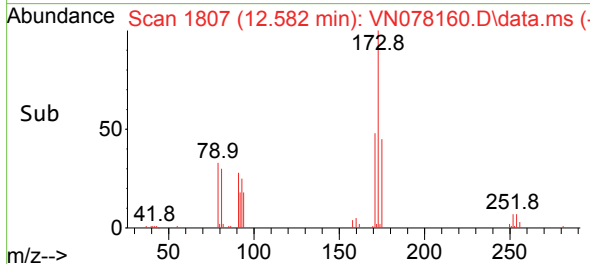
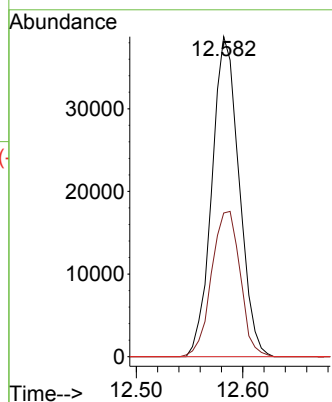
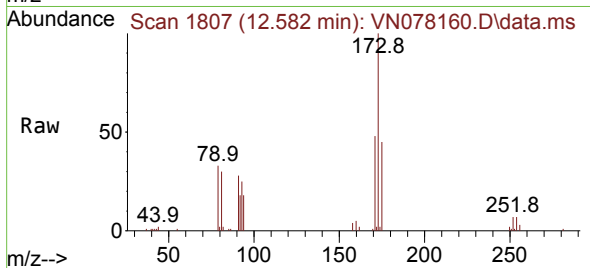
Tgt Ion:173 Resp: 68628

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

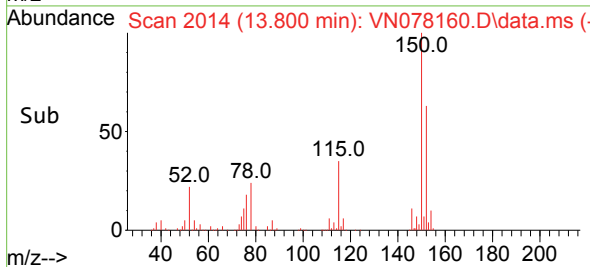
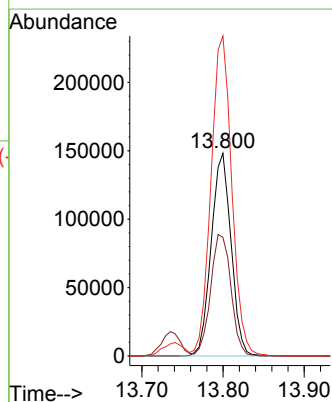
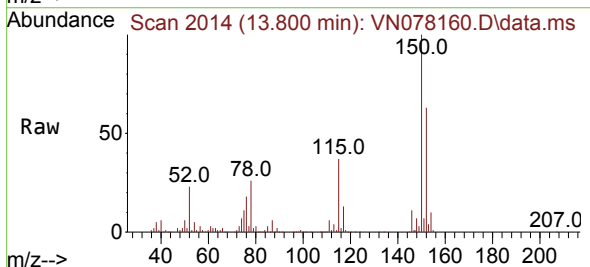
Tgt Ion:152 Resp: 251551

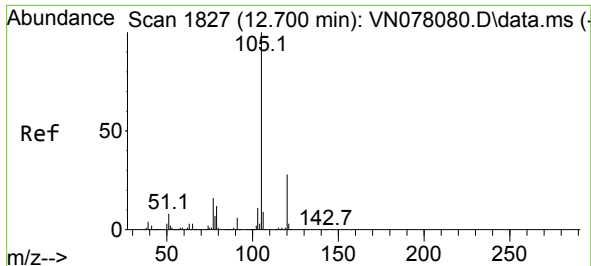
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 165.3 0.0 355.8

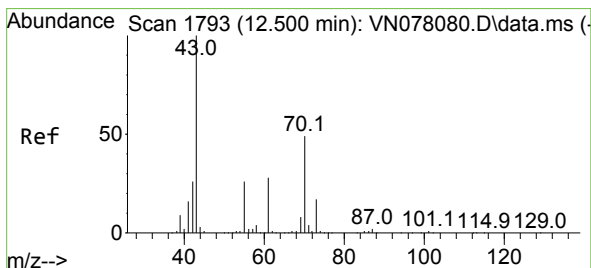
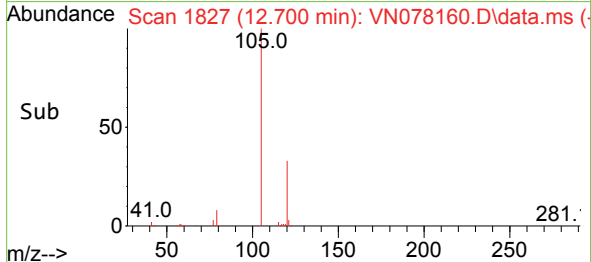
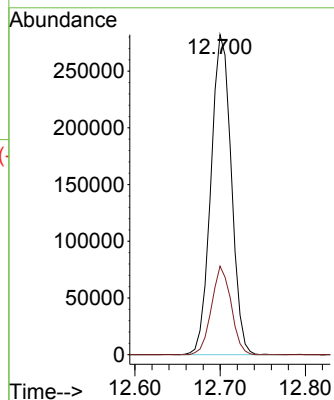
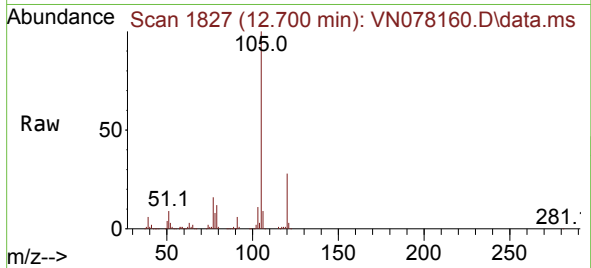




#73
Isopropylbenzene
Concen: 19.713 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

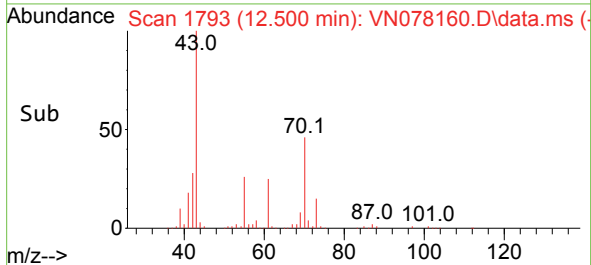
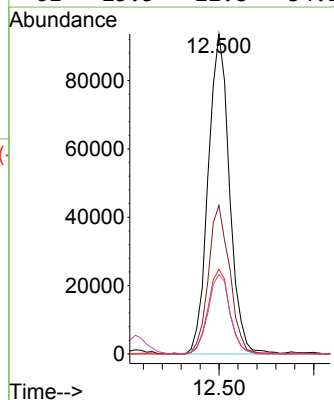
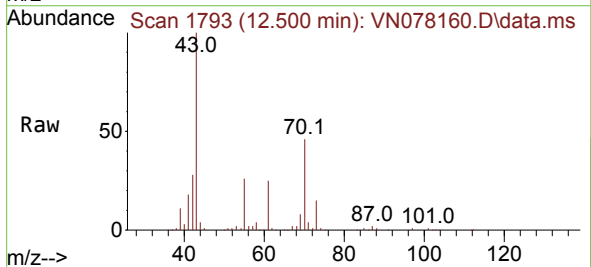
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

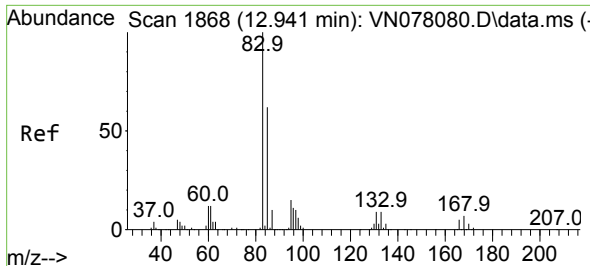
Tgt Ion:105 Resp: 468926
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 18.659 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 43 Resp: 146162
Ion Ratio Lower Upper
43 100
70 46.4 43.4 65.2
55 27.0 21.4 32.0
61 25.5 22.8 34.2

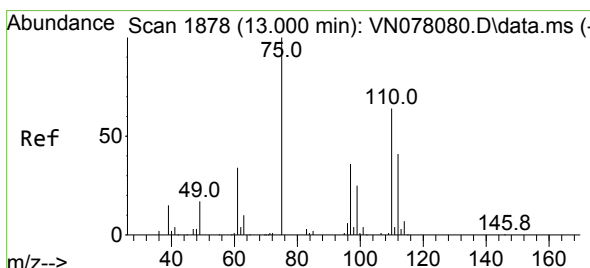
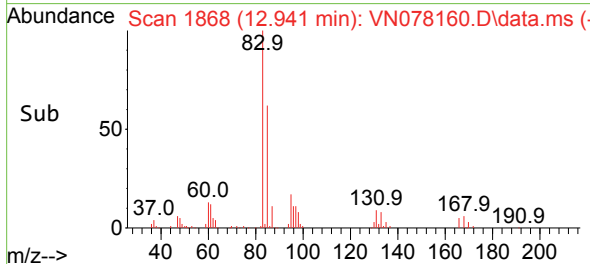
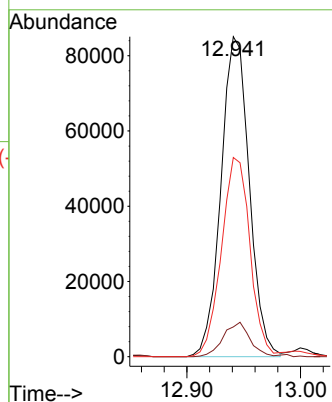
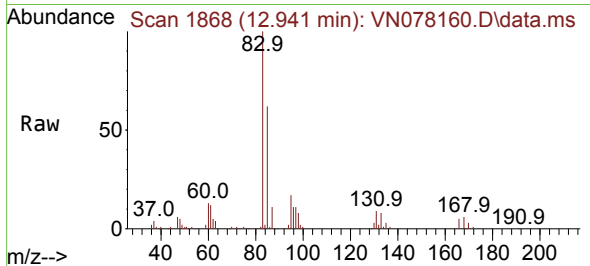




#75
1,1,2,2-Tetrachloroethane
Concen: 21.086 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

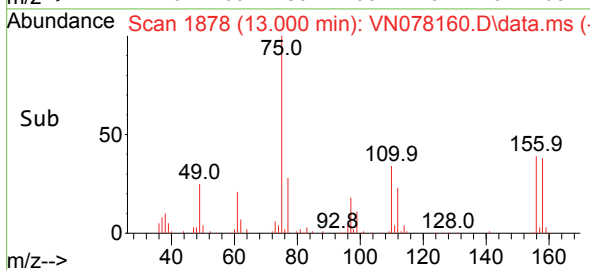
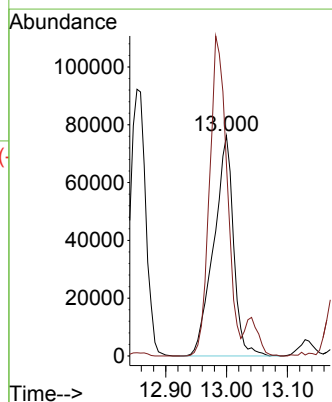
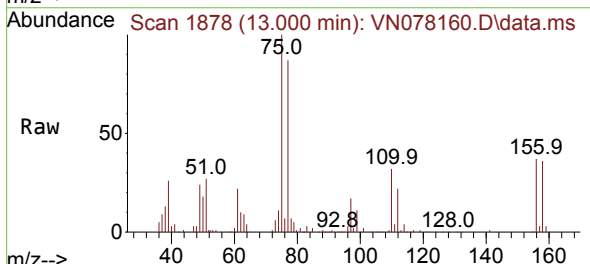
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

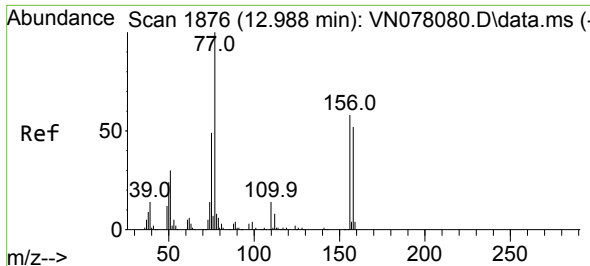
Tgt Ion: 83 Resp: 147217
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 28.983 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 75 Resp: 172353
Ion Ratio Lower Upper
75 100
77 128.0 84.5 253.5

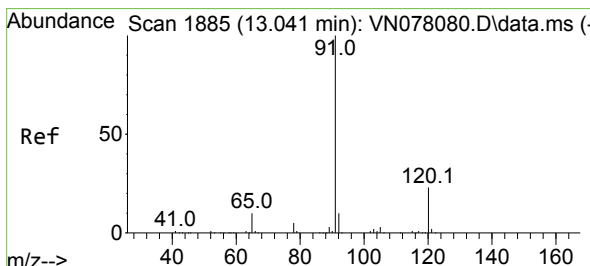
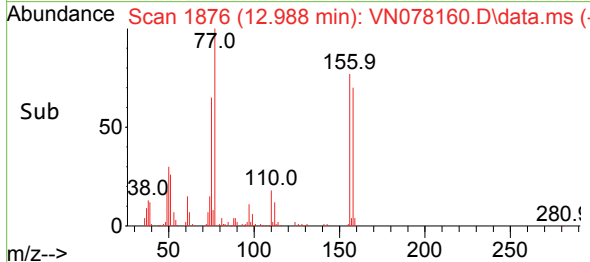
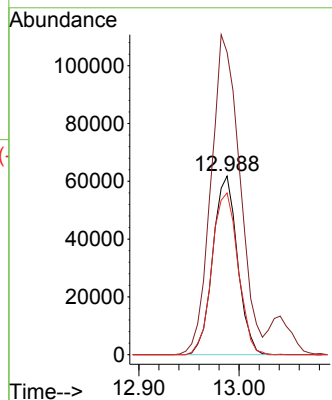
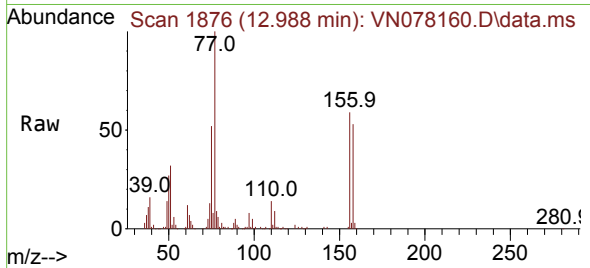




#77
Bromobenzene
Concen: 19.050 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

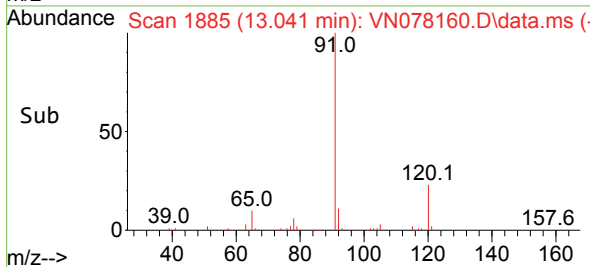
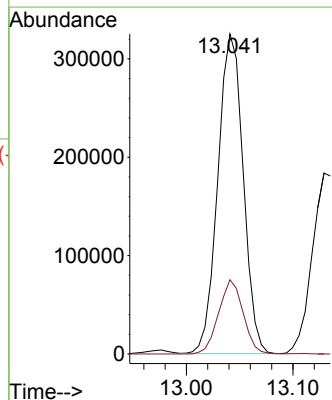
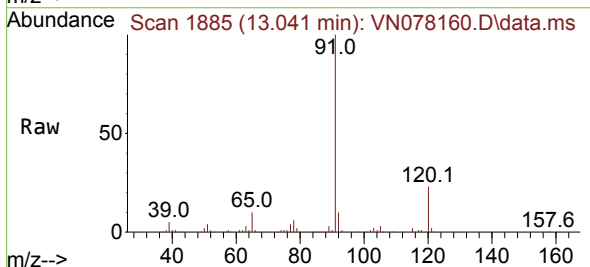
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

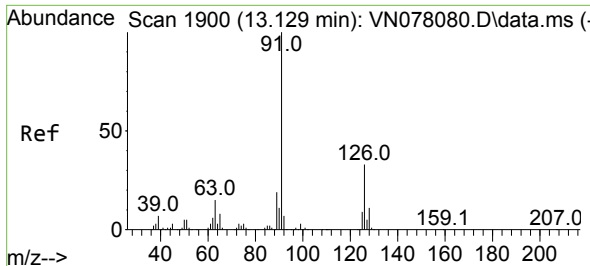
Tgt Ion:156 Resp: 105192
Ion Ratio Lower Upper
156 100
77 209.7 107.7 323.3
158 96.1 48.4 145.3



#78
n-propylbenzene
Concen: 20.804 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 91 Resp: 537678
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

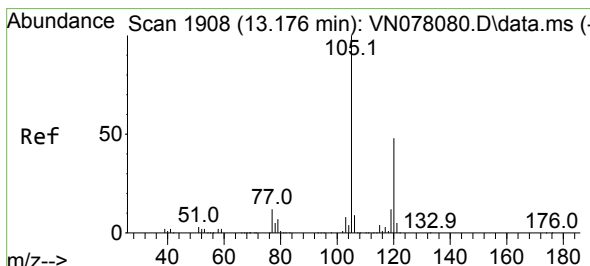
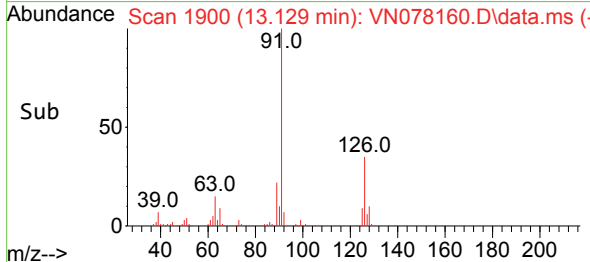
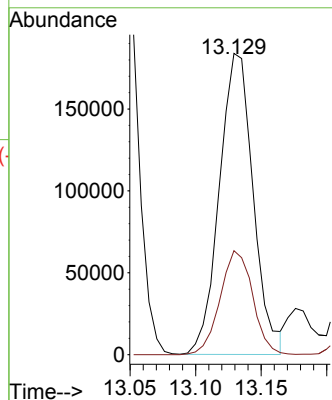
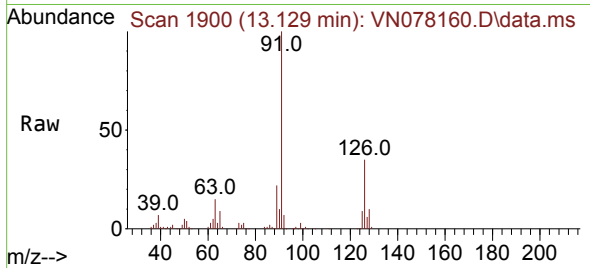




#79
2-Chlorotoluene
Concen: 19.782 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

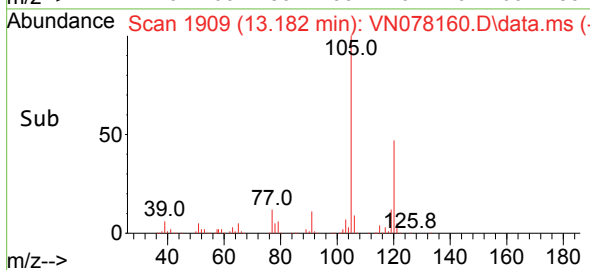
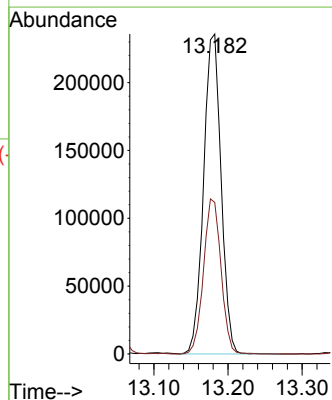
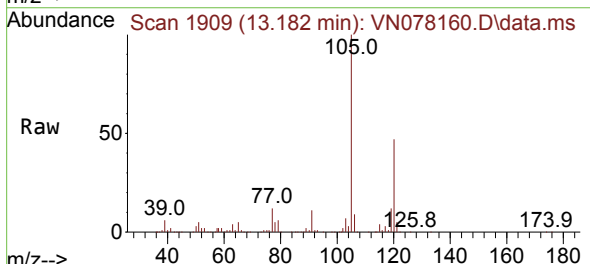
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

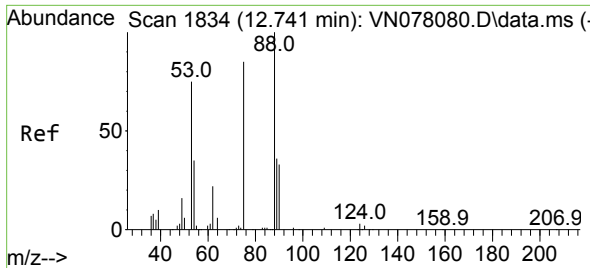
Tgt Ion: 91 Resp: 330017
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.160 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion:105 Resp: 388250
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

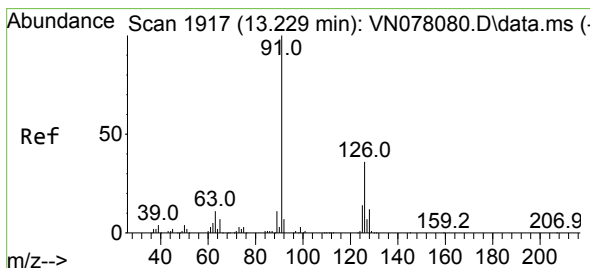
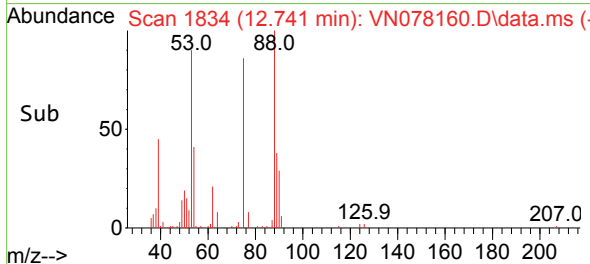
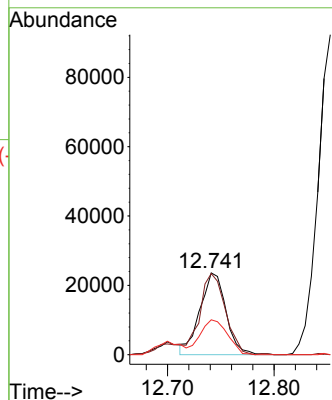
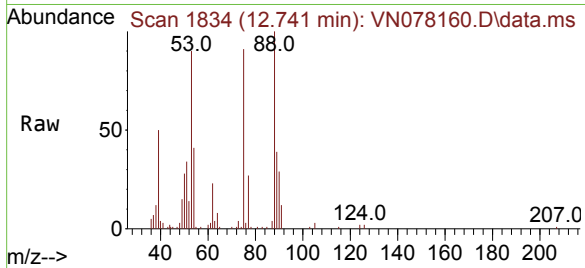




#81
trans-1,4-Dichloro-2-butene
Concen: 20.715 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

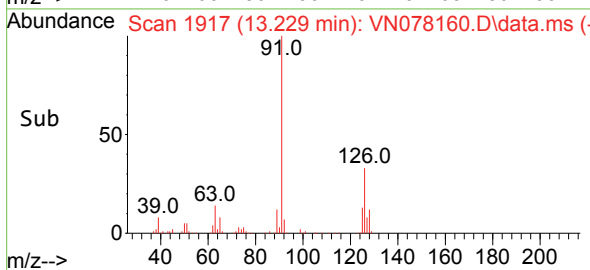
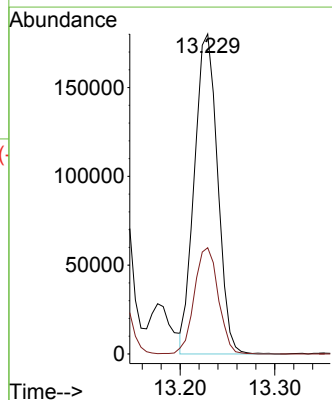
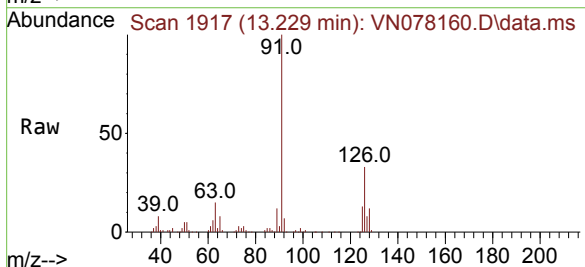
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

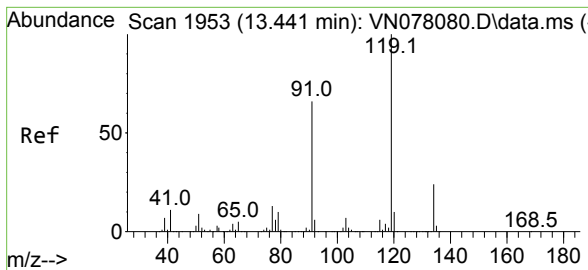
Tgt Ion: 75 Resp: 40096
Ion Ratio Lower Upper
75 100
53 98.2 67.4 101.2
89 45.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.713 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 91 Resp: 306923
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0

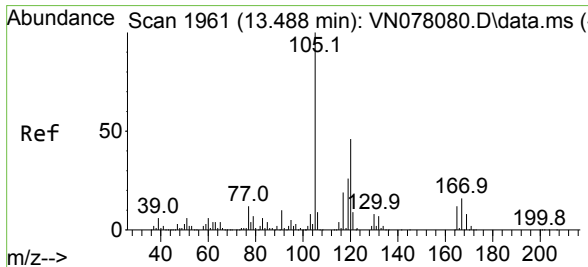
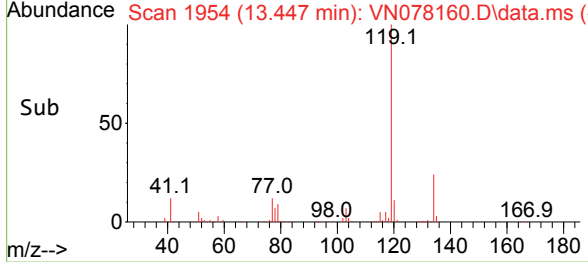
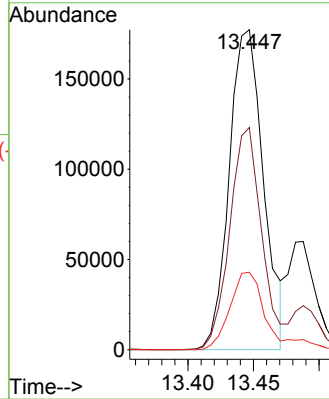
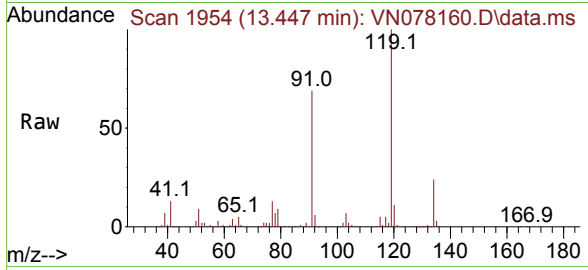




#83
 tert-Butylbenzene
 Concen: 19.245 ug/l
 RT: 13.447 min Scan# 1953
 Delta R.T. 0.006 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

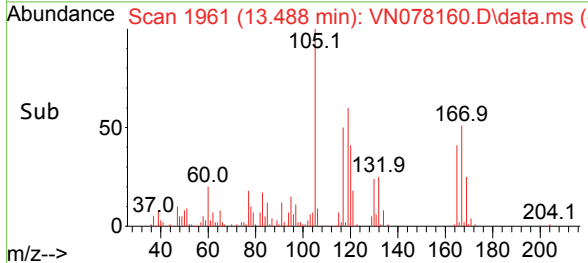
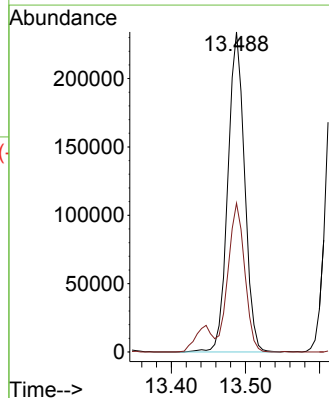
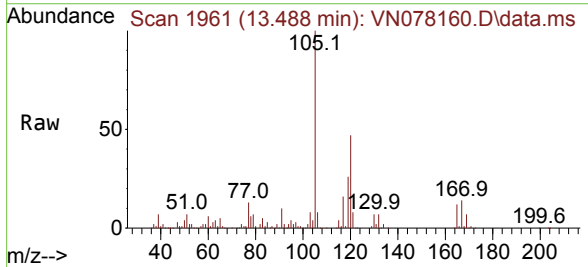
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

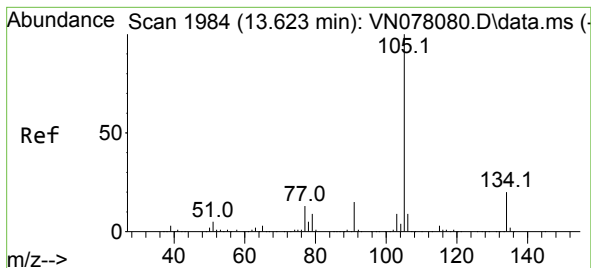
Tgt Ion:	119	Resp:	322171
Ion Ratio	Lower	Upper	
119	100		
91	64.3	33.9	101.7
134	25.9	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.578 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion:	105	Resp:	365547
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 19.498 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

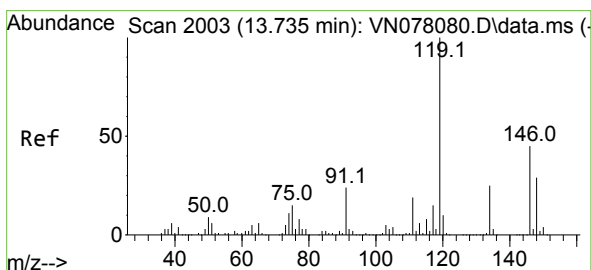
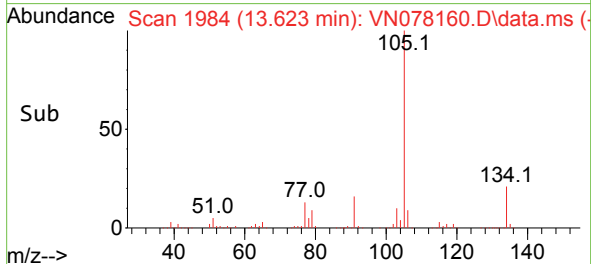
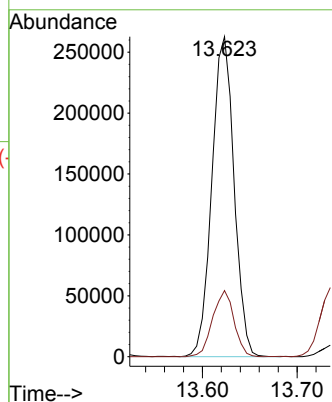
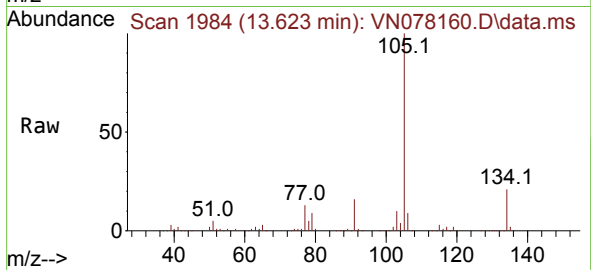
VN0612WBS01

Tgt Ion:105 Resp: 427221

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.686 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

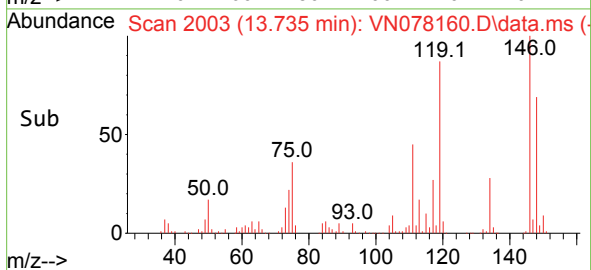
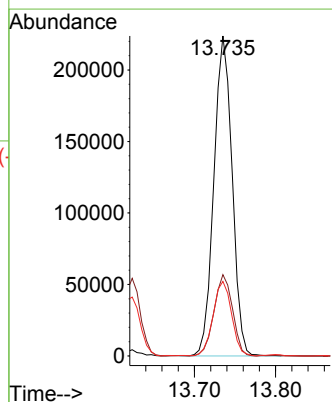
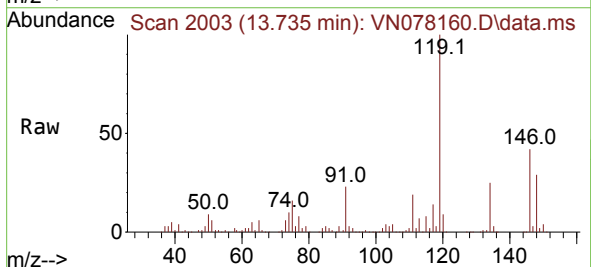
Tgt Ion:119 Resp: 350038

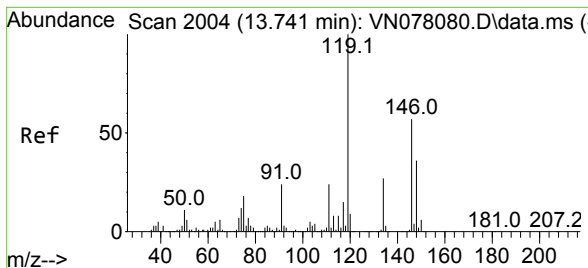
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.683 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

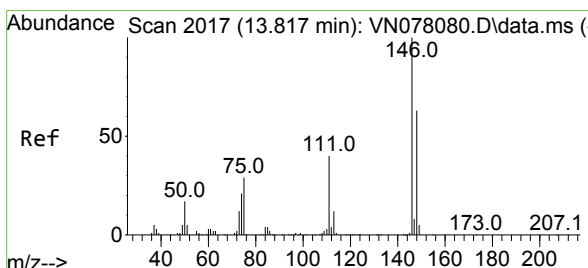
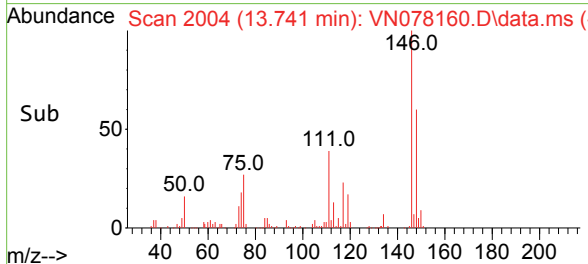
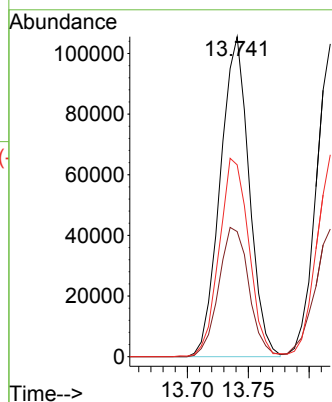
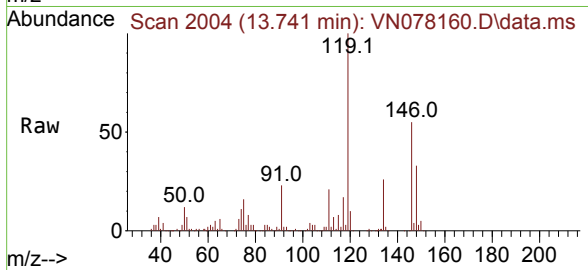
Tgt Ion:146 Resp: 174508

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.148 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

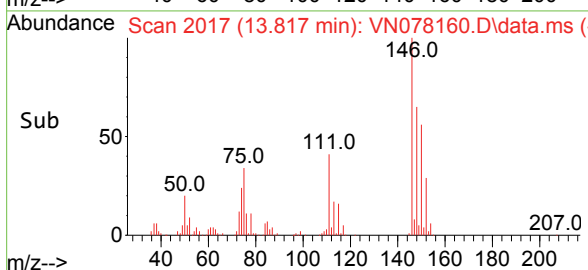
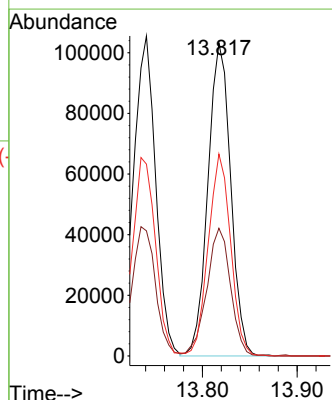
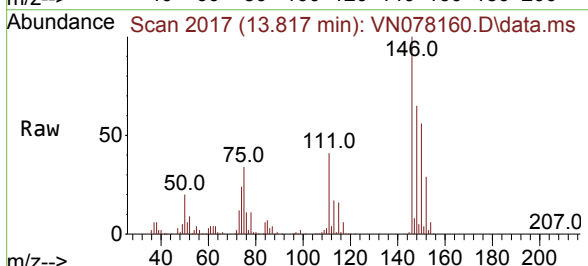
Tgt Ion:146 Resp: 172580

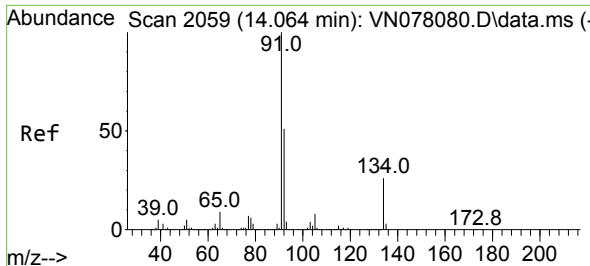
Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.8

148 63.4 31.6 94.8

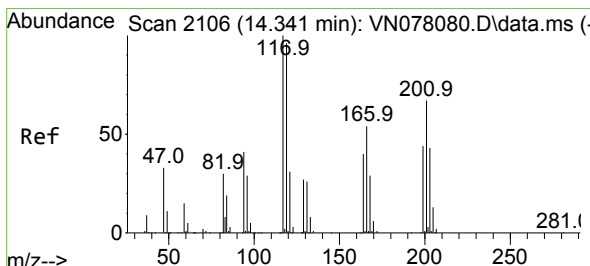
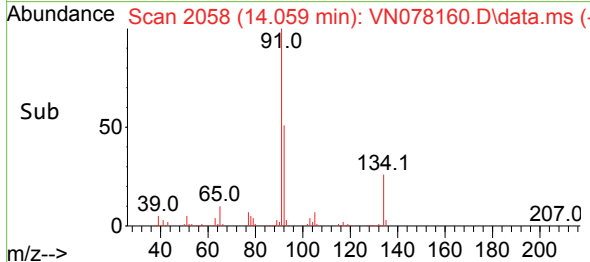
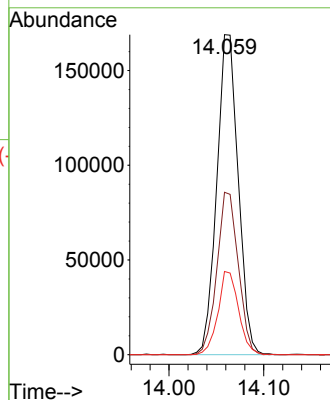
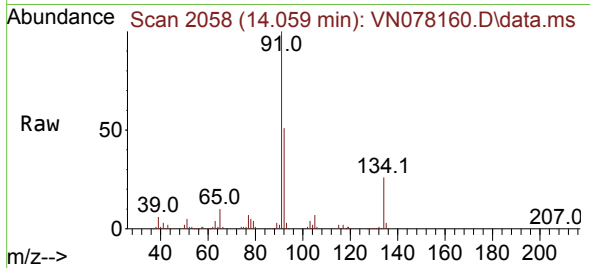




#89
n-Butylbenzene
Concen: 18.966 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

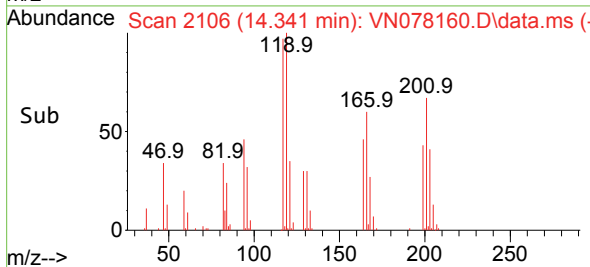
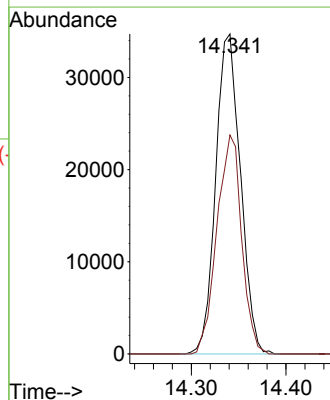
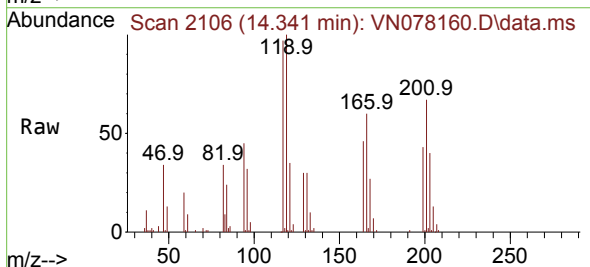
Instrument :
MSVOA_N
ClientSampleId :
VN0612WBS01

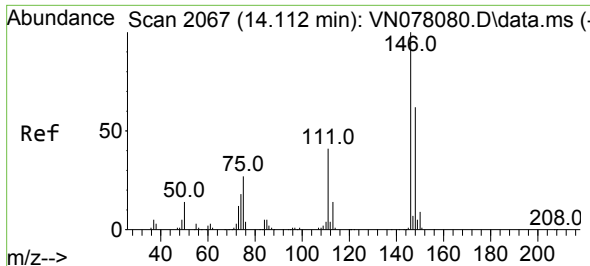
Tgt Ion: 91 Resp: 266001
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 25.0 12.6 37.6



#90
Hexachloroethane
Concen: 19.990 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078160.D
Acq: 12 Jun 2023 12:30

Tgt Ion: 117 Resp: 63078
Ion Ratio Lower Upper
117 100
201 68.3 29.3 88.0

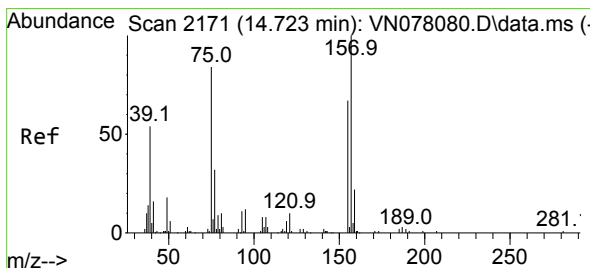
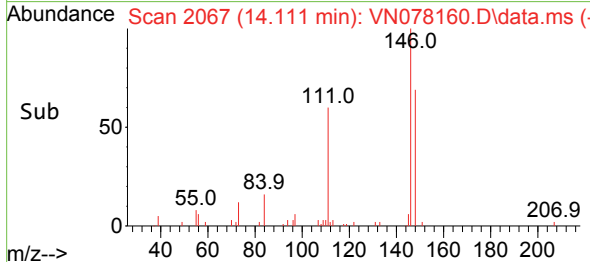
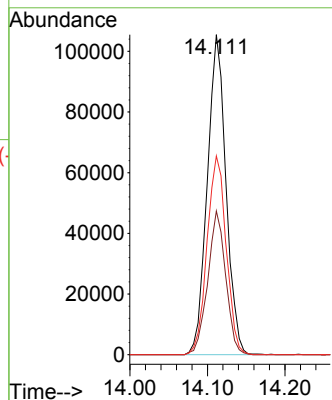
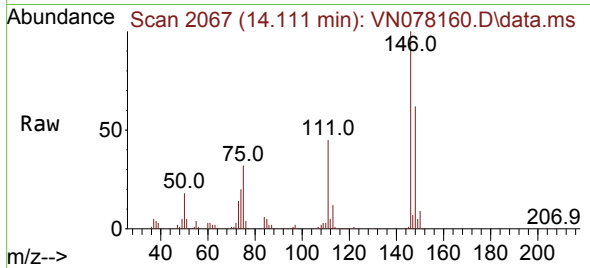




#91
 1,2-Dichlorobenzene
 Concen: 19.348 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

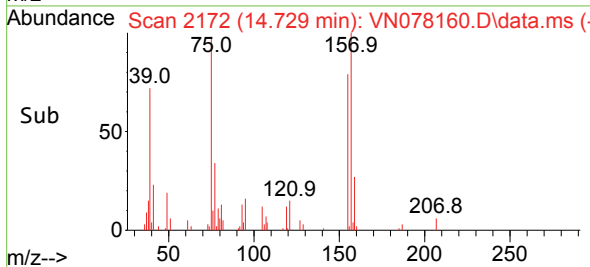
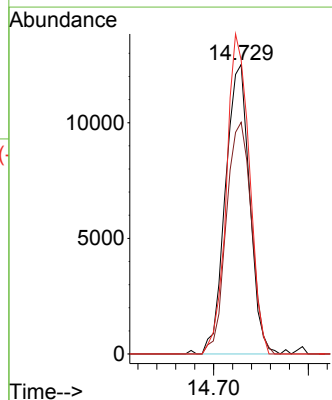
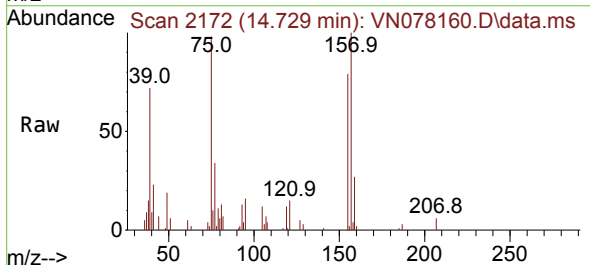
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

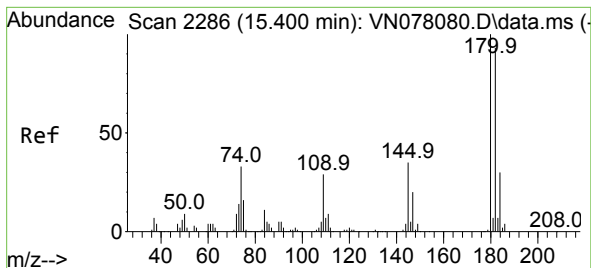
Tgt Ion:146 Resp: 176624
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.0 66.0
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.870 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078160.D
 Acq: 12 Jun 2023 12:30

Tgt Ion: 75 Resp: 22233
 Ion Ratio Lower Upper
 75 100
 155 83.0 39.1 117.2
 157 104.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.566 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

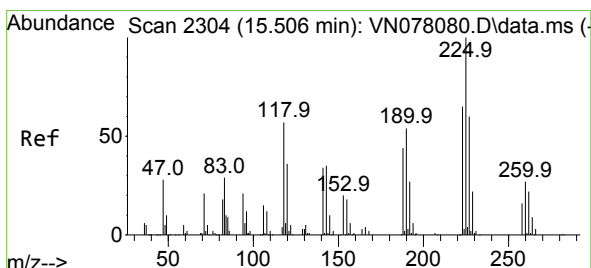
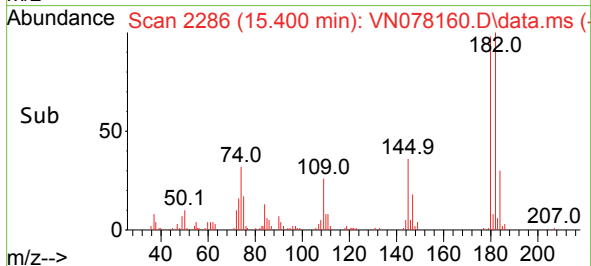
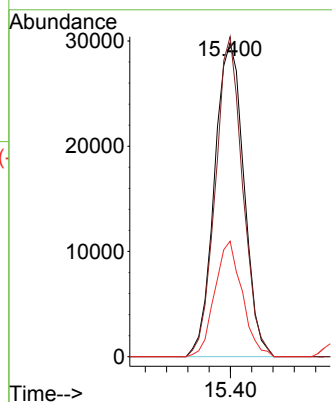
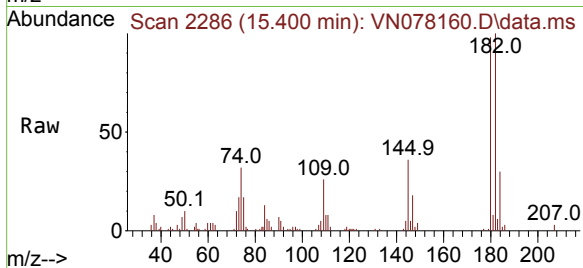
Tgt Ion:180 Resp: 57134

Ion Ratio Lower Upper

180 100

182 94.4 46.1 138.2

145 34.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.346 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

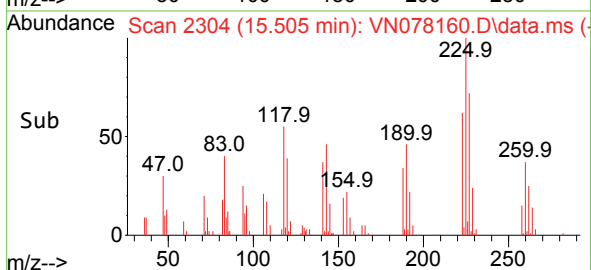
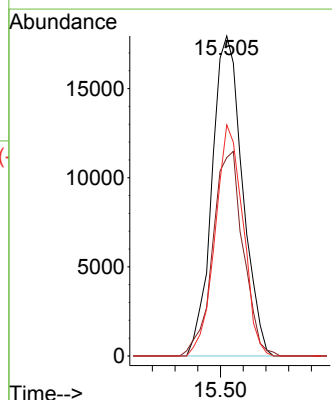
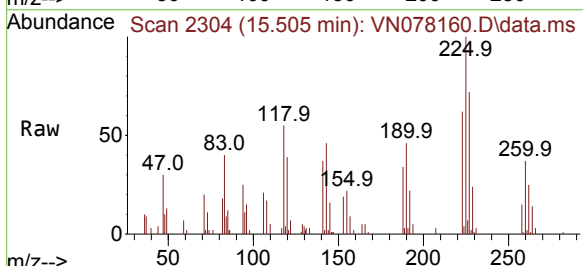
Tgt Ion:225 Resp: 33461

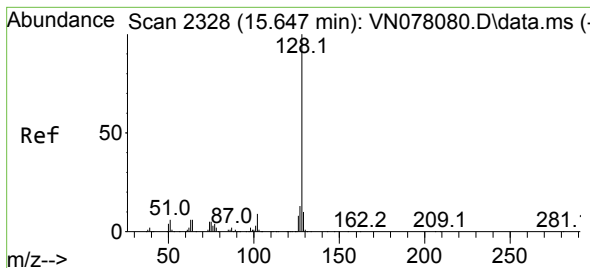
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.8

227 65.8 31.9 95.9





#95

Naphthalene

Concen: 15.410 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBS01

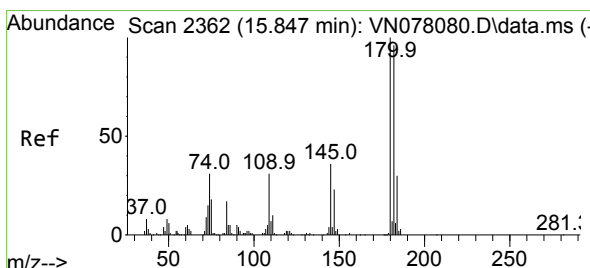
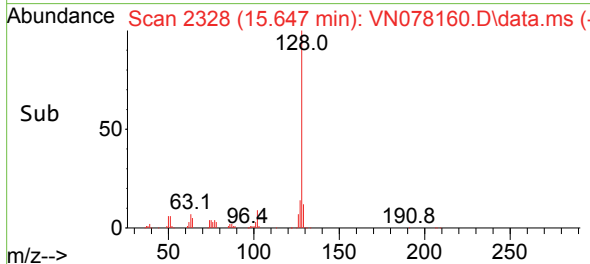
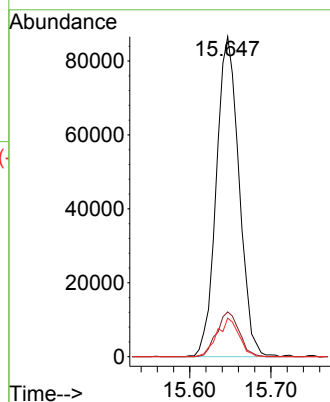
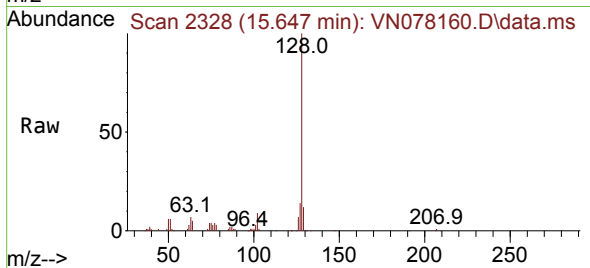
Tgt Ion:128 Resp: 168590

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.671 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078160.D

Acq: 12 Jun 2023 12:30

Tgt Ion:180 Resp: 60645

Ion Ratio Lower Upper

180 100

182 98.3 46.2 138.6

145 36.5 17.5 52.6

