

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080312.D
 Acq On : 01 Dec 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:29:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170117	46.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	8.165	113	125468	50.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.571	98	437731	48.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.853	95	167053	49.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	173583	52.198	ug/l	96
3) Chloromethane	2.365	50	118095	47.234	ug/l	99
4) Vinyl Chloride	2.518	62	133517	50.462	ug/l	98
5) Bromomethane	2.953	94	85798	47.767	ug/l	97
6) Chloroethane	3.124	64	84395	51.701	ug/l	94
7) Trichlorofluoromethane	3.501	101	292278	52.955	ug/l	96
8) Diethyl Ether	3.959	74	78715	49.038	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	130276	51.640	ug/l	94
10) Methyl Iodide	4.595	142	150291	55.125	ug/l #	87
11) Tert butyl alcohol	5.506	59	86126	212.463	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121538	51.508	ug/l #	80
13) Acrolein	4.177	56	96696	269.539	ug/l	99
14) Allyl chloride	5.024	41	152748	51.453	ug/l	93
15) Acrylonitrile	5.712	53	240653	221.143	ug/l	98
16) Acetone	4.418	43	300736	242.899	ug/l	89
17) Carbon Disulfide	4.712	76	340901	48.386	ug/l	99
18) Methyl Acetate	5.024	43	158947	39.956	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	426263	51.154	ug/l	98
20) Methylene Chloride	5.277	84	136594	52.682	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	136196	52.541	ug/l	90
22) Diisopropyl ether	6.671	45	327533	49.867	ug/l	95
23) Vinyl Acetate	6.600	43	950793	240.788	ug/l	96
24) 1,1-Dichloroethane	6.571	63	235619	49.253	ug/l	98
25) 2-Butanone	7.477	43	311562	211.800	ug/l	93
26) 2,2-Dichloropropane	7.488	77	244469	51.509	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	151740	51.631	ug/l	89
28) Bromochloromethane	7.812	49	85600	45.516	ug/l	97
29) Tetrahydrofuran	7.836	42	168885	213.845	ug/l	94
30) Chloroform	7.965	83	278045	52.001	ug/l	97
31) Cyclohexane	8.253	56	176987	44.149	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	278371	53.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	199409	55.441	ug/l	95
37) Ethyl Acetate	7.559	43	116051	46.516	ug/l	98
38) Carbon Tetrachloride	8.365	117	259987	56.961	ug/l	96
39) Methylcyclohexane	9.600	83	185215	53.406	ug/l #	87
40) Benzene	8.606	78	542462	53.066	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62758	45.805	ug/l	93
42) 1,2-Dichloroethane	8.671	62	231354	55.318	ug/l	95
43) Isopropyl Acetate	8.688	43	201635	41.532	ug/l	98
44) Trichloroethene	9.353	130	149276	55.669	ug/l	98
45) 1,2-Dichloropropane	9.624	63	123434	51.959	ug/l	94
46) Dibromomethane	9.712	93	95519	53.117	ug/l	89
47) Bromodichloromethane	9.888	83	223088	56.397	ug/l	94
48) Methyl methacrylate	9.682	41	122512	48.967	ug/l	94
49) 1,4-Dioxane	9.694	88	35948	863.666	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	582655	231.809	ug/l	98
52) Toluene	10.629	92	356688	55.755	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	224259	55.180	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	232717	56.047	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	126966	51.999	ug/l	99
56) Ethyl methacrylate	10.877	69	136187	54.597	ug/l	95
57) 1,3-Dichloropropane	11.165	76	224744	52.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	322092	229.201	ug/l	99
59) 2-Hexanone	11.194	43	461956	228.720	ug/l	98
60) Dibromochloromethane	11.359	129	164492	56.270	ug/l	99
61) 1,2-Dibromoethane	11.471	107	129132	51.840	ug/l	100
64) Tetrachloroethene	11.106	164	150276	64.909	ug/l	98
65) Chlorobenzene	11.894	112	366529	53.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	152063	57.004	ug/l	93
67) Ethyl Benzene	11.965	91	685258	56.021	ug/l	96
68) m/p-Xylenes	12.071	106	512540	114.922	ug/l	88
69) o-Xylene	12.400	106	244629	58.202	ug/l	87
70) Styrene	12.412	104	365293	58.392	ug/l	92
71) Bromoform	12.582	173	110209	55.710	ug/l #	99
73) Isopropylbenzene	12.694	105	641297	53.888	ug/l	99
74) N-amyl acetate	12.494	43	159888	43.083	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	152090	42.700	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	224285	59.772	ug/l	81
77) Bromobenzene	12.982	156	155336	51.772	ug/l	95
78) n-propylbenzene	13.035	91	715716	53.782	ug/l	100
79) 2-Chlorotoluene	13.129	91	459856	53.205	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	560556	54.111	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	52307	47.097	ug/l #	85
82) 4-Chlorotoluene	13.223	91	462440	52.227	ug/l	97
83) tert-Butylbenzene	13.441	119	436685	52.565	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	561728	55.068	ug/l	96
85) sec-Butylbenzene	13.618	105	555766	52.884	ug/l	98
86) p-Isopropyltoluene	13.729	119	524052	55.822	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	277969	51.421	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	277200	51.026	ug/l	98
89) n-Butylbenzene	14.059	91	419661	53.408	ug/l	99
90) Hexachloroethane	14.335	117	92546	50.566	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	262242	50.695	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34553	41.765	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	139813	46.471	ug/l	97
94) Hexachlorobutadiene	15.506	225	81090	46.836	ug/l	99
95) Naphthalene	15.641	128	360366	41.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128594	45.600	ug/l	98

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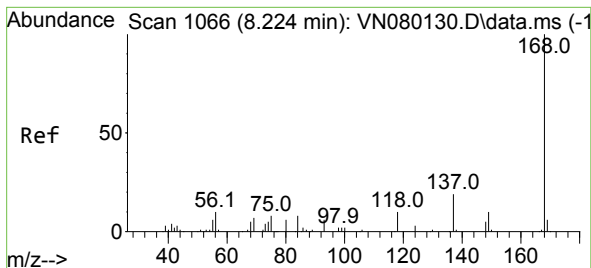
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

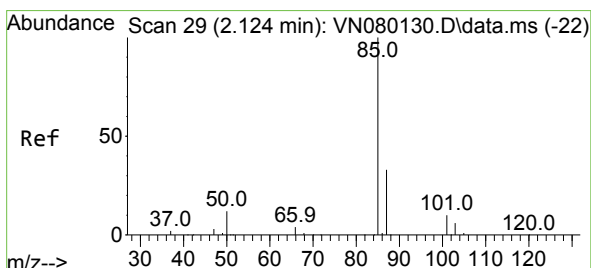
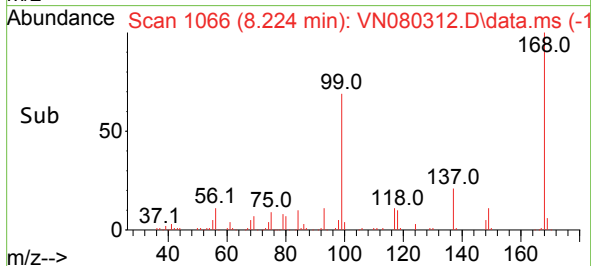
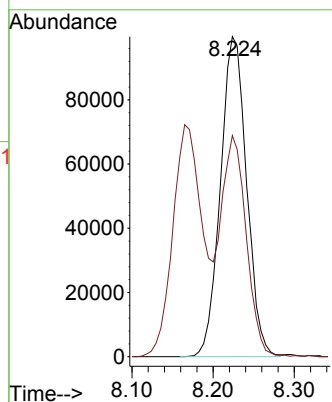
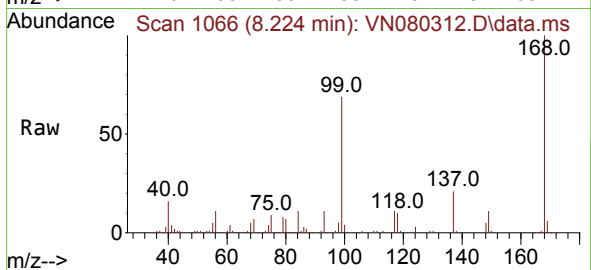
ClientSampleId :

Tgt Ion:168 Resp: 223250

Ion Ratio Lower Upper

168 100

99 68.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 52.198 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080312.D

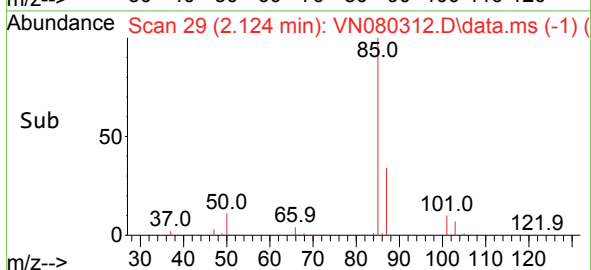
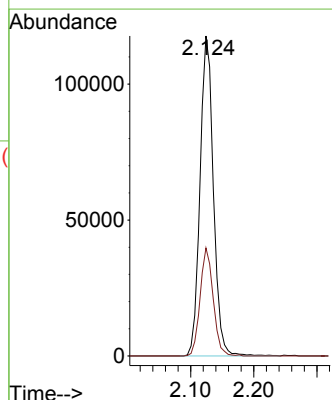
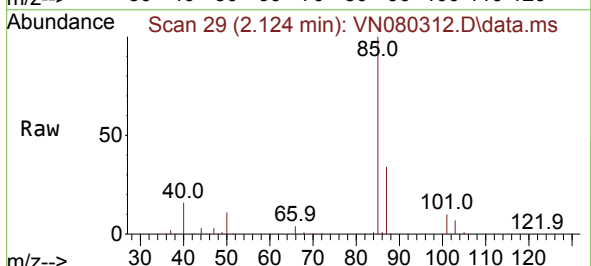
Acq: 01 Dec 2023 09:52

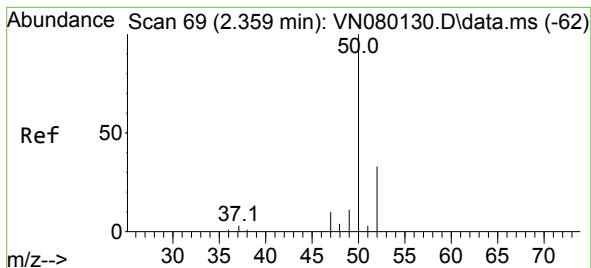
Tgt Ion: 85 Resp: 173583

Ion Ratio Lower Upper

85 100

87 33.8 15.8 47.4





#3

Chloromethane

Concen: 47.234 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

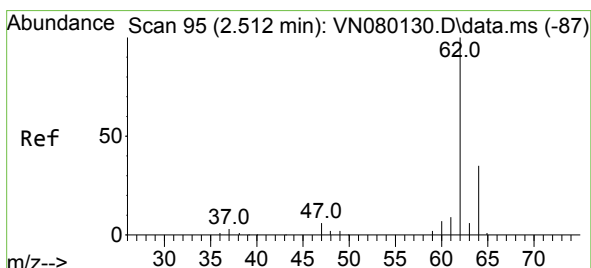
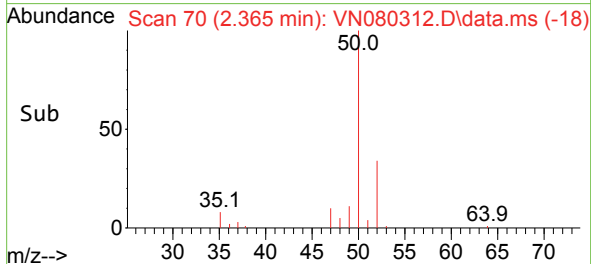
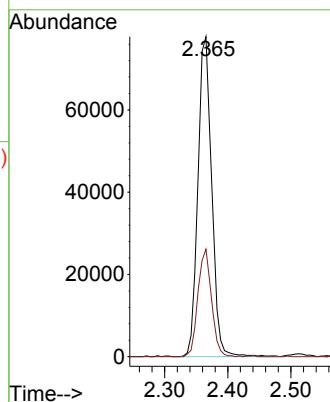
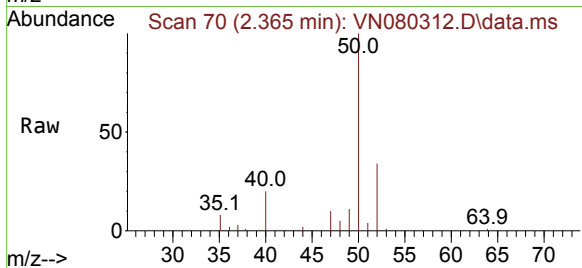
ClientSampleId :

Tgt Ion: 50 Resp: 118095

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



#4

Vinyl Chloride

Concen: 50.462 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN080312.D

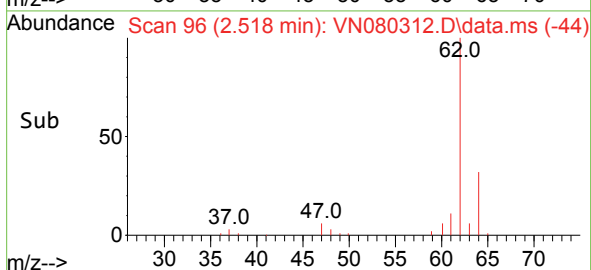
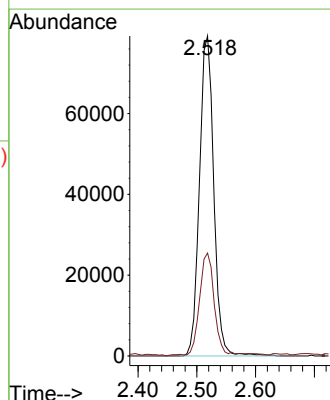
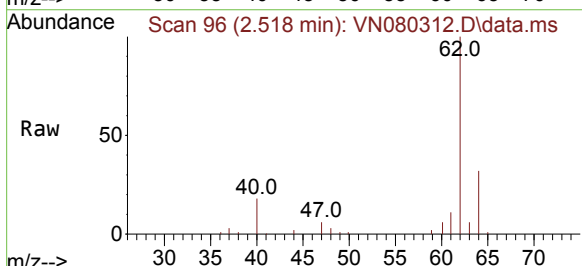
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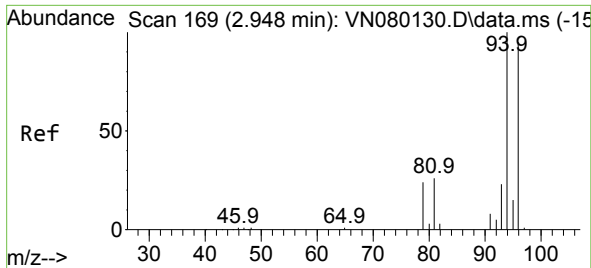
Tgt Ion: 62 Resp: 133517

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2

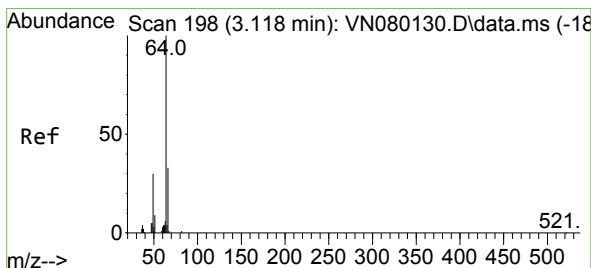
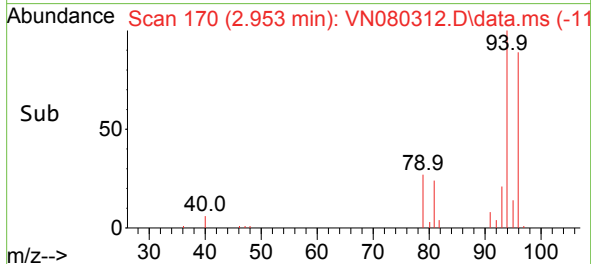
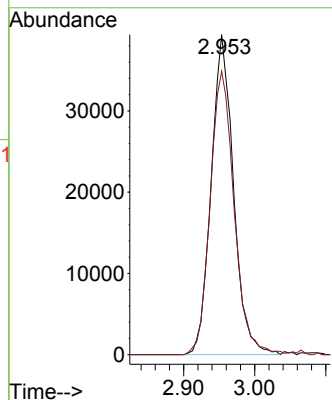
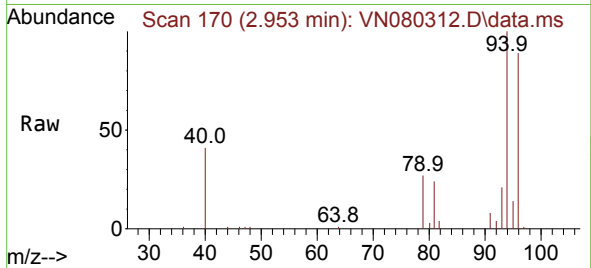




#5
Bromomethane
Concen: 47.767 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

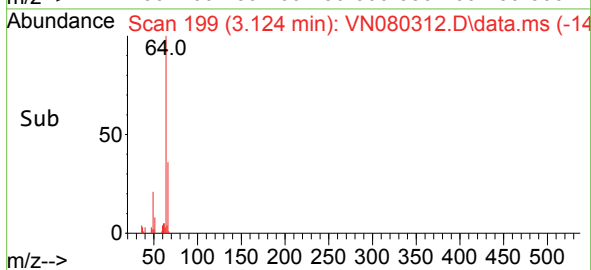
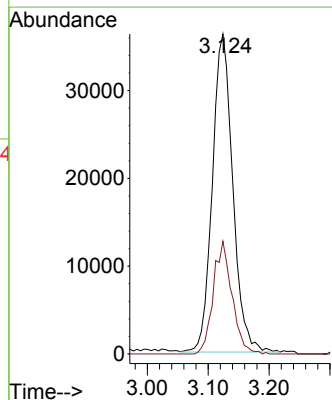
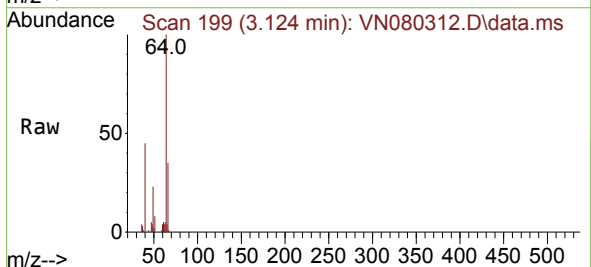
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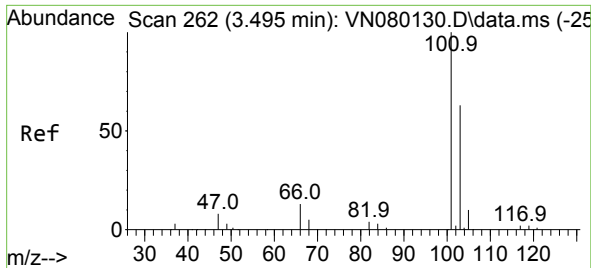
Tgt Ion: 94 Resp: 85798
Ion Ratio Lower Upper
94 100
96 88.6 73.1 109.7



#6
Chloroethane
Concen: 51.701 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 64 Resp: 84395
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.2

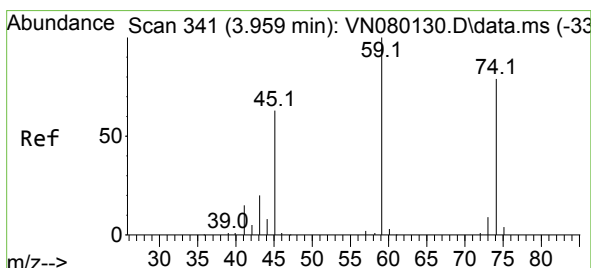
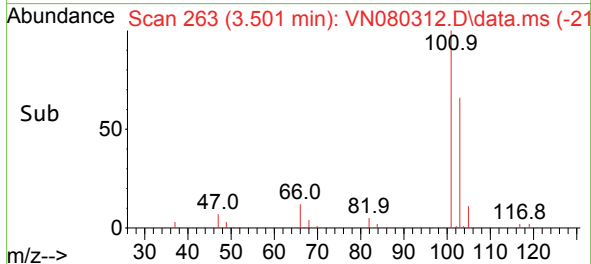
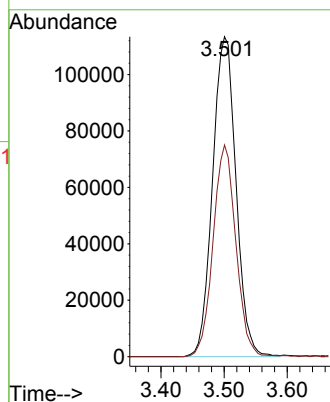
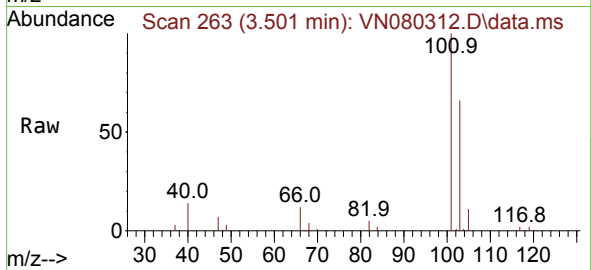




#7
Trichlorofluoromethane
Concen: 52.955 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

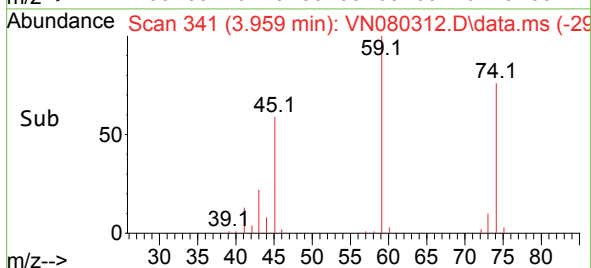
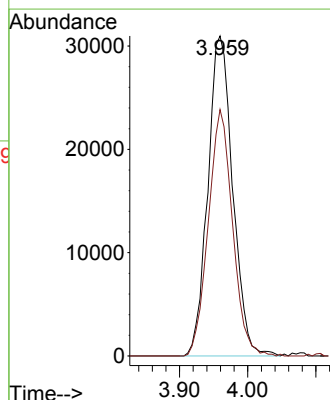
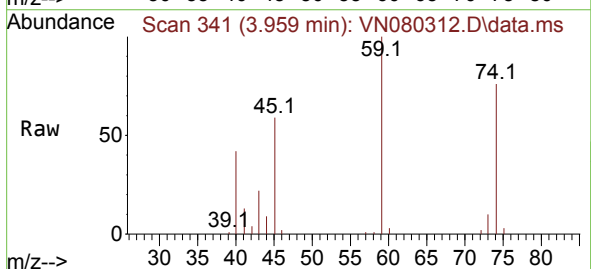
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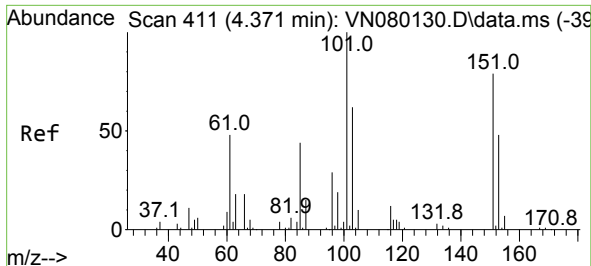
Tgt Ion:101 Resp: 292278
Ion Ratio Lower Upper
101 100
103 66.2 50.7 76.1



#8
Diethyl Ether
Concen: 49.038 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 74 Resp: 78715
Ion Ratio Lower Upper
74 100
45 75.0 34.4 103.3

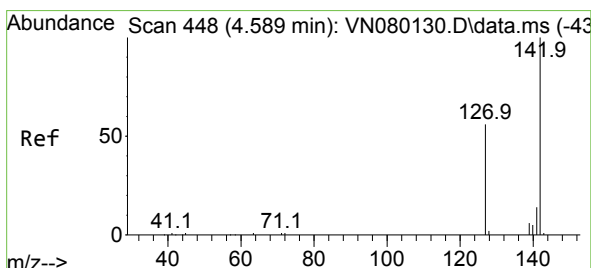
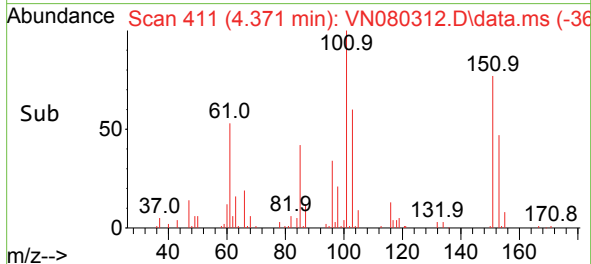
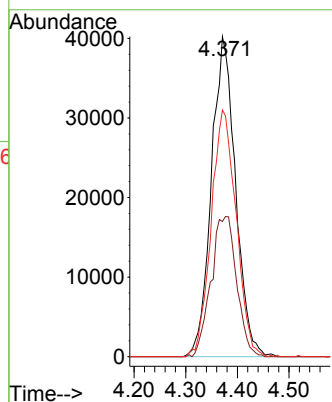
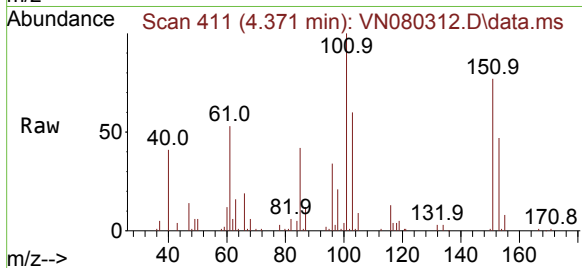




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.640 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
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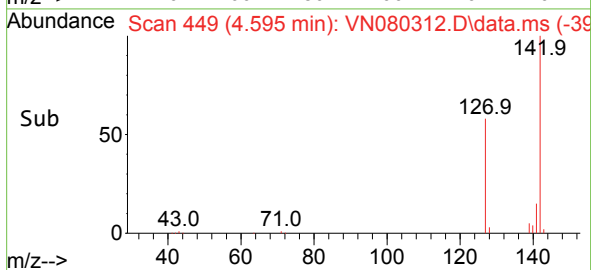
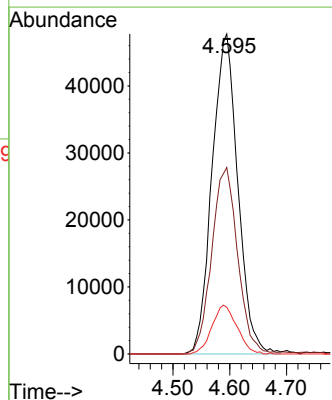
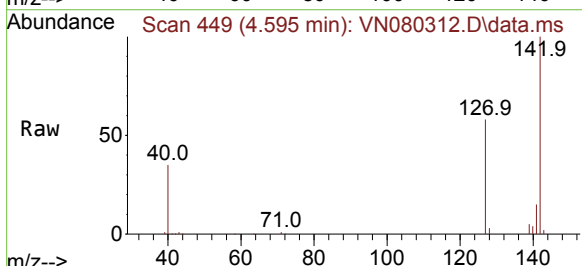
Instrument :
MSVOA_N
ClientSampleId :

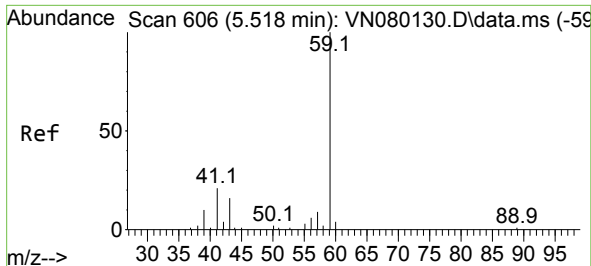
Tgt Ion:101 Resp: 130276
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 79.8 57.6 86.4



#10
Methyl Iodide
Concen: 55.125 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:142 Resp: 150291
Ion Ratio Lower Upper
142 100
127 58.2 37.6 56.4#
141 14.6 11.4 17.0

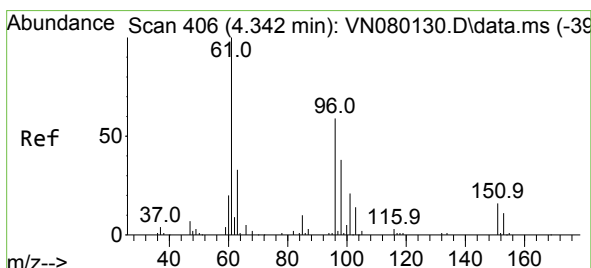
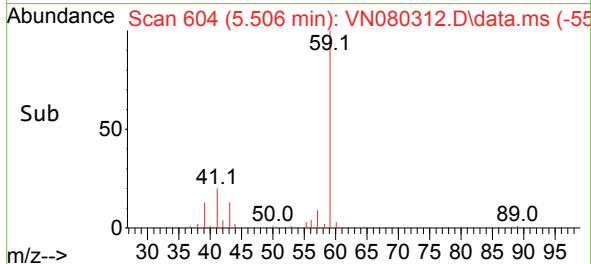
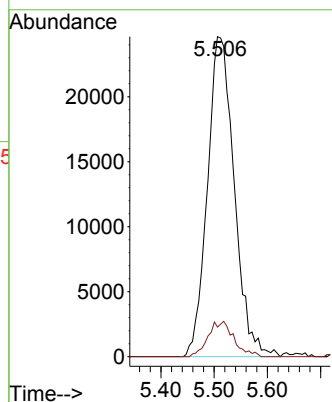
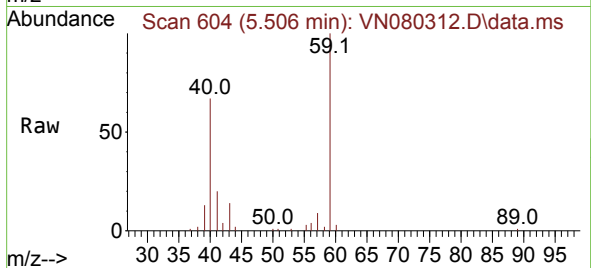




#11
Tert butyl alcohol
Concen: 212.463 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

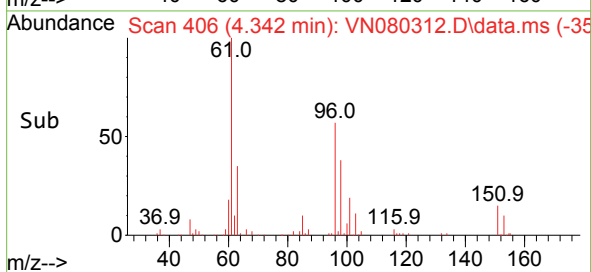
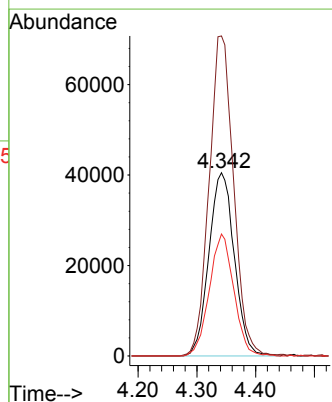
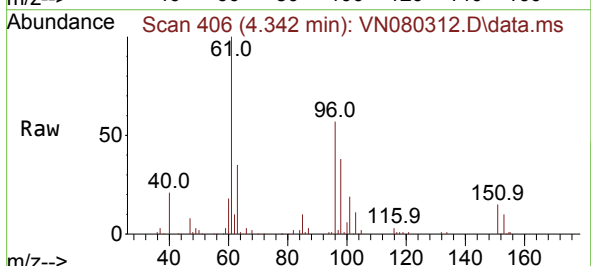
Instrument :
MSVOA_N
ClientSampleId :

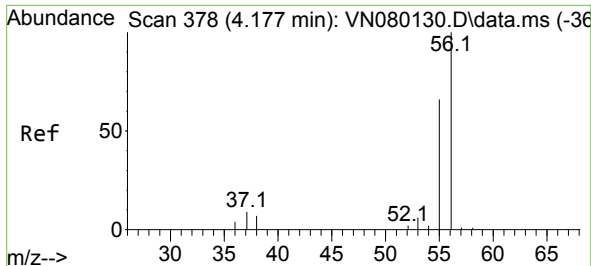
Tgt Ion: 59 Resp: 86126
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.508 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

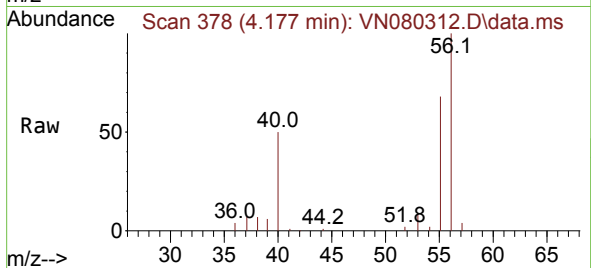
Tgt Ion: 96 Resp: 121538
Ion Ratio Lower Upper
96 100
61 174.7 112.7 169.1#
98 66.5 51.2 76.8



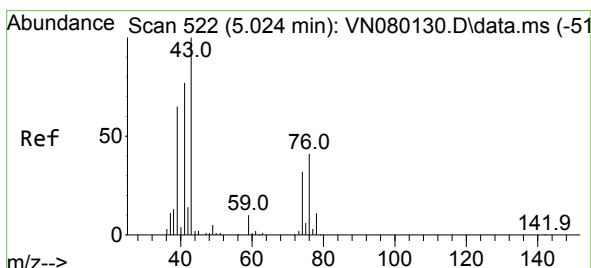
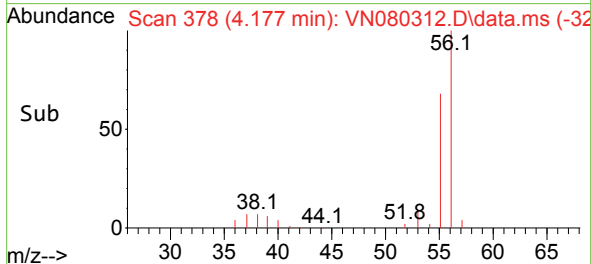
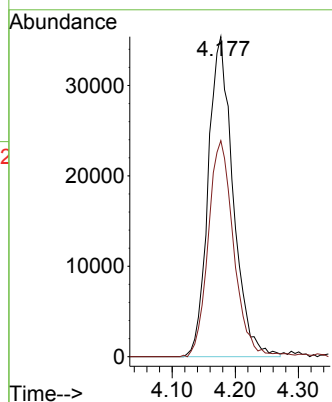


#13
Acrolein
Concen: 269.539 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

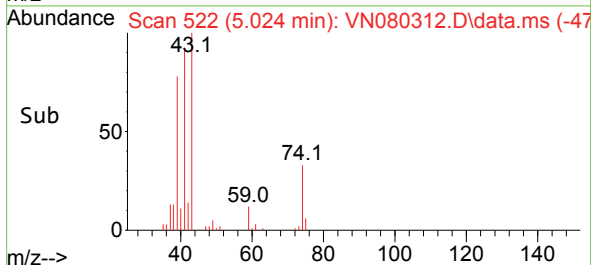
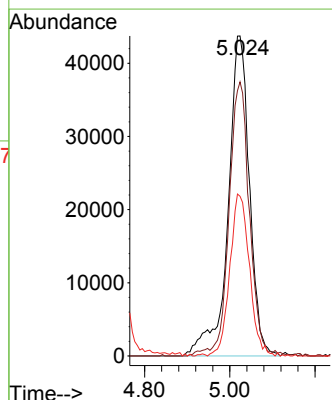
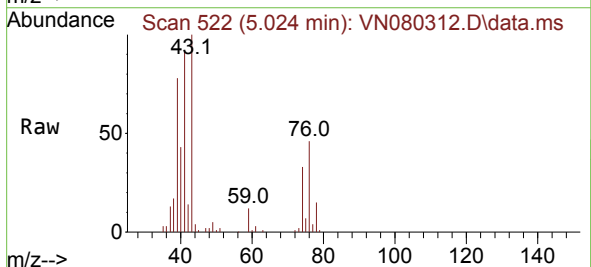


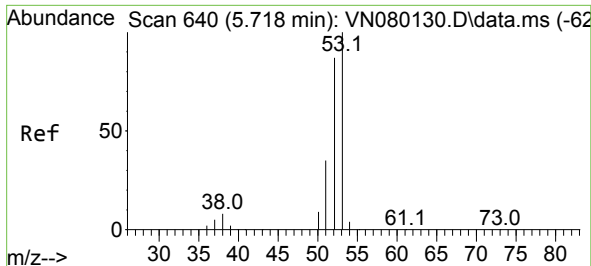
Tgt Ion: 56 Resp: 96696
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7



#14
Allyl chloride
Concen: 51.453 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 41 Resp: 152748
Ion Ratio Lower Upper
41 100
39 81.2 58.8 88.2
76 46.2 39.1 58.7

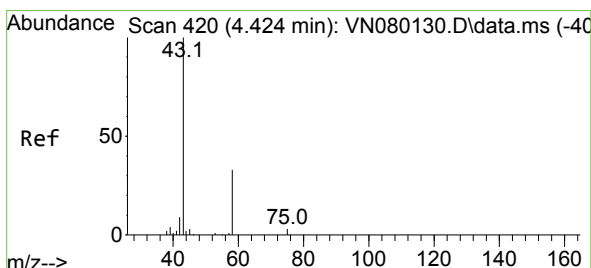
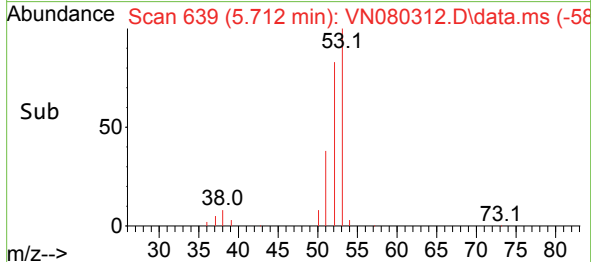
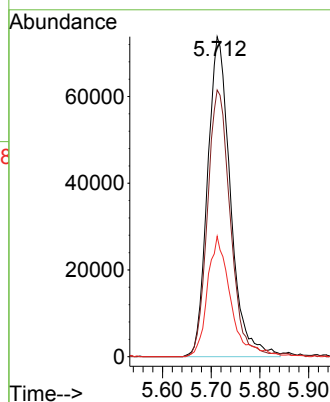
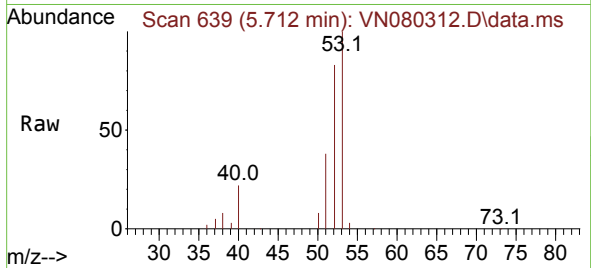




#15
Acrylonitrile
Concen: 221.143 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

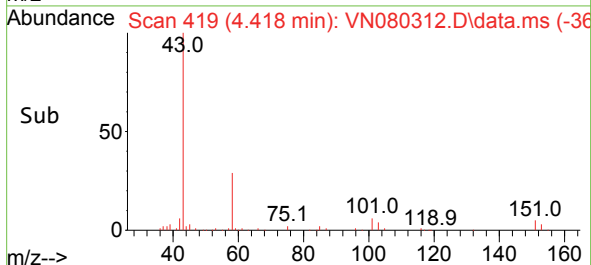
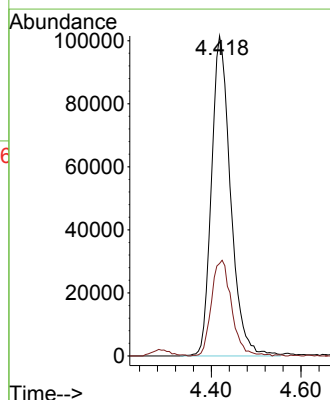
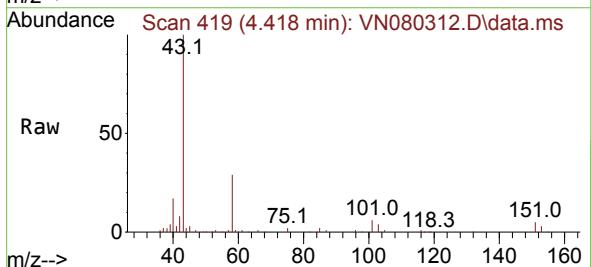
Instrument :
MSVOA_N
ClientSampleId :

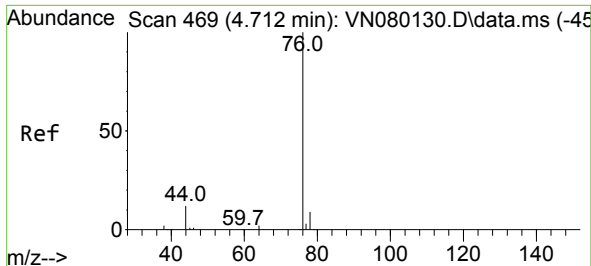
Tgt Ion: 53 Resp: 240653
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 38.1 28.9 43.3



#16
Acetone
Concen: 242.899 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 43 Resp: 300736
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0

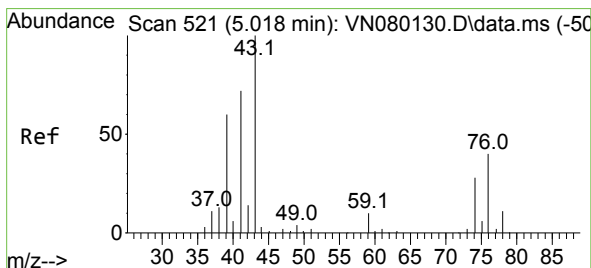
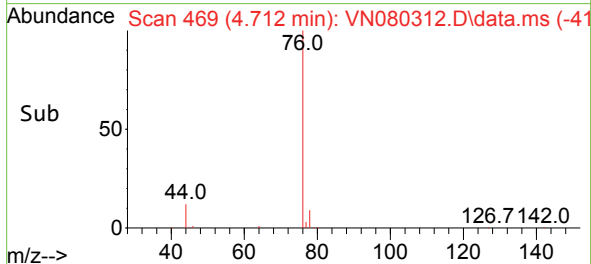
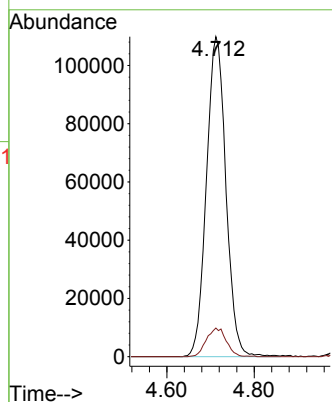
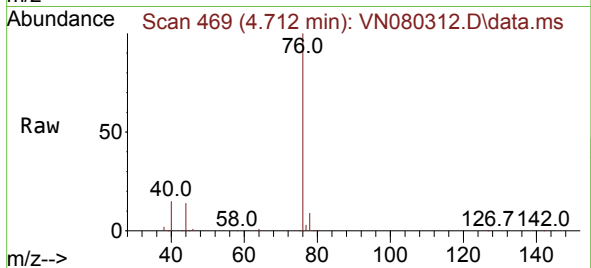




#17
Carbon Disulfide
Concen: 48.386 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

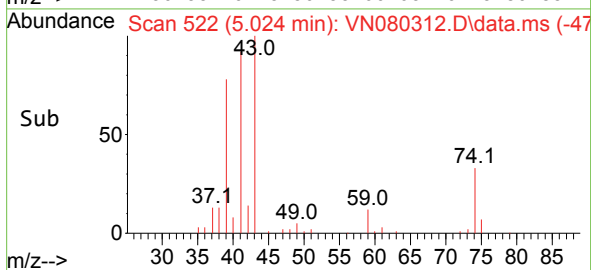
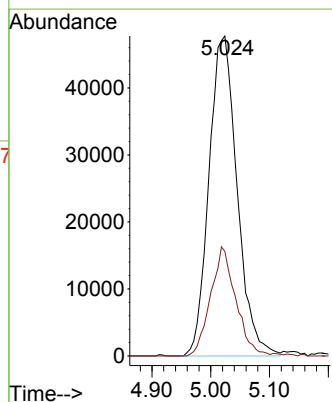
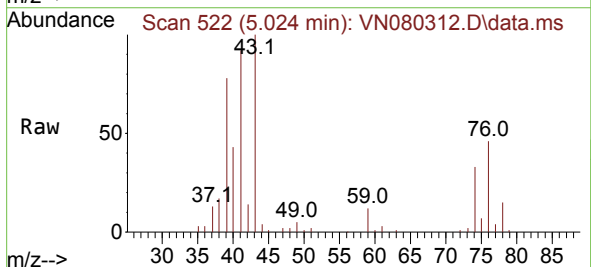
Instrument :
MSVOA_N
ClientSampleId :

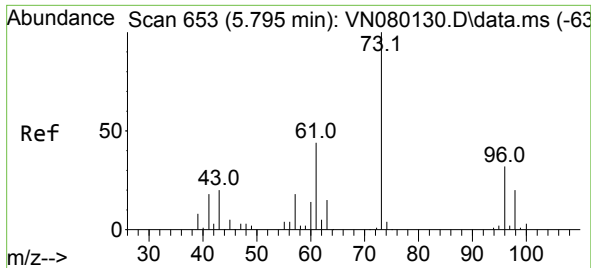
Tgt Ion: 76 Resp: 340901
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 39.956 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 43 Resp: 158947
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4

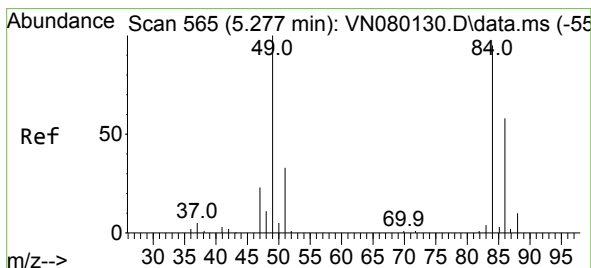
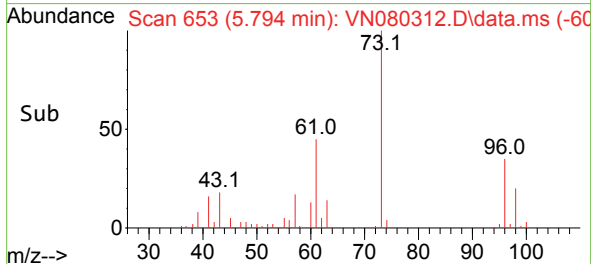
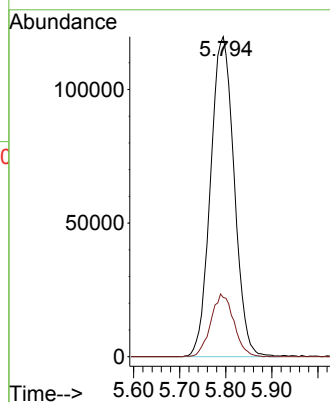
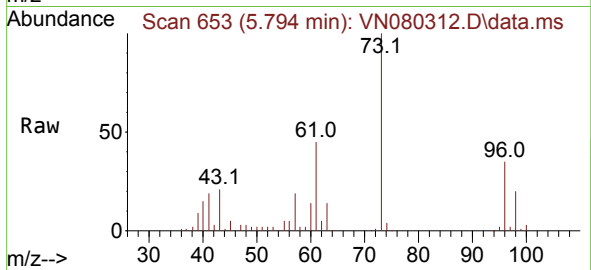




#19
Methyl tert-butyl Ether
Concen: 51.154 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

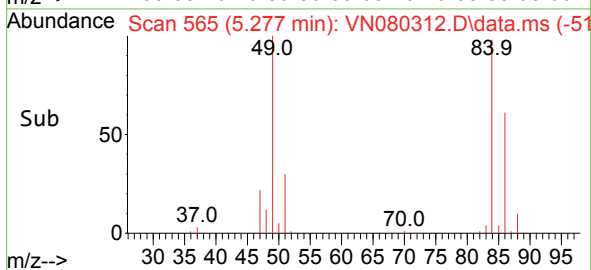
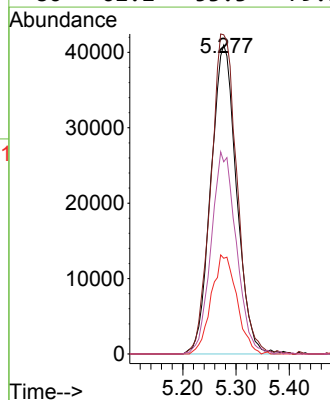
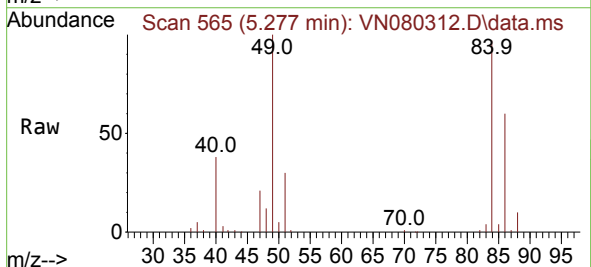
Instrument :
MSVOA_N
ClientSampleId :

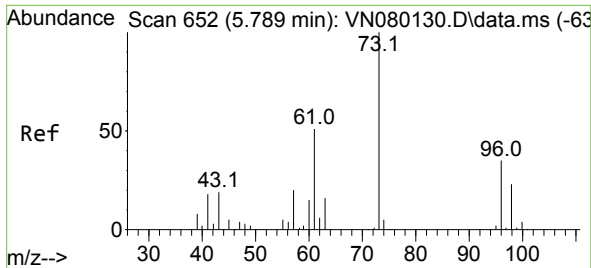
Tgt Ion: 73 Resp: 426263
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4



#20
Methylene Chloride
Concen: 52.682 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 84 Resp: 136594
Ion Ratio Lower Upper
84 100
49 103.4 79.7 119.5
51 31.0 25.2 37.8
86 62.2 53.3 79.9

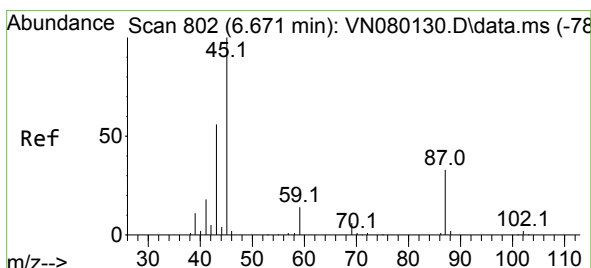
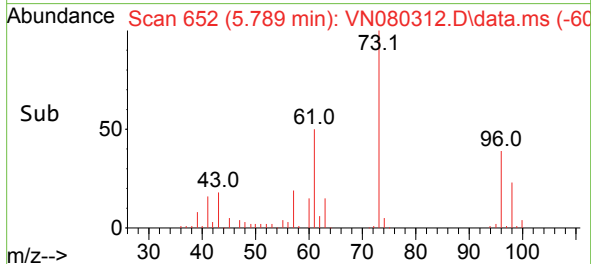
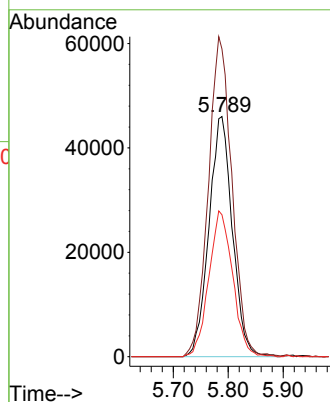
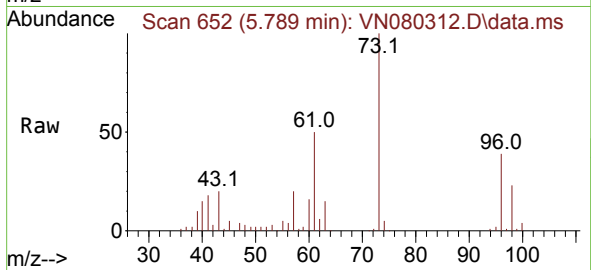




#21
trans-1,2-Dichloroethene
Concen: 52.541 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

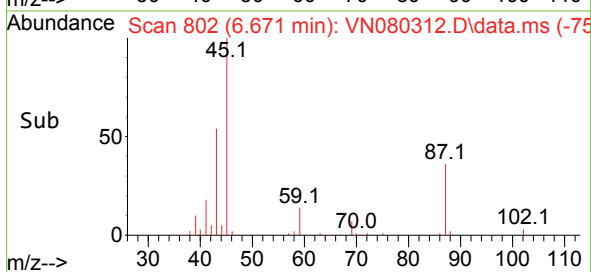
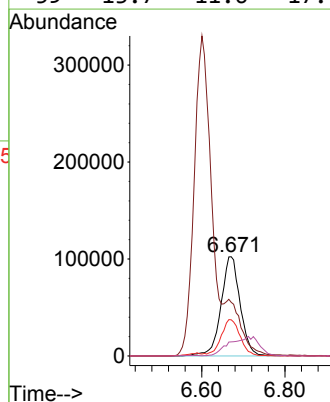
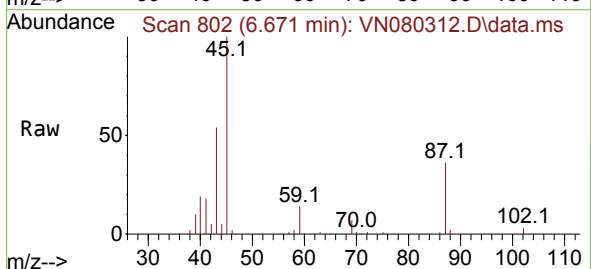
Instrument :
MSVOA_N
ClientSampleId :

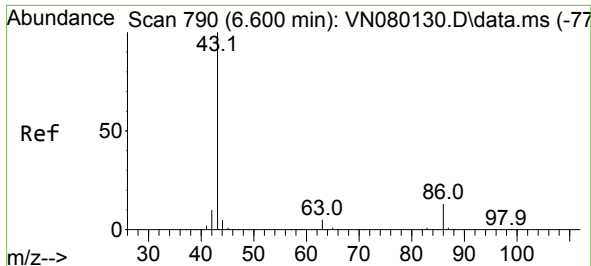
Tgt Ion: 96 Resp: 136196
Ion Ratio Lower Upper
96 100
61 128.1 90.1 135.1
98 59.1 46.4 69.6



#22
Diisopropyl ether
Concen: 49.867 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 45 Resp: 327533
Ion Ratio Lower Upper
45 100
43 52.9 45.5 68.3
87 36.4 31.8 47.8
59 13.7 11.6 17.4

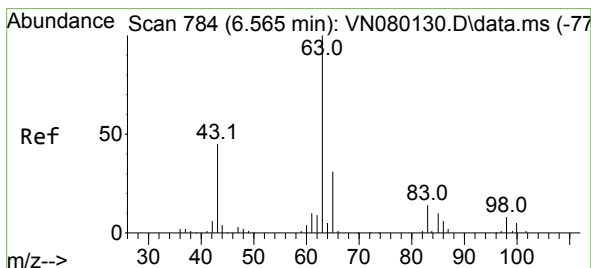
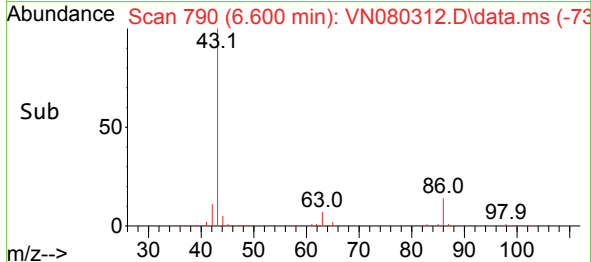
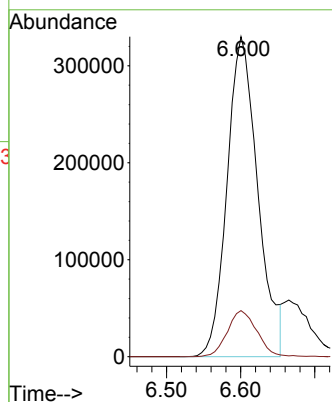
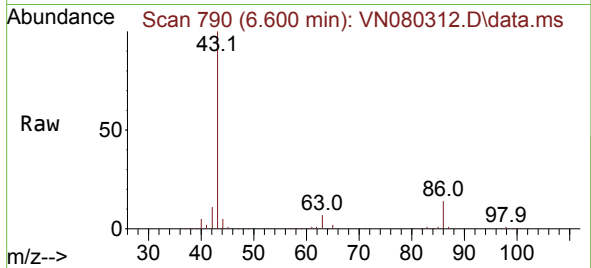




#23
 Vinyl Acetate
 Concen: 240.788 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

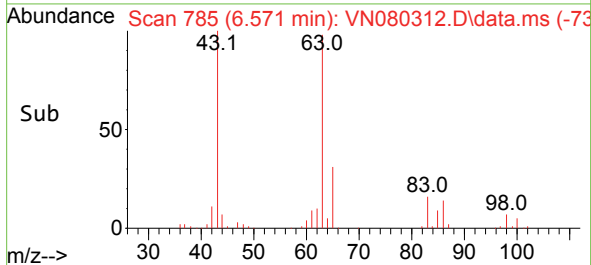
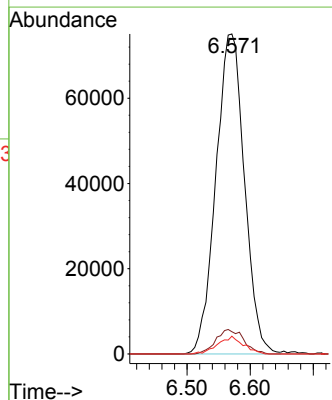
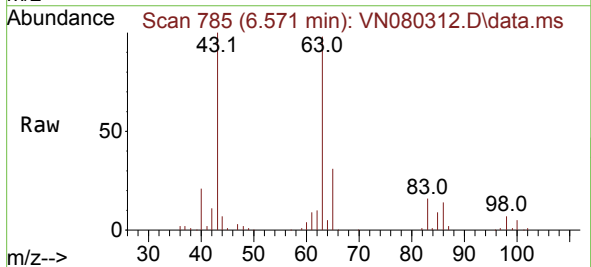
Instrument :
 MSVOA_N
 ClientSampleId :

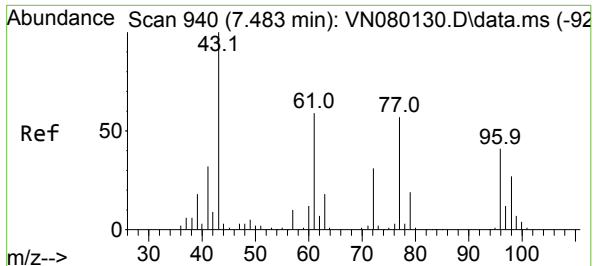
Tgt Ion: 43 Resp: 950793
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 49.253 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion: 63 Resp: 235619
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.6 2.5 7.4





#25

2-Butanone

Concen: 211.800 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

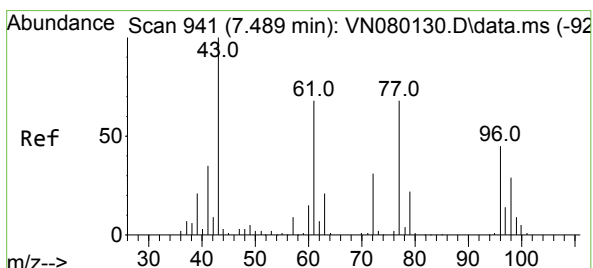
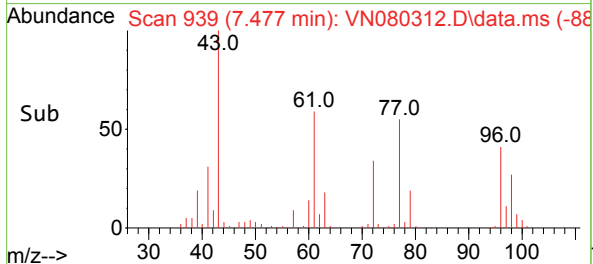
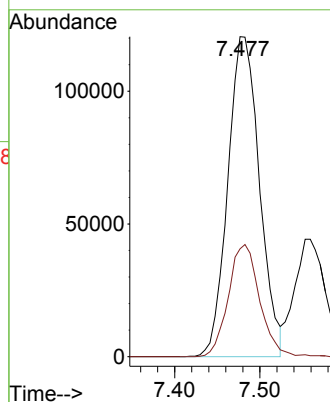
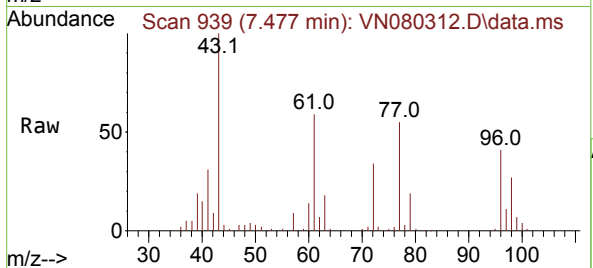
ClientSampleId :

Tgt Ion: 43 Resp: 311562

Ion Ratio Lower Upper

43 100

72 33.7 30.2 45.2



#26

2,2-Dichloropropane

Concen: 51.509 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080312.D

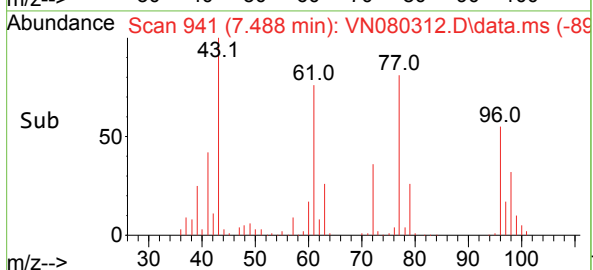
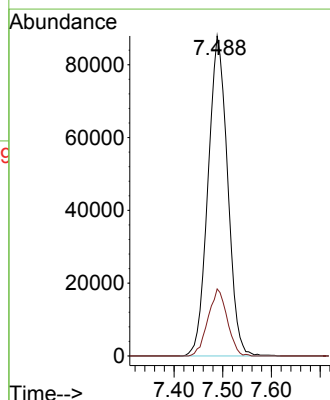
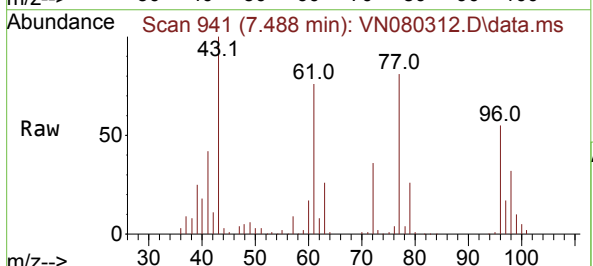
Acq: 01 Dec 2023 09:52

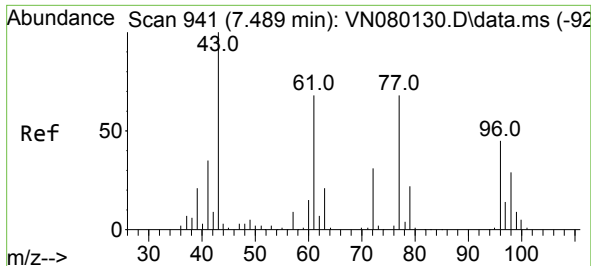
Tgt Ion: 77 Resp: 244469

Ion Ratio Lower Upper

77 100

97 20.6 11.2 33.6

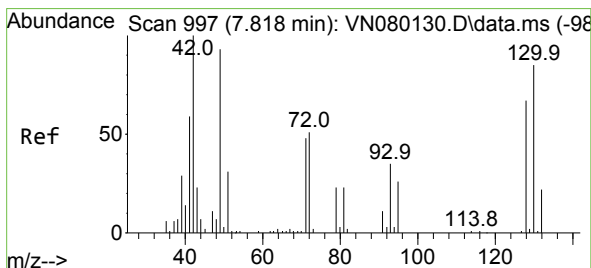
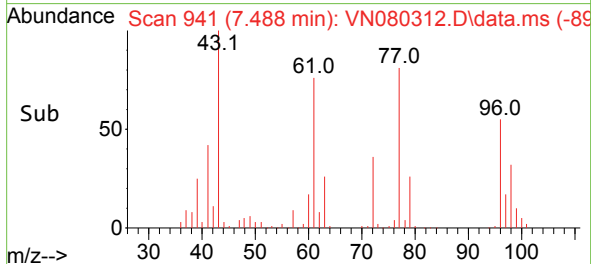
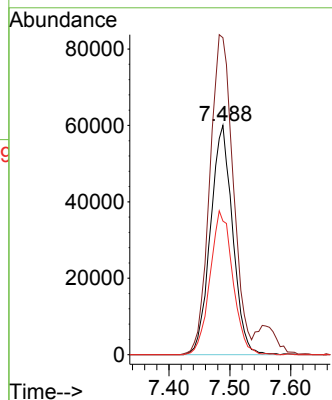
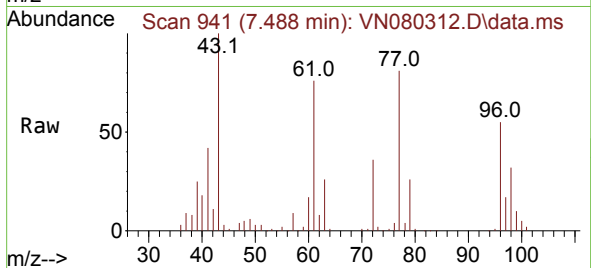




#27
 cis-1,2-Dichloroethene
 Concen: 51.631 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

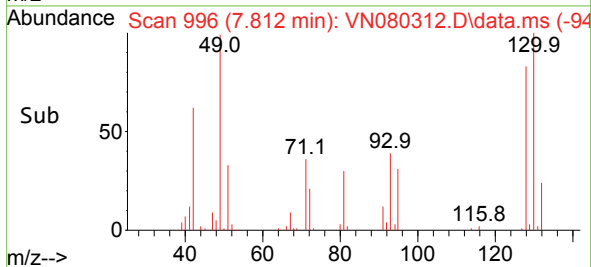
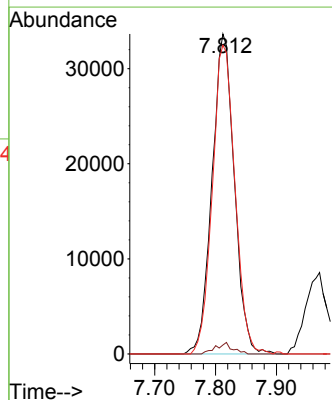
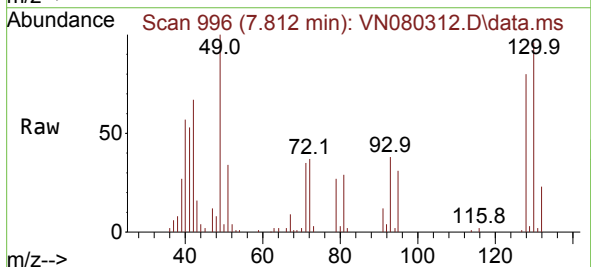
Instrument :
 MSVOA_N
 ClientSampleId :

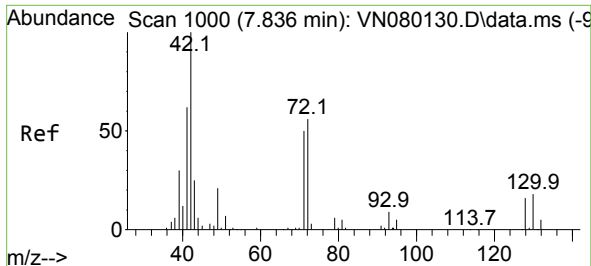
Tgt Ion: 96 Resp: 151740
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.516 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion: 49 Resp: 85600
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 97.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 213.845 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

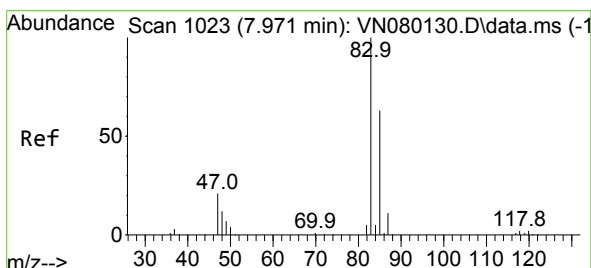
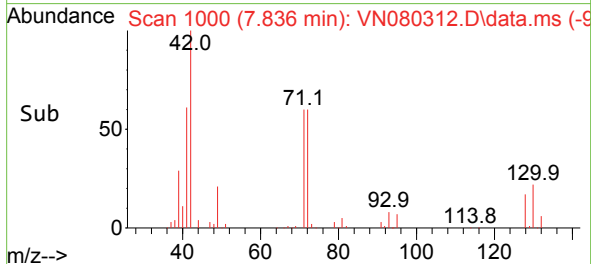
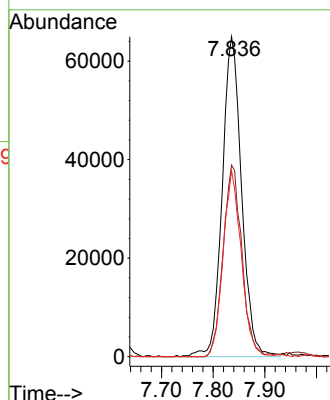
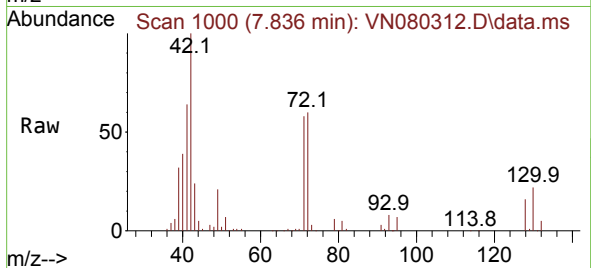
Tgt Ion: 42 Resp: 168885

Ion Ratio Lower Upper

42 100

72 58.0 49.8 74.6

71 54.8 47.4 71.2



#30

Chloroform

Concen: 52.001 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080312.D

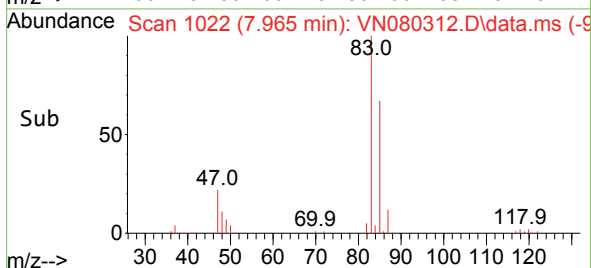
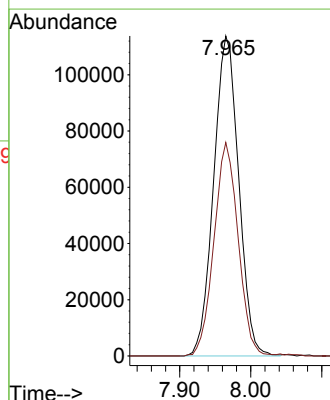
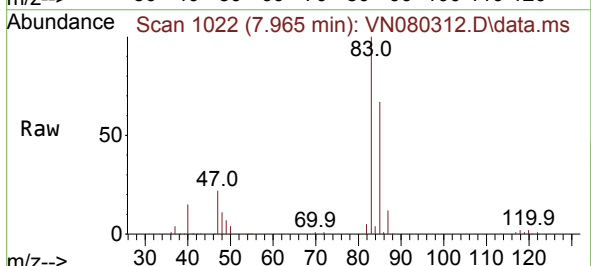
Acq: 01 Dec 2023 09:52

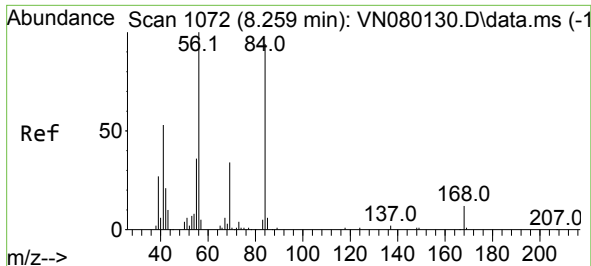
Tgt Ion: 83 Resp: 278045

Ion Ratio Lower Upper

83 100

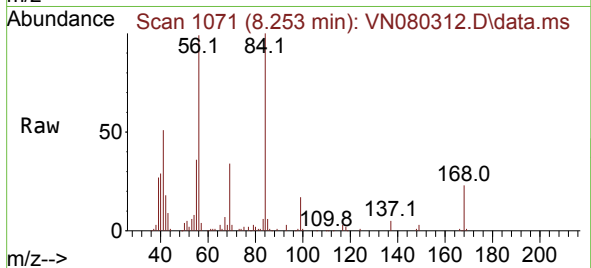
85 66.7 55.4 83.0



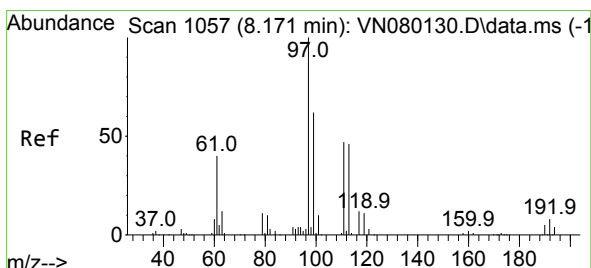
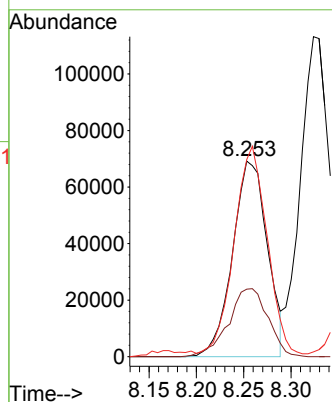
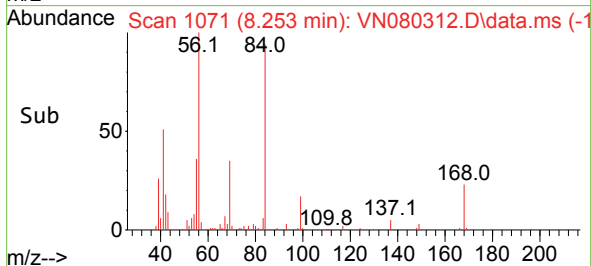


#31
Cyclohexane
Concen: 44.149 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

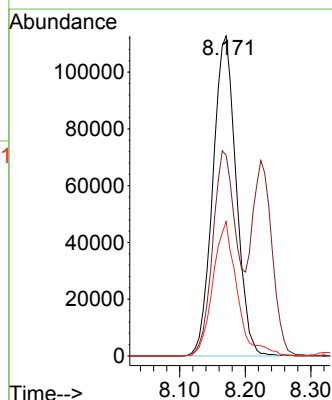
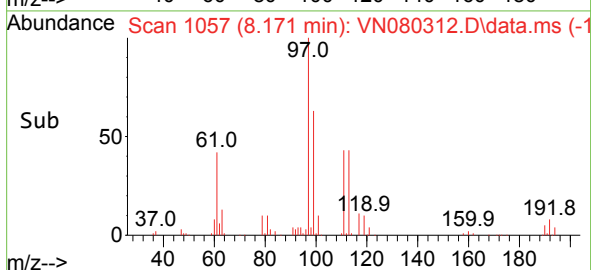
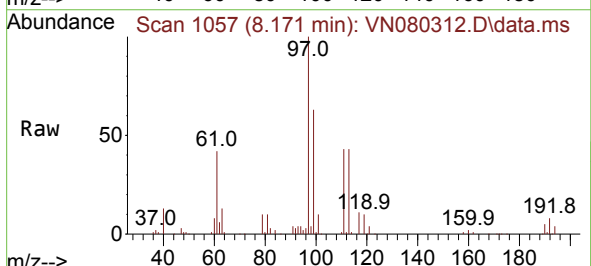


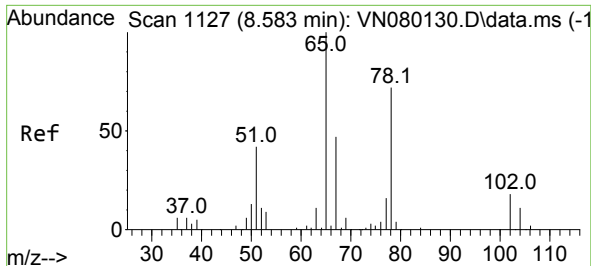
Tgt Ion: 56 Resp: 176987
Ion Ratio Lower Upper
56 100
69 34.5 26.8 40.2
84 98.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.385 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 97 Resp: 278371
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.150 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

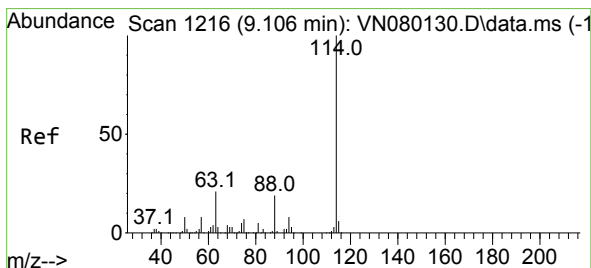
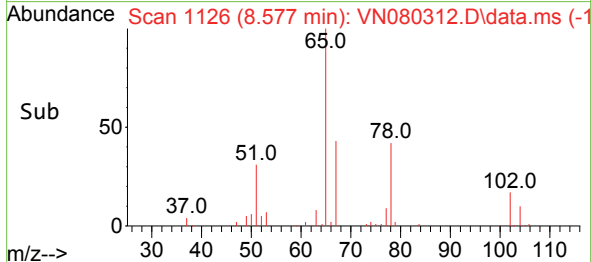
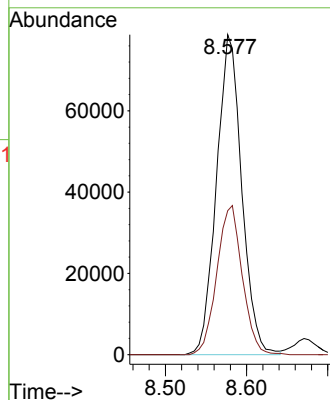
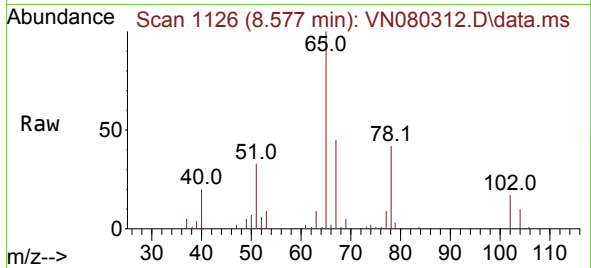
ClientSampleId :

Tgt Ion: 65 Resp: 170117

Ion Ratio Lower Upper

65 100

67 47.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

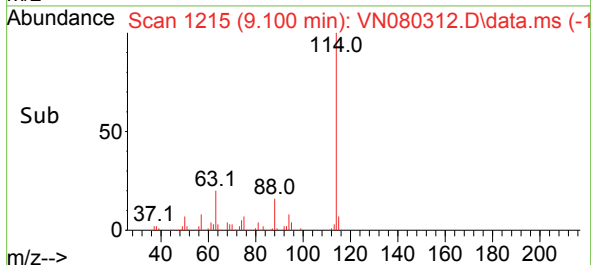
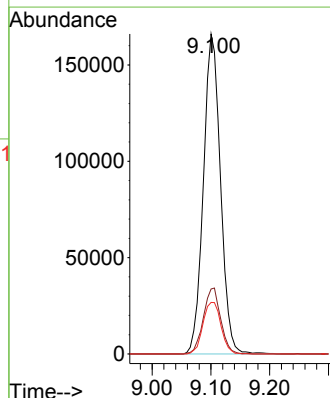
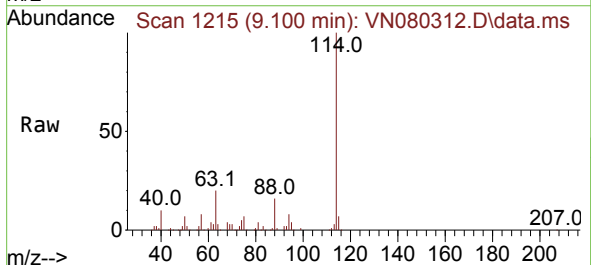
Tgt Ion: 114 Resp: 336686

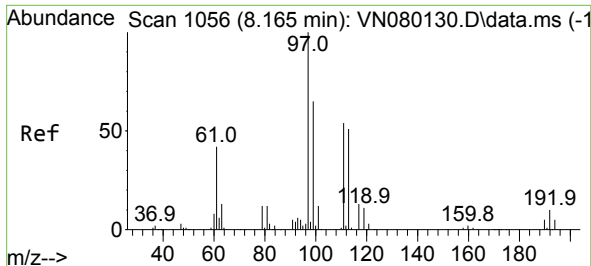
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

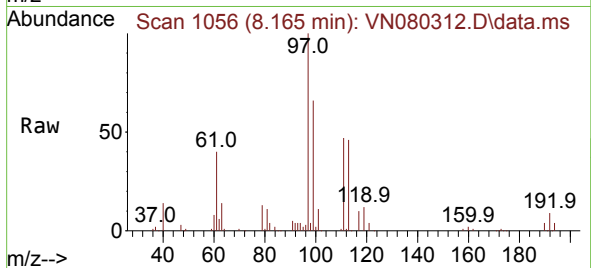
88 16.1 0.0 30.6



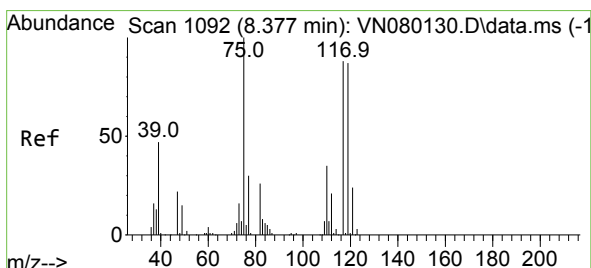
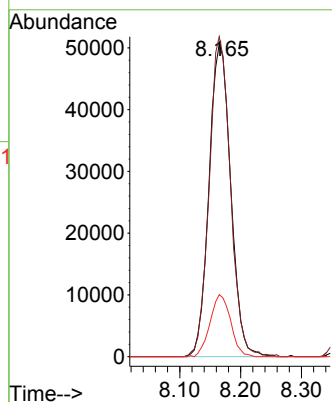
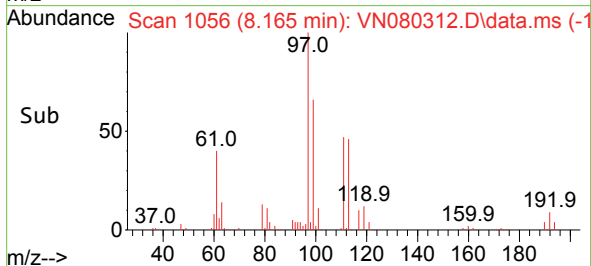


#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

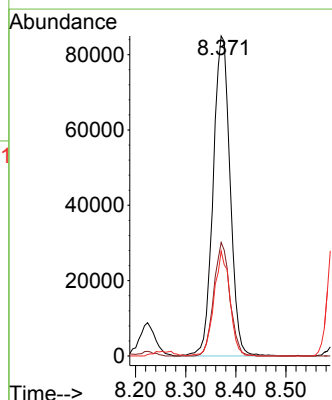
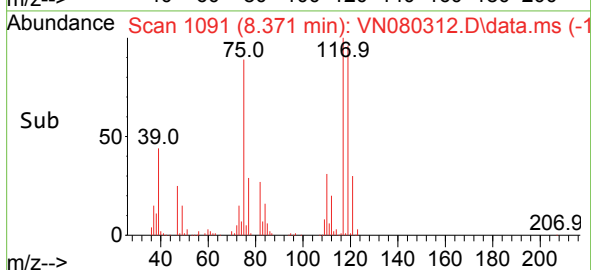
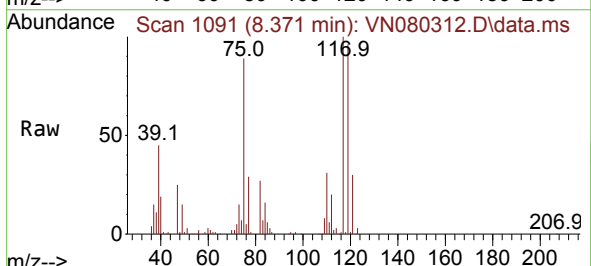


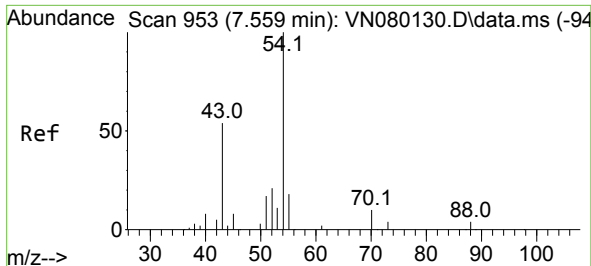
Tgt Ion:113 Resp: 125468
Ion Ratio Lower Upper
113 100
111 100.0 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.441 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 75 Resp: 199409
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 30.6 25.0 37.4

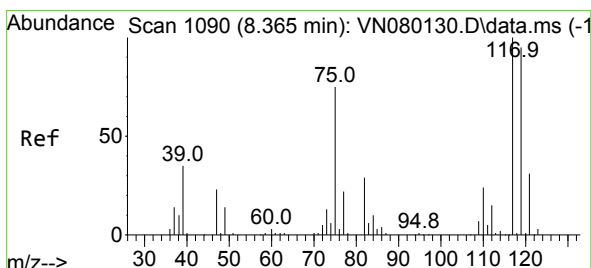
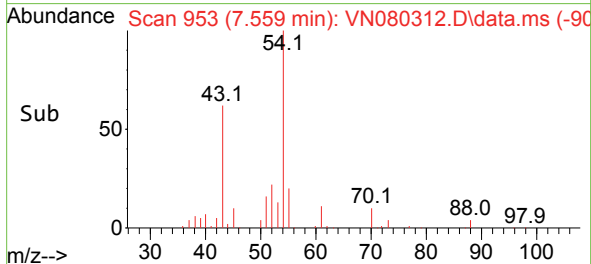
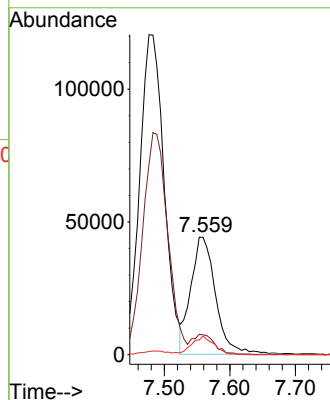
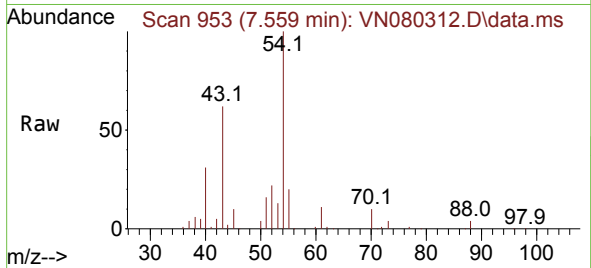




#37
Ethyl Acetate
Concen: 46.516 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

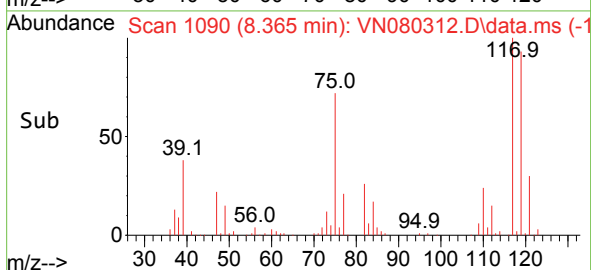
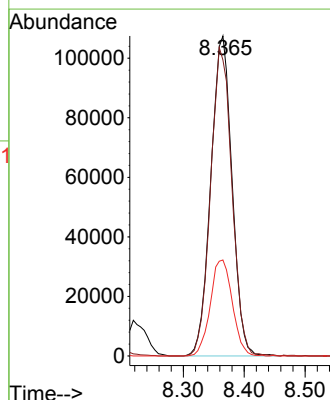
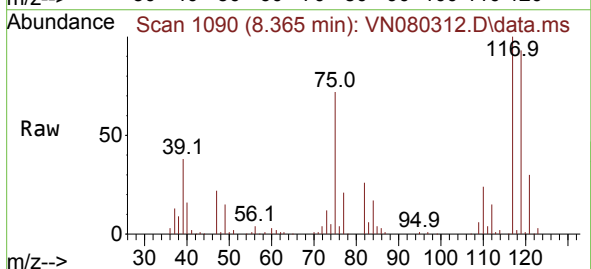
Instrument :
MSVOA_N
ClientSampleId :

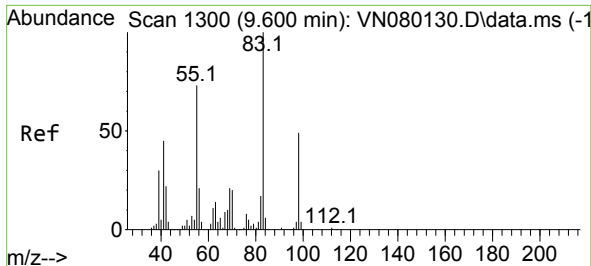
Tgt Ion: 43 Resp: 116051
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 13.9 11.3 16.9



#38
Carbon Tetrachloride
Concen: 56.961 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 117 Resp: 259987
Ion Ratio Lower Upper
117 100
119 92.5 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 53.406 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

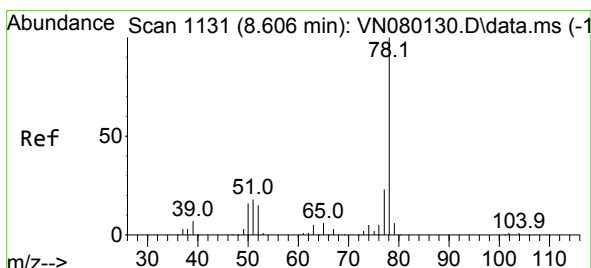
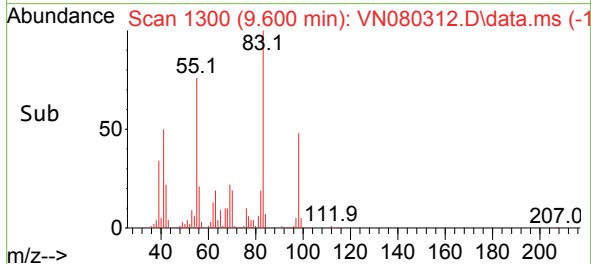
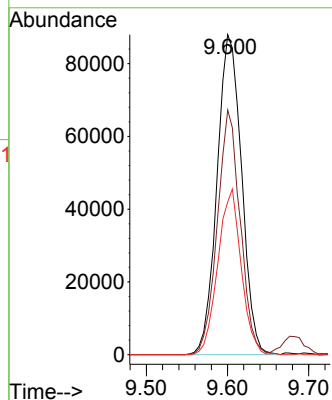
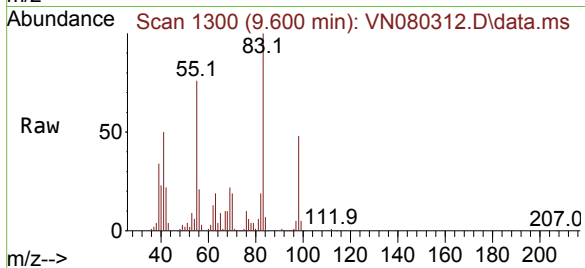
Tgt Ion: 83 Resp: 185215

Ion Ratio Lower Upper

83 100

55 76.4 49.1 73.7#

98 47.7 40.6 61.0



#40

Benzene

Concen: 53.066 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080312.D

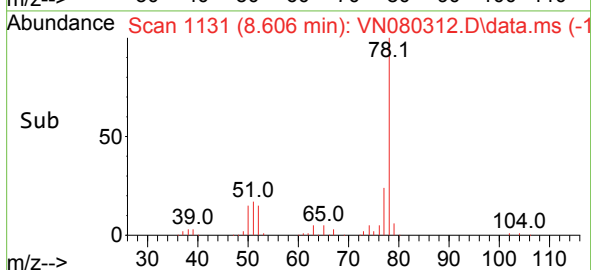
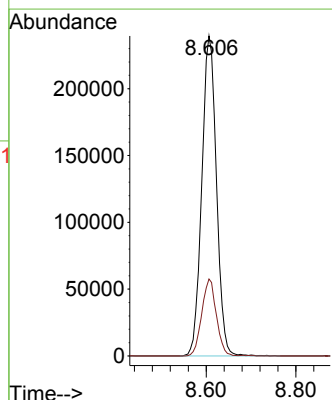
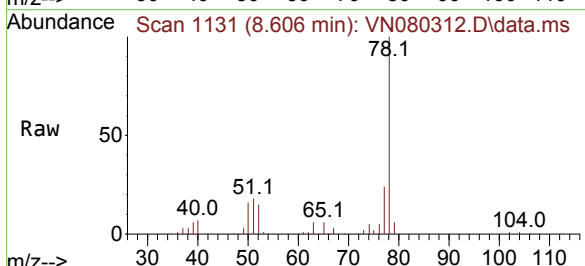
Acq: 01 Dec 2023 09:52

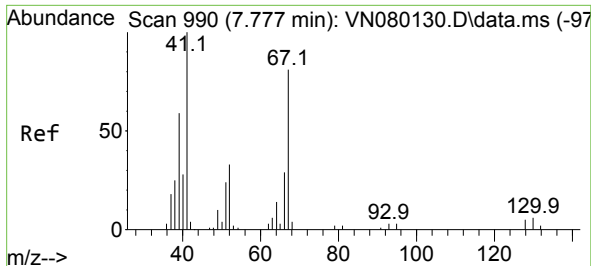
Tgt Ion: 78 Resp: 542462

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

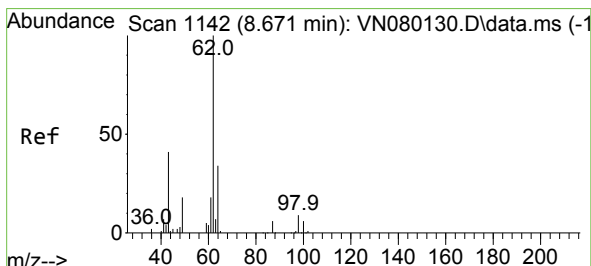
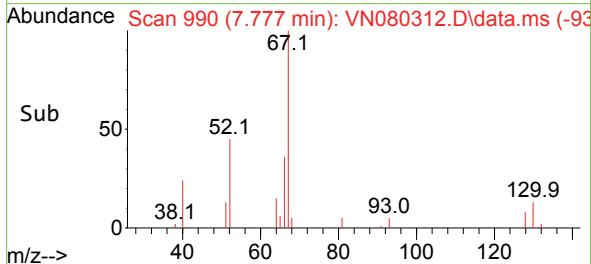
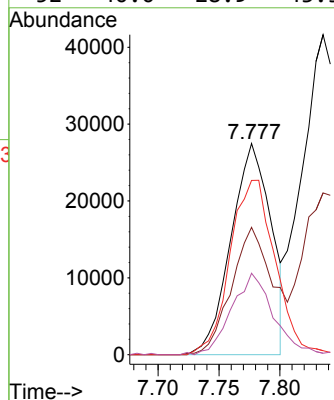
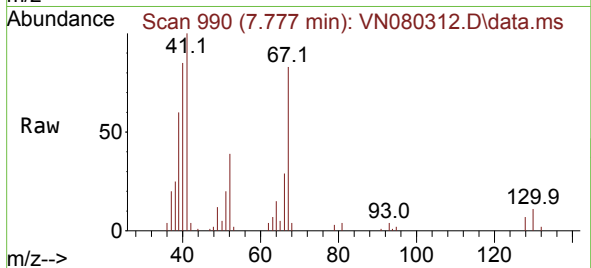




#41
Methacrylonitrile
Concen: 45.805 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

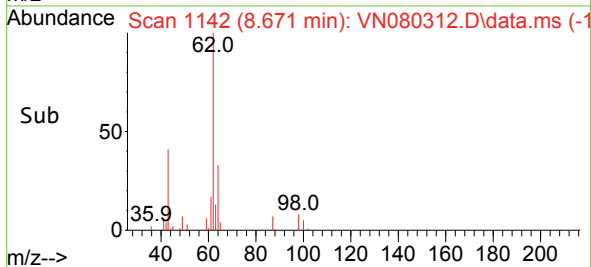
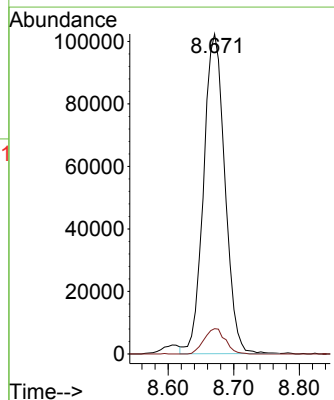
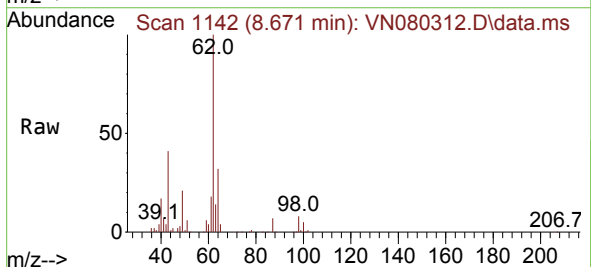
Instrument :
MSVOA_N
ClientSampleId :

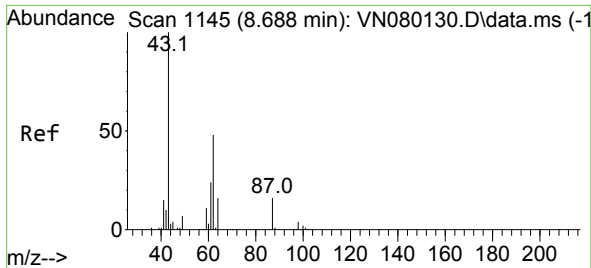
Tgt Ion:	41	Resp:	62758
Ion	Ratio	Lower	Upper
41	100		
39	63.4	42.6	64.0
67	93.7	77.5	116.3
52	40.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 55.318 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:	62	Resp:	231354
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.8

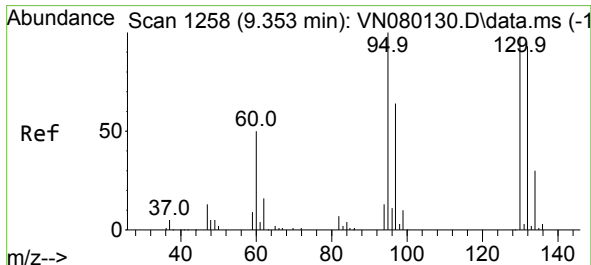
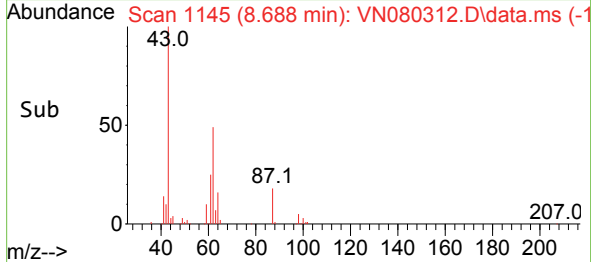
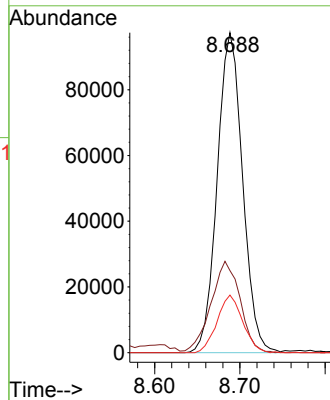
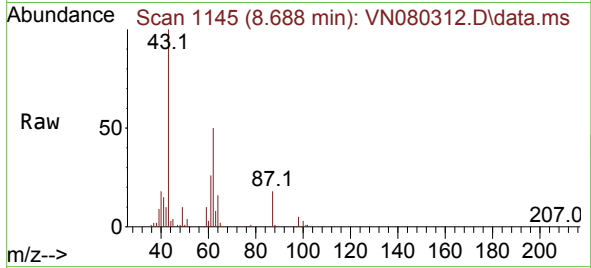




#43
Isopropyl Acetate
Concen: 41.532 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

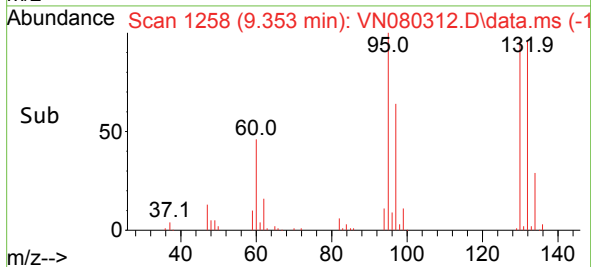
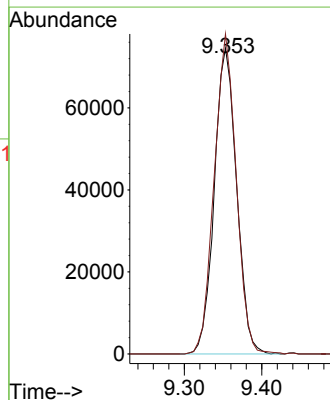
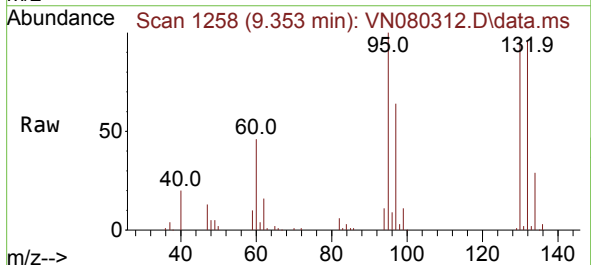
Instrument :
MSVOA_N
ClientSampleId :

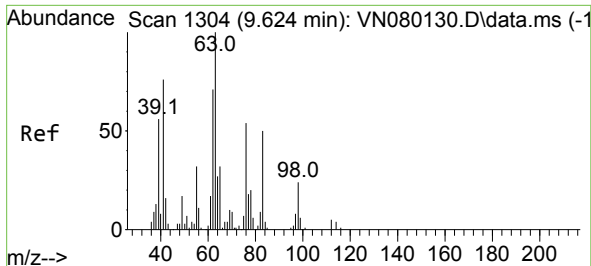
Tgt Ion: 43 Resp: 201635
Ion Ratio Lower Upper
43 100
61 32.9 24.7 37.1
87 18.2 14.6 21.8



#44
Trichloroethene
Concen: 55.669 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:130 Resp: 149276
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.959 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

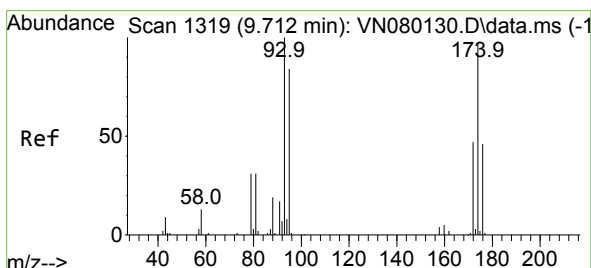
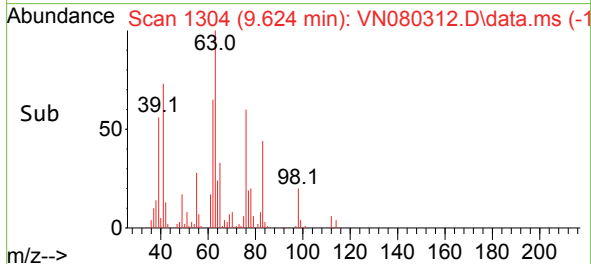
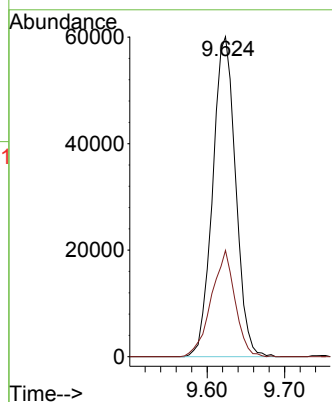
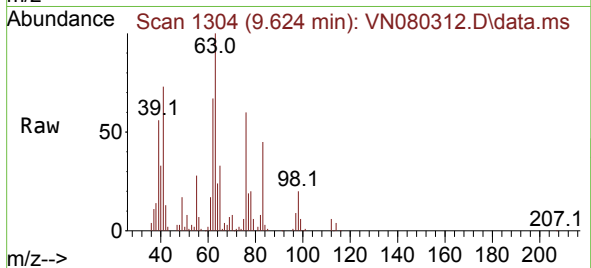
ClientSampleId :

Tgt Ion: 63 Resp: 123434

Ion Ratio Lower Upper

63 100

65 33.2 23.9 35.9



#46

Dibromomethane

Concen: 53.117 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

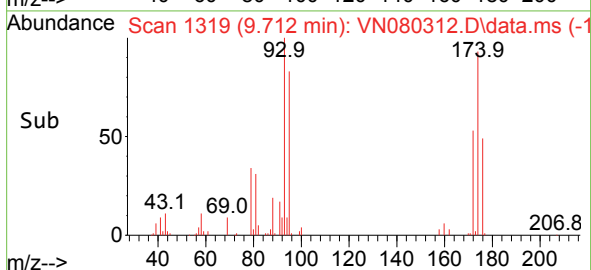
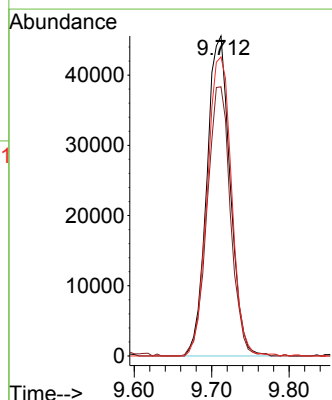
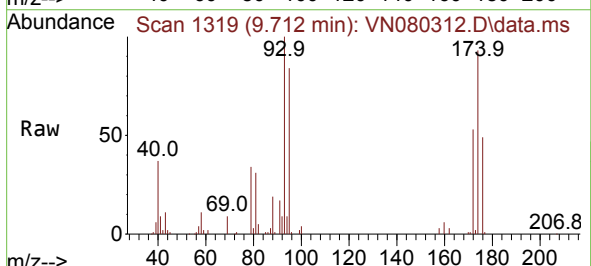
Tgt Ion: 93 Resp: 95519

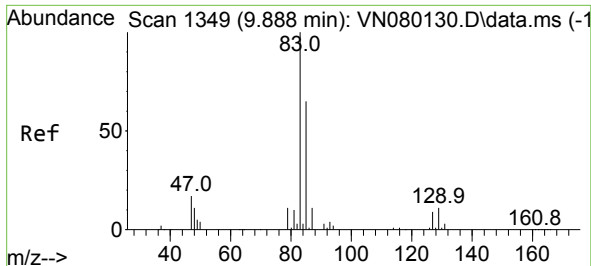
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

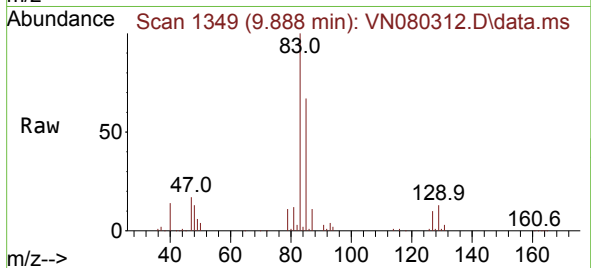
174 97.0 65.6 98.4



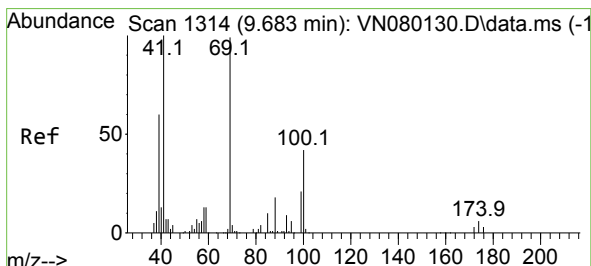
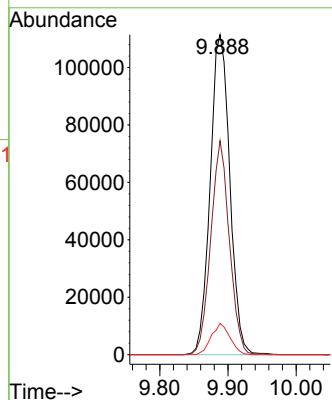
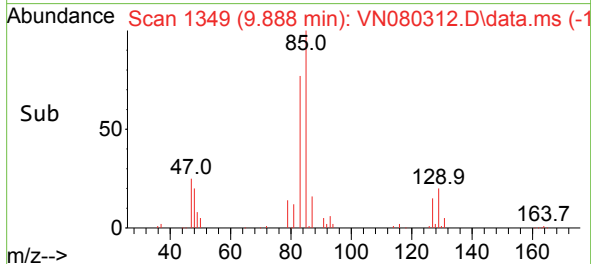


#47
Bromodichloromethane
Concen: 56.397 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

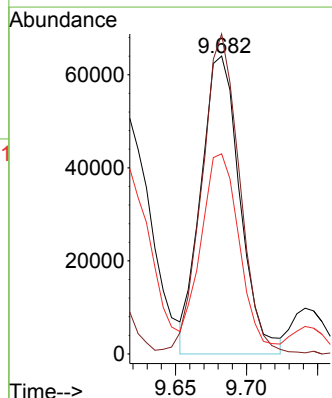
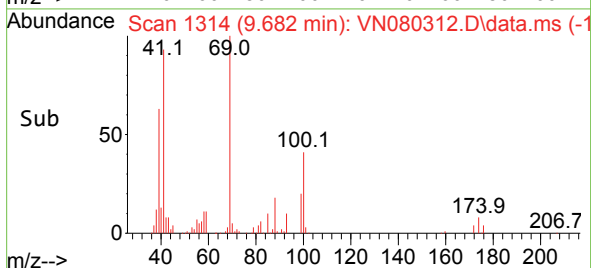
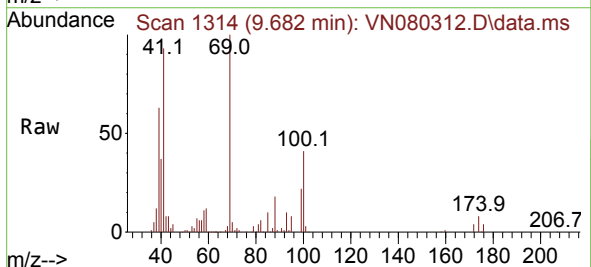


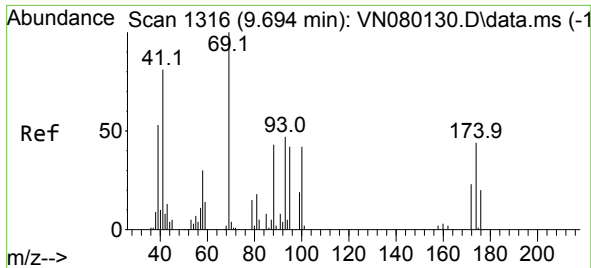
Tgt Ion: 83 Resp: 223088
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 9.7 7.0 10.6



#48
Methyl methacrylate
Concen: 48.967 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

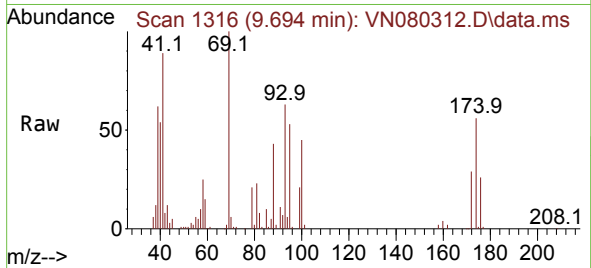
Tgt Ion: 41 Resp: 122512
Ion Ratio Lower Upper
41 100
69 104.1 90.4 135.6
39 67.3 54.6 81.8



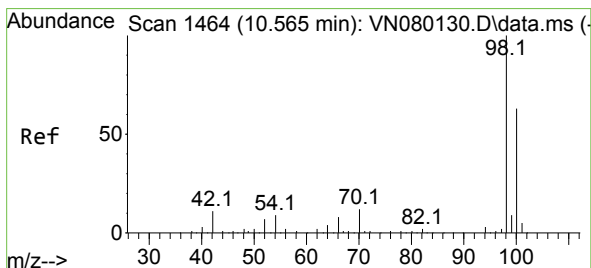
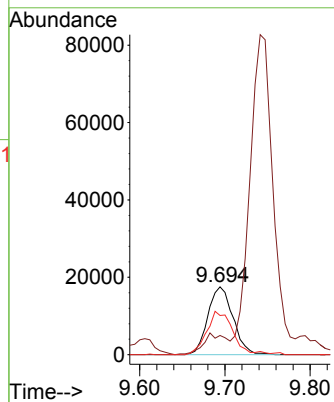
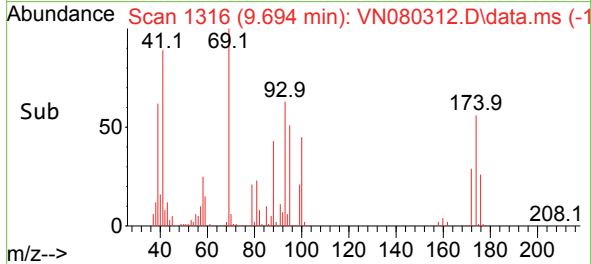


#49
1,4-Dioxane
Concen: 863.666 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

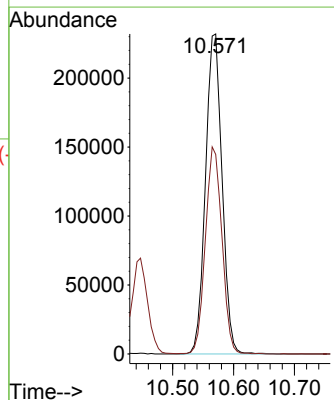
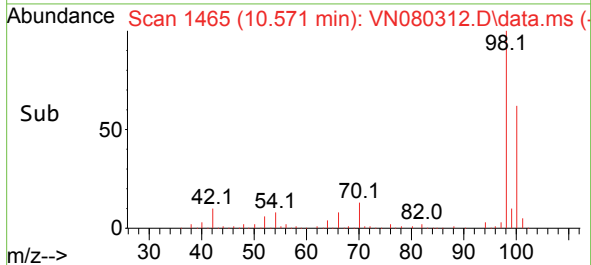
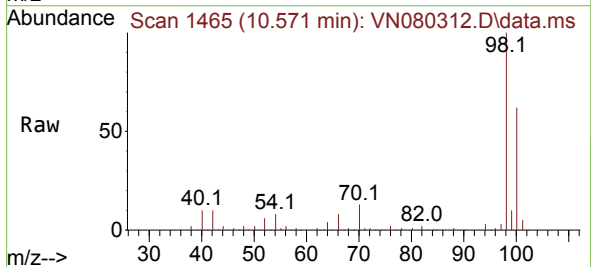


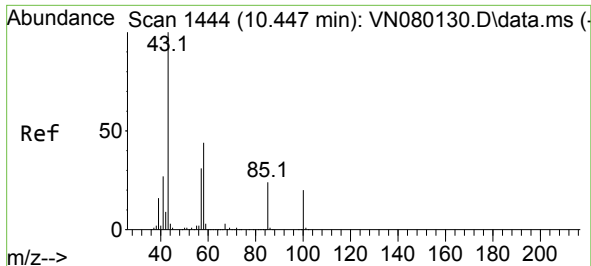
Tgt Ion: 88 Resp: 35948
Ion Ratio Lower Upper
88 100
43 29.2 17.0 25.6#
58 67.5 47.0 70.4



#50
Toluene-d8
Concen: 48.879 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

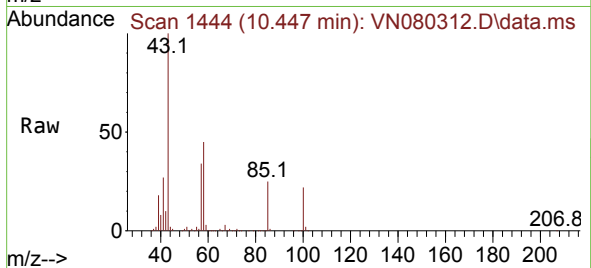
Tgt Ion: 98 Resp: 437731
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



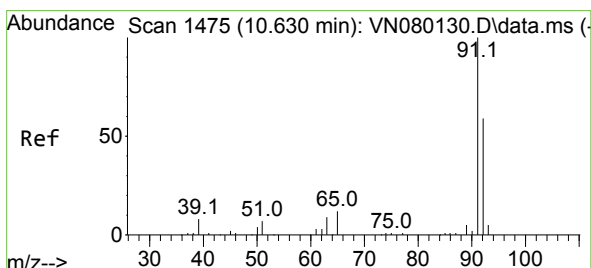
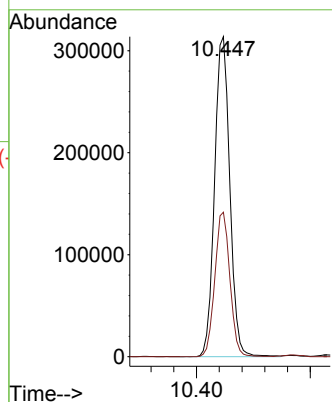
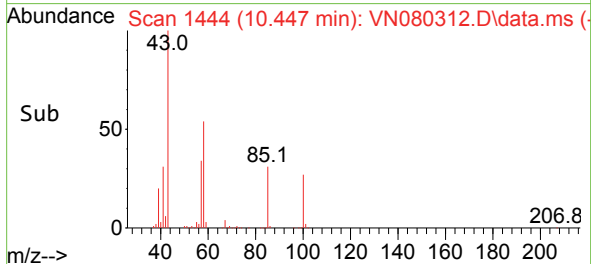


#51
4-Methyl-2-Pentanone
Concen: 231.809 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

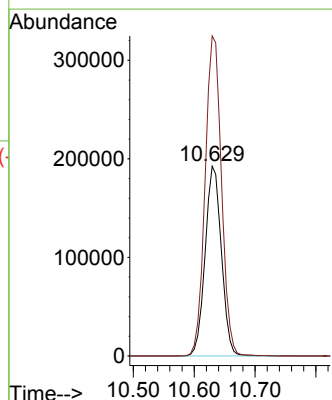
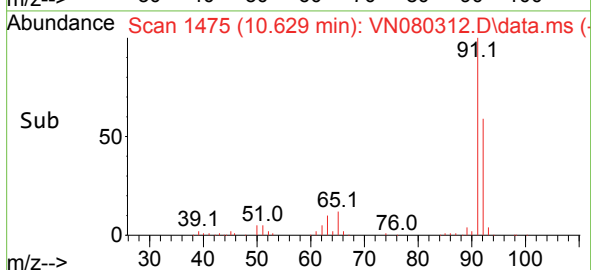
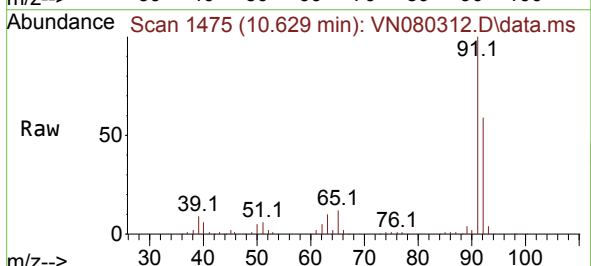


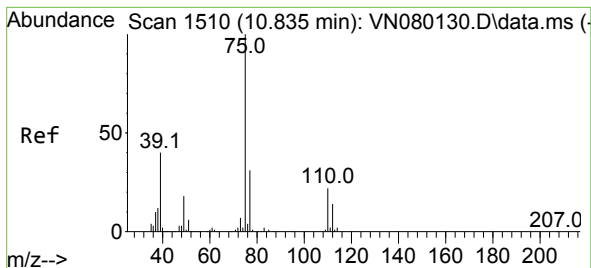
Tgt Ion: 43 Resp: 582655
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8



#52
Toluene
Concen: 55.755 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 92 Resp: 356688
Ion Ratio Lower Upper
92 100
91 170.3 137.4 206.0

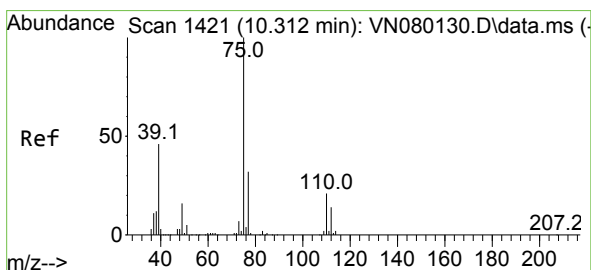
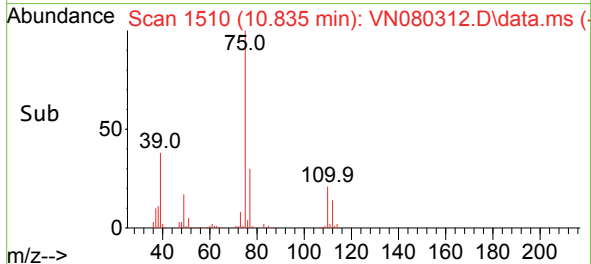
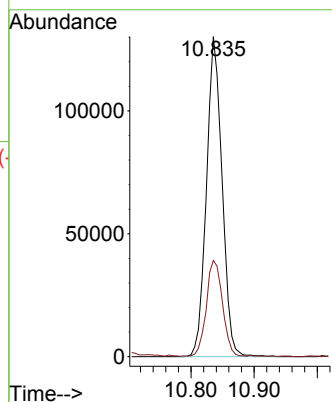
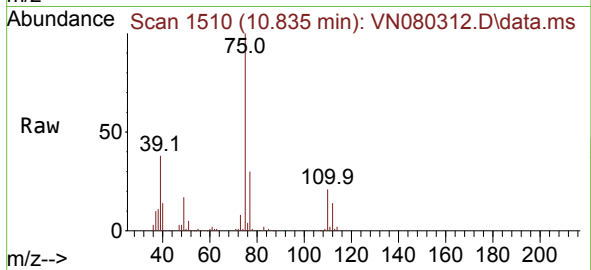




#53
 t-1,3-Dichloropropene
 Concen: 55.180 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

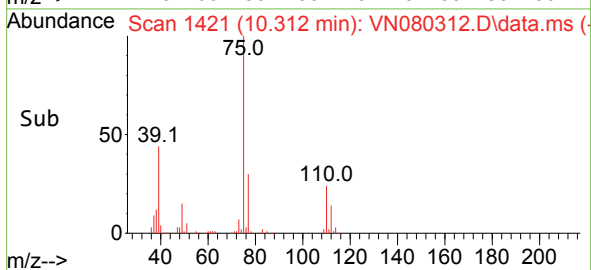
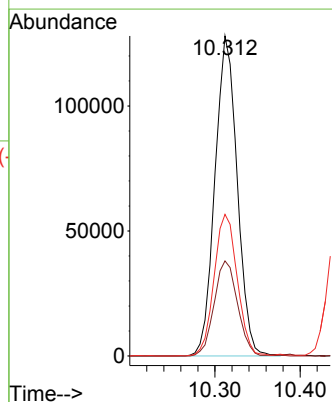
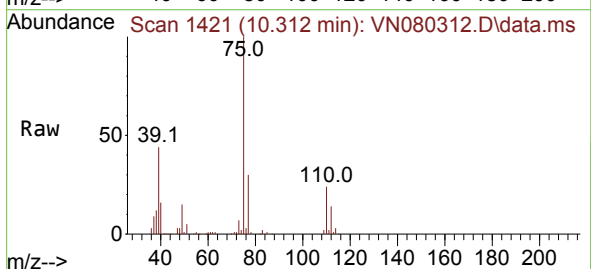
Instrument :
 MSVOA_N
 ClientSampleId :

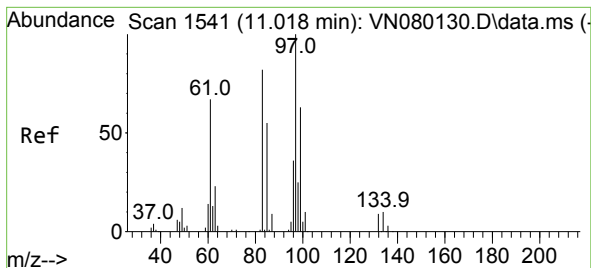
Tgt Ion: 75 Resp: 224259
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 56.047 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion: 75 Resp: 232717
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.1 39.1
 39 44.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 51.999 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 126966

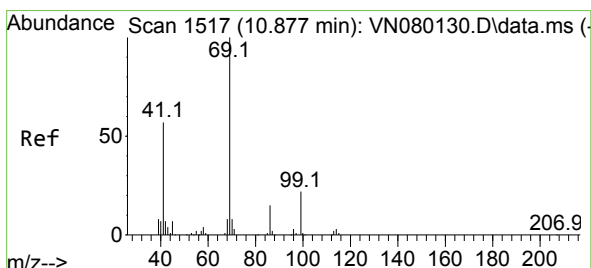
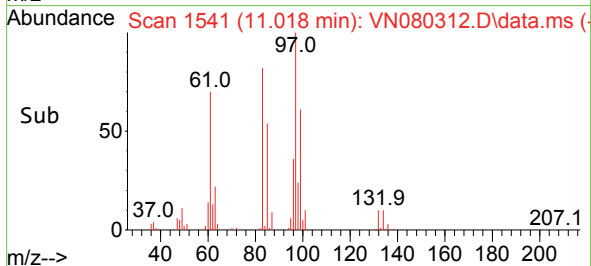
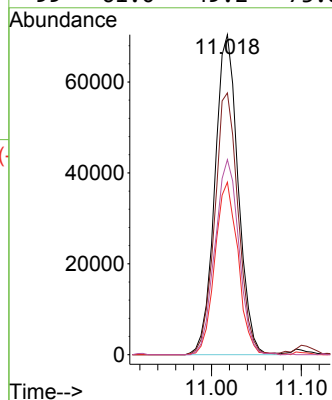
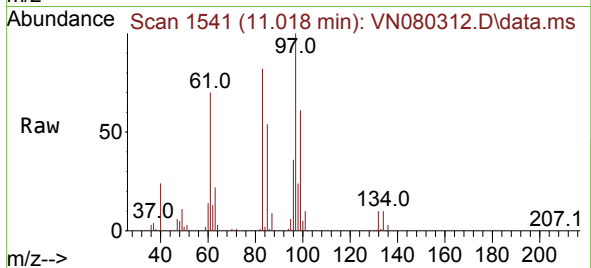
Ion Ratio Lower Upper

97 100

83 81.8 65.1 97.7

85 53.9 43.4 65.2

99 61.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 54.597 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

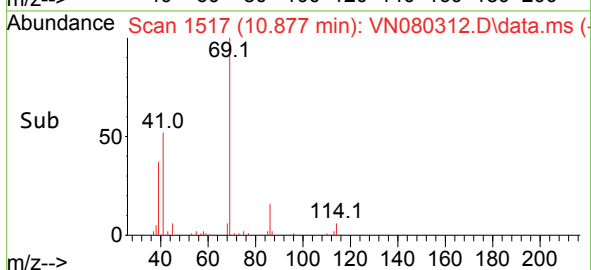
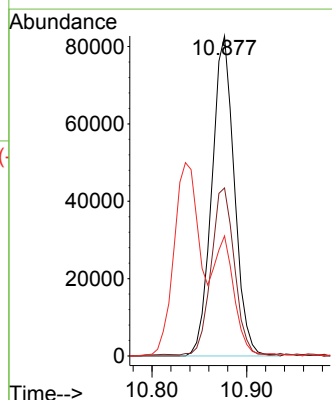
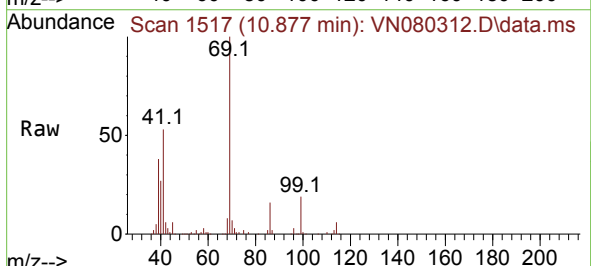
Tgt Ion: 69 Resp: 136187

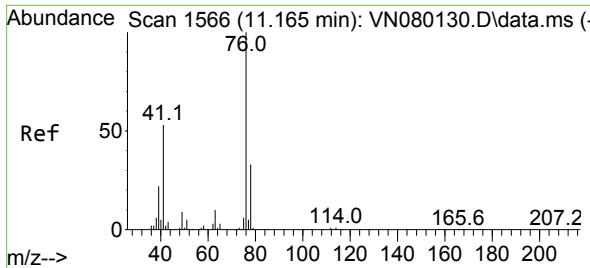
Ion Ratio Lower Upper

69 100

41 53.9 39.6 59.4

39 34.4 28.6 43.0

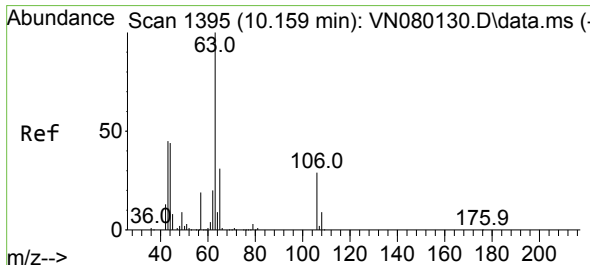
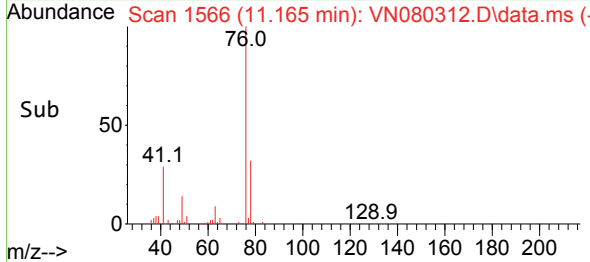
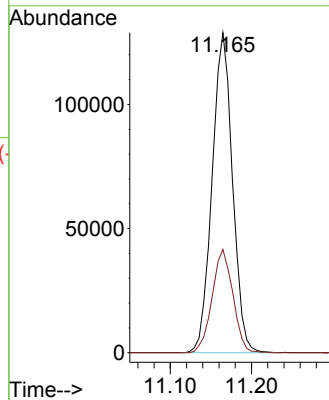
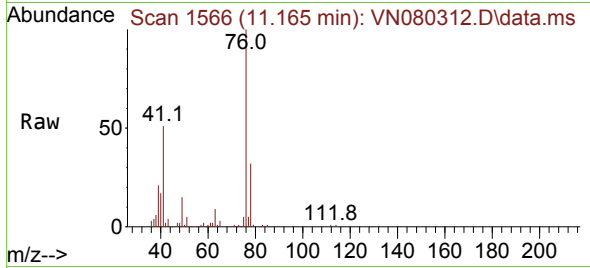




#57
1,3-Dichloropropane
Concen: 52.718 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

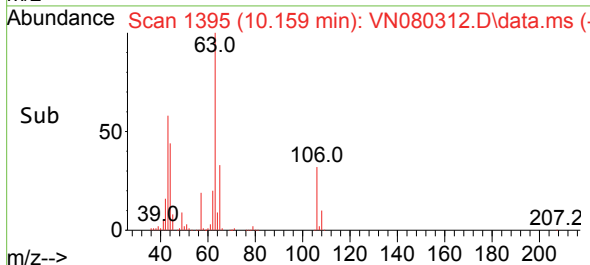
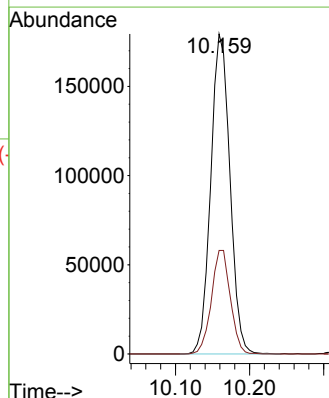
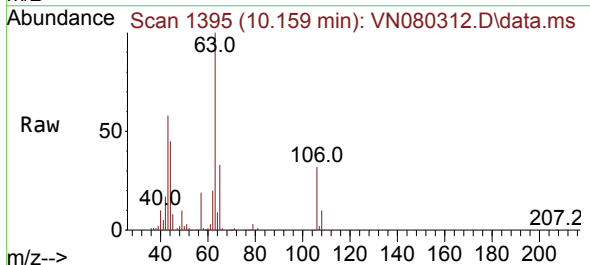
Instrument :
MSVOA_N
ClientSampleId :

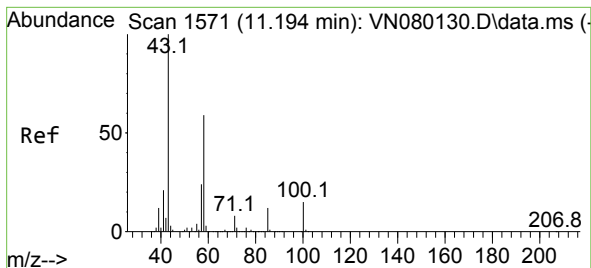
Tgt Ion: 76 Resp: 224744
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 229.201 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 63 Resp: 322092
Ion Ratio Lower Upper
63 100
106 32.0 26.2 39.4

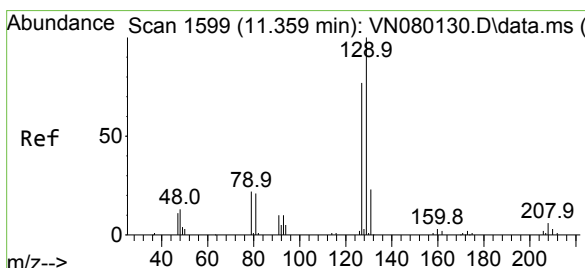
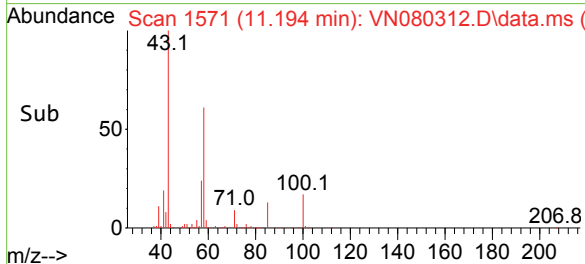
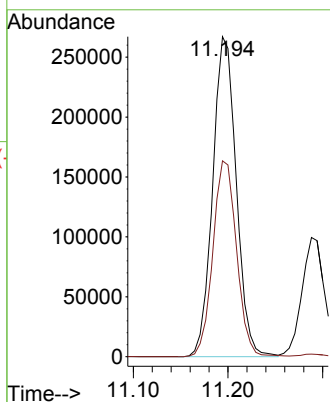
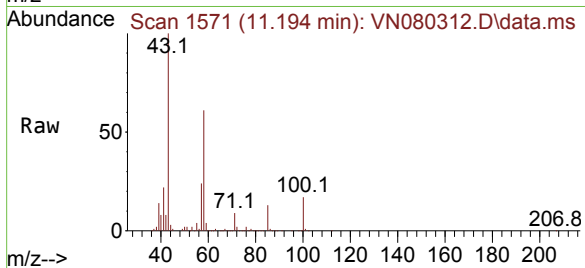




#59
2-Hexanone
Concen: 228.720 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

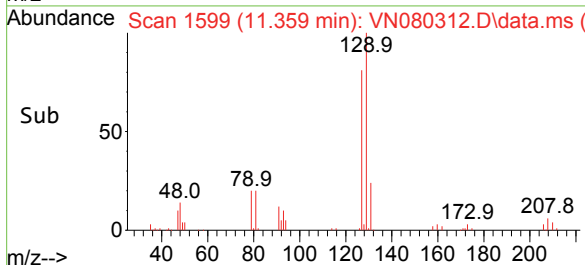
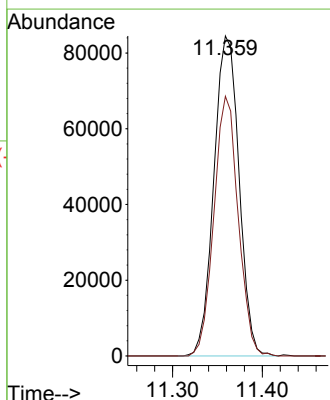
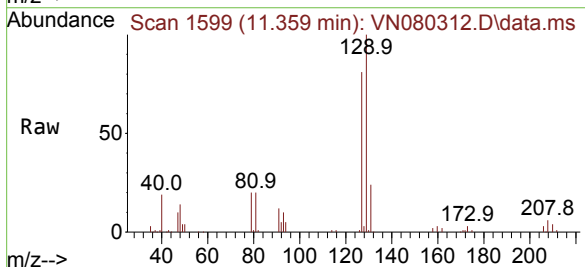
Instrument :
MSVOA_N
ClientSampleId :

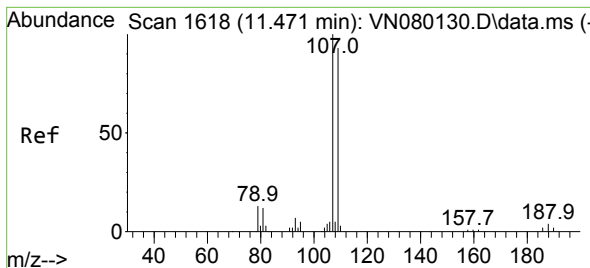
Tgt Ion: 43 Resp: 461956
Ion Ratio Lower Upper
43 100
58 61.6 31.7 95.1



#60
Dibromochloromethane
Concen: 56.270 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:129 Resp: 164492
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

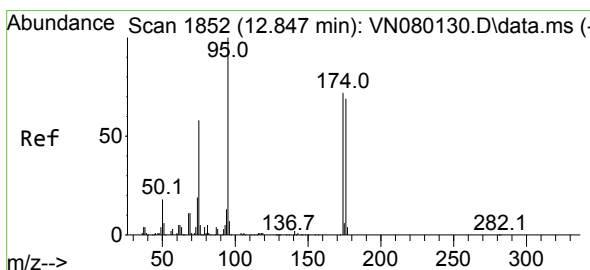
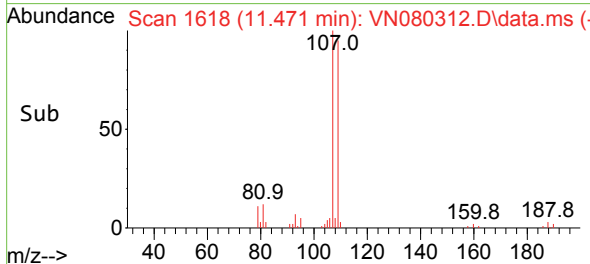
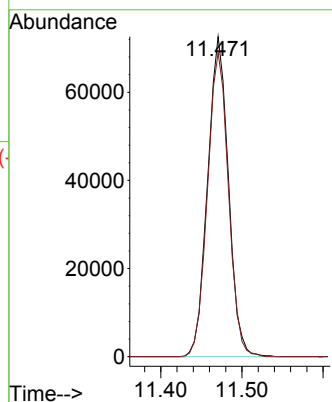
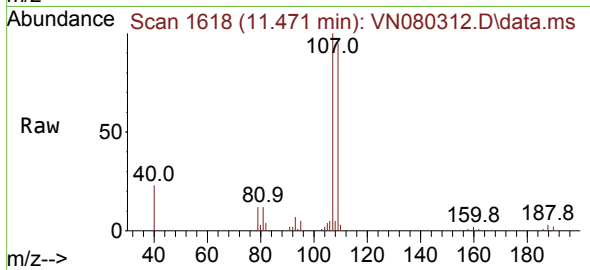




#61
1,2-Dibromoethane
Concen: 51.840 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

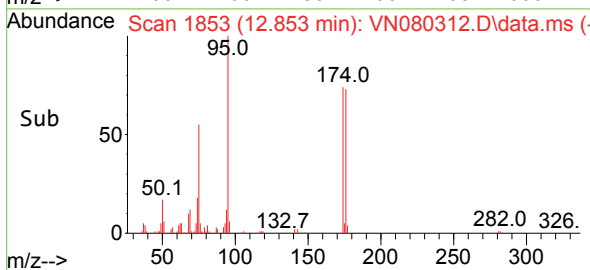
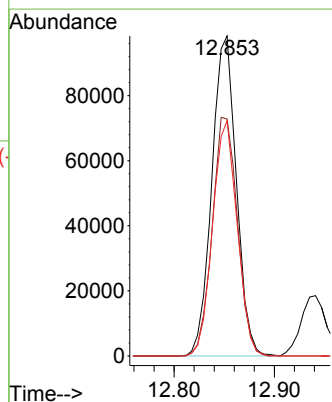
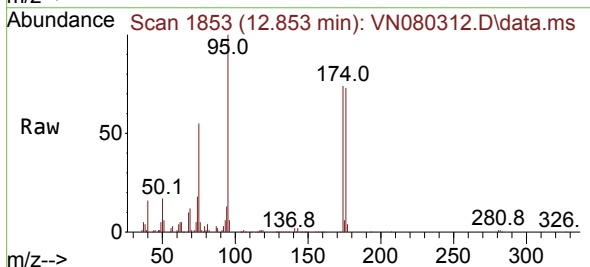
Instrument :
MSVOA_N
ClientSampleId :

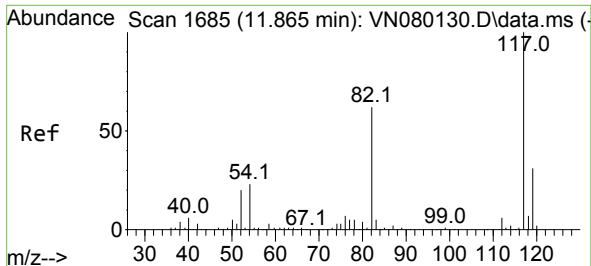
Tgt Ion:107 Resp: 129132
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.386 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 95 Resp: 167053
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 73.5 0.0 135.8

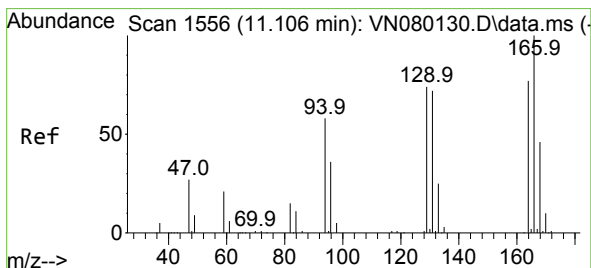
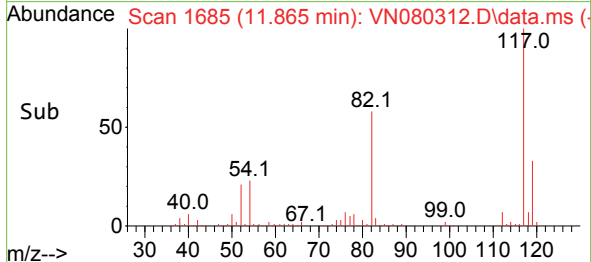
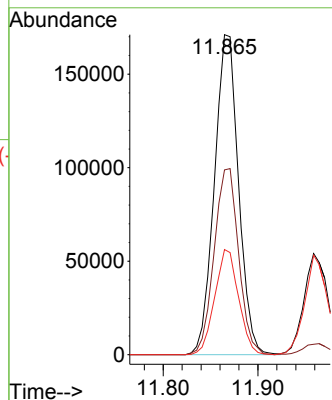
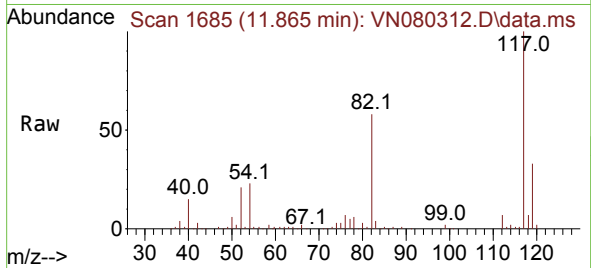




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

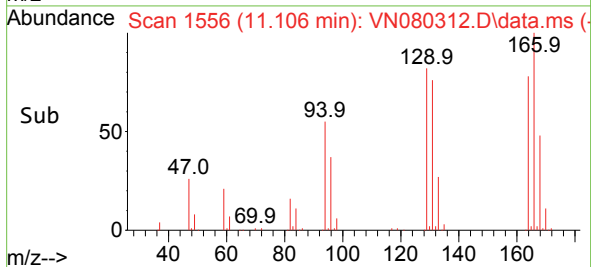
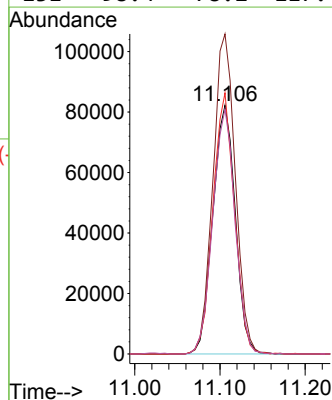
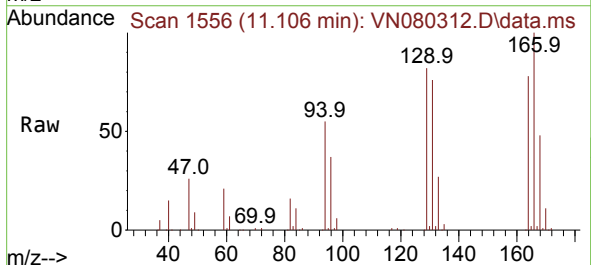
Instrument :
MSVOA_N
ClientSampleId :

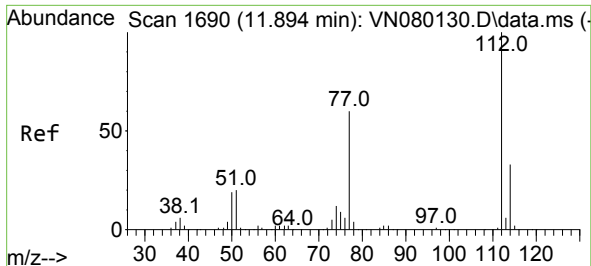
Tgt Ion:117 Resp: 303368
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 64.909 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:164 Resp: 150276
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 105.0 82.4 123.6
131 98.4 78.2 117.4

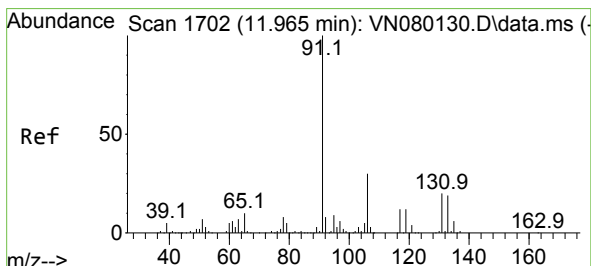
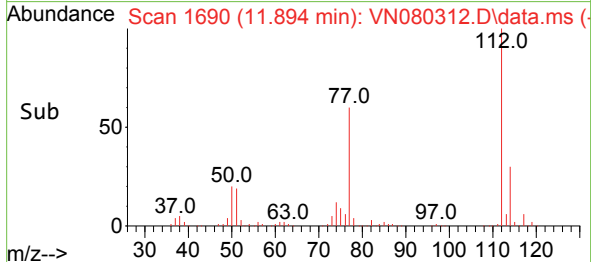
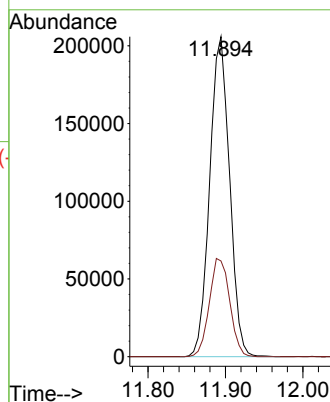
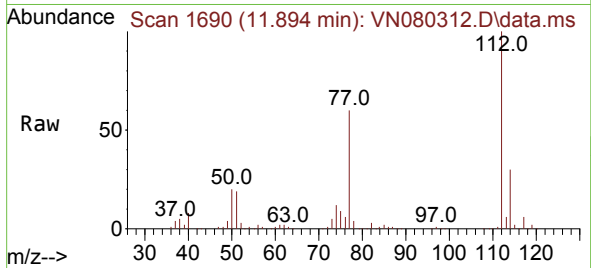




#65
Chlorobenzene
Concen: 53.320 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

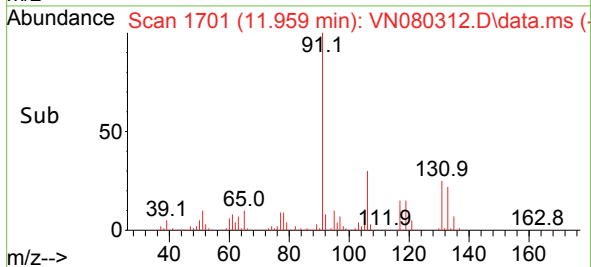
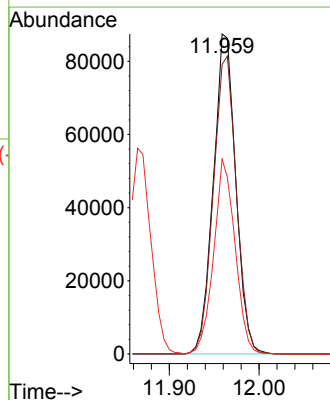
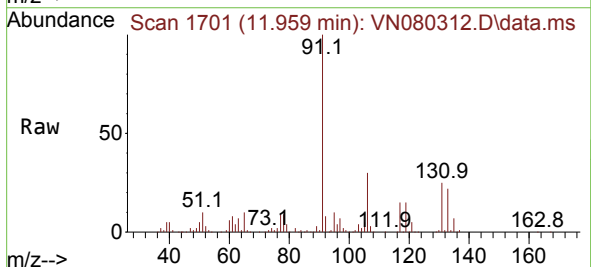
Instrument :
MSVOA_N
ClientSampleId :

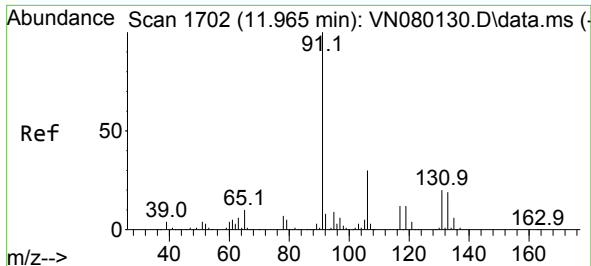
Tgt Ion:112 Resp: 366529
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.004 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

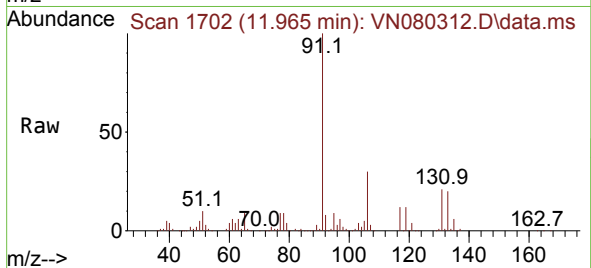
Tgt Ion:131 Resp: 152063
Ion Ratio Lower Upper
131 100
133 95.4 46.4 139.1
119 58.1 34.1 102.2



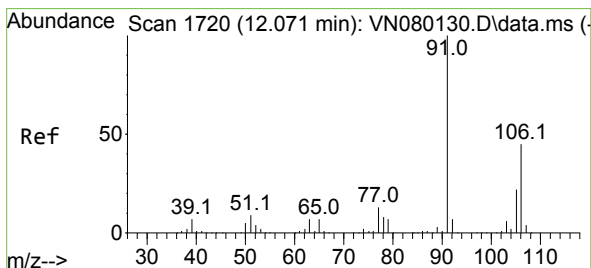
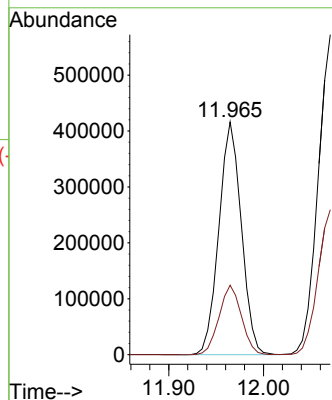
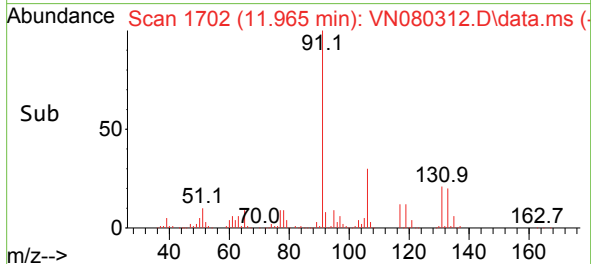


#67
Ethyl Benzene
Concen: 56.021 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :

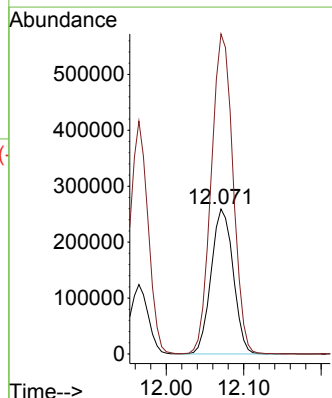
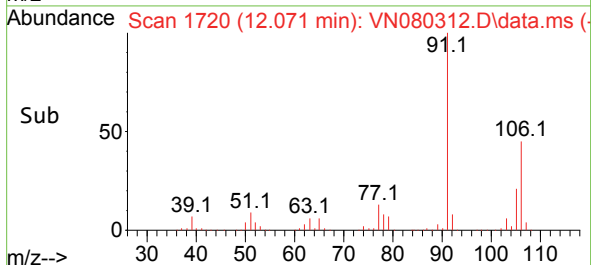
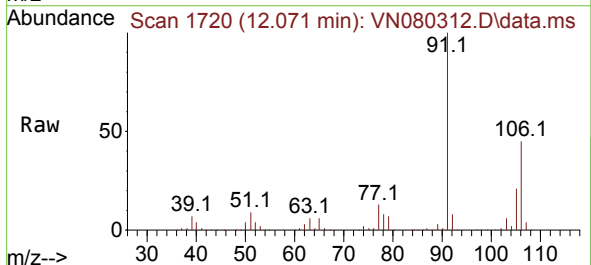


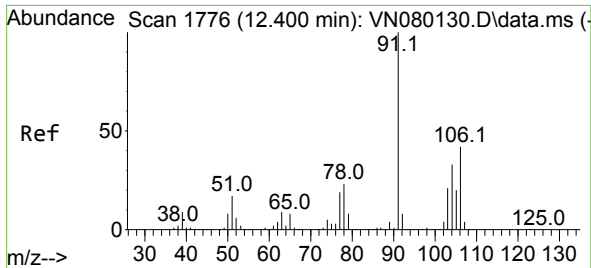
Tgt Ion: 91 Resp: 685258
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#68
m/p-Xylenes
Concen: 114.922 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:106 Resp: 512540
Ion Ratio Lower Upper
106 100
91 218.3 159.6 239.4

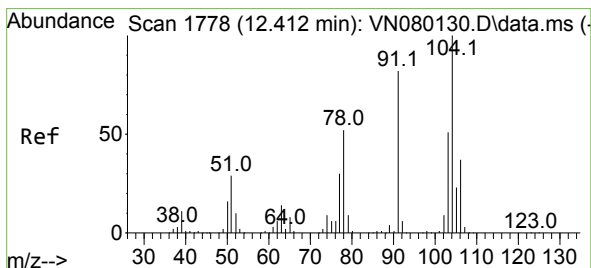
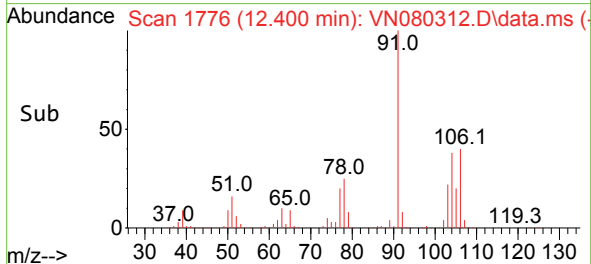
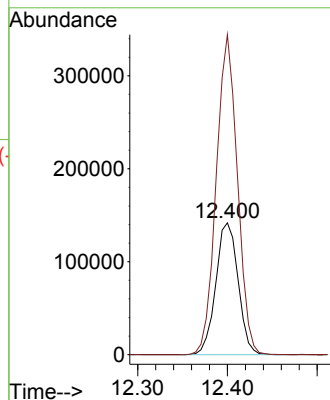
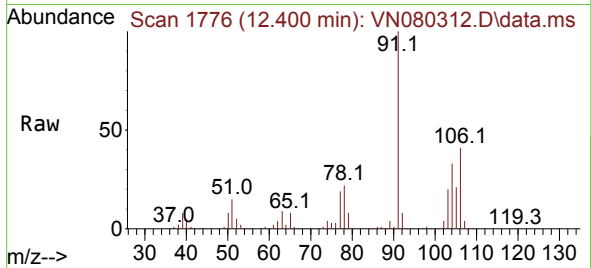




#69
o-Xylene
Concen: 58.202 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

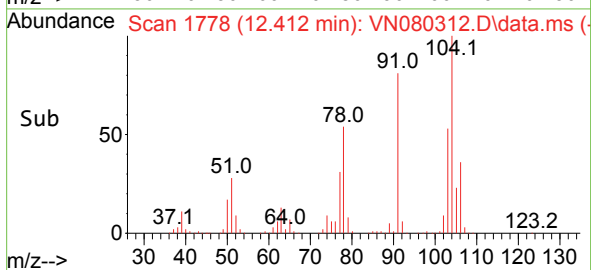
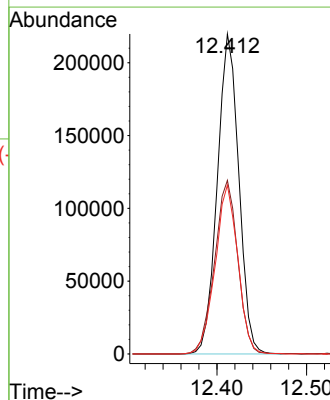
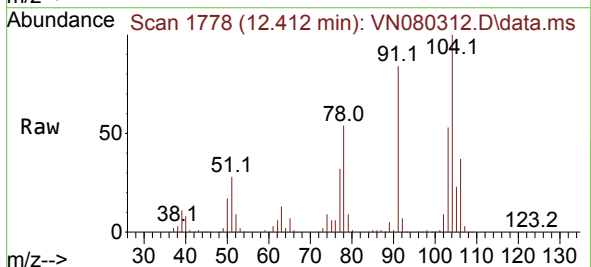
Instrument :
MSVOA_N
ClientSampleId :

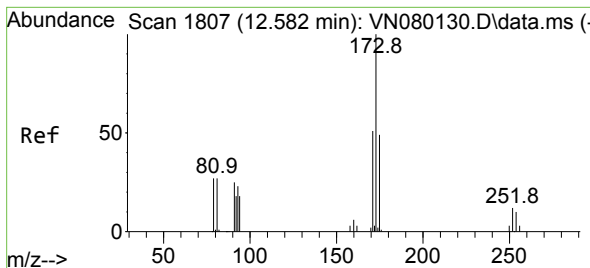
Tgt Ion:106 Resp: 244629
Ion Ratio Lower Upper
106 100
91 230.7 105.2 315.5



#70
Styrene
Concen: 58.392 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:104 Resp: 365293
Ion Ratio Lower Upper
104 100
78 58.7 39.5 59.3
103 55.8 43.2 64.8





#71

Bromoform

Concen: 55.710 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

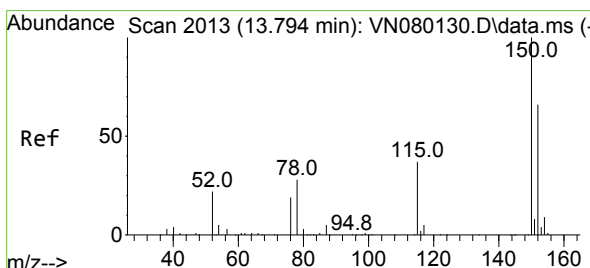
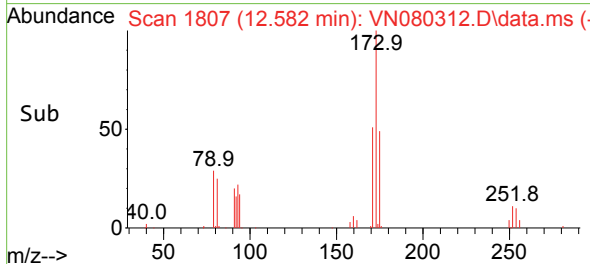
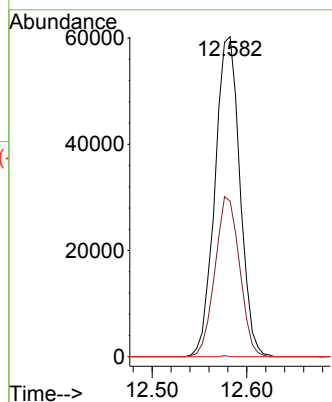
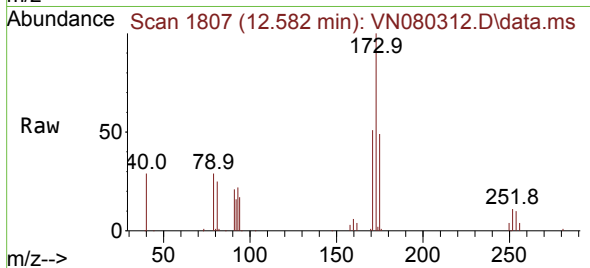
Tgt Ion:173 Resp: 110209

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

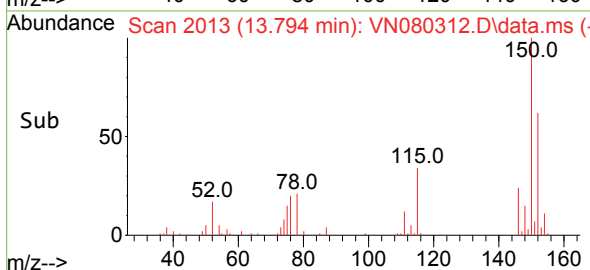
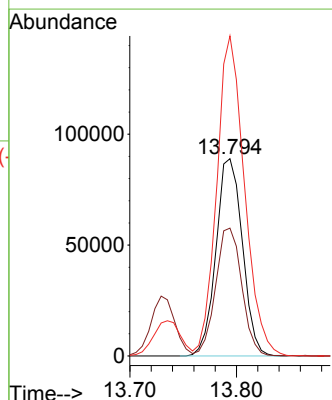
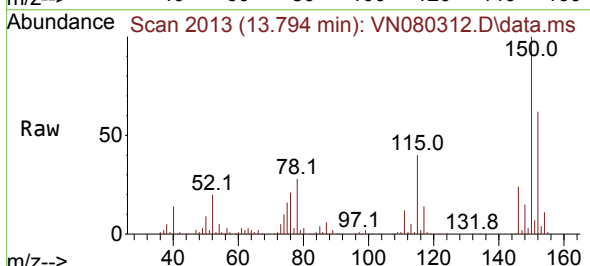
Tgt Ion:152 Resp: 153146

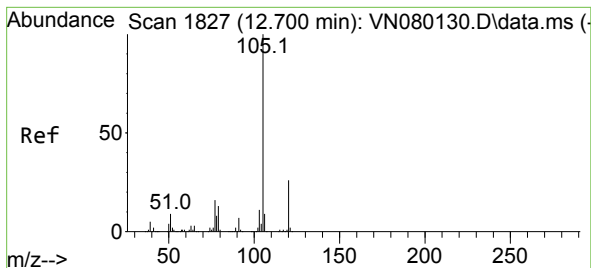
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 170.5 0.0 355.8





#73

Isopropylbenzene

Concen: 53.888 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

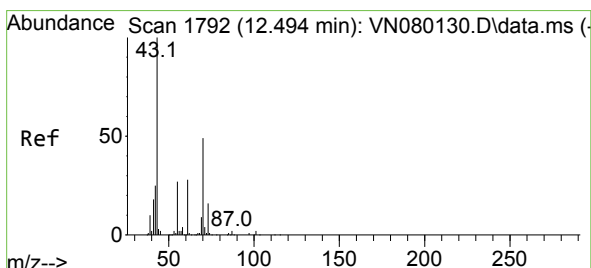
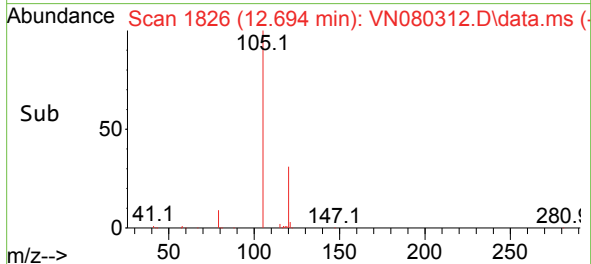
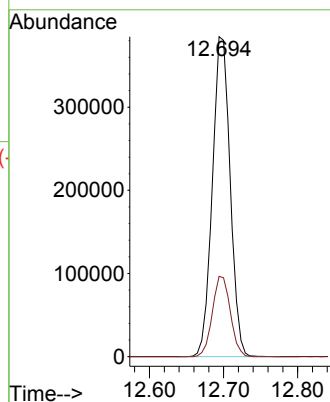
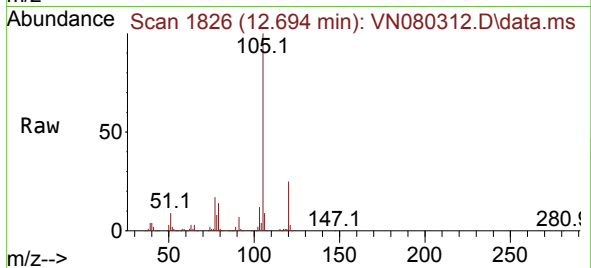
ClientSampleId :

Tgt Ion:105 Resp: 641297

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 43.083 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Tgt Ion: 43 Resp: 159888

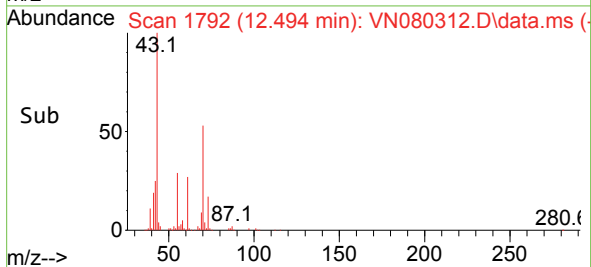
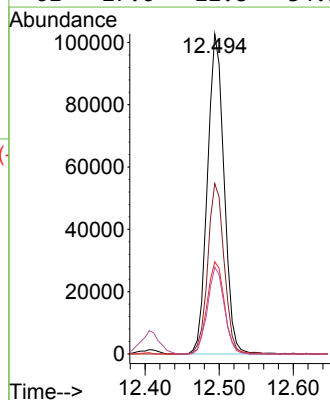
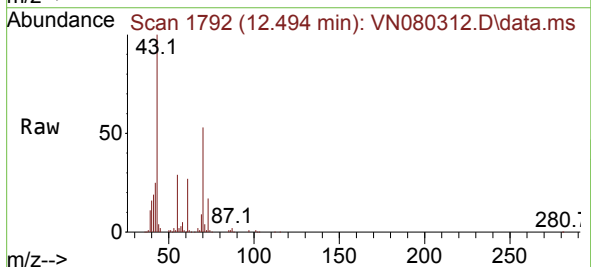
Ion Ratio Lower Upper

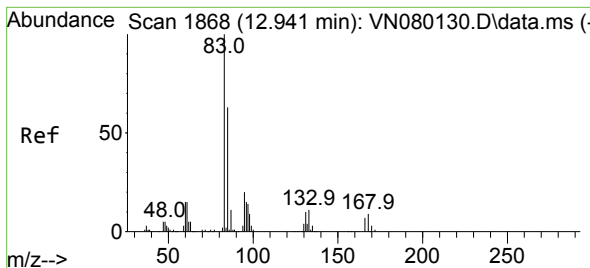
43 100

70 52.5 43.4 65.2

55 30.2 21.4 32.0

61 27.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.700 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

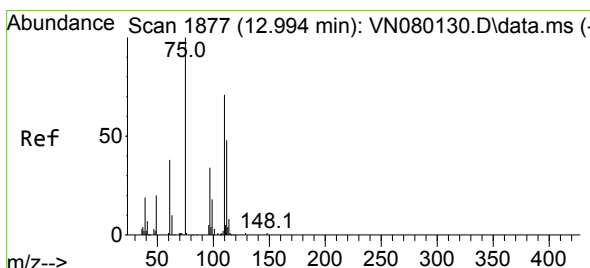
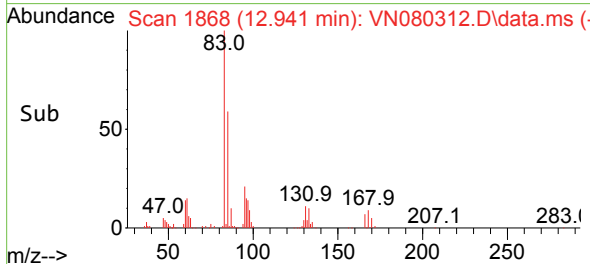
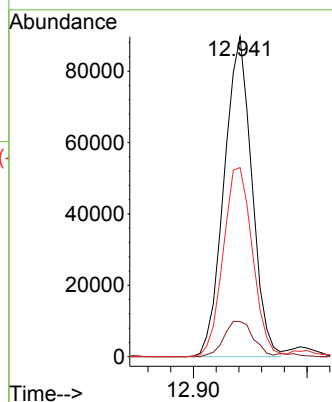
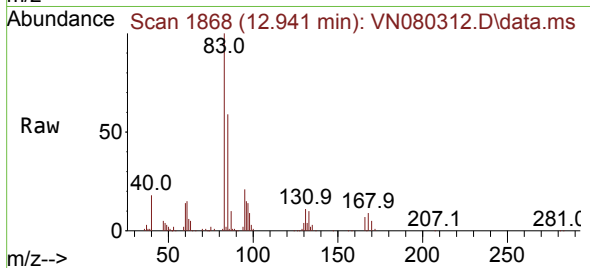
Tgt Ion: 83 Resp: 152090

Ion Ratio Lower Upper

83 100

131 11.7 5.0 15.0

85 62.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 59.772 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080312.D

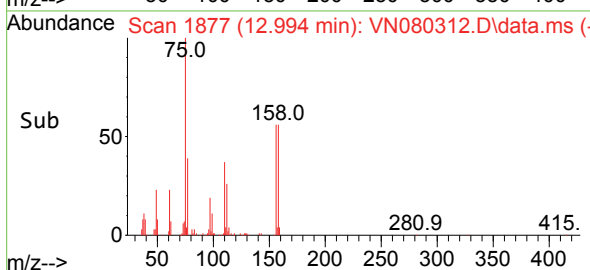
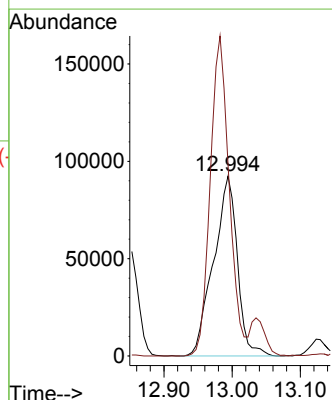
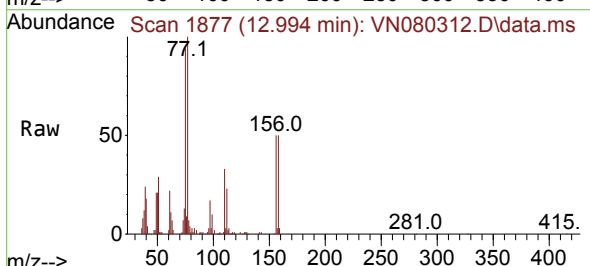
Acq: 01 Dec 2023 09:52

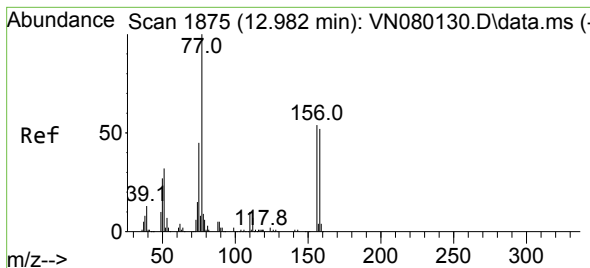
Tgt Ion: 75 Resp: 224285

Ion Ratio Lower Upper

75 100

77 142.7 84.5 253.5





#77

Bromobenzene

Concen: 51.772 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

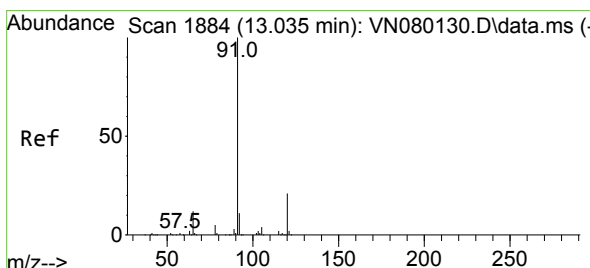
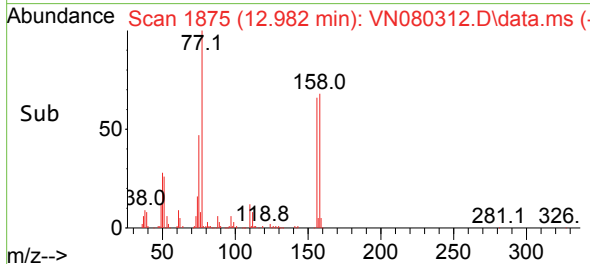
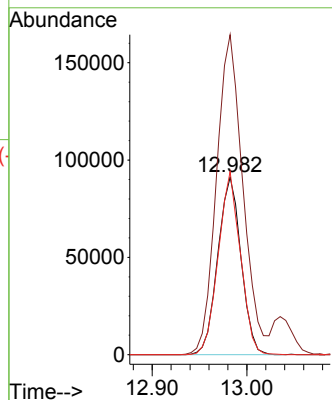
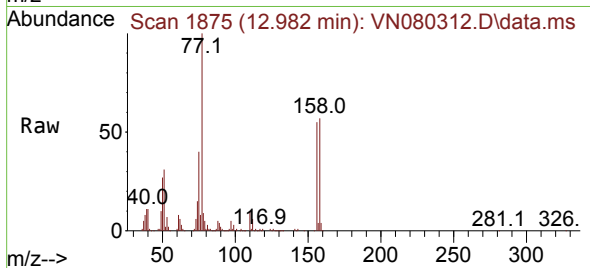
Tgt Ion:156 Resp: 155336

Ion Ratio Lower Upper

156 100

77 206.0 107.7 323.3

158 98.4 48.4 145.3



#78

n-propylbenzene

Concen: 53.782 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN080312.D

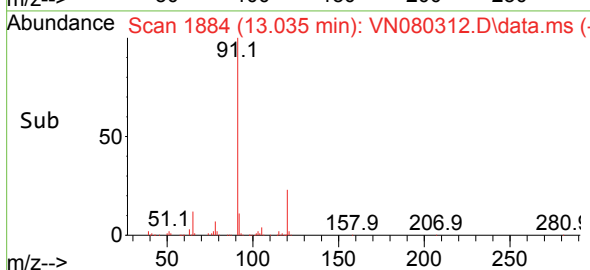
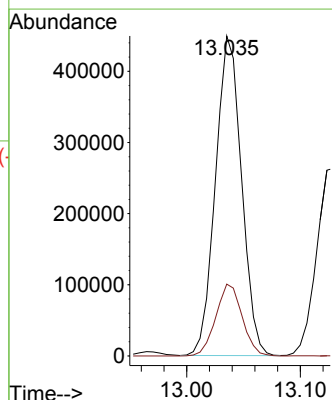
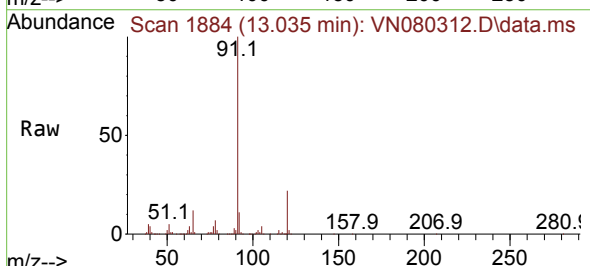
Acq: 01 Dec 2023 09:52

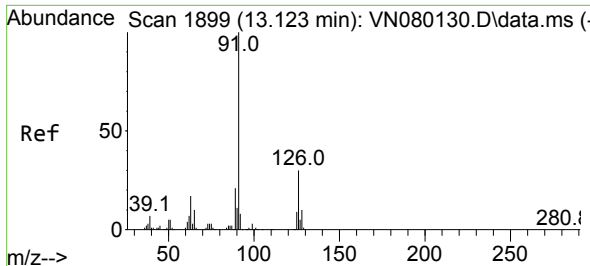
Tgt Ion: 91 Resp: 715716

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

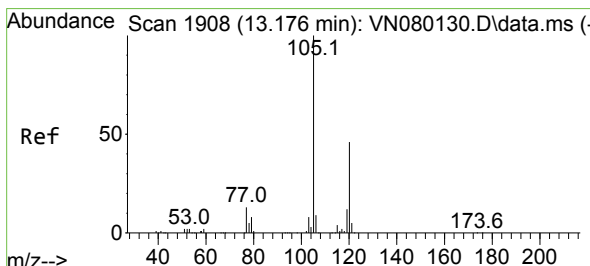
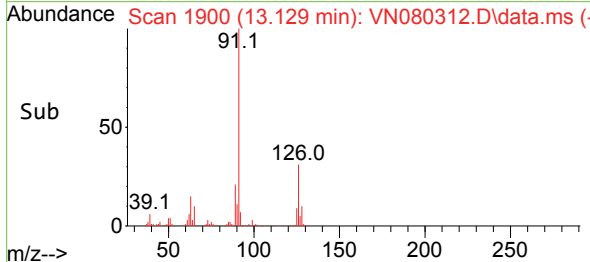
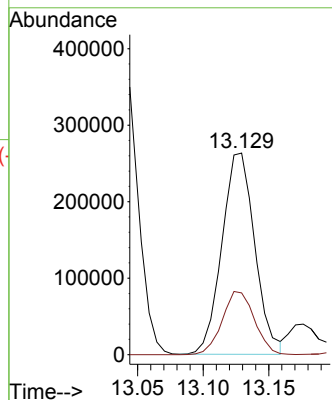
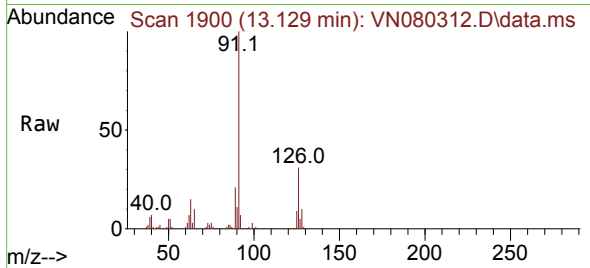




#79
2-Chlorotoluene
Concen: 53.205 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

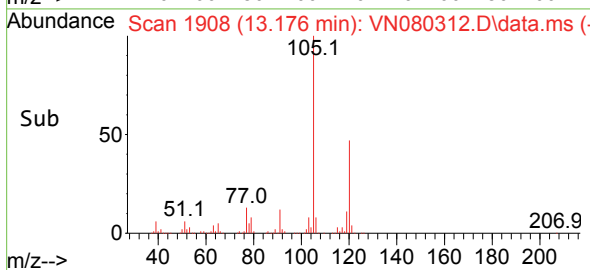
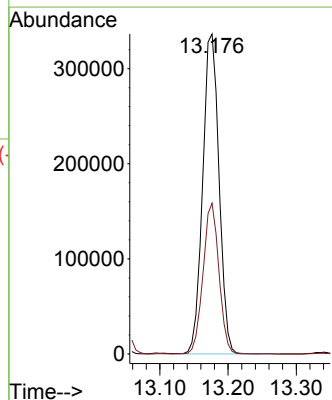
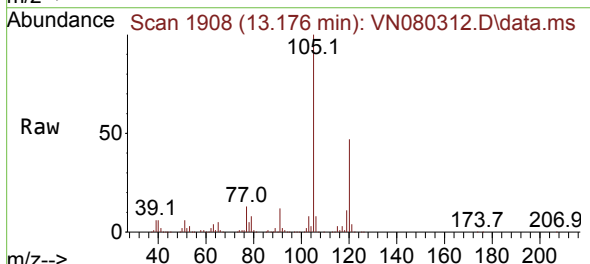
Instrument :
MSVOA_N
ClientSampleId :

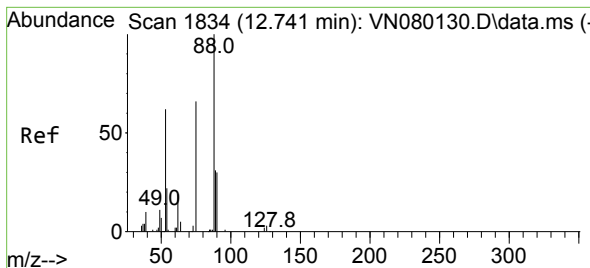
Tgt Ion: 91 Resp: 459856
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.111 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion: 105 Resp: 560556
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3

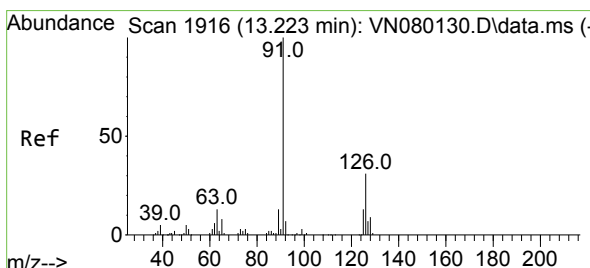
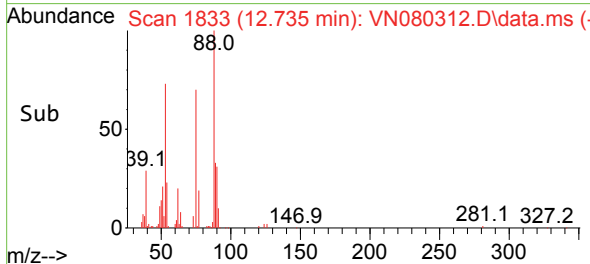
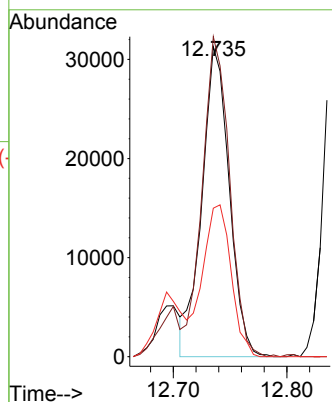
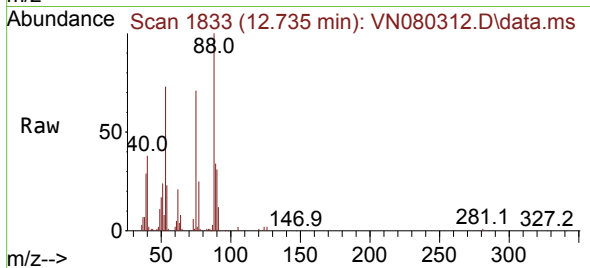




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.097 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

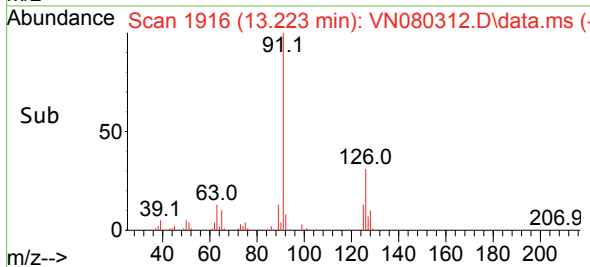
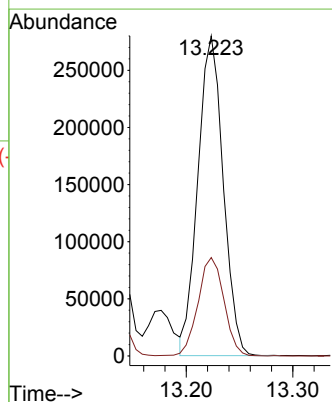
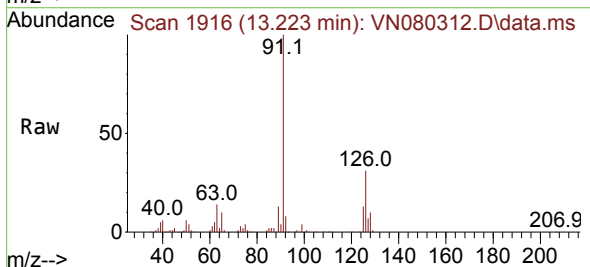
Instrument :
 MSVOA_N
 ClientSampleId :

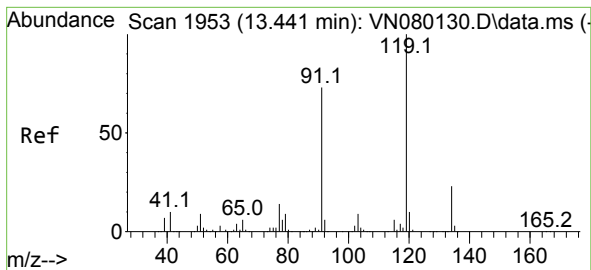
Tgt Ion: 75 Resp: 52307
 Ion Ratio Lower Upper
 75 100
 53 103.3 67.4 101.2#
 89 51.3 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 52.227 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion: 91 Resp: 462440
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 52.565 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

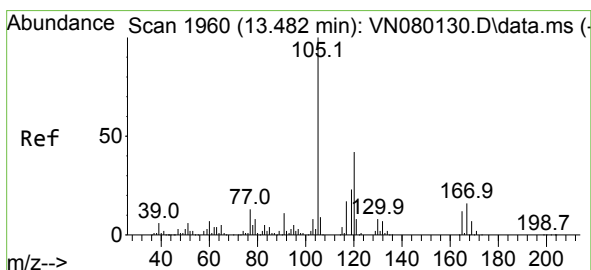
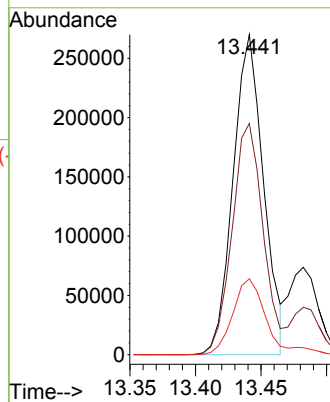
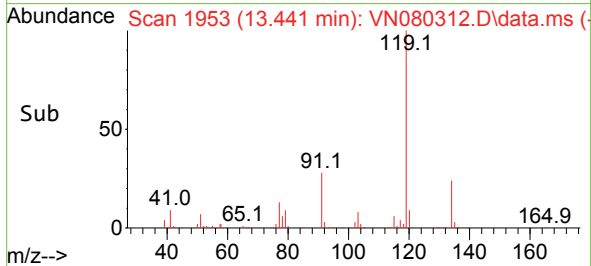
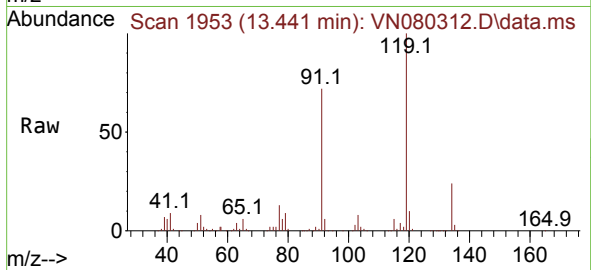
Tgt Ion:119 Resp: 436685

Ion Ratio Lower Upper

119 100

91 75.2 33.9 101.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.068 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080312.D

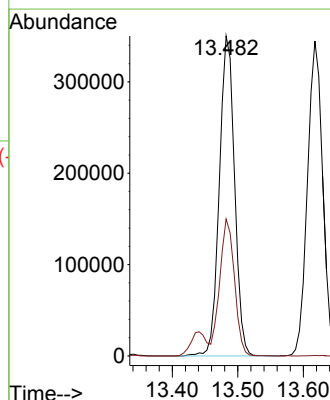
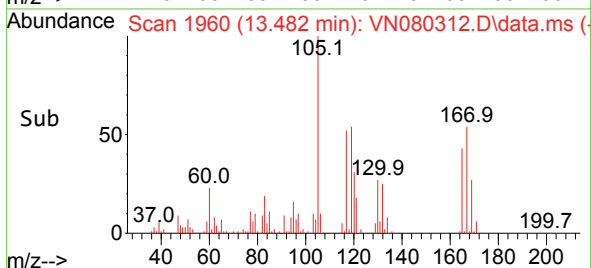
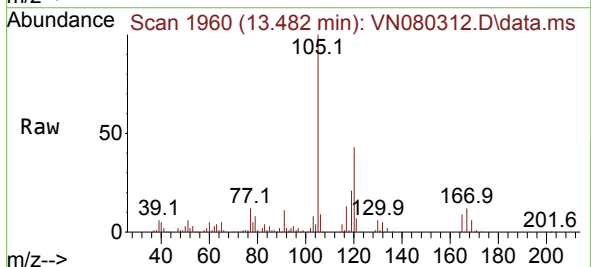
Acq: 01 Dec 2023 09:52

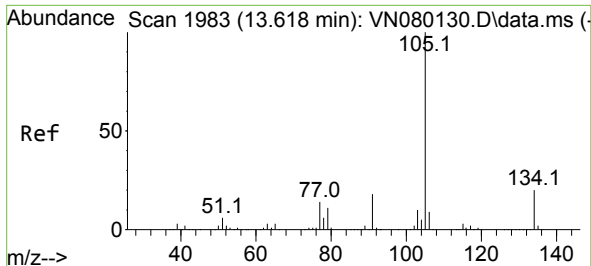
Tgt Ion:105 Resp: 561728

Ion Ratio Lower Upper

105 100

120 41.3 22.0 66.0

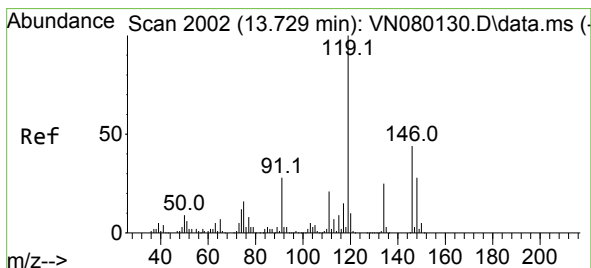
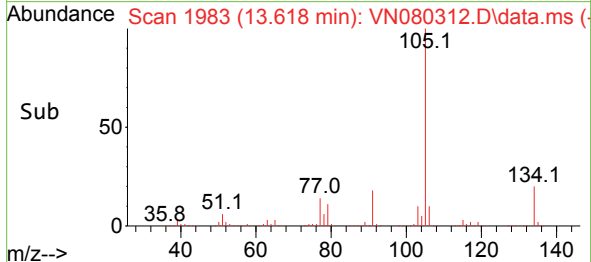
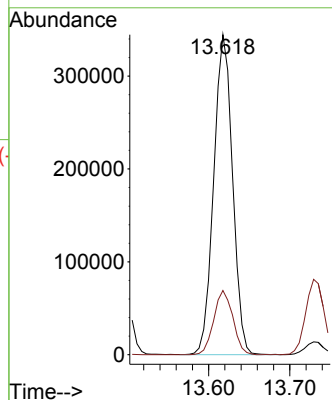
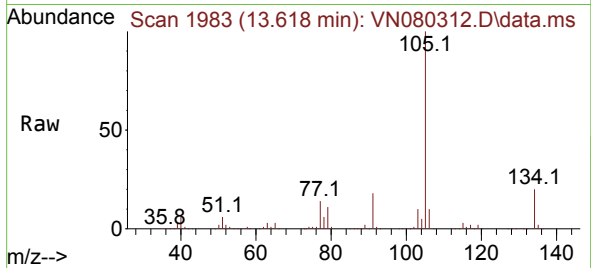




#85
 sec-Butylbenzene
 Concen: 52.884 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

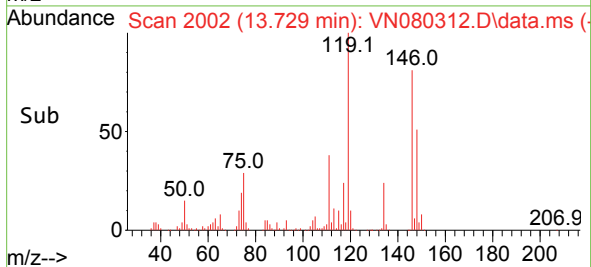
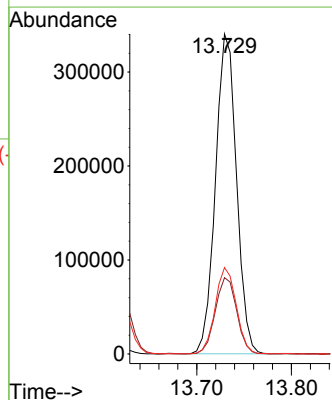
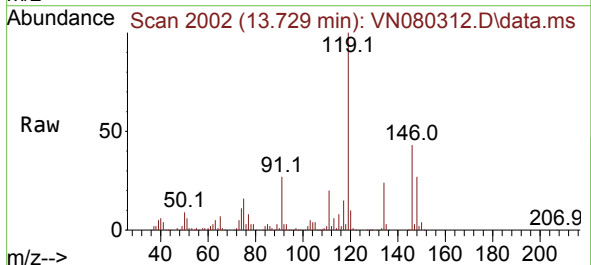
Instrument :
 MSVOA_N
 ClientSampleId :

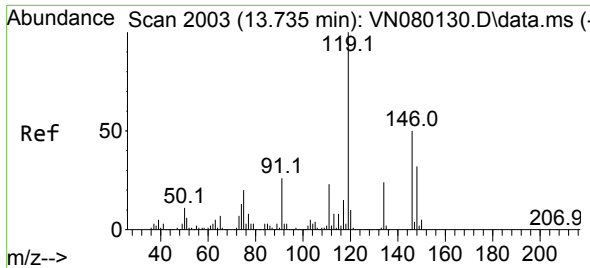
Tgt Ion:105 Resp: 555766
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.822 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion:119 Resp: 524052
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 27.0 12.4 37.2

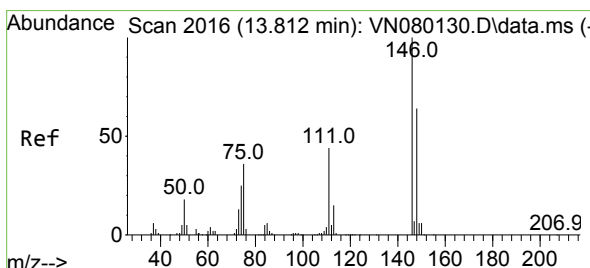
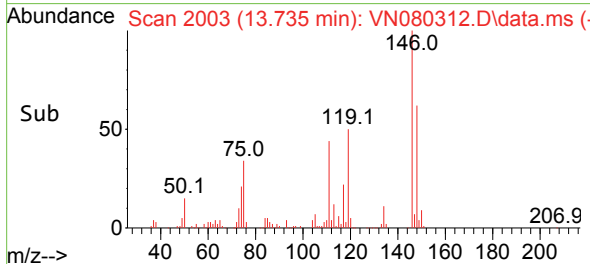
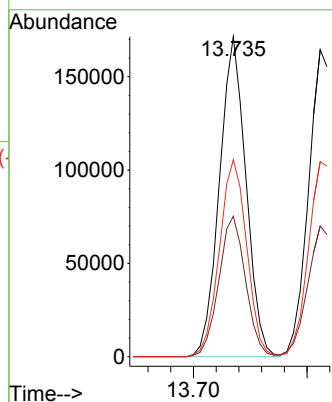
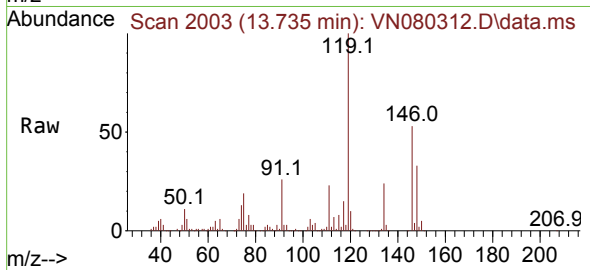




#87
1,3-Dichlorobenzene
Concen: 51.421 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

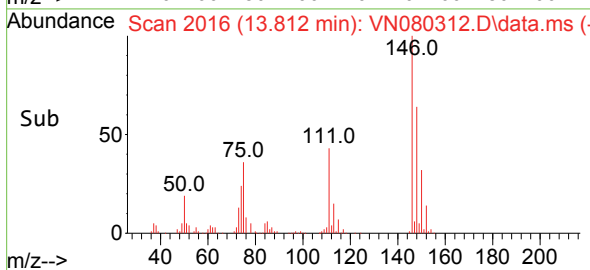
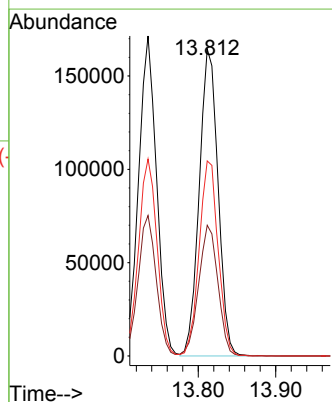
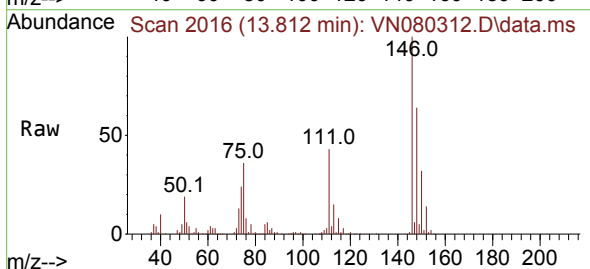
Instrument :
MSVOA_N
ClientSampleId :

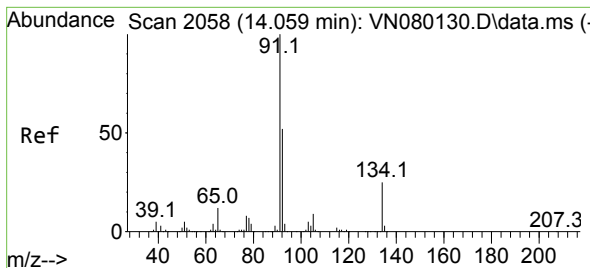
Tgt Ion:146 Resp: 277969
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 63.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 51.026 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080312.D
Acq: 01 Dec 2023 09:52

Tgt Ion:146 Resp: 277200
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 53.408 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

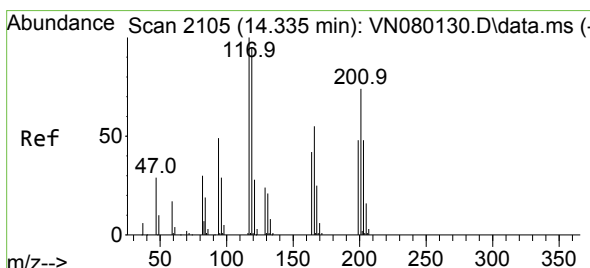
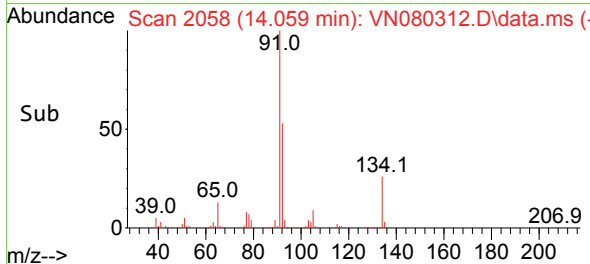
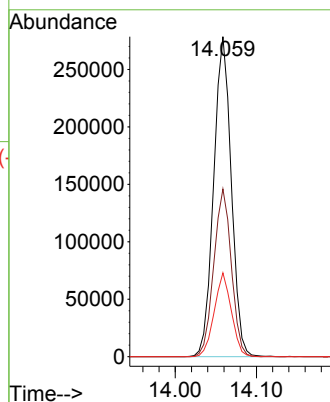
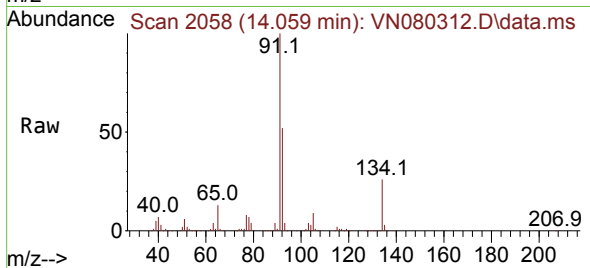
Tgt Ion: 91 Resp: 419661

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 50.566 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080312.D

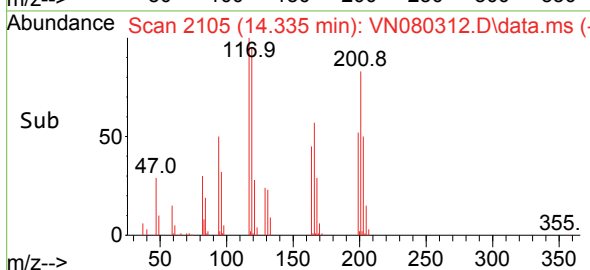
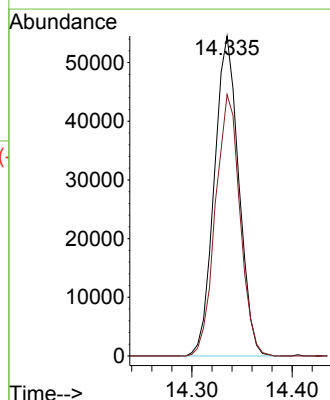
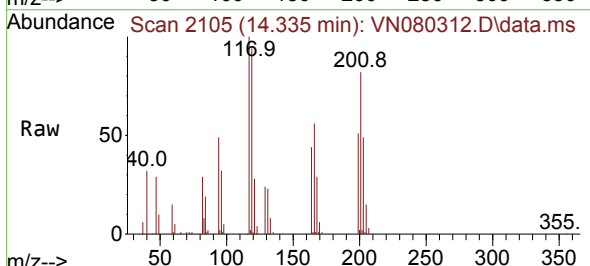
Acq: 01 Dec 2023 09:52

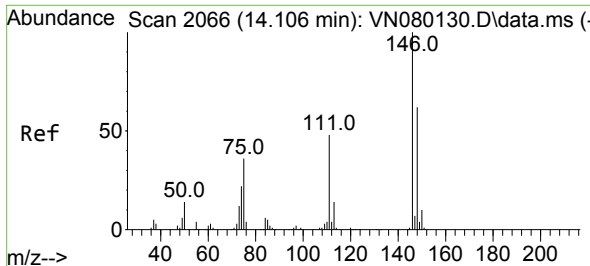
Tgt Ion: 117 Resp: 92546

Ion Ratio Lower Upper

117 100

201 81.8 29.3 88.0

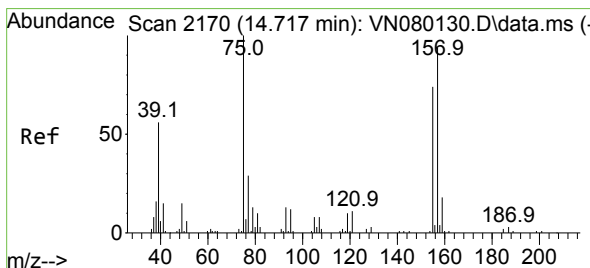
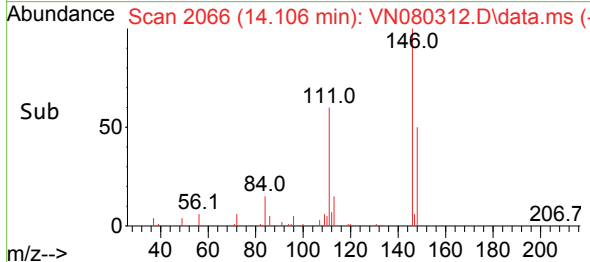
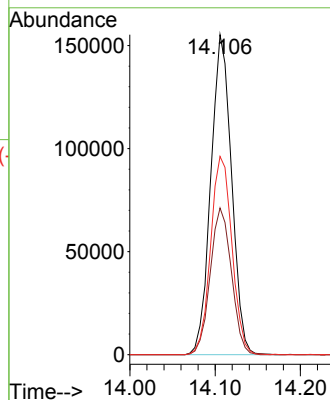
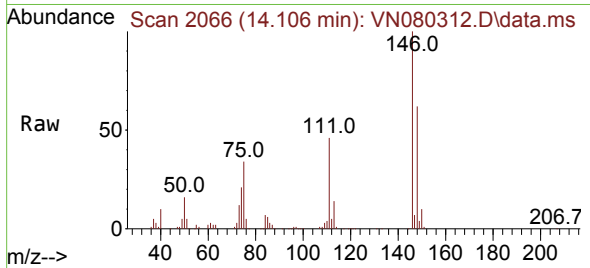




#91
 1,2-Dichlorobenzene
 Concen: 50.695 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

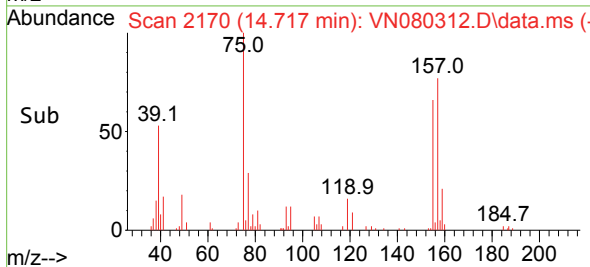
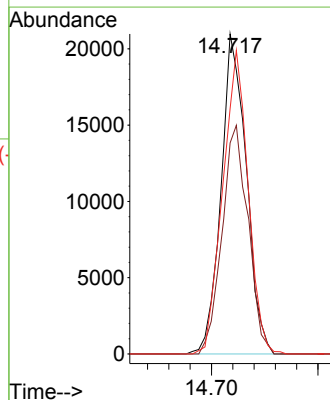
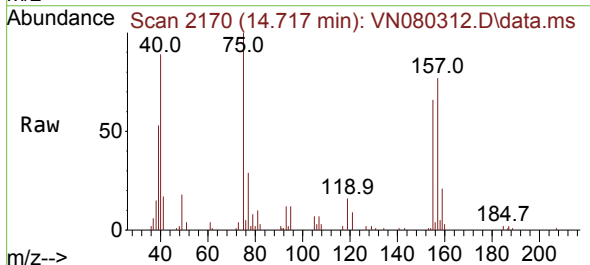
Instrument :
 MSVOA_N
 ClientSampleId :

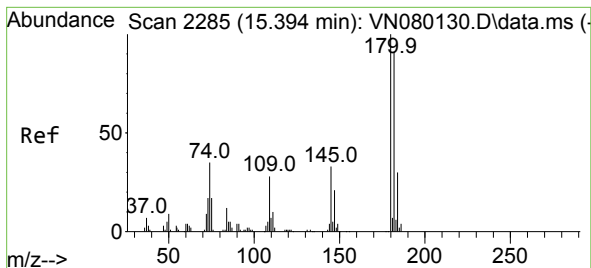
Tgt Ion:146 Resp: 262242
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.0 66.0
 148 63.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.765 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN080312.D
 Acq: 01 Dec 2023 09:52

Tgt Ion: 75 Resp: 34553
 Ion Ratio Lower Upper
 75 100
 155 73.3 39.1 117.2
 157 95.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.471 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

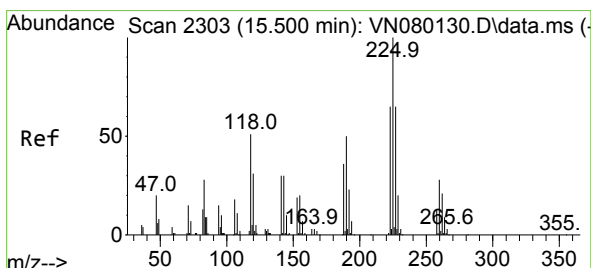
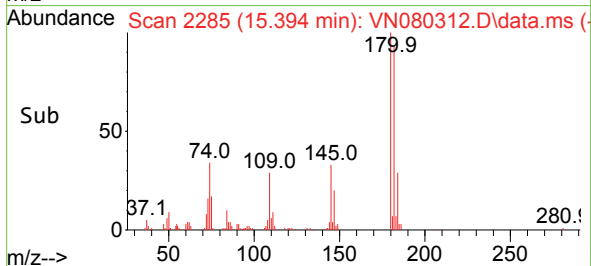
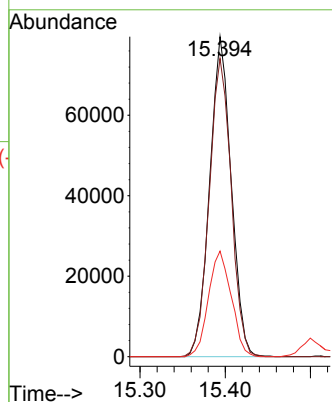
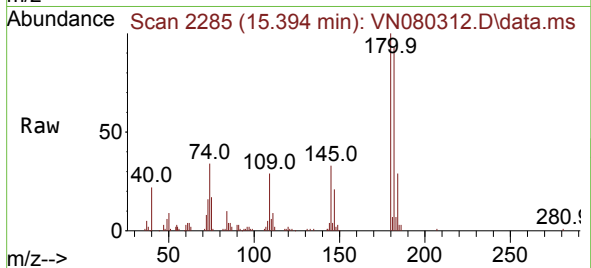
Tgt Ion:180 Resp: 139813

Ion Ratio Lower Upper

180 100

182 94.8 46.1 138.2

145 34.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.836 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

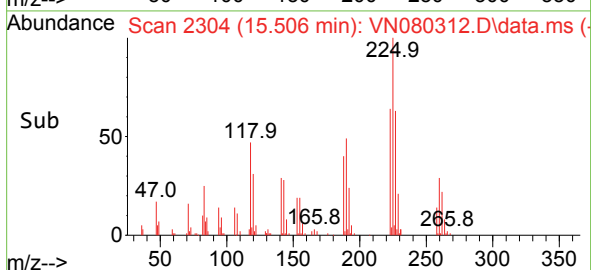
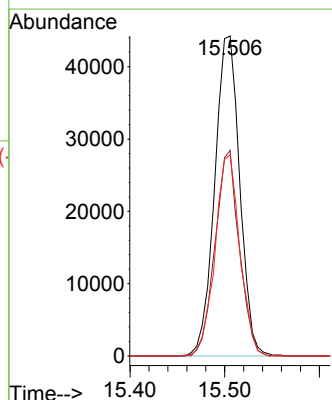
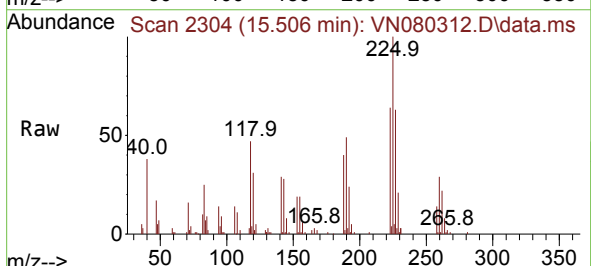
Tgt Ion:225 Resp: 81090

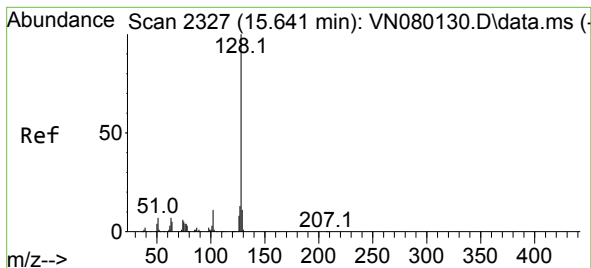
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 62.4 31.9 95.9





#95

Naphthalene

Concen: 41.305 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

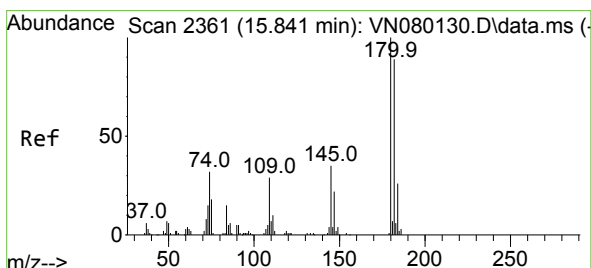
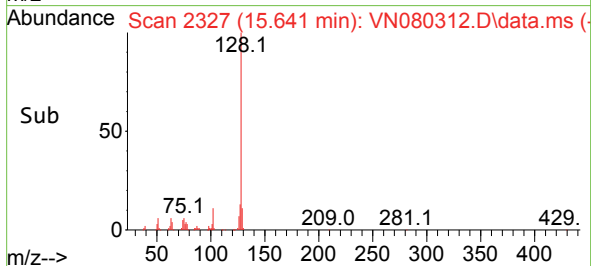
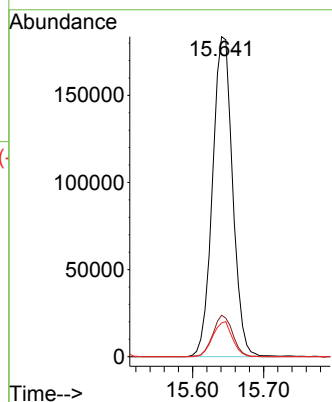
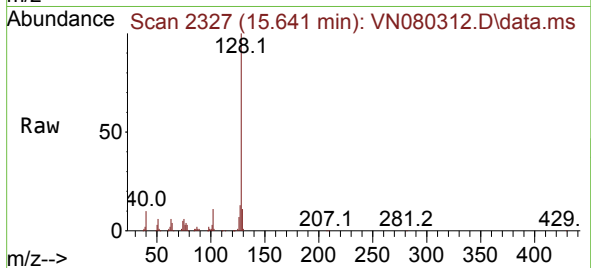
Tgt Ion:128 Resp: 360366

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.600 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080312.D

Acq: 01 Dec 2023 09:52

Tgt Ion:180 Resp: 128594

Ion Ratio Lower Upper

180 100

182 94.7 46.2 138.6

145 34.9 17.5 52.6

