

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080498.D
 Acq On : 15 Dec 2023 13:03
 Operator : JC\MD
 Sample : VN1215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 02:50:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	305783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	472443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	417766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214592	54.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.900%	
35) Dibromofluoromethane	8.165	113	161653	53.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.940%	
50) Toluene-d8	10.565	98	585082	52.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.853	95	216439	51.021	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	75412	19.298	ug/l	100
3) Chloromethane	2.365	50	69995	16.840	ug/l	98
4) Vinyl Chloride	2.518	62	59775	17.912	ug/l	98
5) Bromomethane	2.959	94	28959	19.247	ug/l	90
6) Chloroethane	3.124	64	39239	18.298	ug/l	96
7) Trichlorofluoromethane	3.500	101	133583	19.736	ug/l	97
8) Diethyl Ether	3.953	74	39147	18.362	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	64310	20.046	ug/l	97
10) Methyl Iodide	4.594	142	46656	16.534	ug/l	98
11) Tert butyl alcohol	5.512	59	43263	94.057	ug/l	98
12) 1,1-Dichloroethene	4.336	96	60527	18.413	ug/l	96
13) Acrolein	4.171	56	33250	66.008	ug/l	99
14) Allyl chloride	5.018	41	74378	18.288	ug/l	94
15) Acrylonitrile	5.712	53	127468	98.078	ug/l	100
16) Acetone	4.418	43	82438	119.044	ug/l	97
17) Carbon Disulfide	4.706	76	158465	17.010	ug/l	97
18) Methyl Acetate	5.018	43	89645	20.118	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	216058	19.700	ug/l	98
20) Methylene Chloride	5.283	84	68029	18.356	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	65542	18.388	ug/l #	78
22) Diisopropyl ether	6.671	45	175732	20.020	ug/l	93
23) Vinyl Acetate	6.600	43	475587	94.333	ug/l	93
24) 1,1-Dichloroethane	6.571	63	120370	19.654	ug/l	98
25) 2-Butanone	7.482	43	137207	102.851	ug/l	92
26) 2,2-Dichloropropane	7.494	77	125242	19.999	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	77705	19.260	ug/l	88
28) Bromochloromethane	7.806	49	42941	18.261	ug/l	98
29) Tetrahydrofuran	7.841	42	93139	97.499	ug/l	91
30) Chloroform	7.965	83	139053	20.454	ug/l	97
31) Cyclohexane	8.259	56	94810	17.851	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	134191	20.160	ug/l	96
36) 1,1-Dichloropropene	8.371	75	98182	20.046	ug/l	96
37) Ethyl Acetate	7.553	43	58571	19.097	ug/l	99
38) Carbon Tetrachloride	8.365	117	119434	20.408	ug/l	100
39) Methylcyclohexane	9.600	83	93321	18.341	ug/l #	88
40) Benzene	8.606	78	281525	19.905	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35437	20.042	ug/l	93
42) 1,2-Dichloroethane	8.671	62	112441	21.469	ug/l	96
43) Isopropyl Acetate	8.688	43	106918	19.388	ug/l	97
44) Trichloroethene	9.353	130	72320	18.968	ug/l	98
45) 1,2-Dichloropropane	9.624	63	64957	19.555	ug/l	99
46) Dibromomethane	9.706	93	47907	20.083	ug/l	91
47) Bromodichloromethane	9.888	83	109464	21.411	ug/l	100
48) Methyl methacrylate	9.682	41	62204	18.902	ug/l	93
49) 1,4-Dioxane	9.694	88	19095	382.816	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	307762	101.334	ug/l	99
52) Toluene	10.629	92	177024	19.813	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	112162	20.277	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	118050	19.966	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	66154	20.577	ug/l	98
56) Ethyl methacrylate	10.876	69	69468	19.517	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	113483	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	185956	82.757	ug/l	99
59) 2-Hexanone	11.194	43	223002	99.460	ug/l	98
60) Dibromochloromethane	11.359	129	78552	20.620	ug/l	98
61) 1,2-Dibromoethane	11.470	107	65771	19.767	ug/l	98
64) Tetrachloroethene	11.106	164	61026	18.920	ug/l	99
65) Chlorobenzene	11.894	112	184095	19.809	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	76568	20.997	ug/l	94
67) Ethyl Benzene	11.965	91	336271	19.679	ug/l	94
68) m/p-Xylenes	12.070	106	255346	40.439	ug/l	90
69) o-Xylene	12.400	106	120181	19.459	ug/l	88
70) Styrene	12.412	104	177406	19.941	ug/l	93
71) Bromoform	12.582	173	51706	19.444	ug/l #	97
73) Isopropylbenzene	12.694	105	317147	19.725	ug/l	98
74) N-amyl acetate	12.494	43	87517	18.640	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	82003	19.033	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113627	28.457	ug/l	81
77) Bromobenzene	12.982	156	77134	19.502	ug/l	97
78) n-propylbenzene	13.035	91	354270	19.984	ug/l	99
79) 2-Chlorotoluene	13.123	91	225107	19.450	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	277915	20.070	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	27516	18.094	ug/l	87
82) 4-Chlorotoluene	13.223	91	229912	19.327	ug/l	98
83) tert-Butylbenzene	13.441	119	219400	19.346	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	275513	20.000	ug/l	96
85) sec-Butylbenzene	13.617	105	282773	19.492	ug/l	100
86) p-Isopropyltoluene	13.729	119	256451	19.578	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	132565	19.023	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	132796	18.878	ug/l	95
89) n-Butylbenzene	14.059	91	211059	19.294	ug/l	98
90) Hexachloroethane	14.335	117	41321	19.863	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	128304	19.389	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18028	19.893	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	72607	19.762	ug/l	96
94) Hexachlorobutadiene	15.506	225	39023	18.656	ug/l	97
95) Naphthalene	15.641	128	212523	19.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70059	19.760	ug/l	99

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QLast Update : Wed Dec 13 01:57:14 2023
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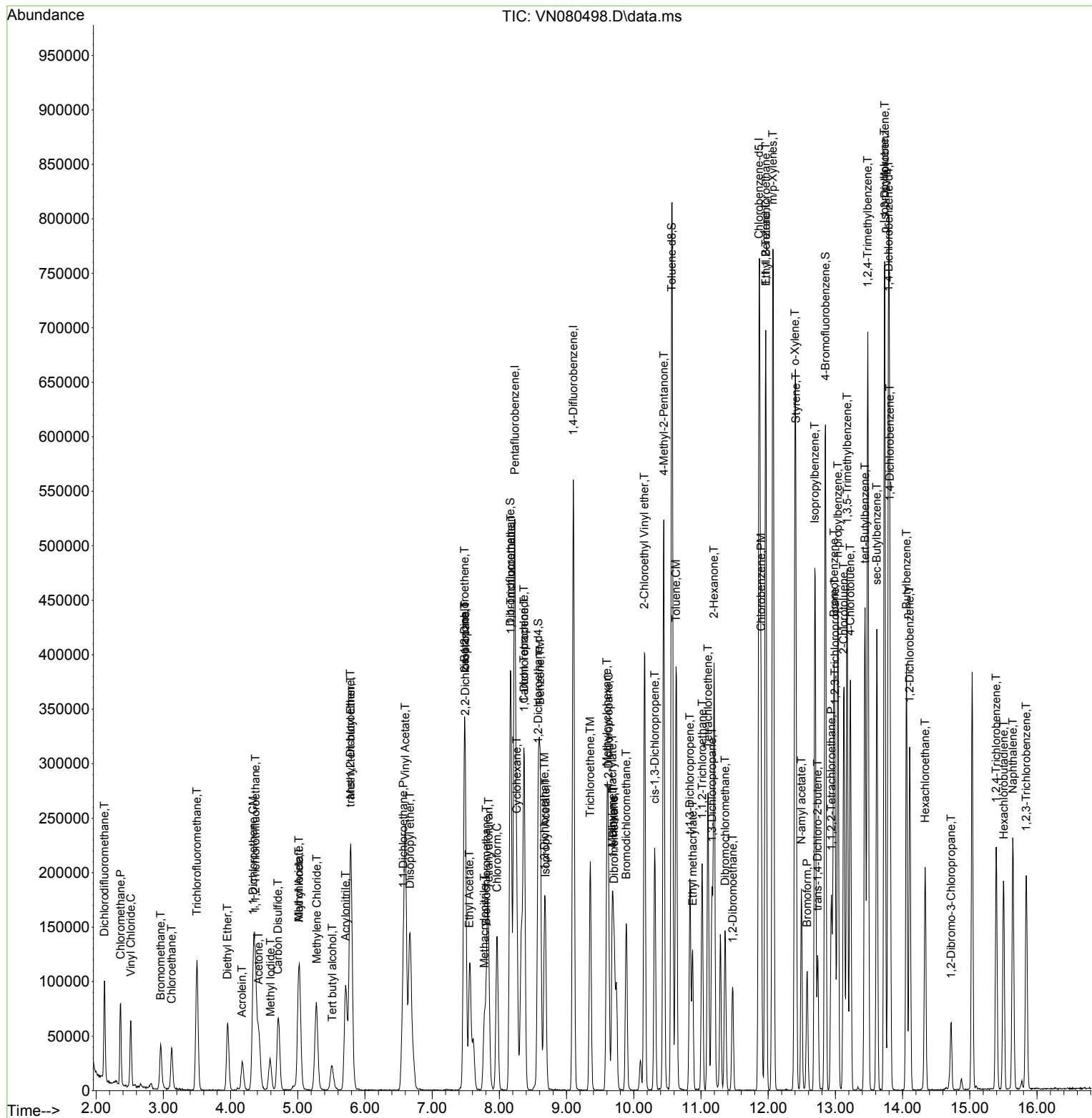
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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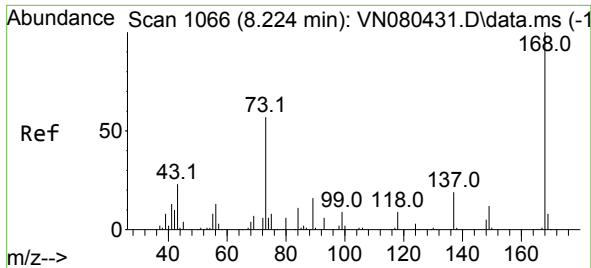
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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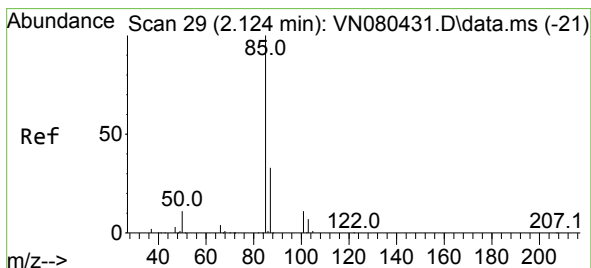
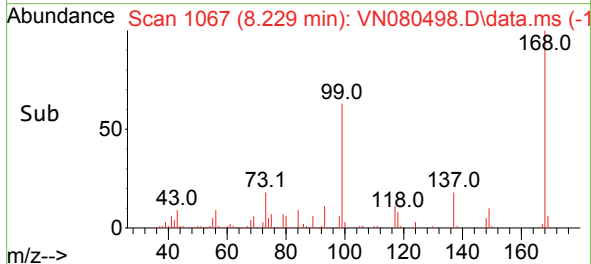
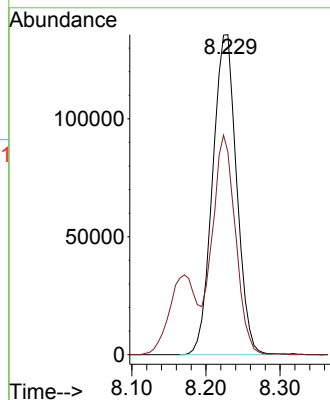
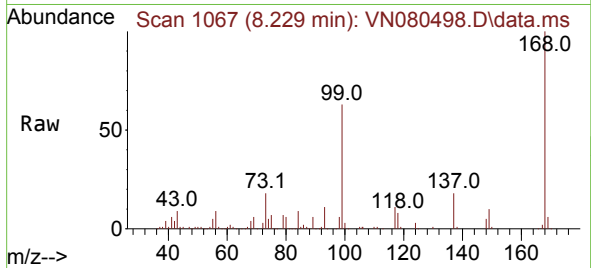




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080498.D
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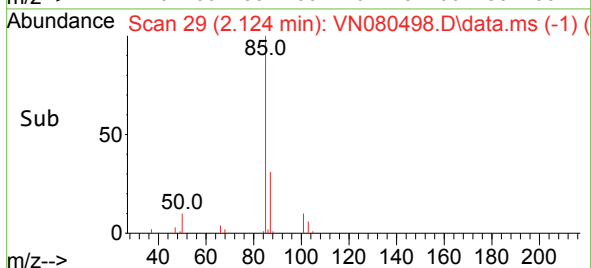
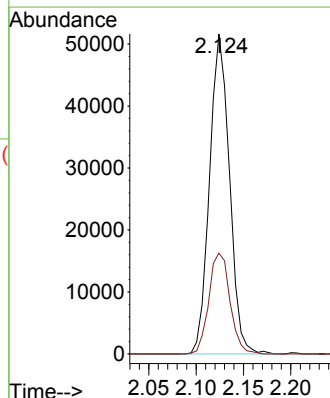
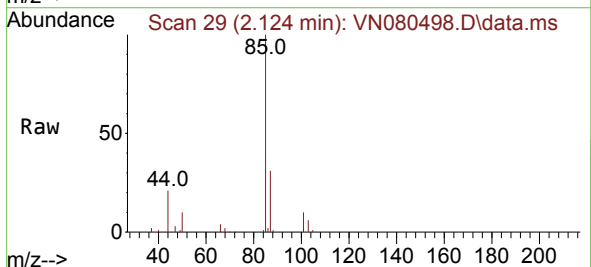
Instrument :
MSVOA_N
ClientSampleId :

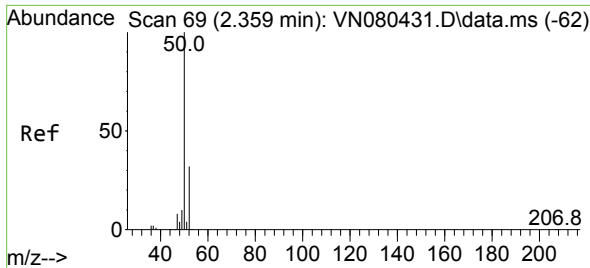
Tgt Ion:168 Resp: 305783
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.298 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 85 Resp: 75412
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4

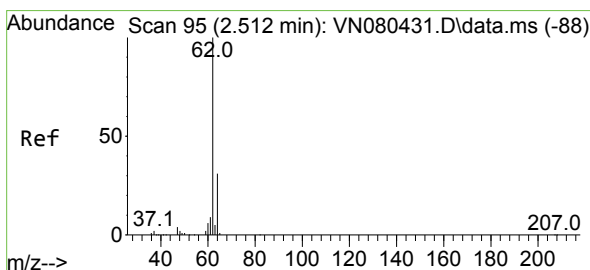
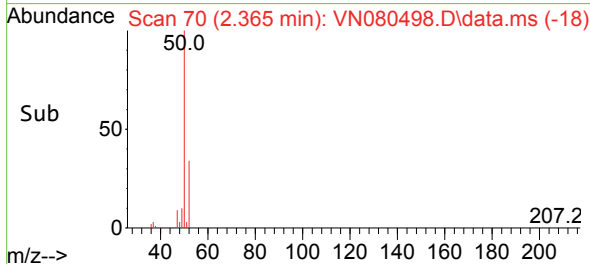
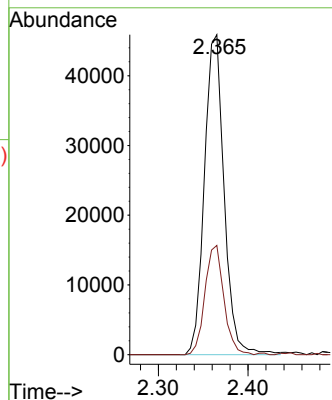
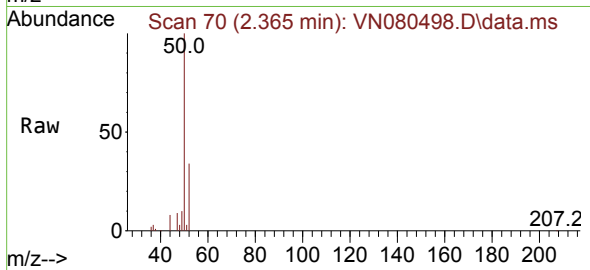




#3
Chloromethane
Concen: 16.840 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

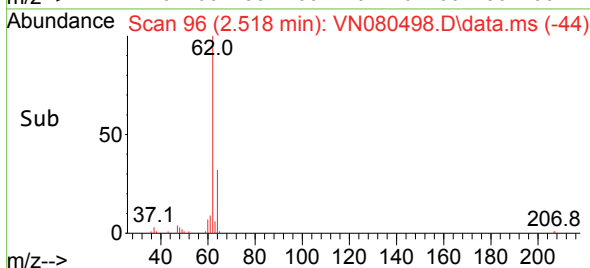
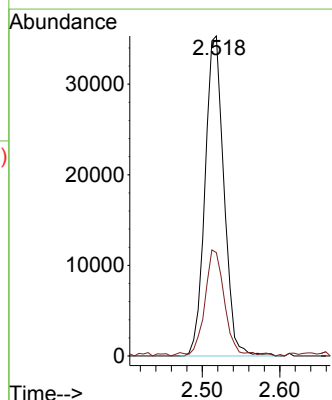
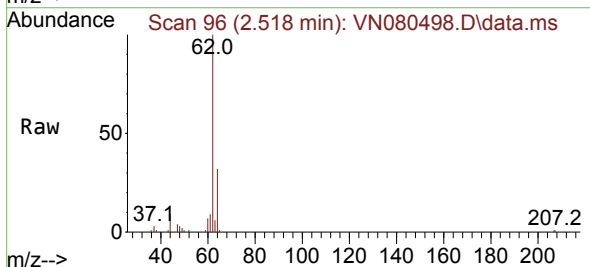
Instrument :
MSVOA_N
ClientSampleId :

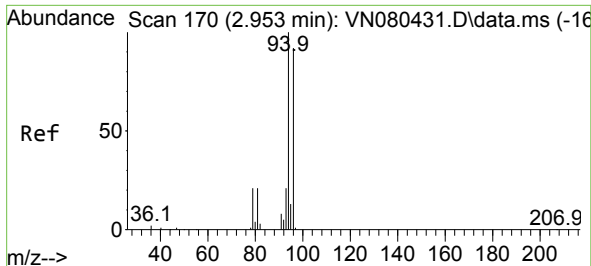
Tgt Ion: 50 Resp: 69995
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 17.912 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 62 Resp: 59775
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5

Bromomethane

Concen: 19.247 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.006 min

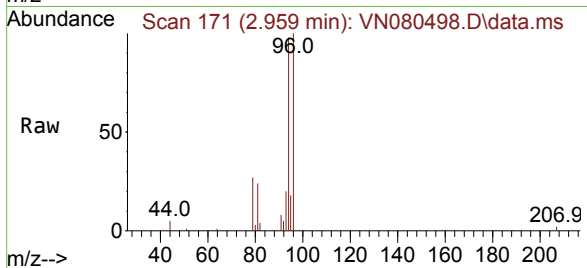
Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

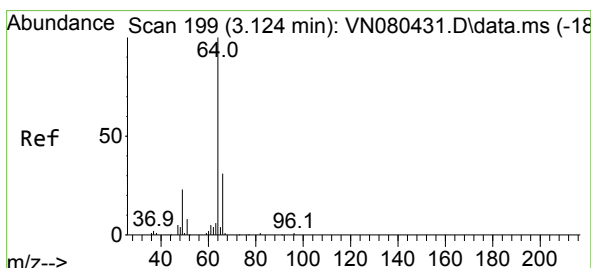
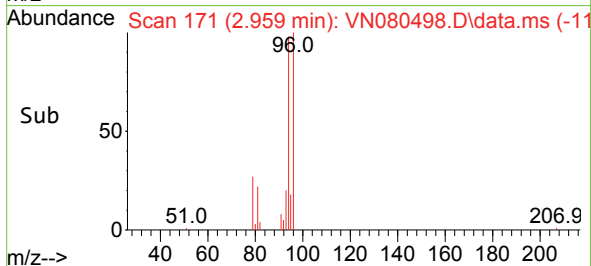
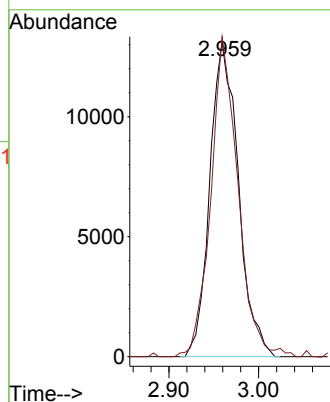


Tgt Ion: 94 Resp: 28959

Ion Ratio Lower Upper

94 100

96 100.4 73.1 109.7



#6

Chloroethane

Concen: 18.298 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.000 min

Lab File: VN080498.D

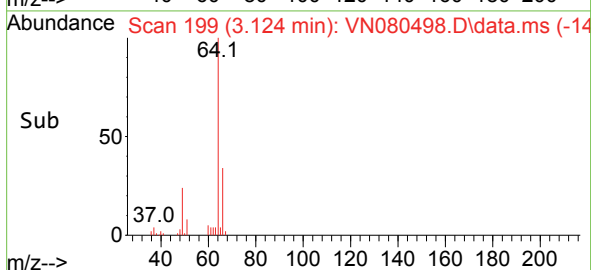
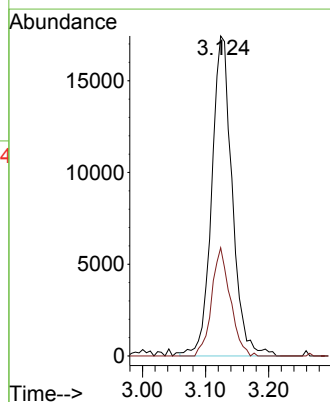
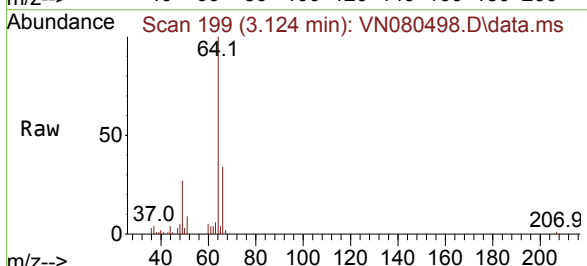
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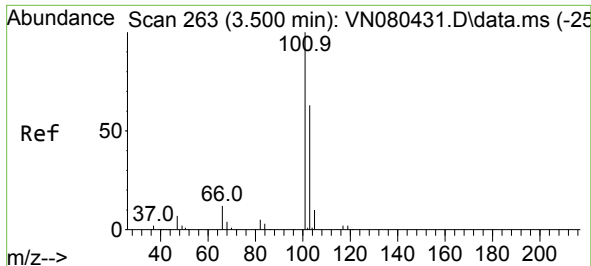
Tgt Ion: 64 Resp: 39239

Ion Ratio Lower Upper

64 100

66 33.8 25.4 38.2

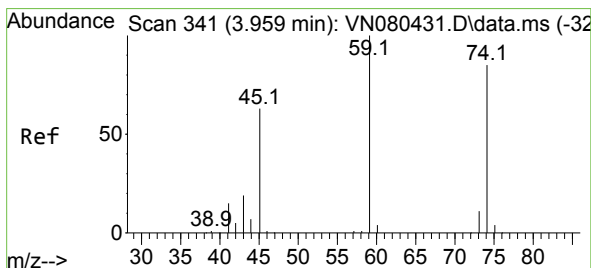
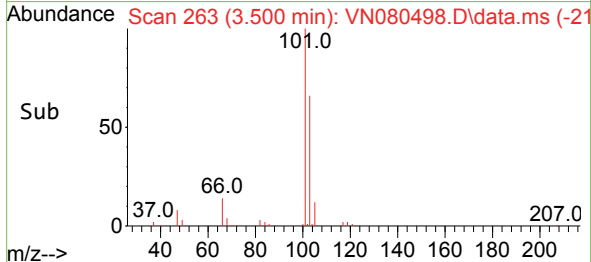
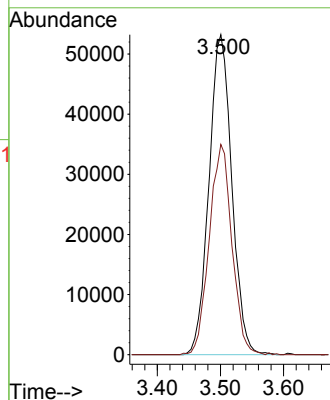
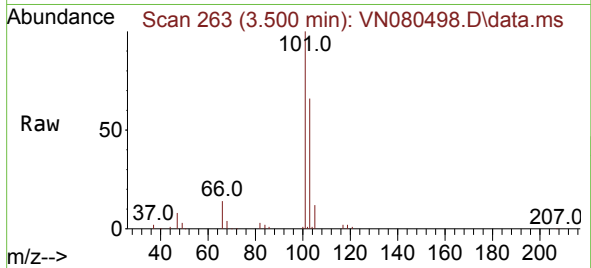




#7
Trichlorofluoromethane
Concen: 19.736 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

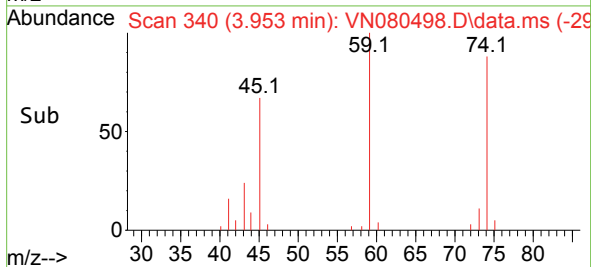
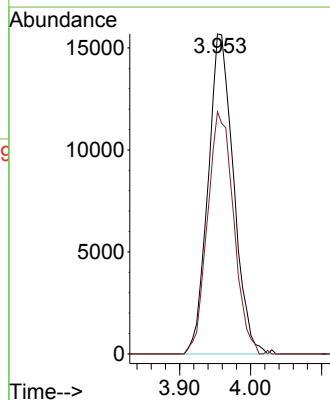
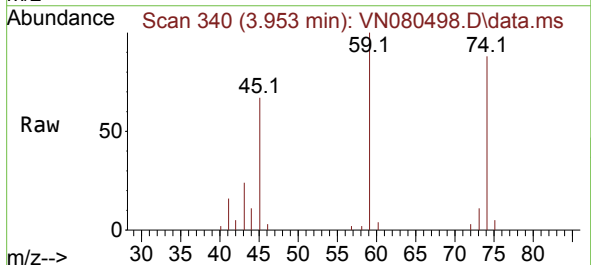
Instrument :
MSVOA_N
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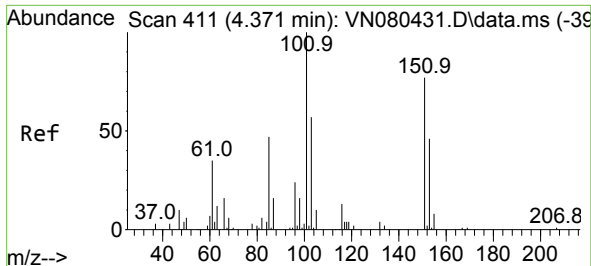
Tgt Ion:101 Resp: 133583
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1



#8
Diethyl Ether
Concen: 18.362 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 74 Resp: 39147
Ion Ratio Lower Upper
74 100
45 77.5 34.4 103.3

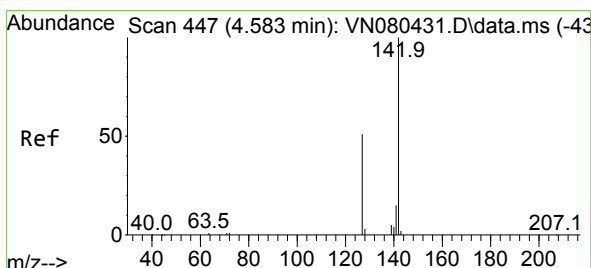
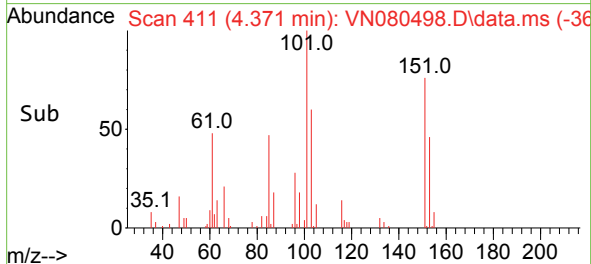
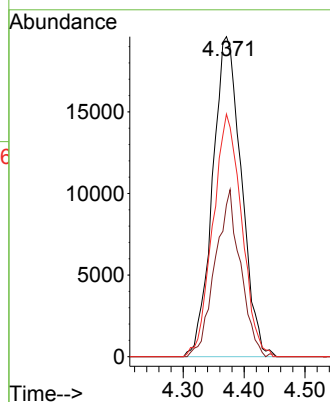
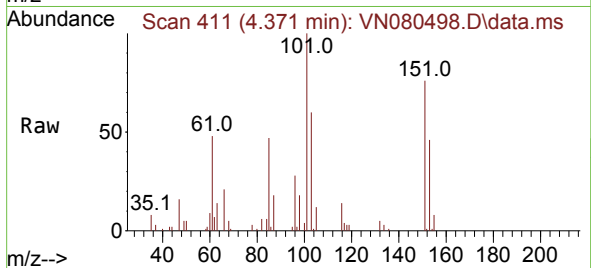




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.046 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

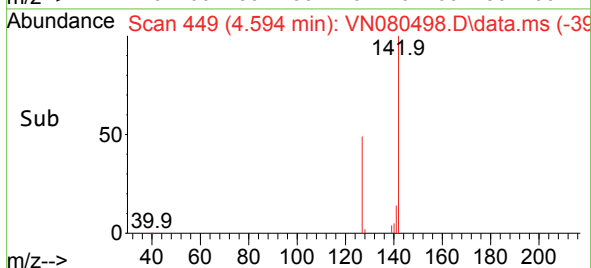
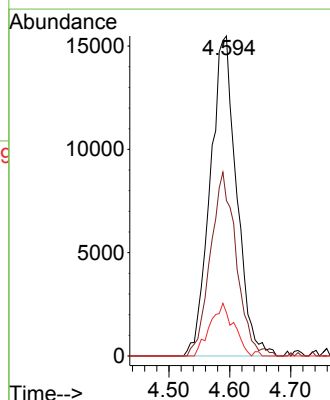
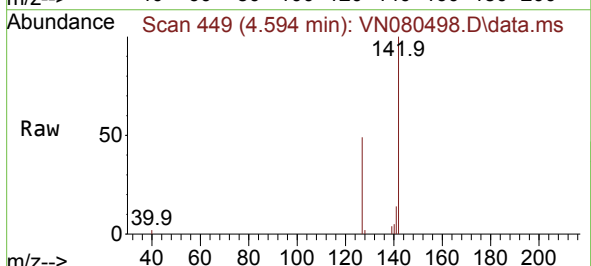
Instrument :
MSVOA_N
ClientSampleId :

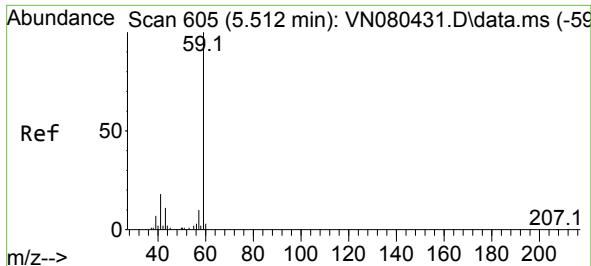
Tgt Ion:101 Resp: 64310
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 75.8 57.6 86.4



#10
Methyl Iodide
Concen: 16.534 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:142 Resp: 46656
Ion Ratio Lower Upper
142 100
127 48.6 37.6 56.4
141 13.6 11.4 17.0

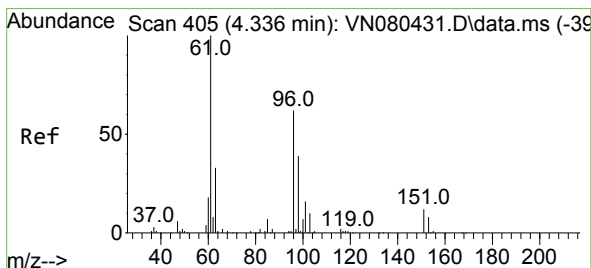
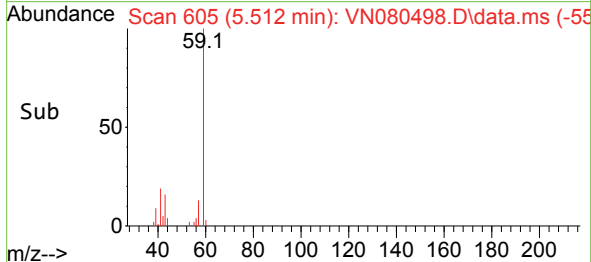
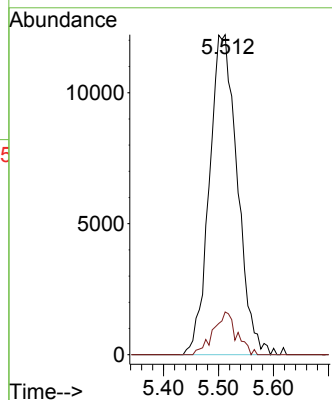
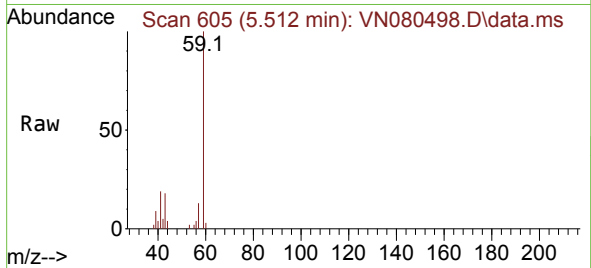




#11
Tert butyl alcohol
Concen: 94.057 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

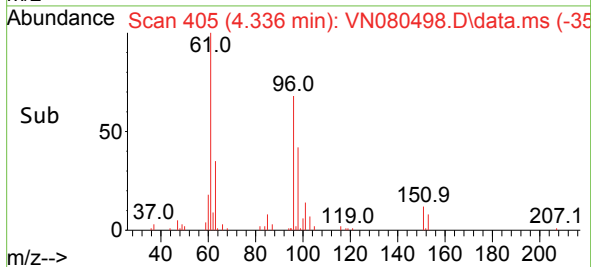
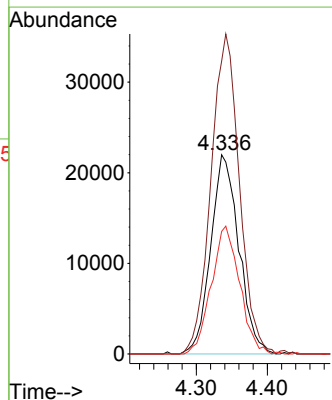
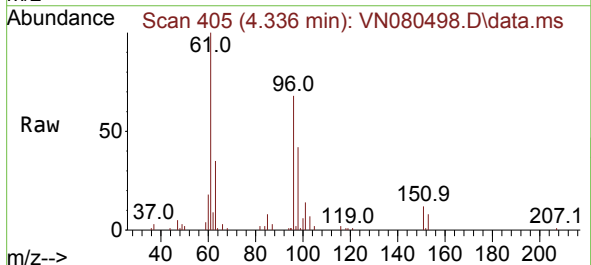
Instrument :
MSVOA_N
ClientSampleId :

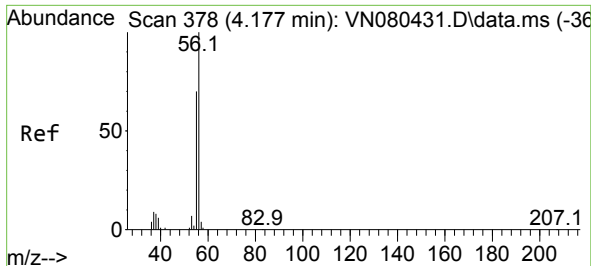
Tgt Ion: 59 Resp: 43263
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.413 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 96 Resp: 60527
Ion Ratio Lower Upper
96 100
61 147.0 112.7 169.1
98 61.5 51.2 76.8

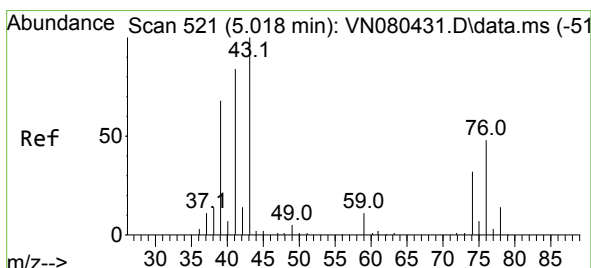
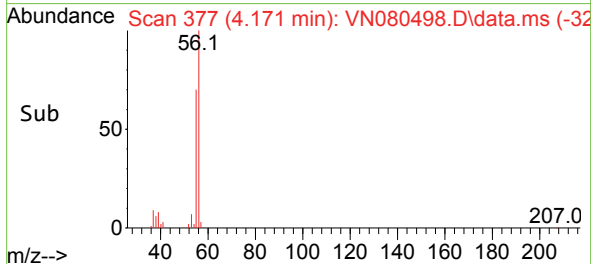
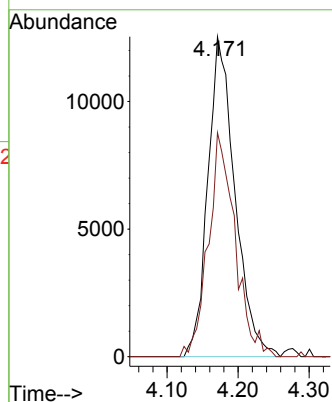
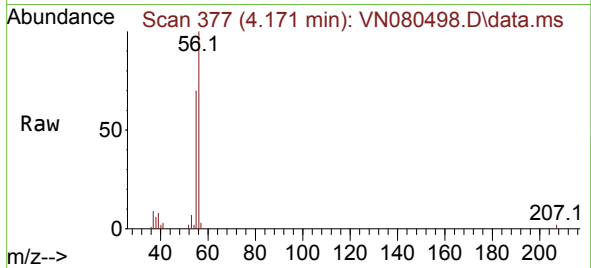




#13
Acrolein
Concen: 66.008 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

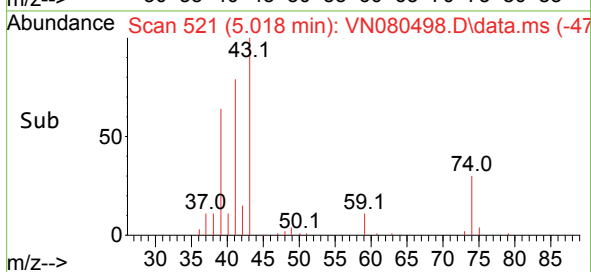
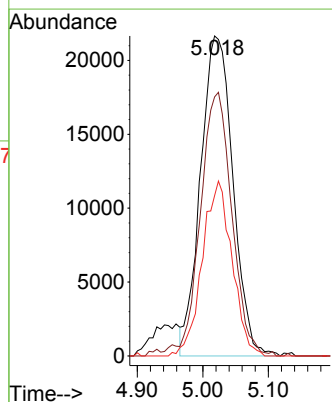
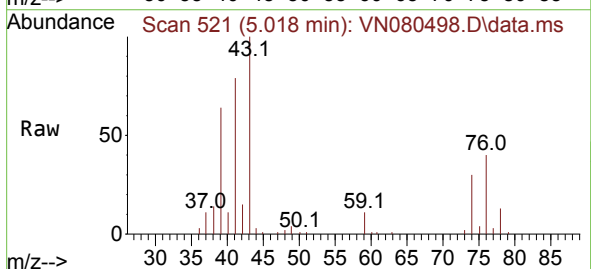
Instrument :
MSVOA_N
ClientSampleId :

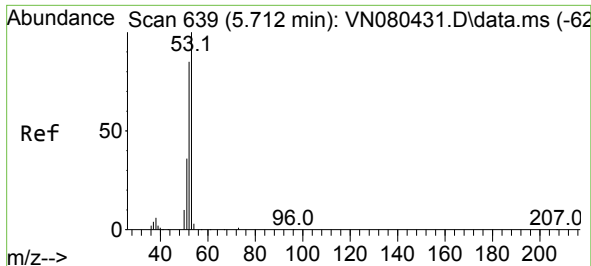
Tgt Ion: 56 Resp: 33250
Ion Ratio Lower Upper
56 100
55 69.0 54.5 81.7



#14
Allyl chloride
Concen: 18.288 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

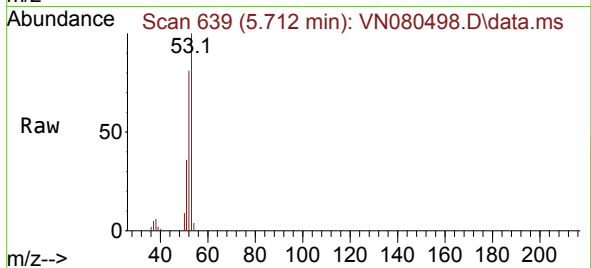
Tgt Ion: 41 Resp: 74378
Ion Ratio Lower Upper
41 100
39 80.5 58.8 88.2
76 50.3 39.1 58.7





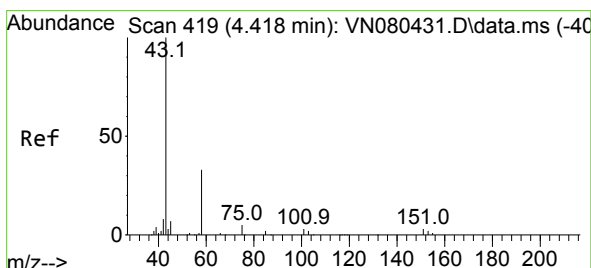
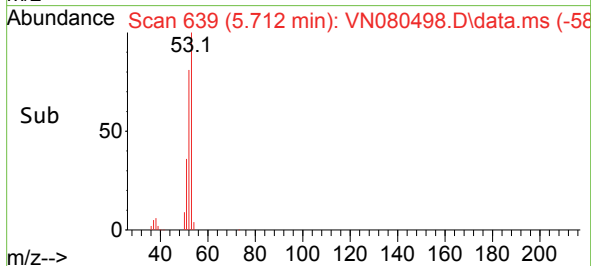
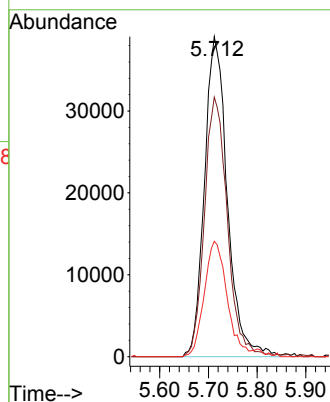
#15
Acrylonitrile
Concen: 98.078 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 127468

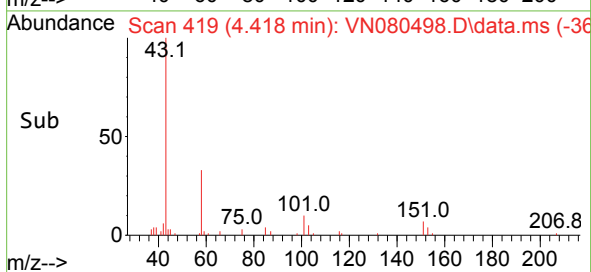
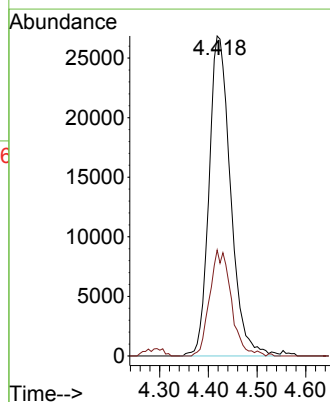
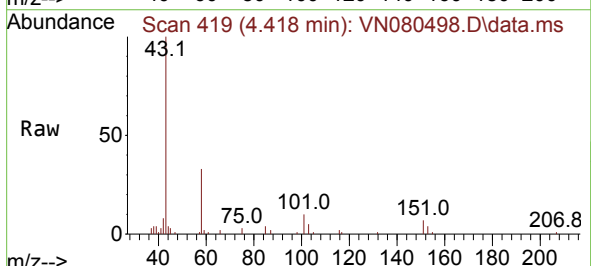
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.3	97.9
51	36.0	28.9	43.3

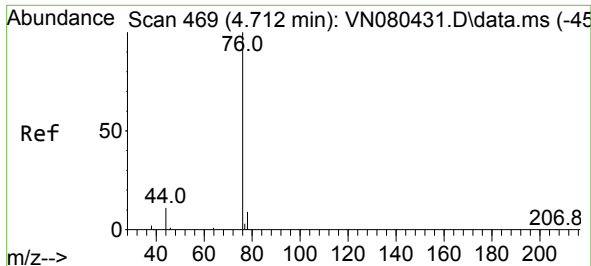


#16
Acetone
Concen: 119.044 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 43 Resp: 82438

Ion	Ratio	Lower	Upper
43	100		
58	33.1	28.0	42.0

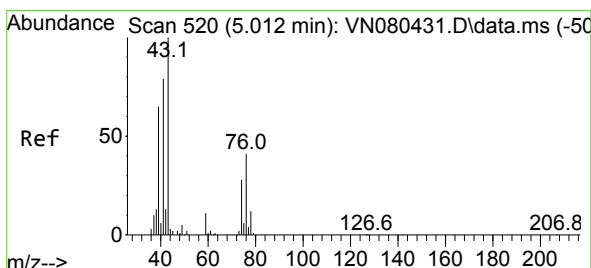
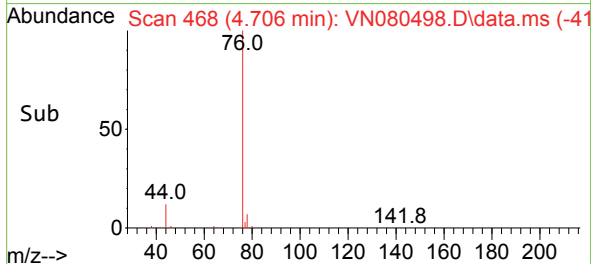
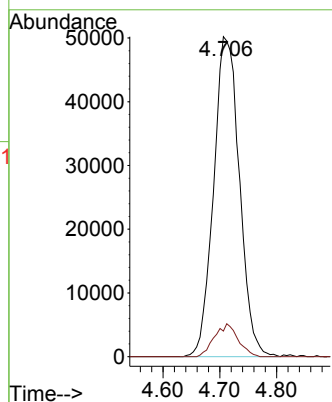
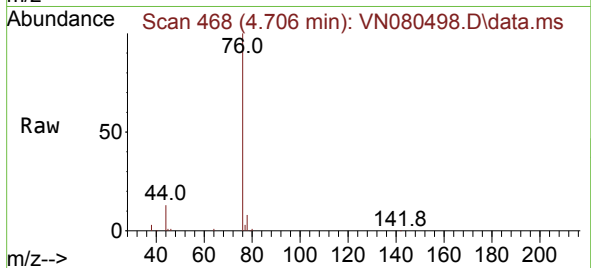




#17
Carbon Disulfide
Concen: 17.010 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

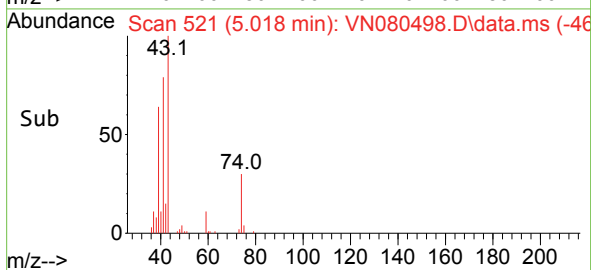
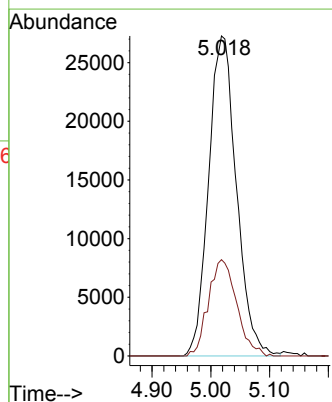
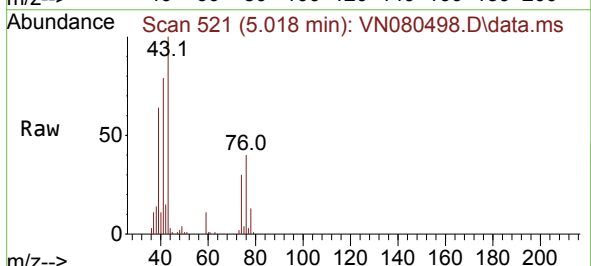
Instrument :
MSVOA_N
ClientSampleId :

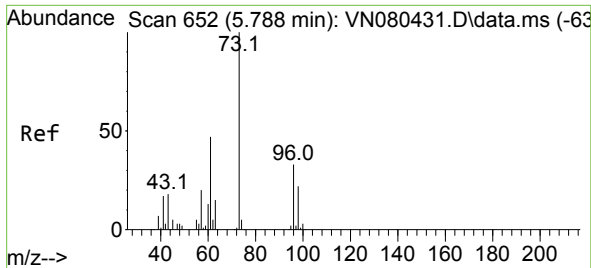
Tgt Ion: 76 Resp: 158465
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.118 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 43 Resp: 89645
Ion Ratio Lower Upper
43 100
74 30.6 26.2 39.4

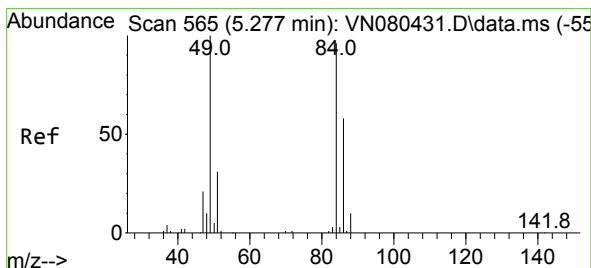
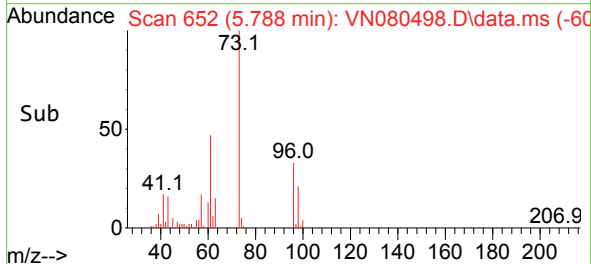
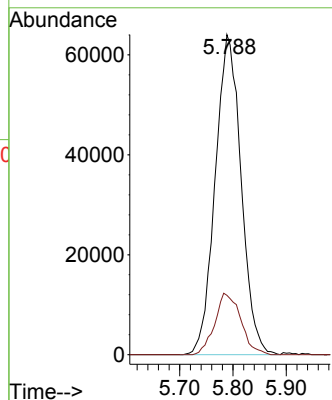
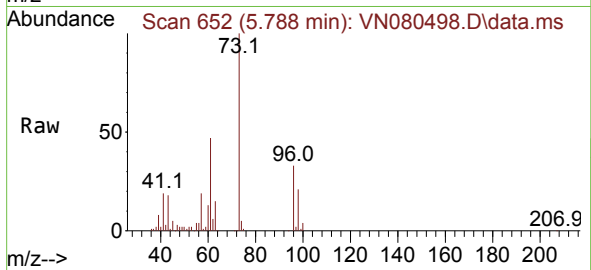




#19
Methyl tert-butyl Ether
Concen: 19.700 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

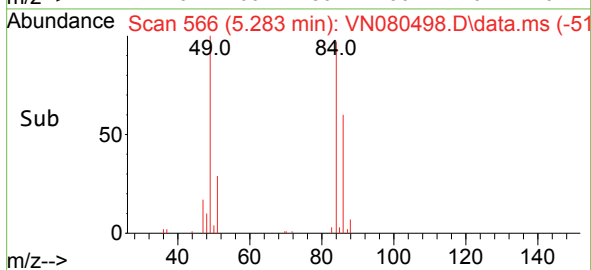
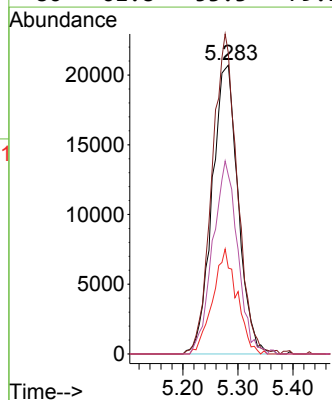
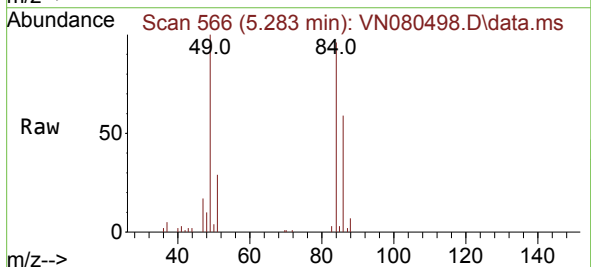
Instrument :
MSVOA_N
ClientSampleId :

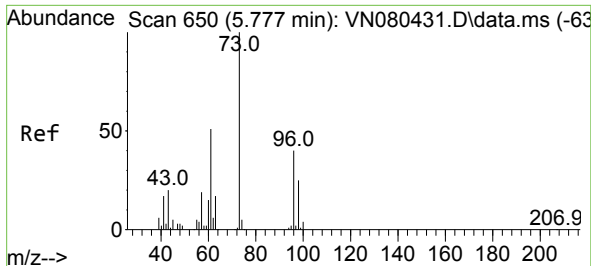
Tgt Ion: 73 Resp: 216058
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4



#20
Methylene Chloride
Concen: 18.356 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 84 Resp: 68029
Ion Ratio Lower Upper
84 100
49 104.1 79.7 119.5
51 29.8 25.2 37.8
86 61.8 53.3 79.9

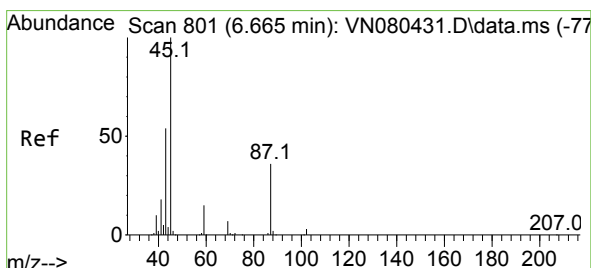
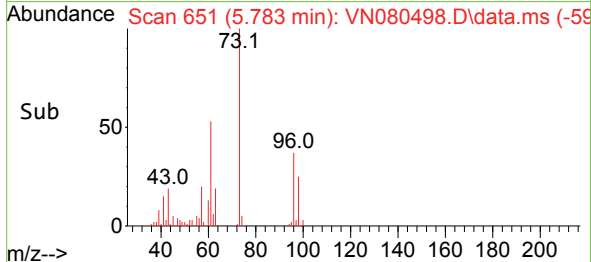
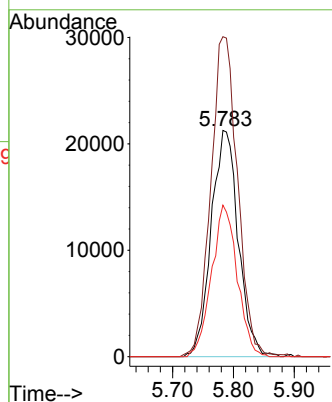
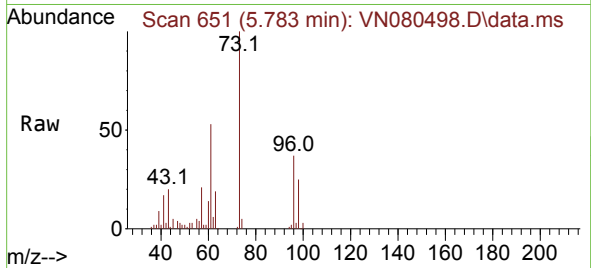




#21
trans-1,2-Dichloroethene
Concen: 18.388 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

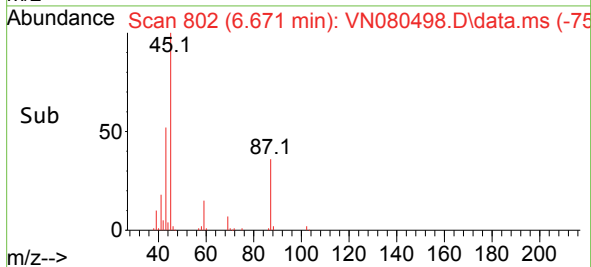
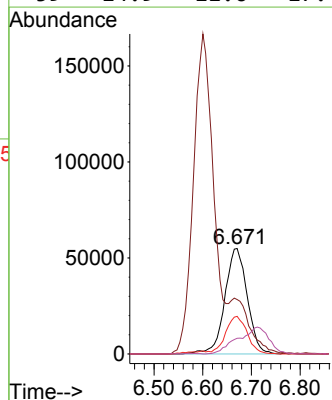
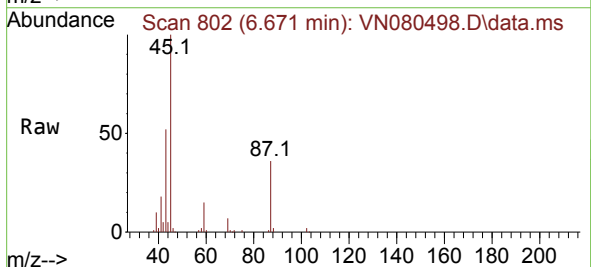
Instrument :
MSVOA_N
ClientSampleId :

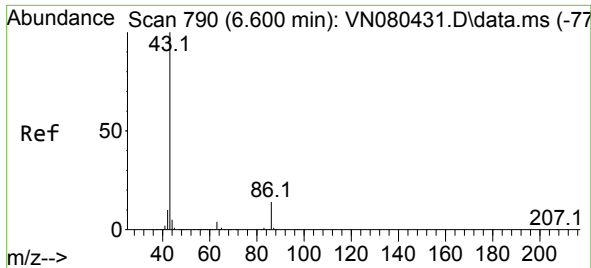
Tgt Ion: 96 Resp: 65542
Ion Ratio Lower Upper
96 100
61 141.5 90.1 135.1#
98 67.0 46.4 69.6



#22
Diisopropyl ether
Concen: 20.020 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

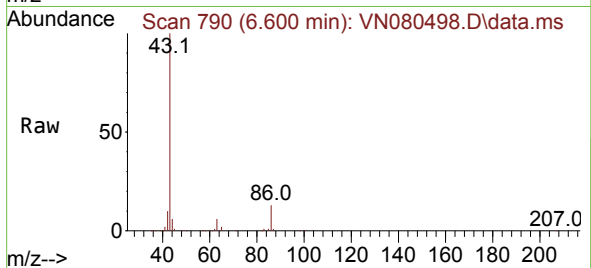
Tgt Ion: 45 Resp: 175732
Ion Ratio Lower Upper
45 100
43 50.6 45.5 68.3
87 35.7 31.8 47.8
59 14.9 11.6 17.4



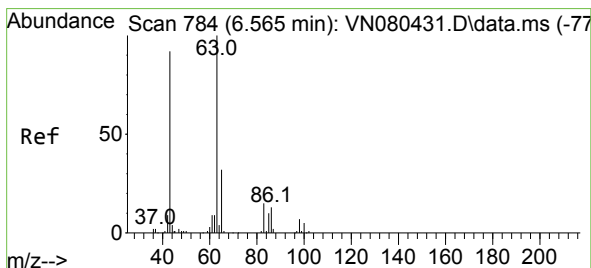
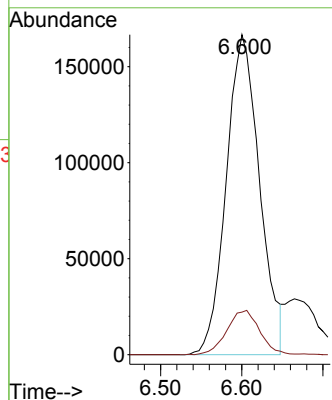
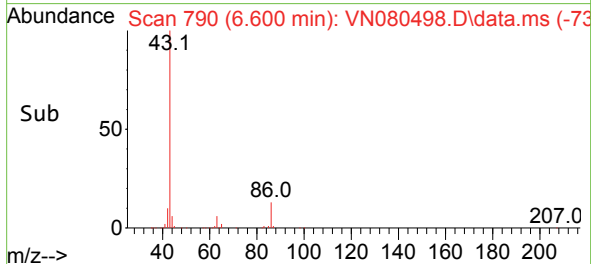


#23
 Vinyl Acetate
 Concen: 94.333 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

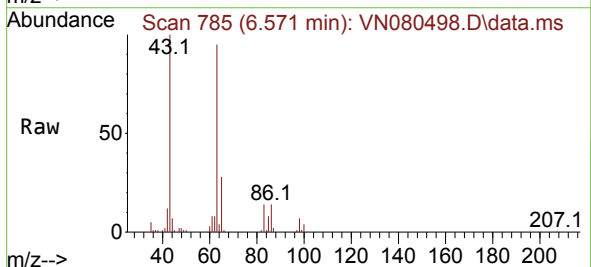
Instrument :
 MSVOA_N
 ClientSampleId :



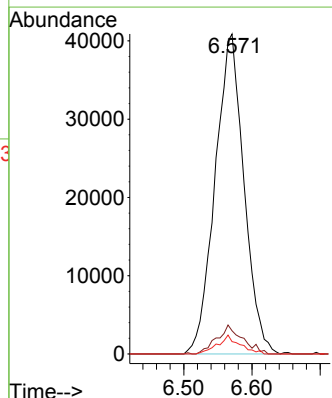
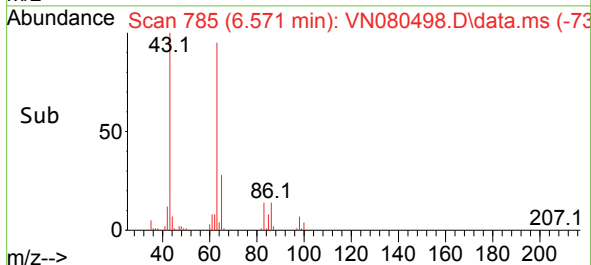
Tgt Ion: 43 Resp: 475587
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

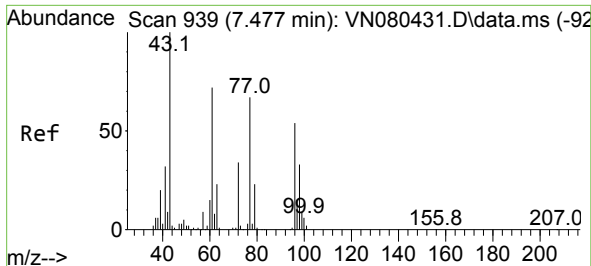


#24
 1,1-Dichloroethane
 Concen: 19.654 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03



Tgt Ion: 63 Resp: 120370
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.8 2.5 7.4

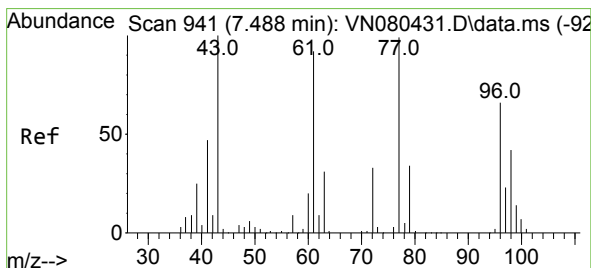
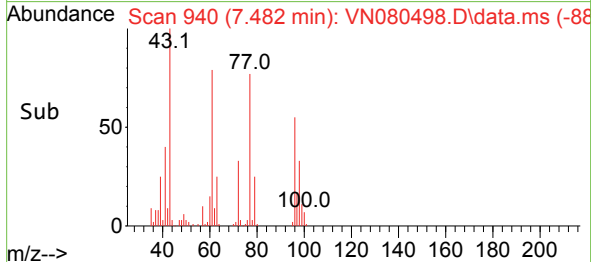
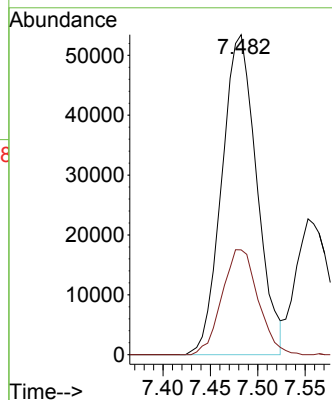
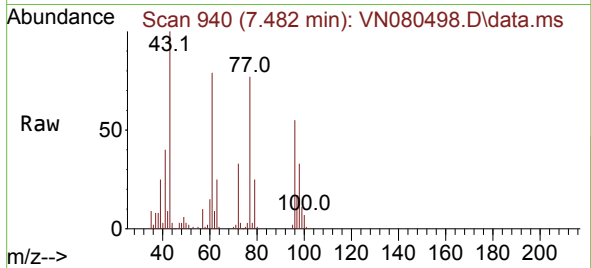




#25
2-Butanone
Concen: 102.851 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

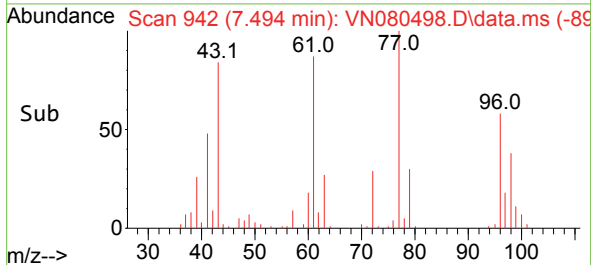
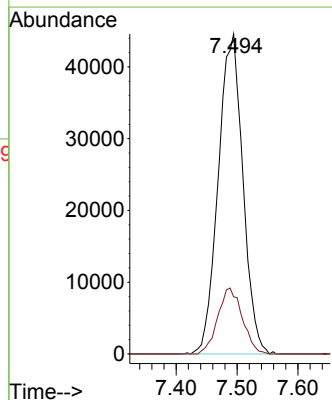
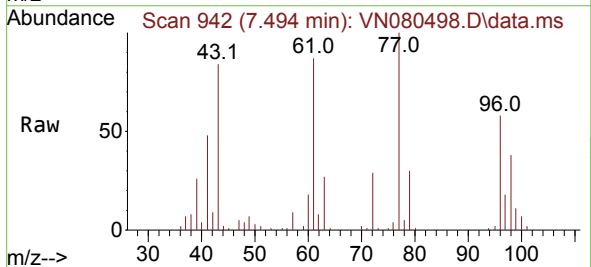
Instrument :
MSVOA_N
ClientSampleId :

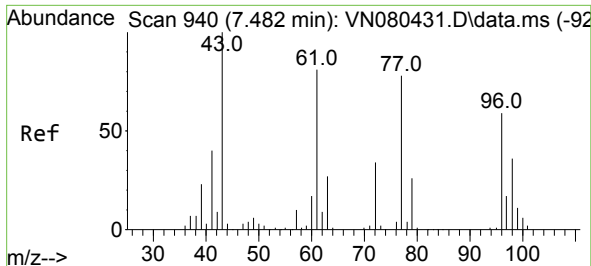
Tgt Ion: 43 Resp: 137207
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 19.999 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 77 Resp: 125242
Ion Ratio Lower Upper
77 100
97 20.5 11.2 33.6

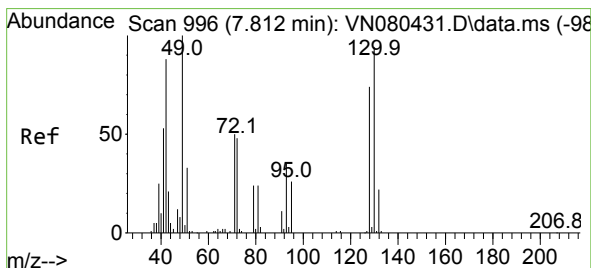
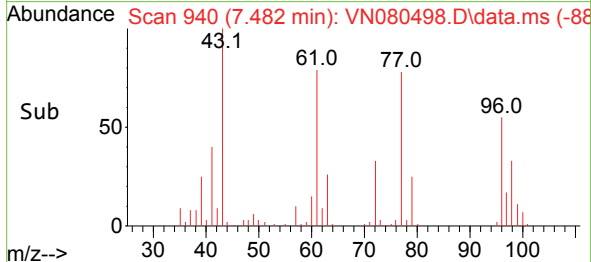
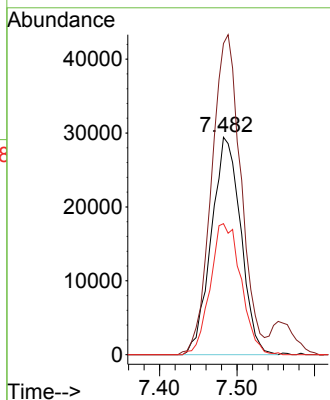
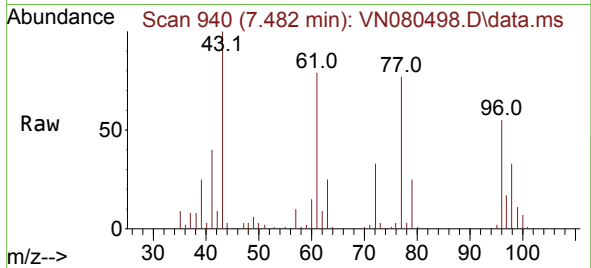




#27
 cis-1,2-Dichloroethene
 Concen: 19.260 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

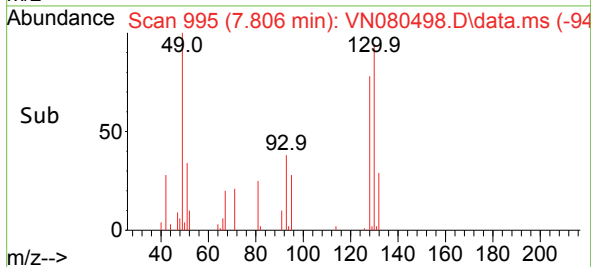
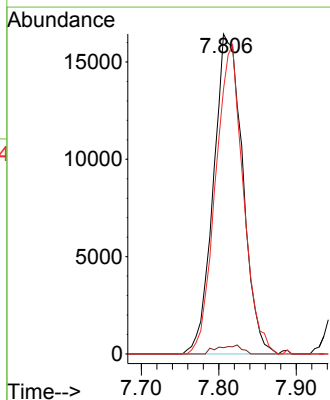
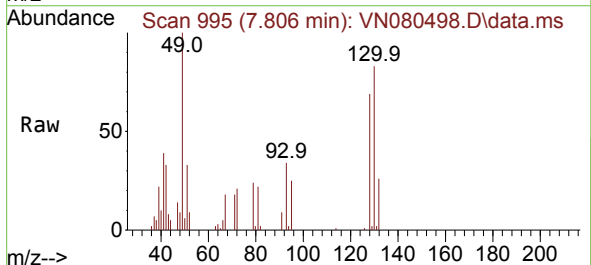
Instrument :
 MSVOA_N
 ClientSampleId :

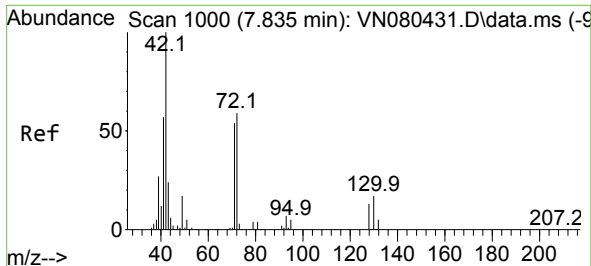
Tgt Ion: 96 Resp: 77705
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 255.2
 98 63.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.261 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

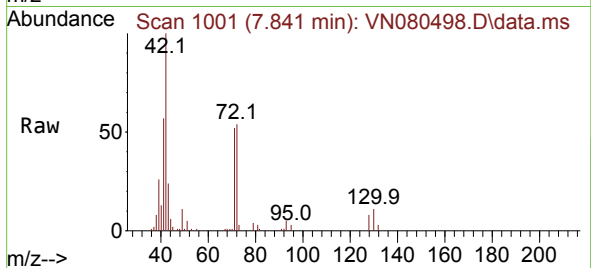
Tgt Ion: 49 Resp: 42941
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 91.8 75.3 112.9



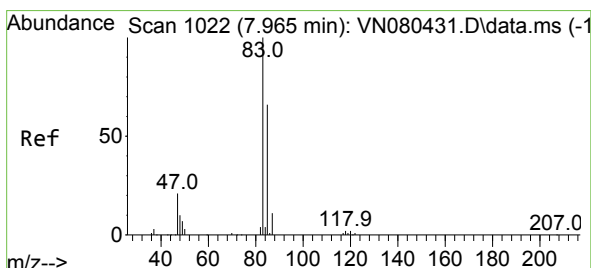
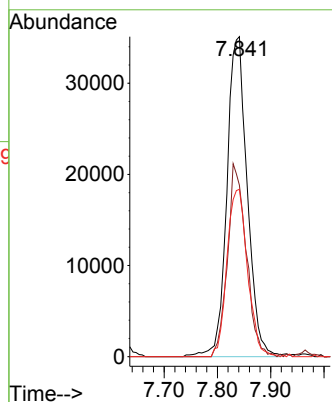
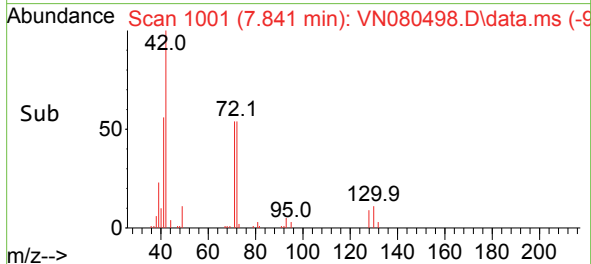


#29
Tetrahydrofuran
Concen: 97.499 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :

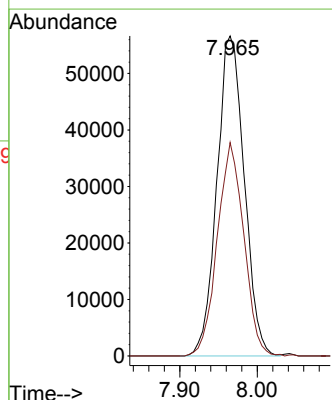
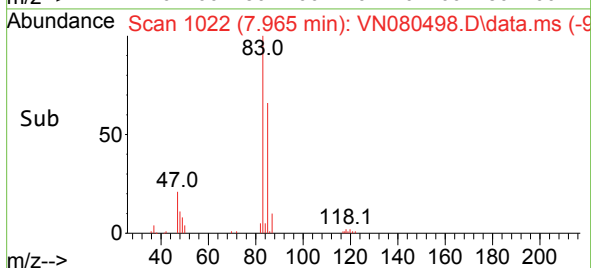
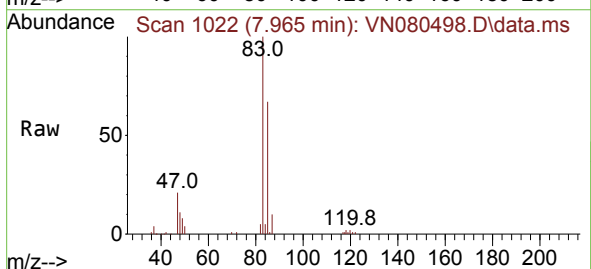


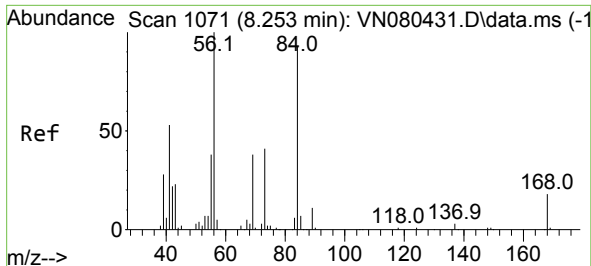
Tgt Ion: 42 Resp: 93139
Ion Ratio Lower Upper
42 100
72 55.4 49.8 74.6
71 52.7 47.4 71.2



#30
Chloroform
Concen: 20.454 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

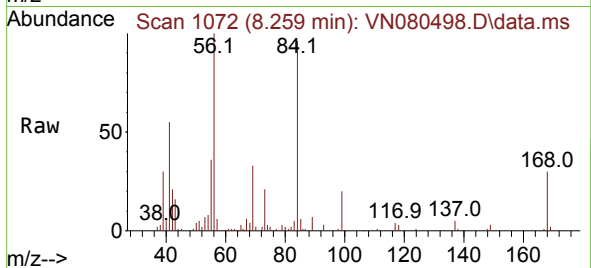
Tgt Ion: 83 Resp: 139053
Ion Ratio Lower Upper
83 100
85 66.7 55.4 83.0



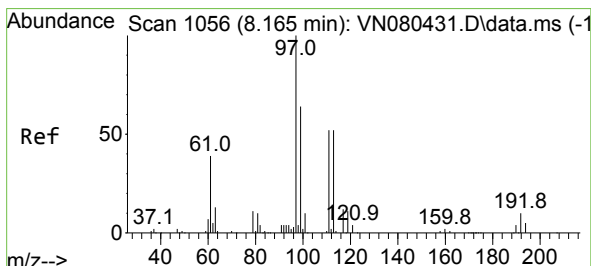
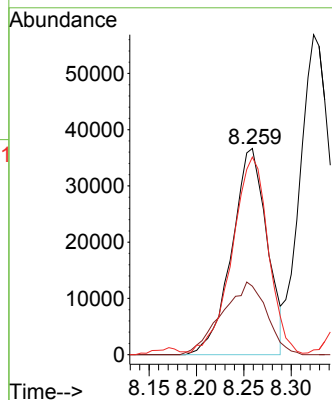
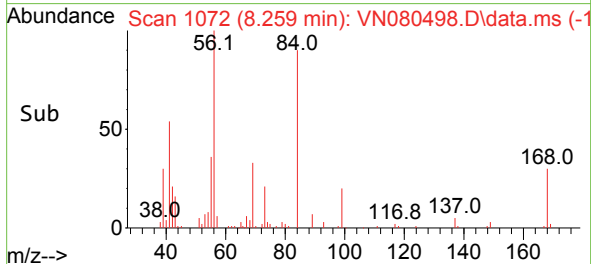


#31
Cyclohexane
Concen: 17.851 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

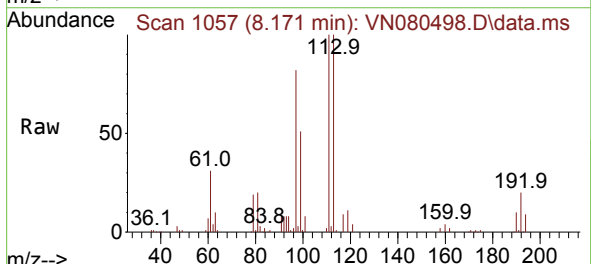
Instrument :
MSVOA_N
ClientSampleId :



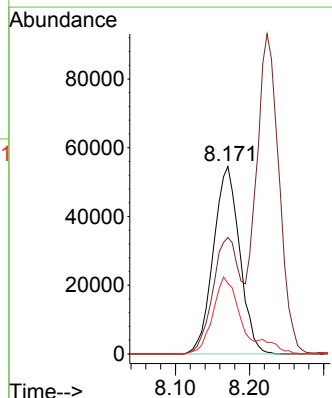
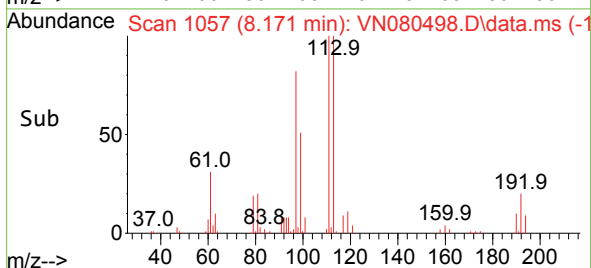
Tgt Ion: 56 Resp: 94810
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 93.8 81.8 122.6

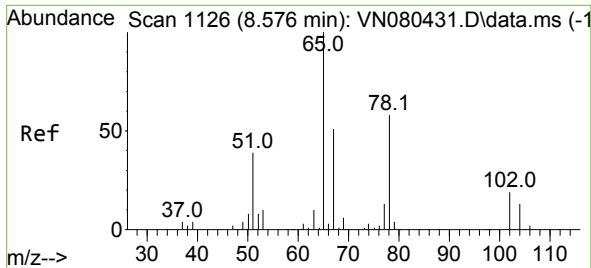


#32
1,1,1-Trichloroethane
Concen: 20.160 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03



Tgt Ion: 97 Resp: 134191
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 46.1 34.7 52.1

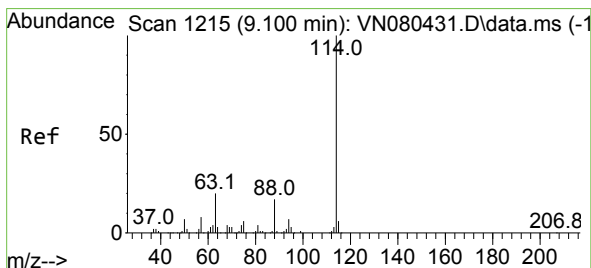
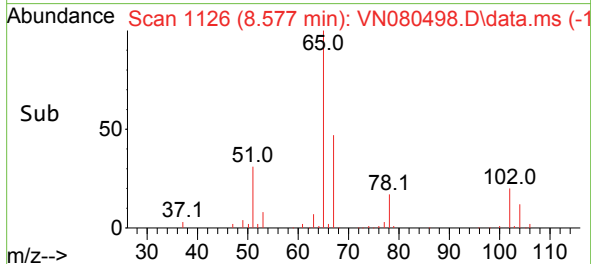
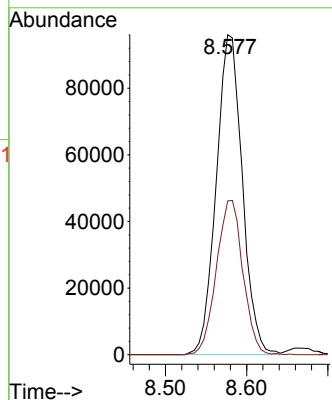
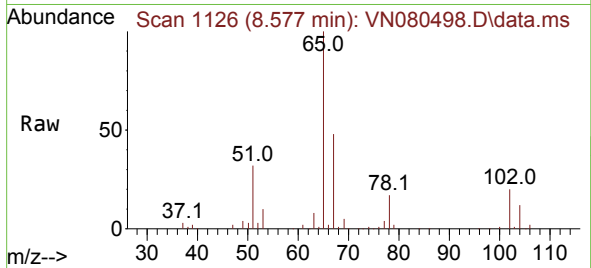




#33
 1,2-Dichloroethane-d4
 Concen: 54.945 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

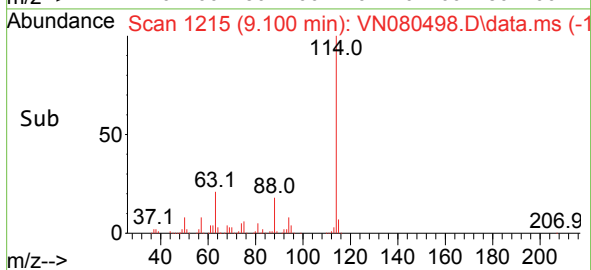
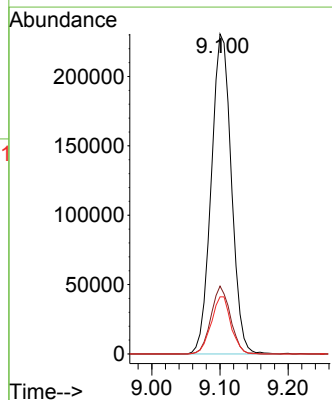
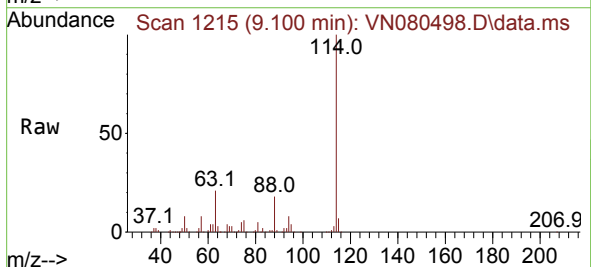
Instrument :
 MSVOA_N
 ClientSampleId :

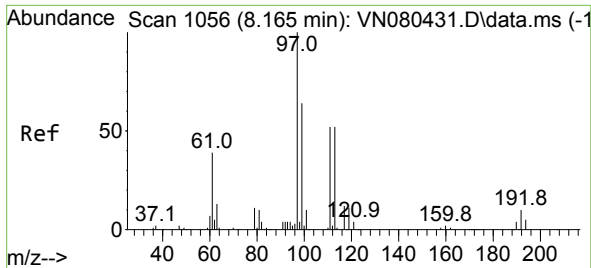
Tgt Ion: 65 Resp: 214592
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

Tgt Ion: 114 Resp: 472443
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 36.4
 88 17.8 0.0 30.6

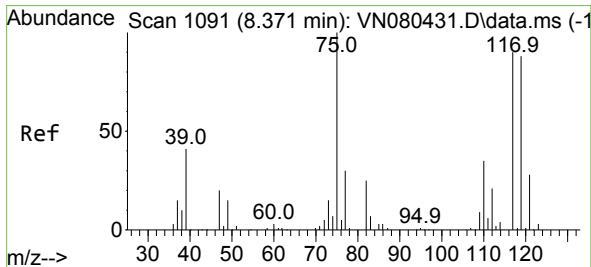
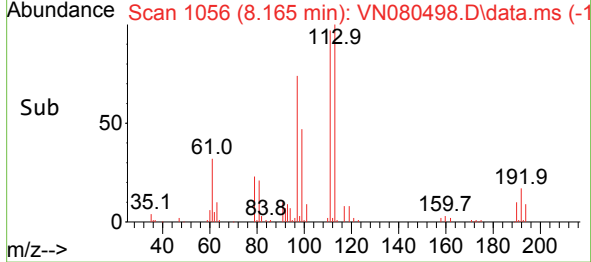
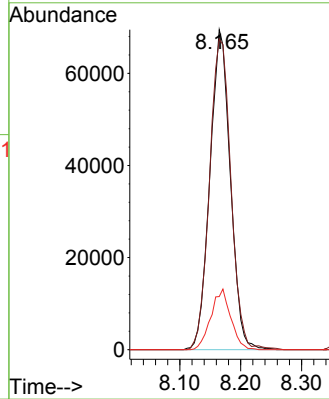
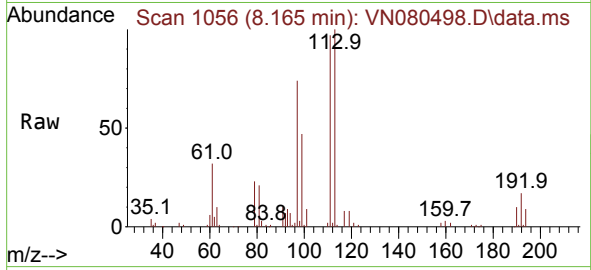




#35
Dibromofluoromethane
Concen: 53.966 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

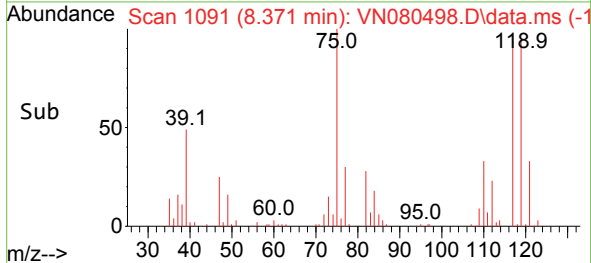
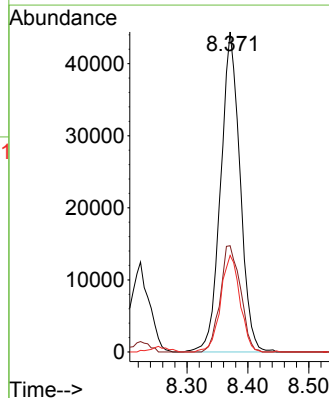
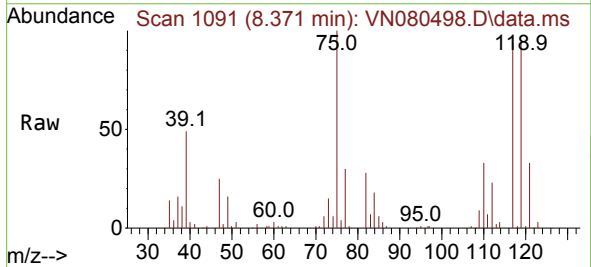
Instrument :
MSVOA_N
ClientSampleId :

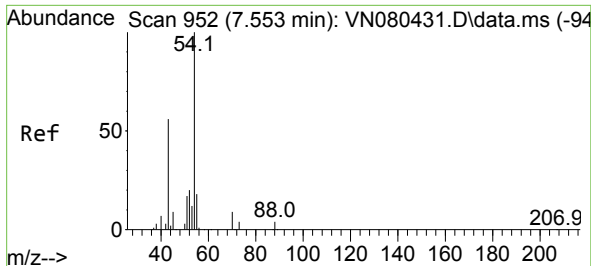
Tgt Ion:113 Resp: 161653
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.046 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

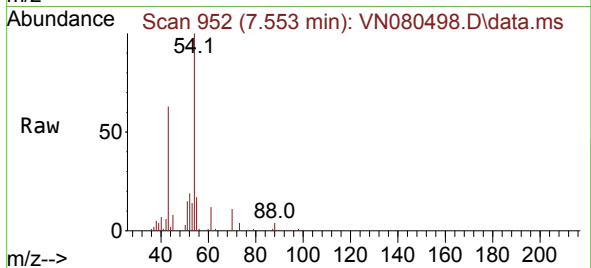
Tgt Ion: 75 Resp: 98182
Ion Ratio Lower Upper
75 100
110 34.7 19.1 57.3
77 30.3 25.0 37.4



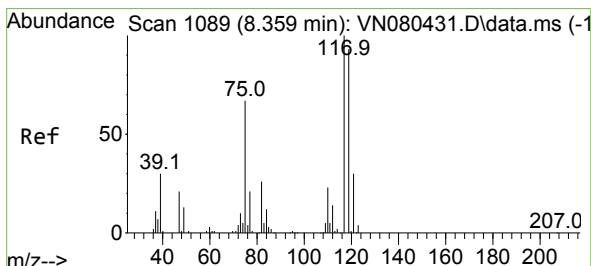
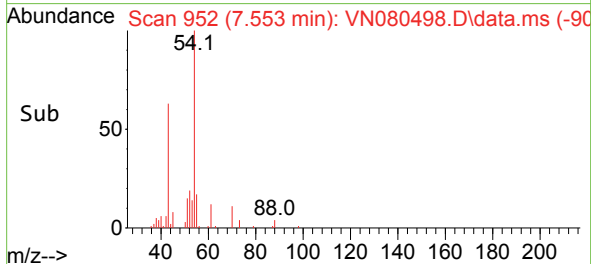
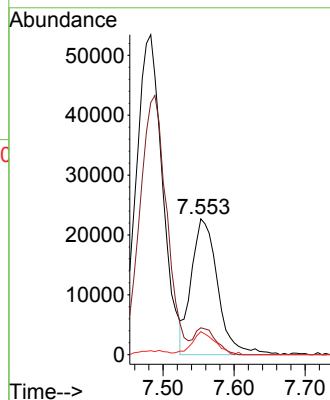


#37
Ethyl Acetate
Concen: 19.097 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :

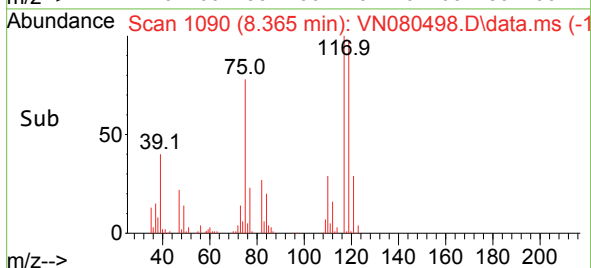
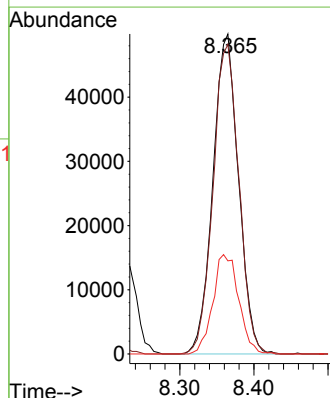
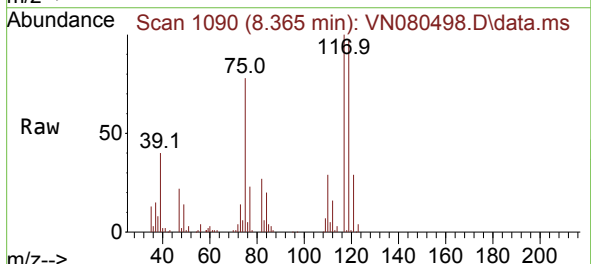


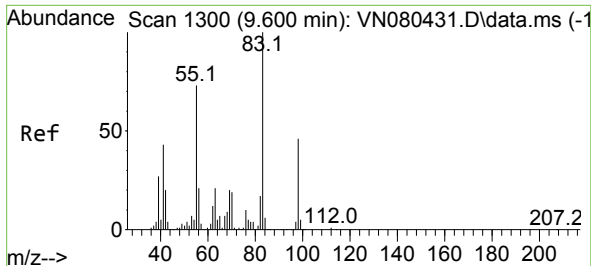
Tgt Ion: 43 Resp: 58571
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 14.8 11.3 16.9



#38
Carbon Tetrachloride
Concen: 20.408 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 117 Resp: 119434
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.341 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

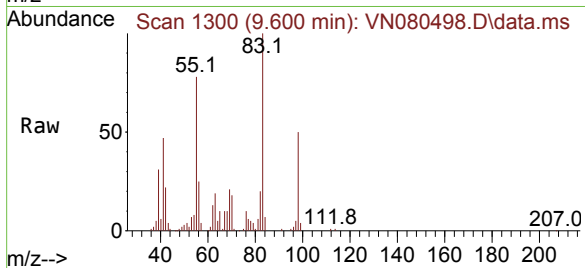
Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :



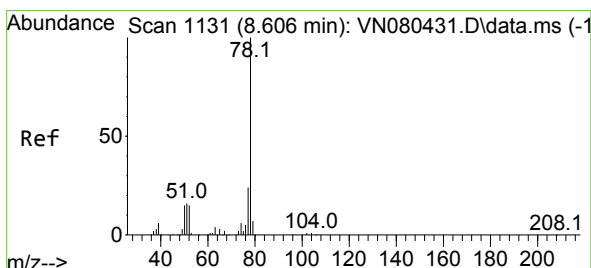
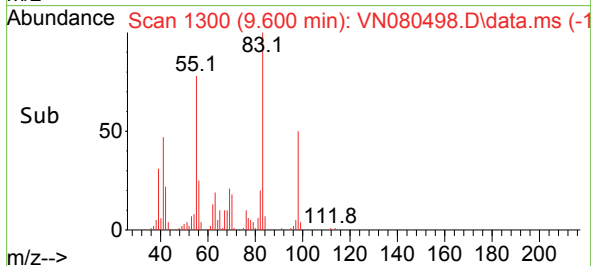
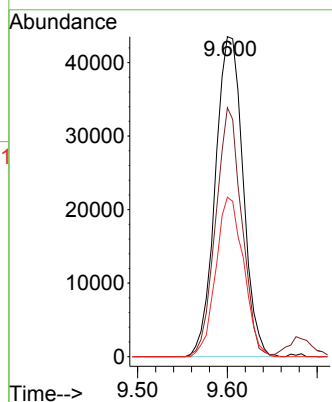
Tgt Ion: 83 Resp: 93321

Ion Ratio Lower Upper

83 100

55 77.8 49.1 73.7#

98 49.8 40.6 61.0



#40

Benzene

Concen: 19.905 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080498.D

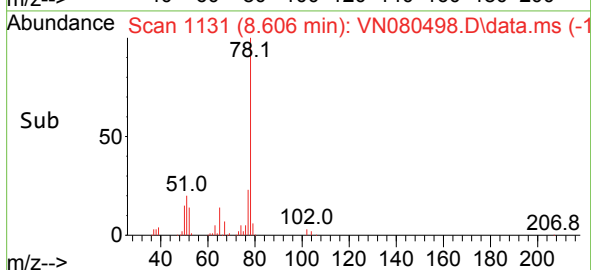
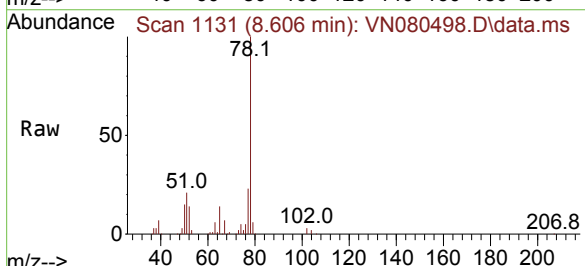
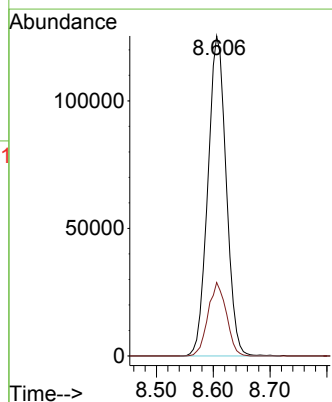
Acq: 15 Dec 2023 13:03

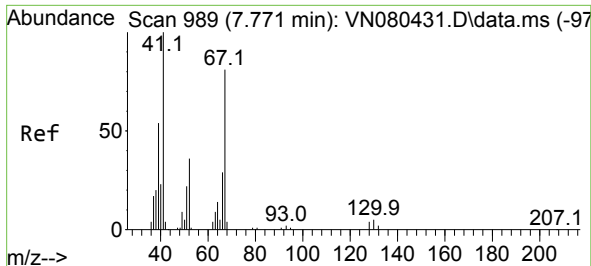
Tgt Ion: 78 Resp: 281525

Ion Ratio Lower Upper

78 100

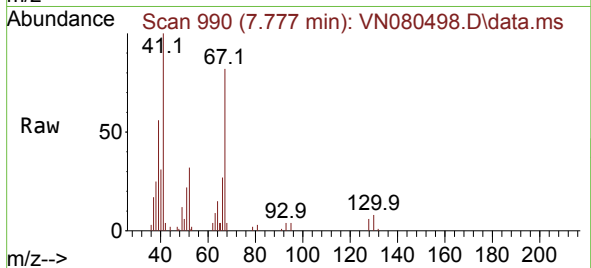
77 22.9 19.0 28.6



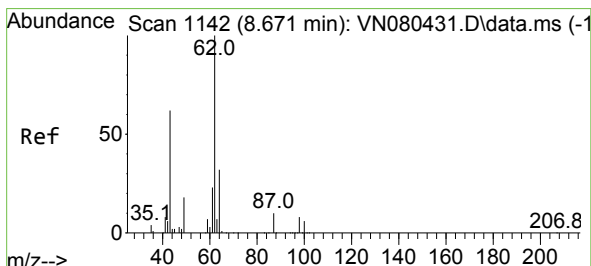
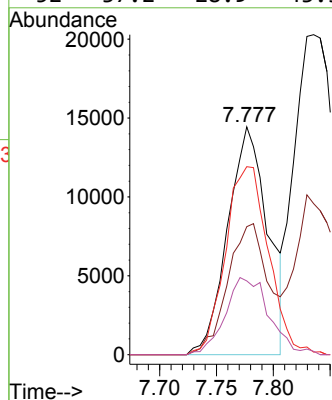
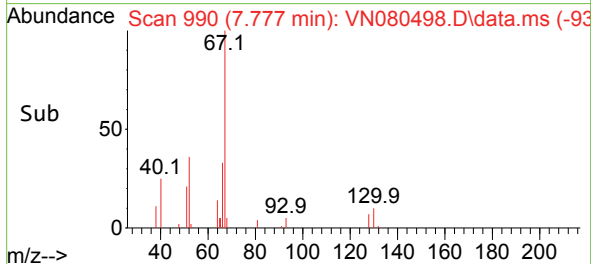


#41
Methacrylonitrile
Concen: 20.042 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :

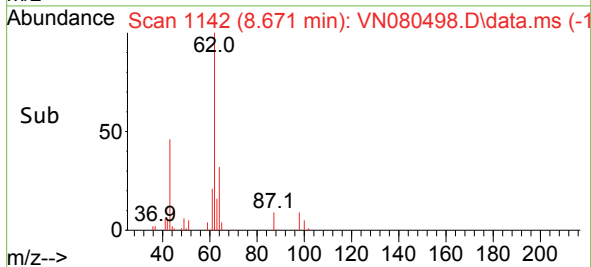
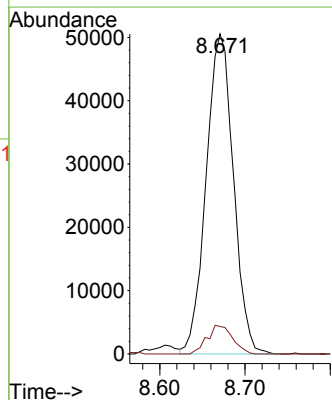
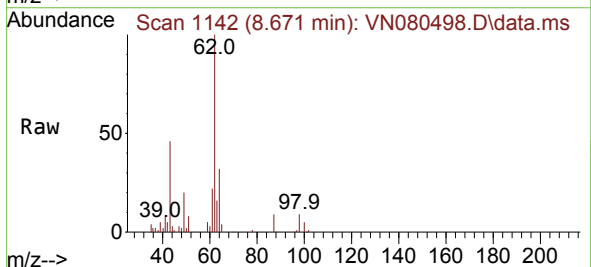


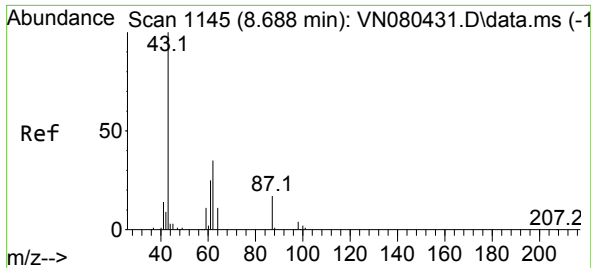
Tgt Ion: 41	Resp: 35437
Ion Ratio	Lower Upper
41 100	
39 58.5	42.6 64.0
67 88.7	77.5 116.3
52 37.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 21.469 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 62	Resp: 112441
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 19.8

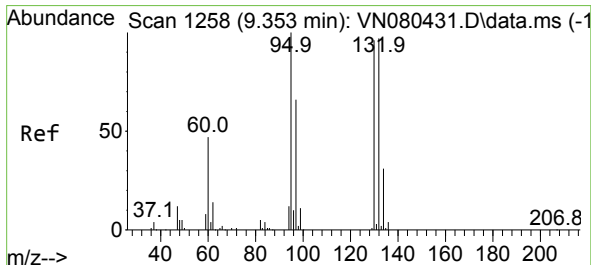
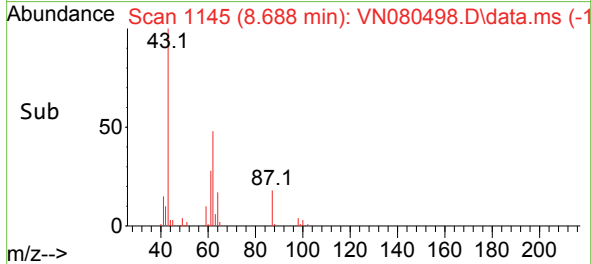
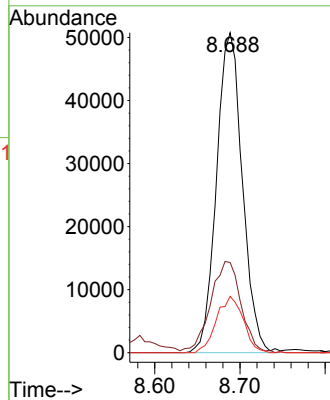
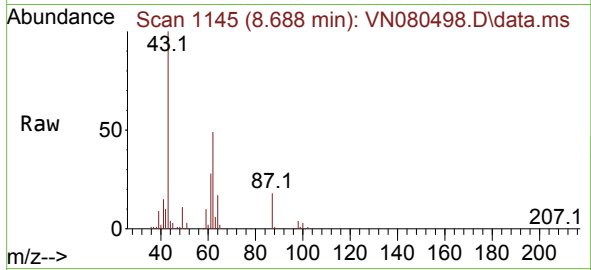




#43
Isopropyl Acetate
Concen: 19.388 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

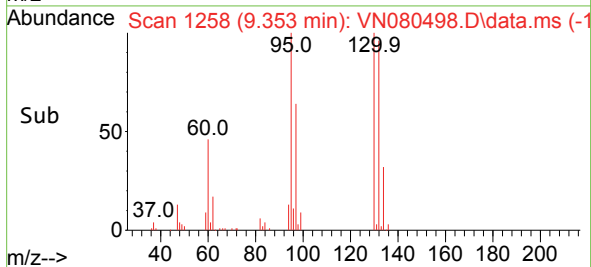
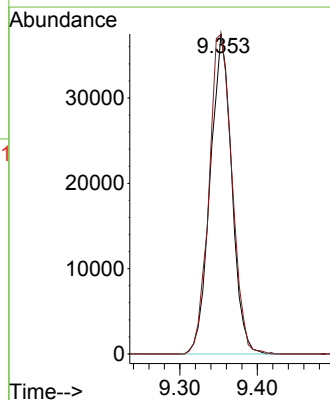
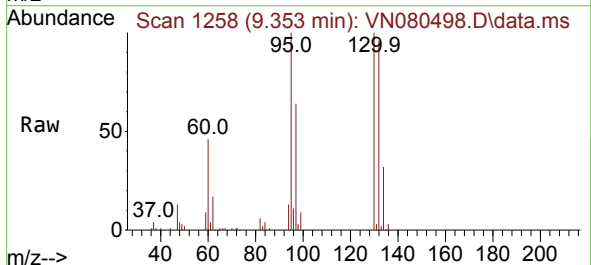
Instrument :
MSVOA_N
ClientSampleId :

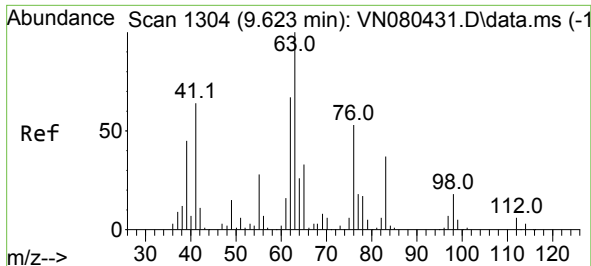
Tgt Ion: 43 Resp: 106918
Ion Ratio Lower Upper
43 100
61 33.7 24.7 37.1
87 18.2 14.6 21.8



#44
Trichloroethene
Concen: 18.968 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:130 Resp: 72320
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.555 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

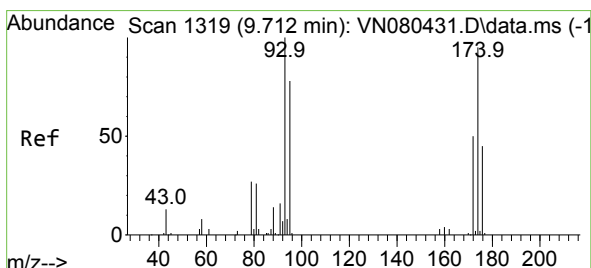
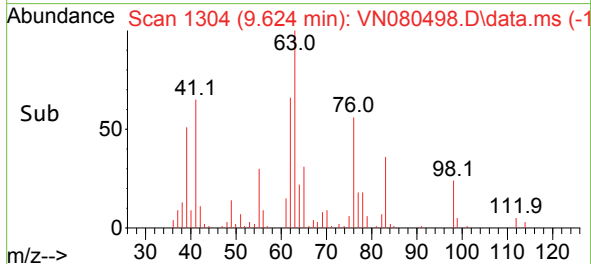
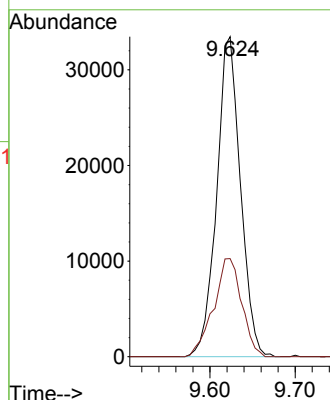
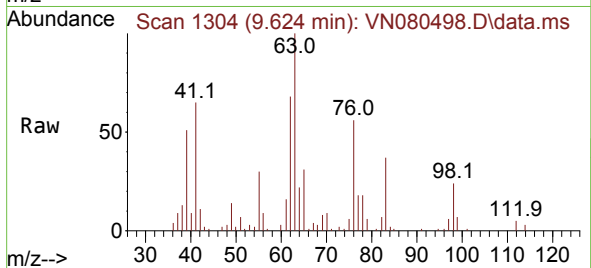
ClientSampleId :

Tgt Ion: 63 Resp: 64957

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 20.083 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

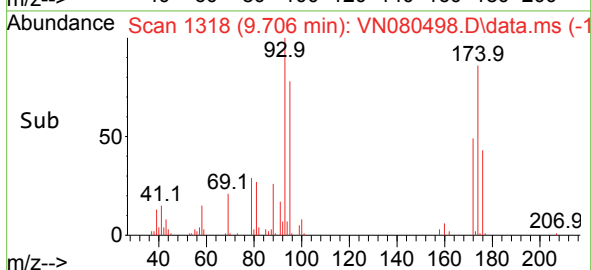
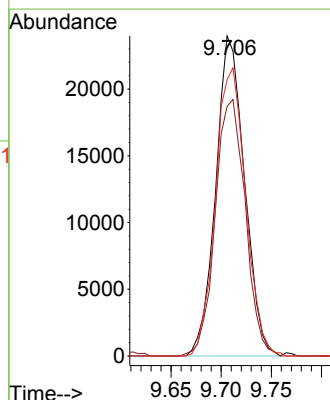
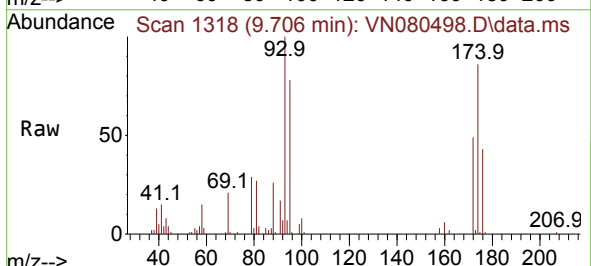
Tgt Ion: 93 Resp: 47907

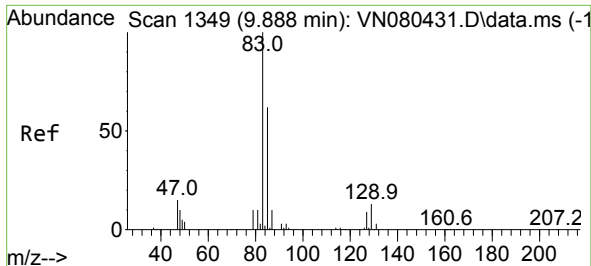
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

174 93.9 65.6 98.4

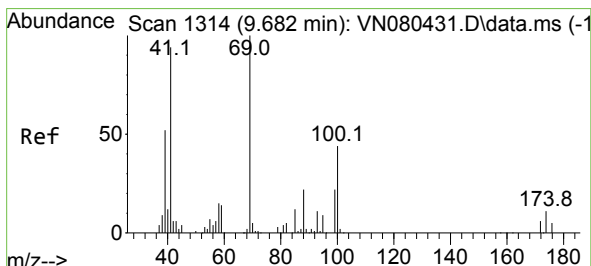
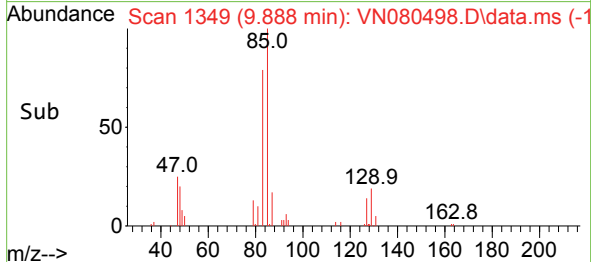
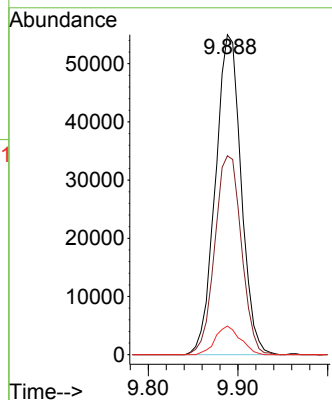
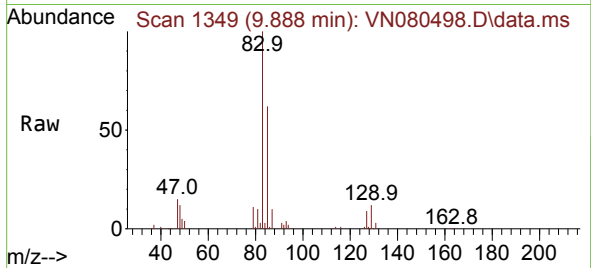




#47
Bromodichloromethane
Concen: 21.411 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

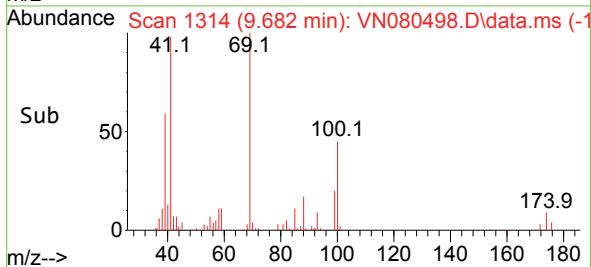
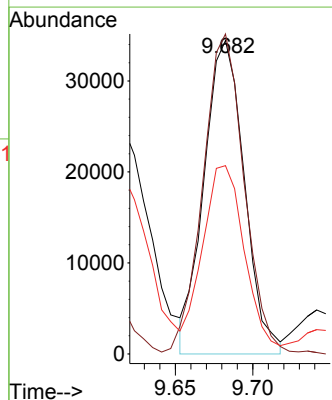
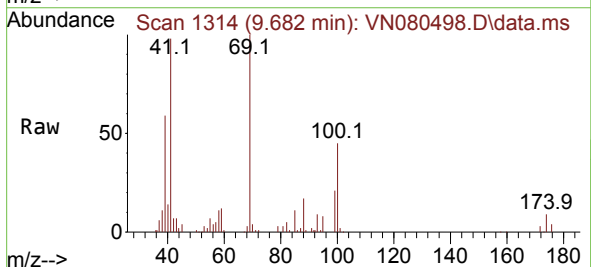
Instrument :
MSVOA_N
ClientSampleId :

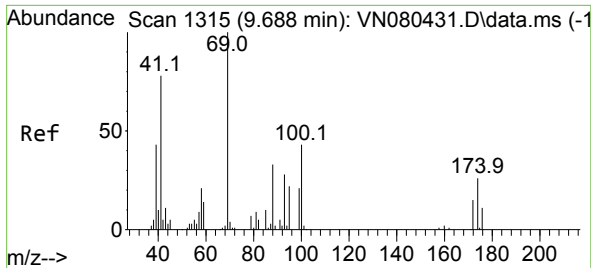
Tgt Ion: 83 Resp: 109464
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 18.902 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

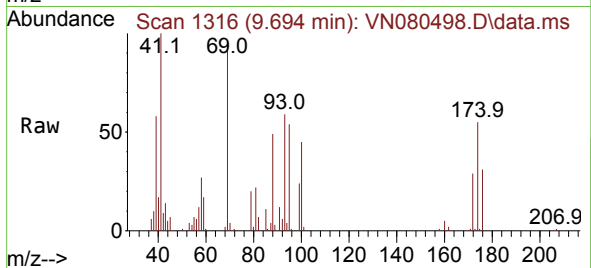
Tgt Ion: 41 Resp: 62204
Ion Ratio Lower Upper
41 100
69 104.9 90.4 135.6
39 63.2 54.6 81.8



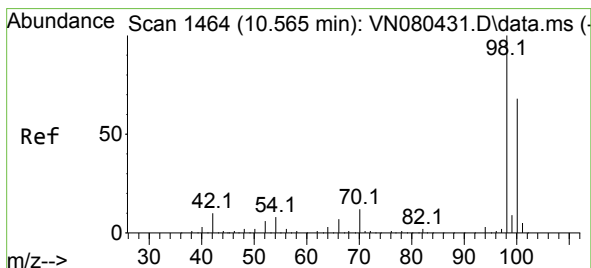
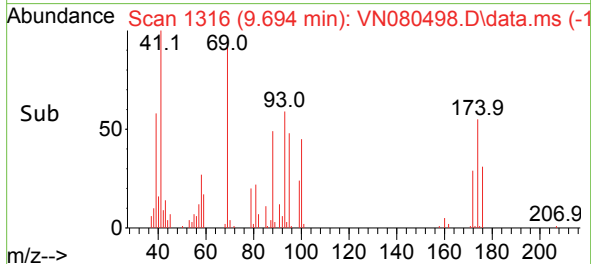
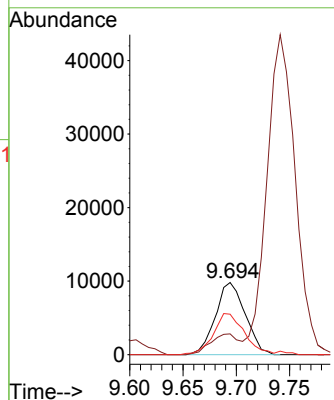


#49
1,4-Dioxane
Concen: 382.816 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :

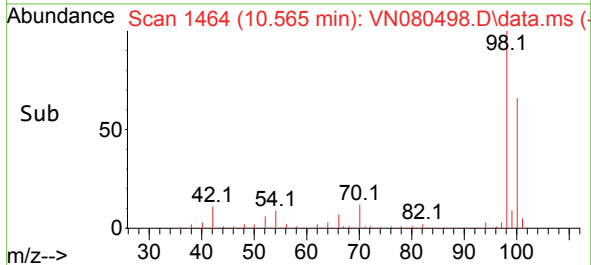
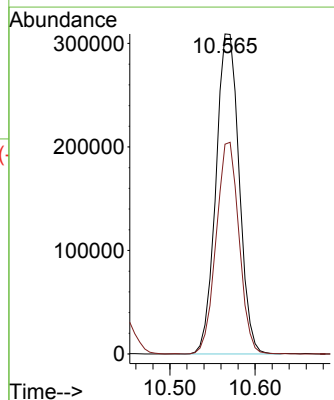
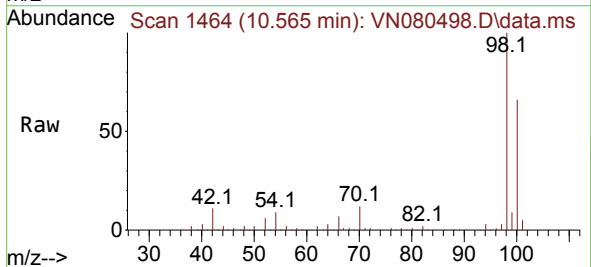


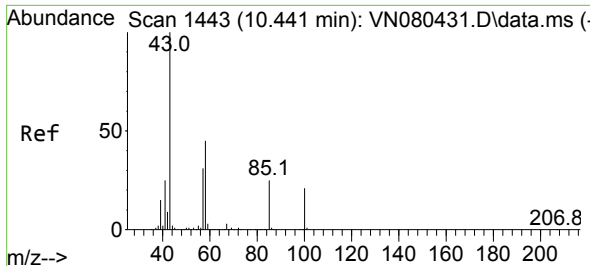
Tgt Ion: 88 Resp: 19095
Ion Ratio Lower Upper
88 100
43 28.1 17.0 25.6#
58 59.2 47.0 70.4



#50
Toluene-d8
Concen: 52.372 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

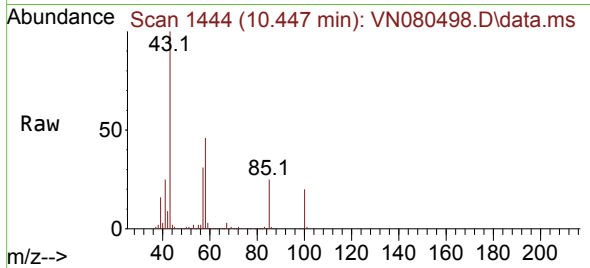
Tgt Ion: 98 Resp: 585082
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



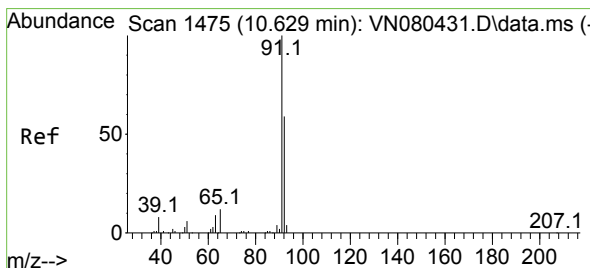
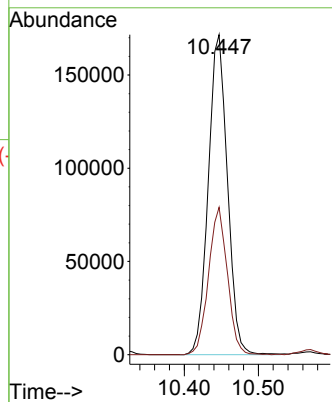
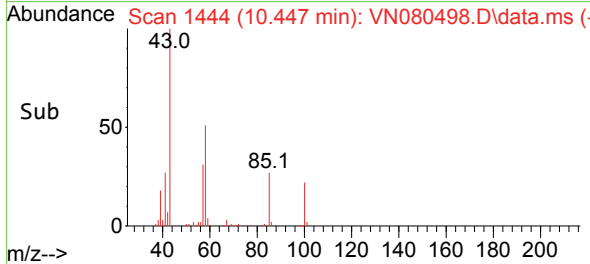


#51
4-Methyl-2-Pentanone
Concen: 101.334 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :

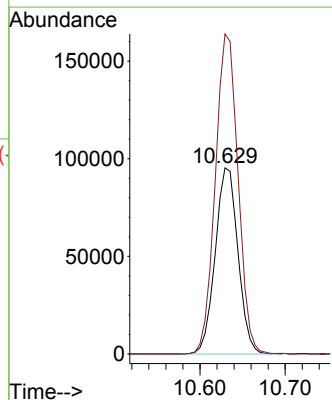
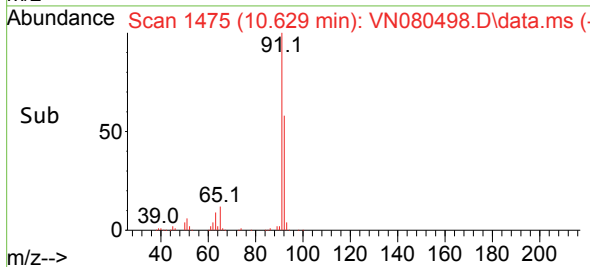
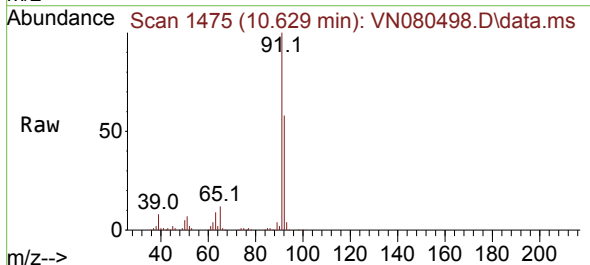


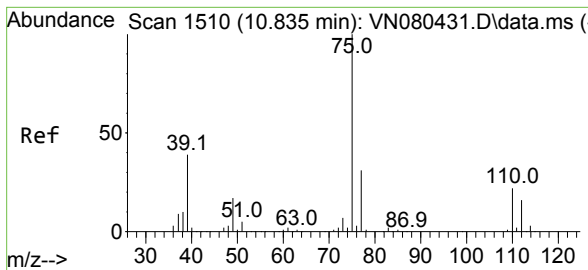
Tgt Ion: 43 Resp: 307762
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8



#52
Toluene
Concen: 19.813 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 92 Resp: 177024
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

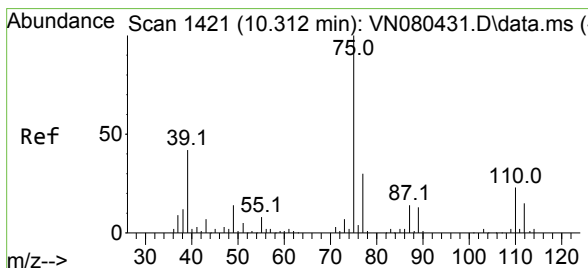
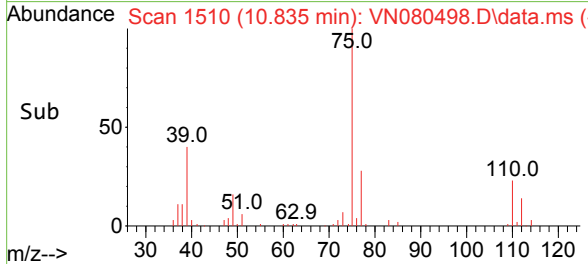
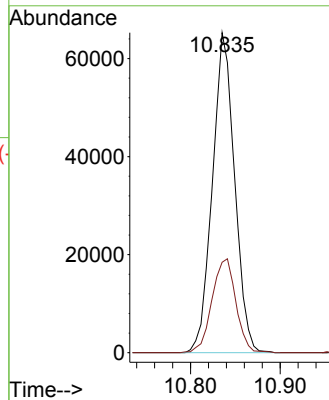
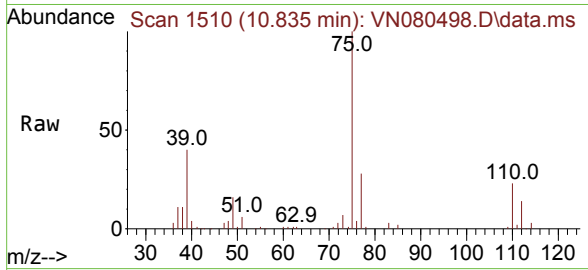




#53
 t-1,3-Dichloropropene
 Concen: 20.277 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

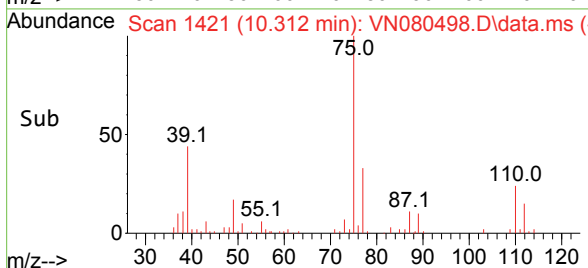
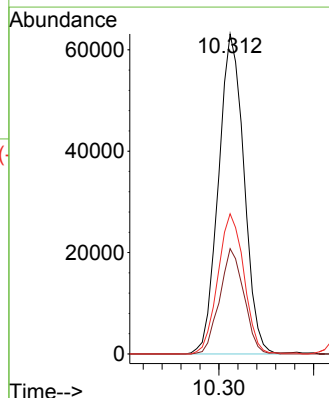
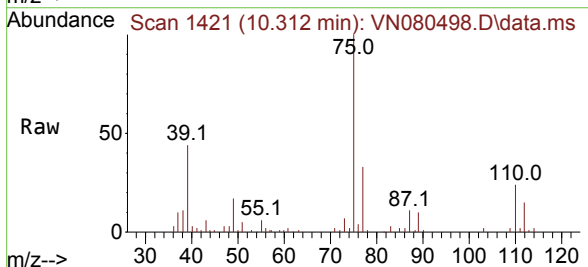
Instrument :
 MSVOA_N
 ClientSampleId :

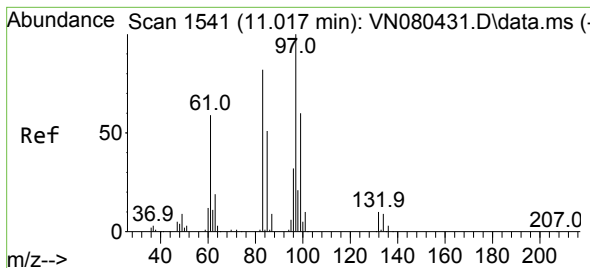
Tgt Ion: 75 Resp: 112162
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.966 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

Tgt Ion: 75 Resp: 118050
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1
 39 43.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.577 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

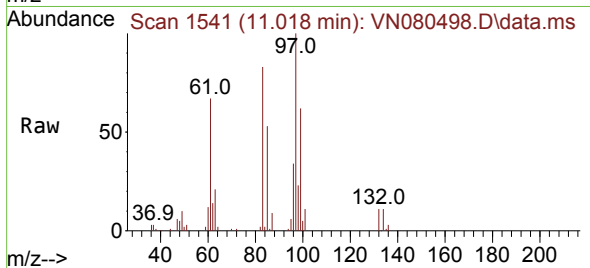
Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 66154

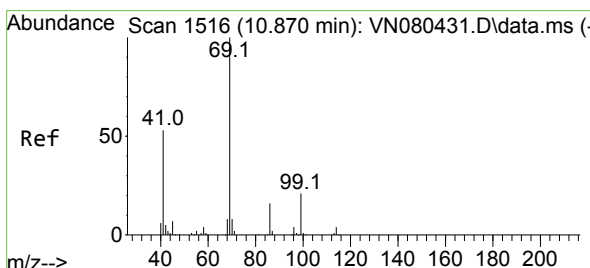
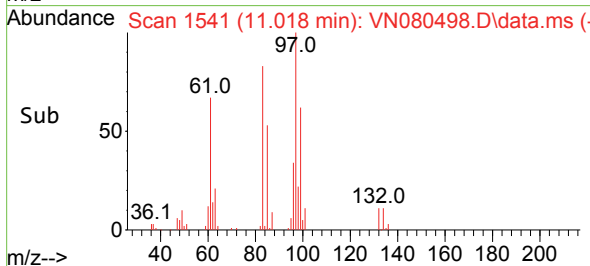
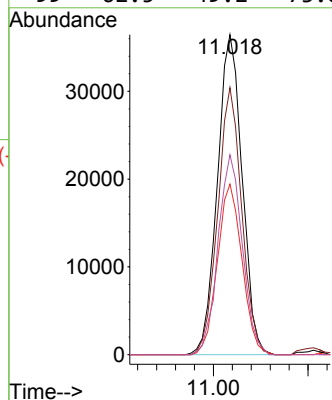
Ion Ratio Lower Upper

97 100

83 83.5 65.1 97.7

85 53.3 43.4 65.2

99 62.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.517 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

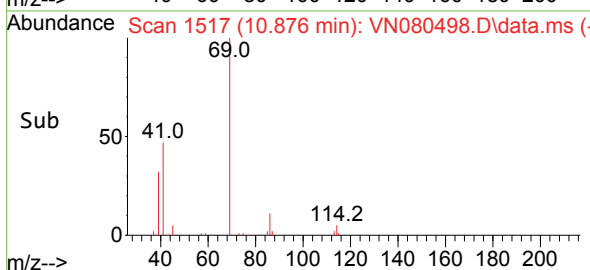
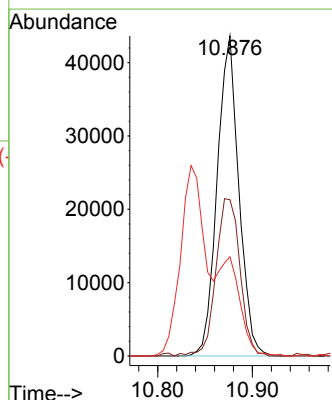
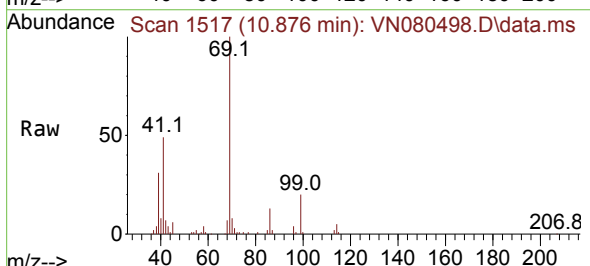
Tgt Ion: 69 Resp: 69468

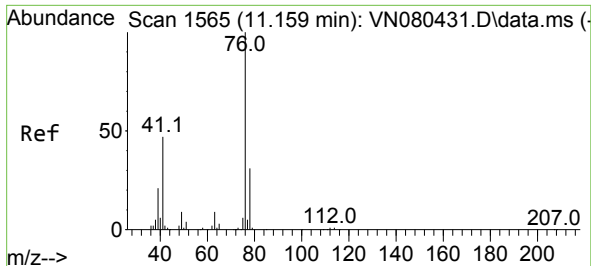
Ion Ratio Lower Upper

69 100

41 54.6 39.6 59.4

39 0.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 20.136 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

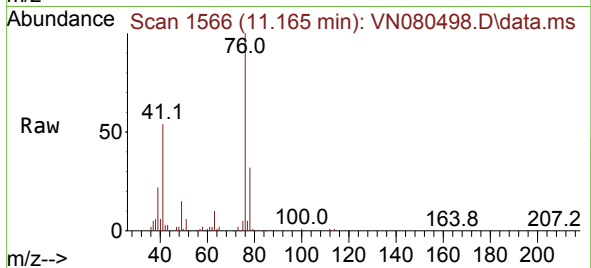
Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

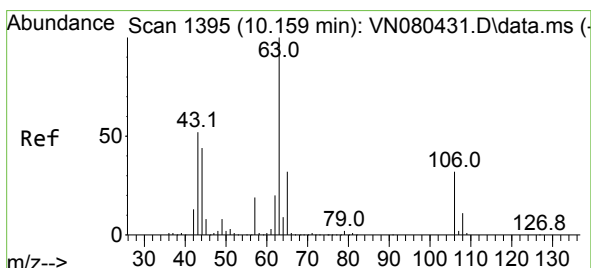
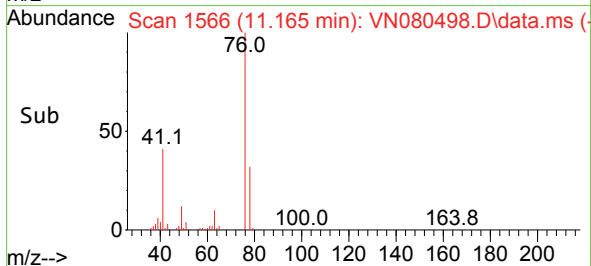
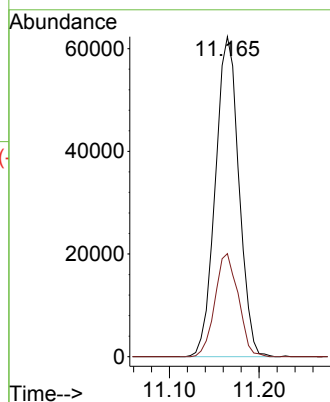


Tgt Ion: 76 Resp: 113483

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 82.757 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080498.D

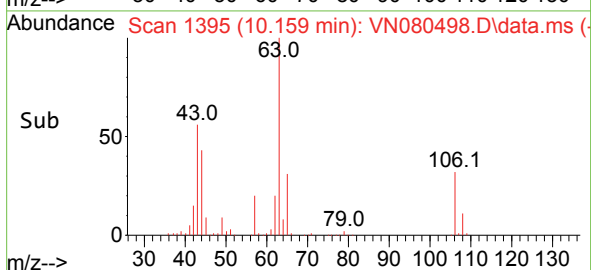
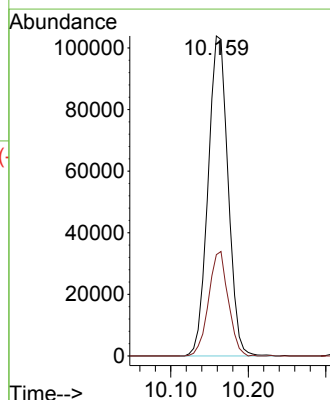
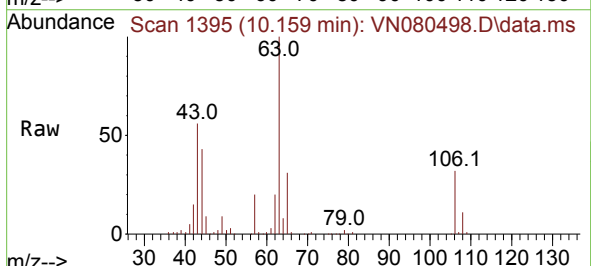
Acq: 15 Dec 2023 13:03

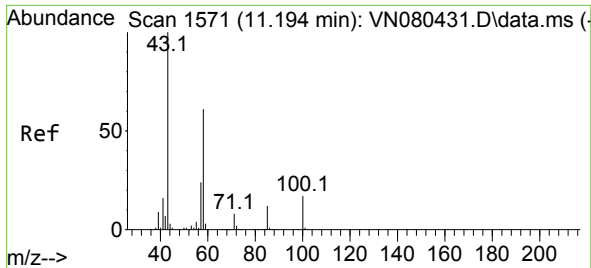
Tgt Ion: 63 Resp: 185956

Ion Ratio Lower Upper

63 100

106 32.0 26.2 39.4

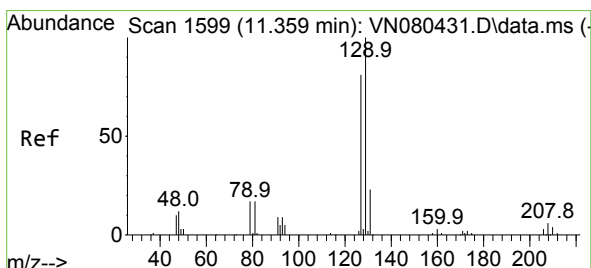
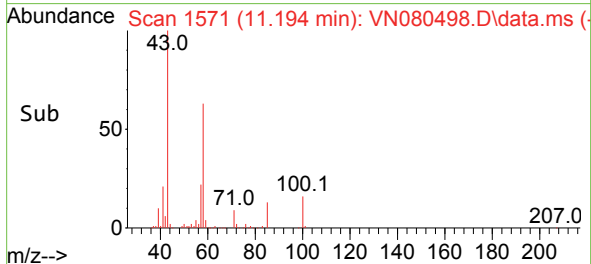
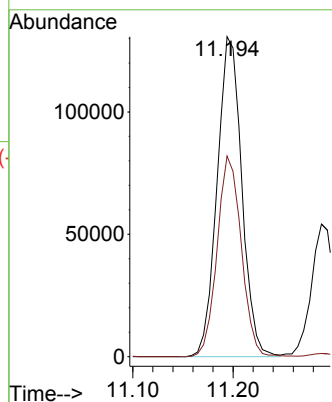
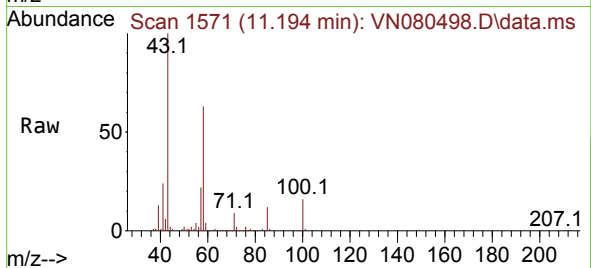




#59
2-Hexanone
Concen: 99.460 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

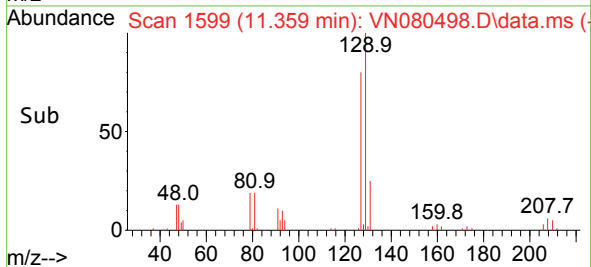
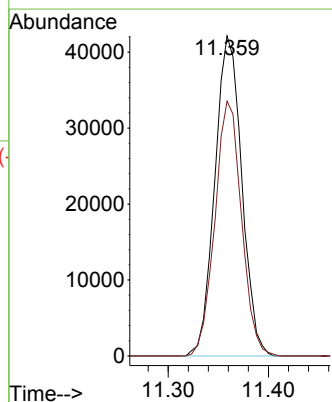
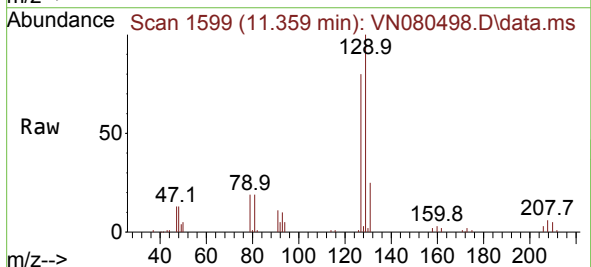
Instrument :
MSVOA_N
ClientSampleId :

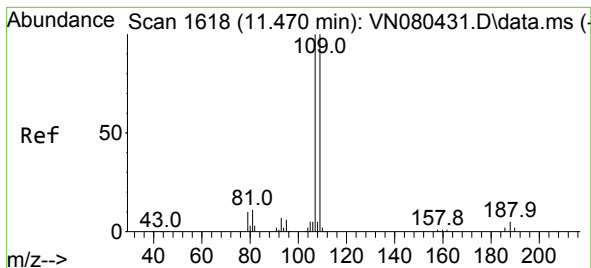
Tgt Ion: 43 Resp: 223002
Ion Ratio Lower Upper
43 100
58 61.5 31.7 95.1



#60
Dibromochloromethane
Concen: 20.620 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 129 Resp: 78552
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

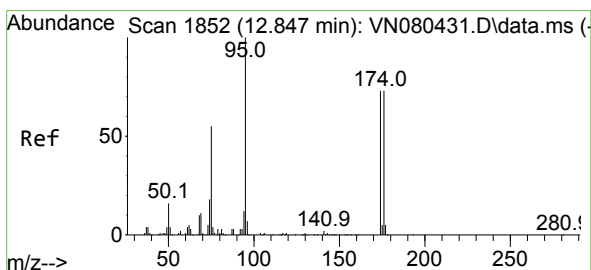
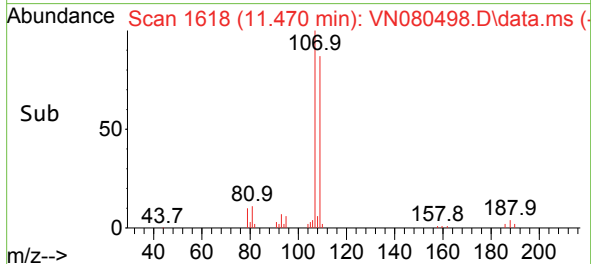
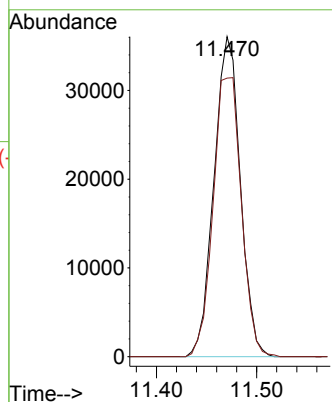
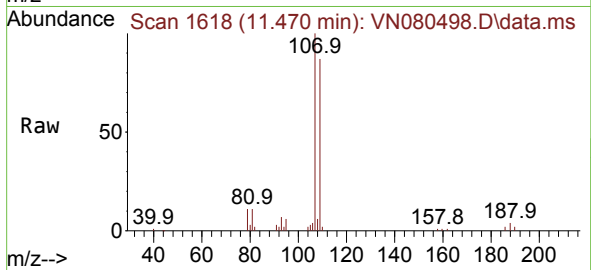




#61
1,2-Dibromoethane
Concen: 19.767 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

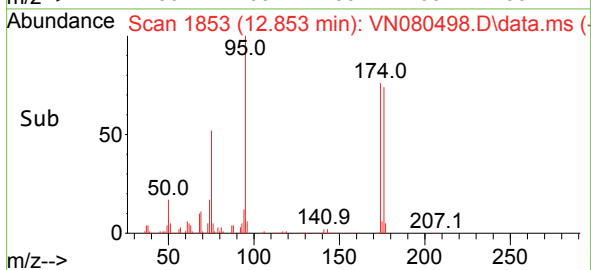
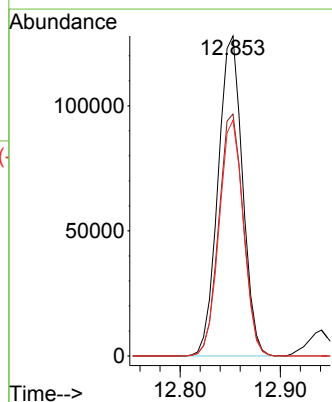
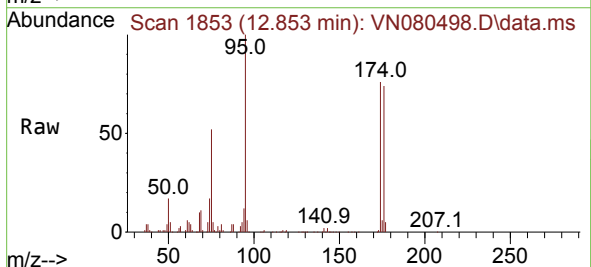
Instrument :
MSVOA_N
ClientSampleId :

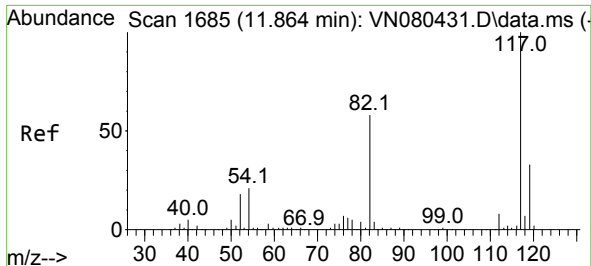
Tgt Ion:107 Resp: 65771
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.021 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 95 Resp: 216439
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.1 0.0 135.8

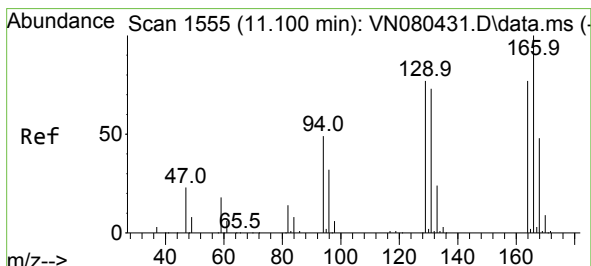
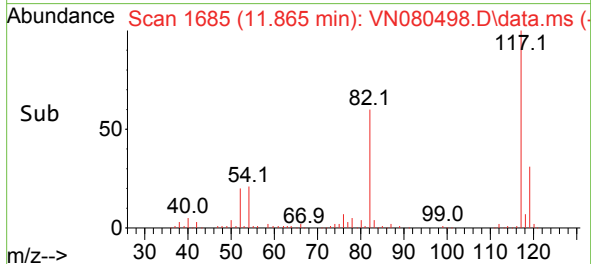
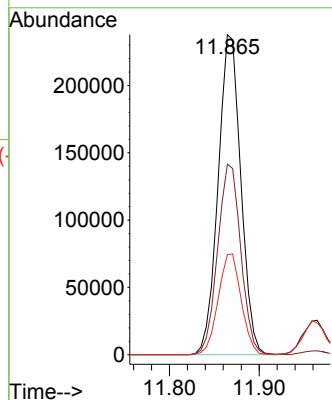
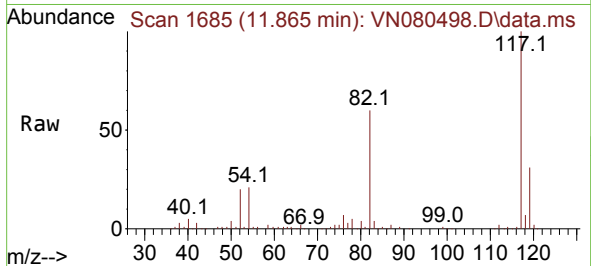




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

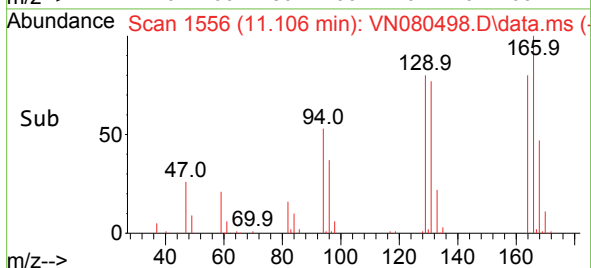
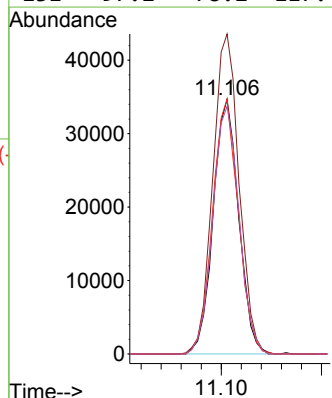
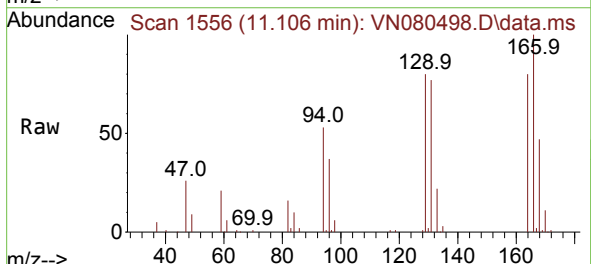
Instrument :
MSVOA_N
ClientSampleId :

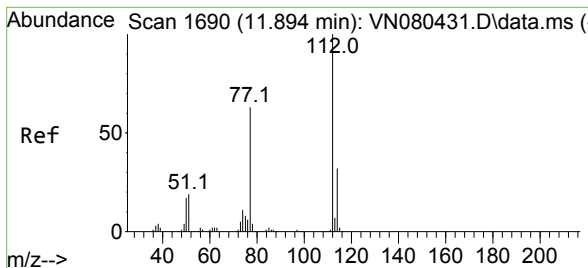
Tgt Ion:117 Resp: 417766
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 18.920 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:164 Resp: 61026
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 100.2 82.4 123.6
131 97.2 78.2 117.4





#65

Chlorobenzene

Concen: 19.809 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

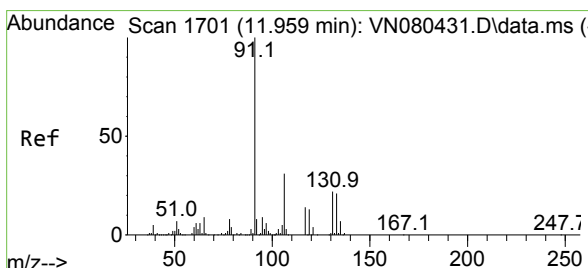
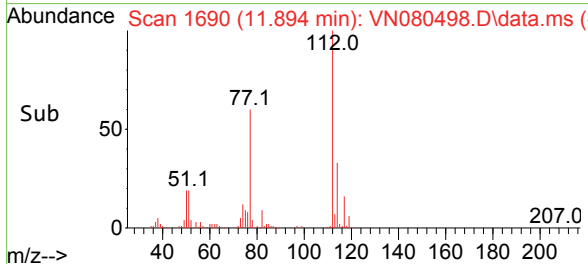
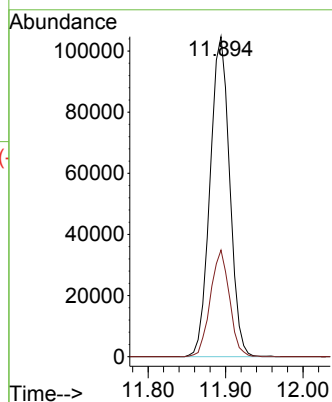
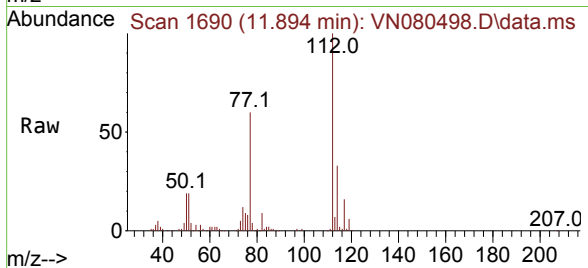
ClientSampleId :

Tgt Ion:112 Resp: 184095

Ion Ratio Lower Upper

112 100

114 33.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.997 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

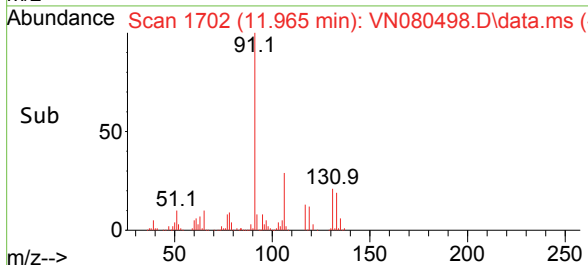
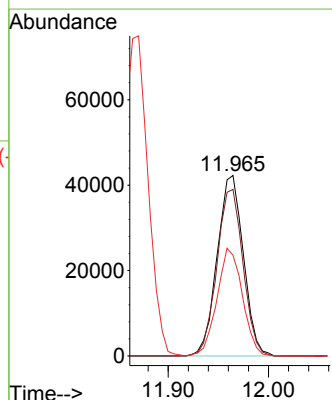
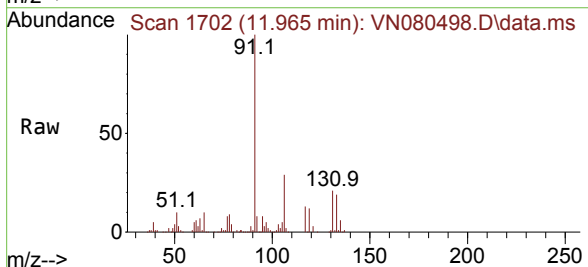
Tgt Ion:131 Resp: 76568

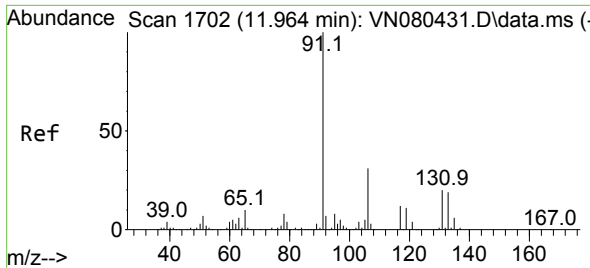
Ion Ratio Lower Upper

131 100

133 92.0 46.4 139.1

119 57.9 34.1 102.2

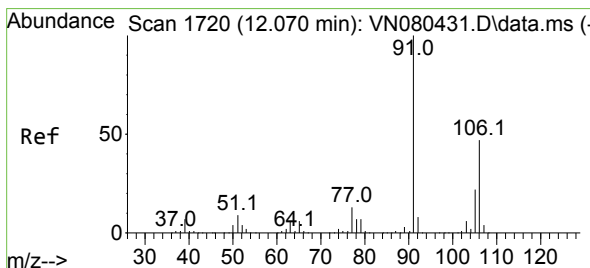
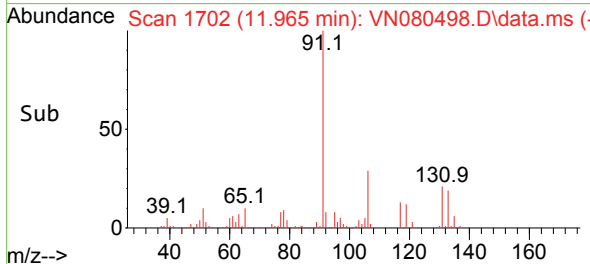
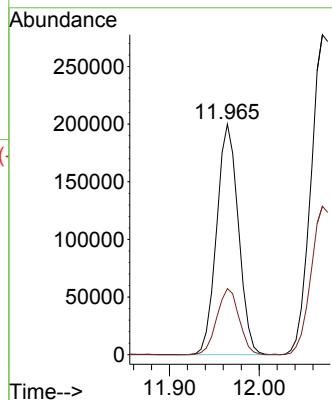
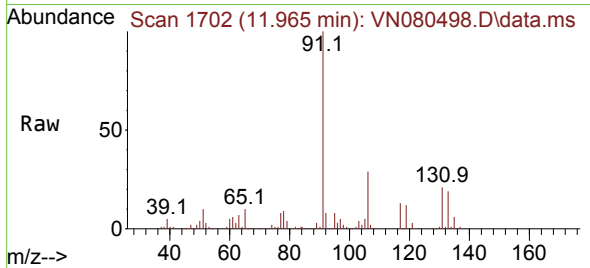




#67
Ethyl Benzene
Concen: 19.679 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

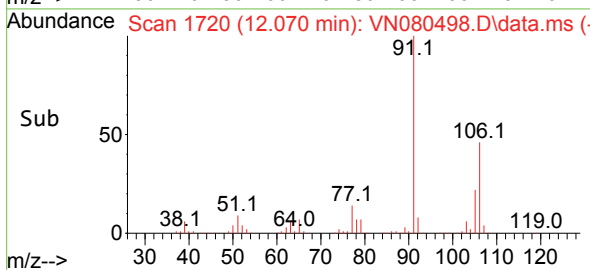
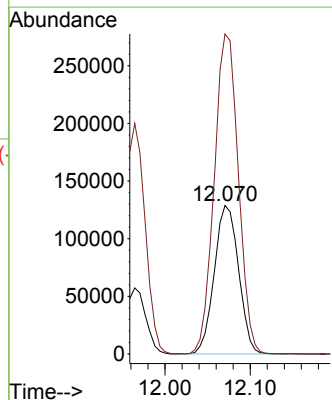
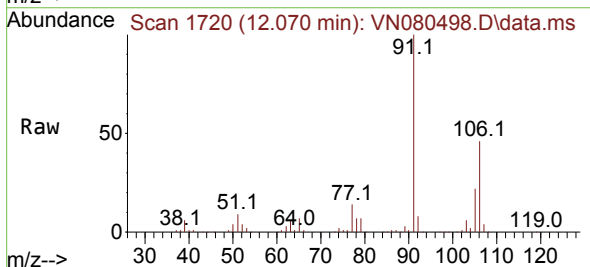
Instrument :
MSVOA_N
ClientSampleId :

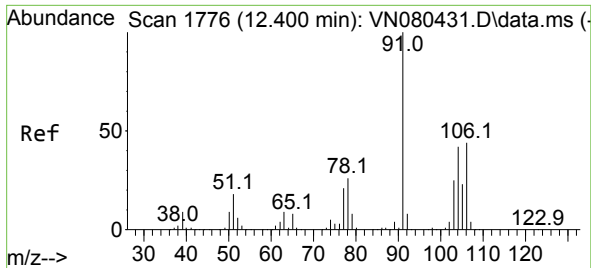
Tgt Ion: 91 Resp: 336271
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4



#68
m/p-Xylenes
Concen: 40.439 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:106 Resp: 255346
Ion Ratio Lower Upper
106 100
91 214.4 159.6 239.4

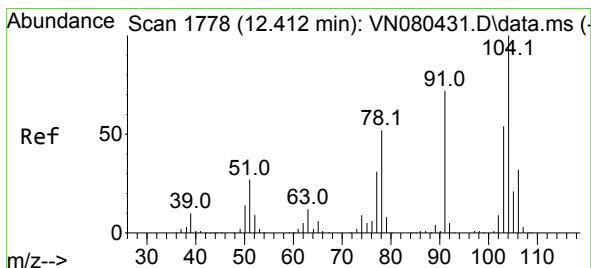
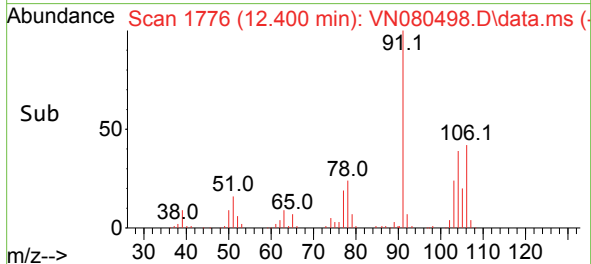
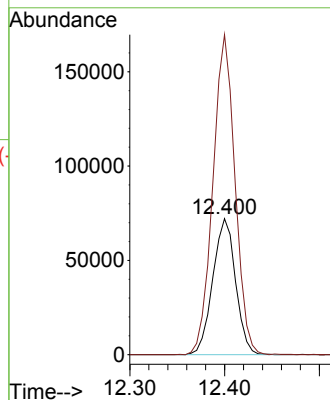
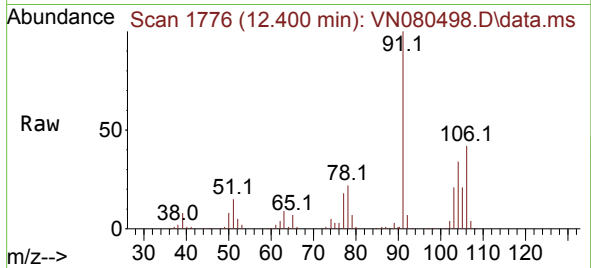




#69
o-Xylene
Concen: 19.459 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

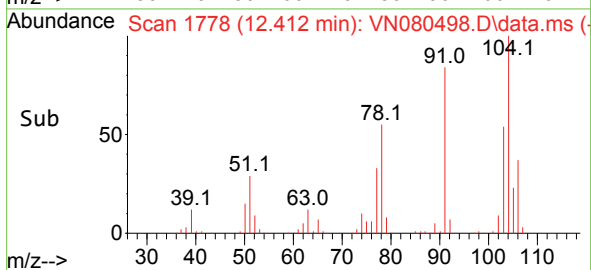
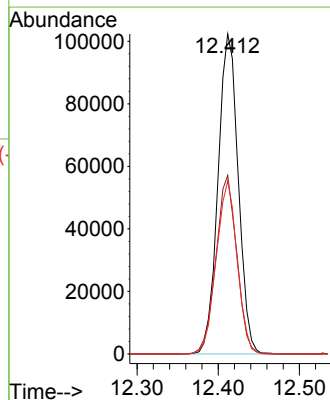
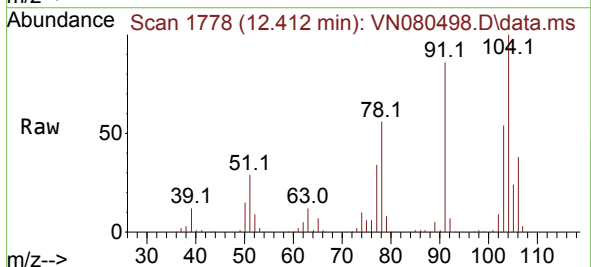
Instrument :
MSVOA_N
ClientSampleId :

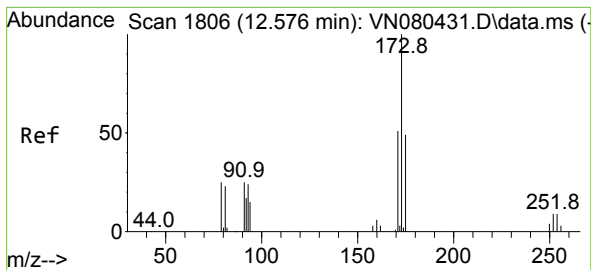
Tgt Ion:106 Resp: 120181
Ion Ratio Lower Upper
106 100
91 228.8 105.2 315.5



#70
Styrene
Concen: 19.941 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:104 Resp: 177406
Ion Ratio Lower Upper
104 100
78 57.4 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 19.444 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

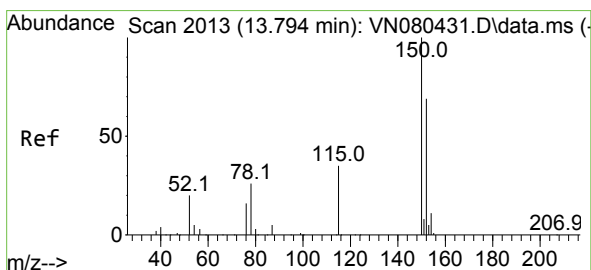
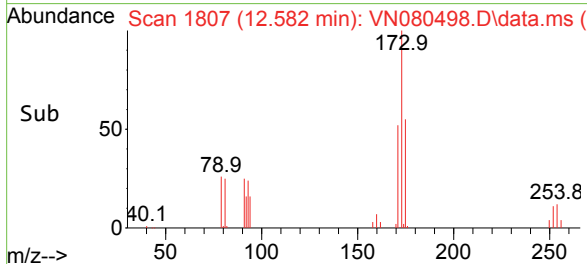
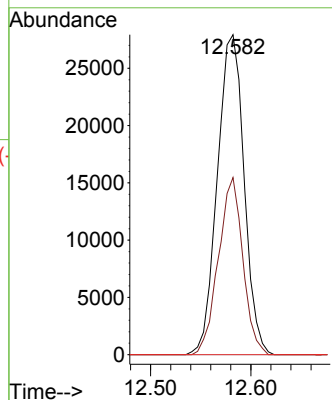
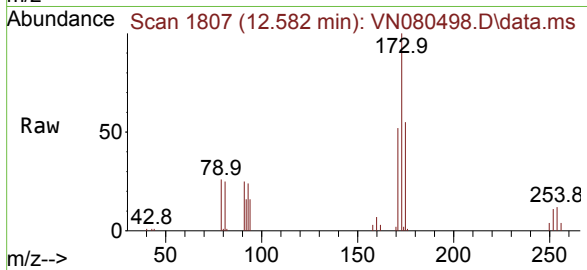
Tgt Ion:173 Resp: 51706

Ion Ratio Lower Upper

173 100

175 50.6 24.3 73.0

254 0.0 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: VN080498.D

Acq: 15 Dec 2023 13:03

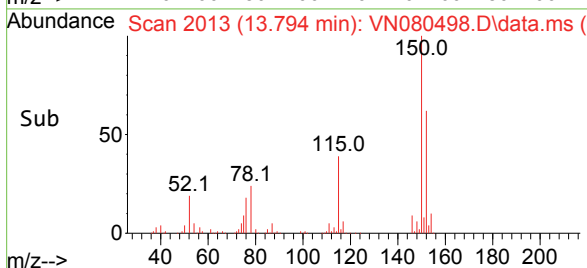
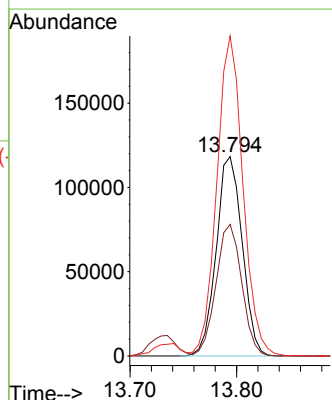
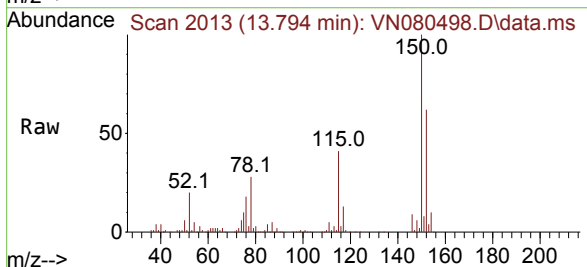
Tgt Ion:152 Resp: 200148

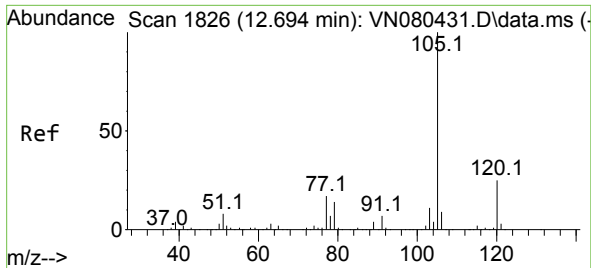
Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 161.8 0.0 355.8

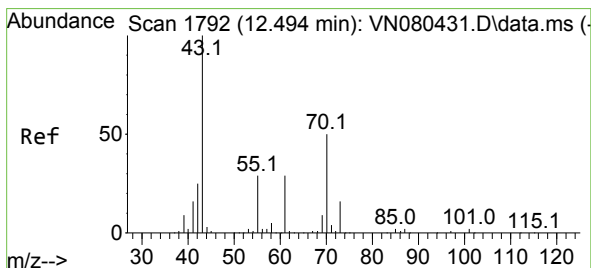
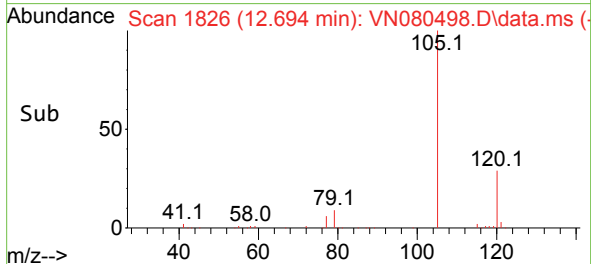
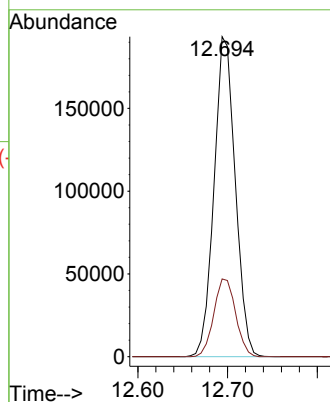
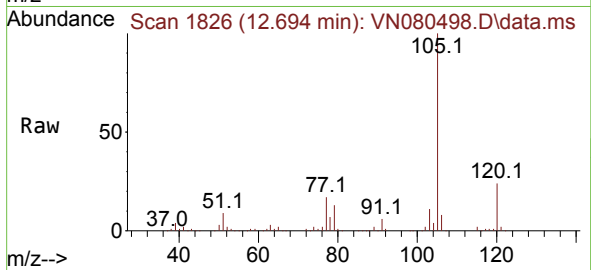




#73
Isopropylbenzene
Concen: 19.725 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

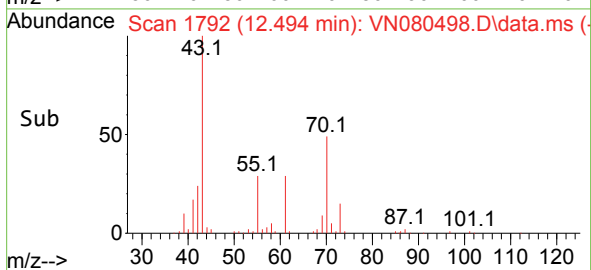
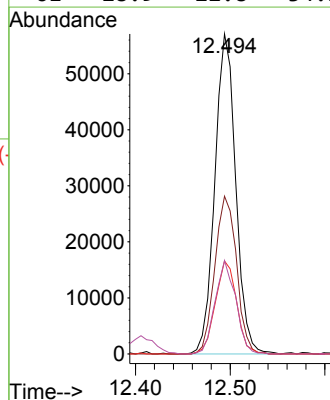
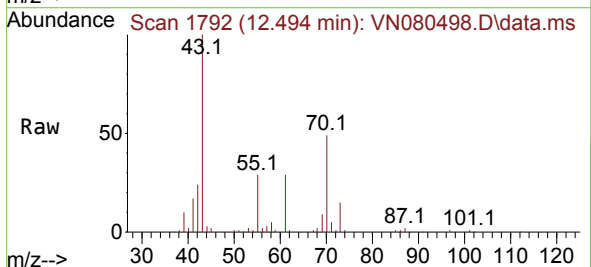
Instrument :
MSVOA_N
ClientSampleId :

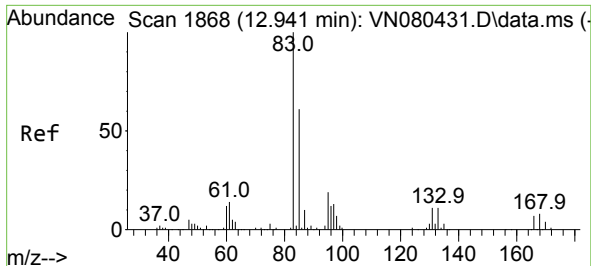
Tgt Ion:105 Resp: 317147
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#74
N-ethyl acetate
Concen: 18.640 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 43 Resp: 87517
Ion Ratio Lower Upper
43 100
70 51.3 43.4 65.2
55 29.6 21.4 32.0
61 28.9 22.8 34.2

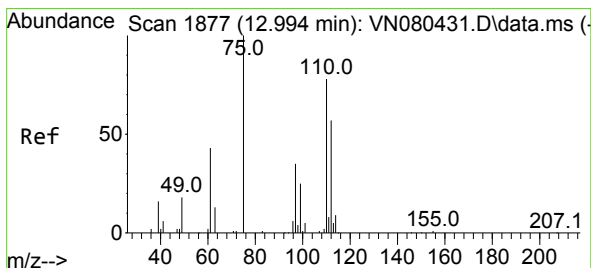
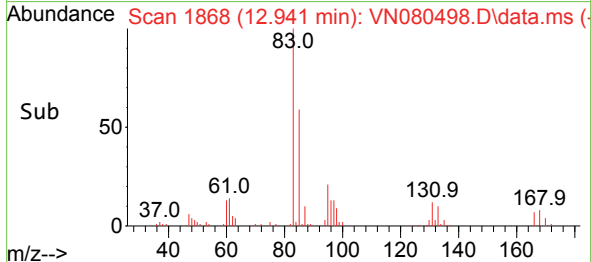
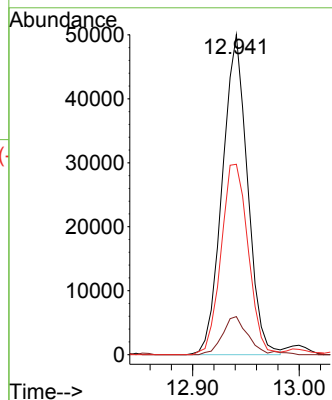
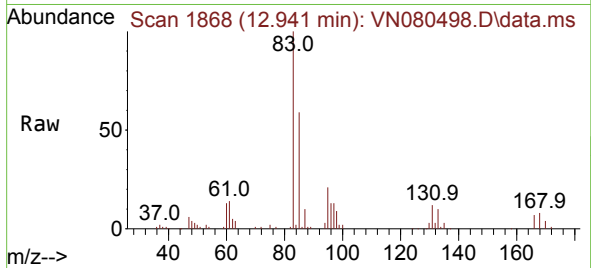




#75
1,1,2,2-Tetrachloroethane
Concen: 19.033 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

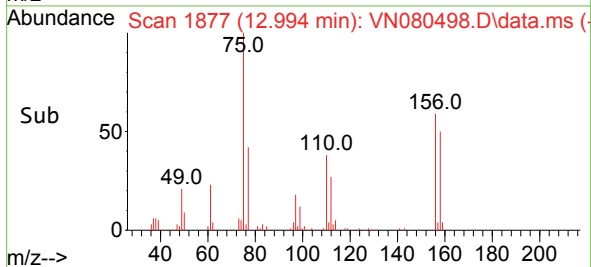
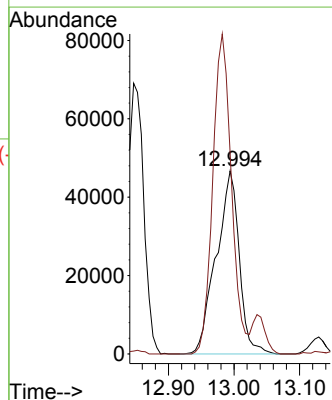
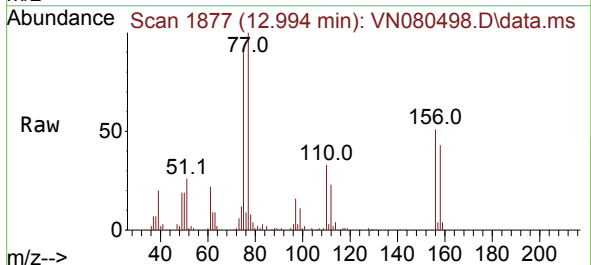
Instrument :
MSVOA_N
ClientSampleId :

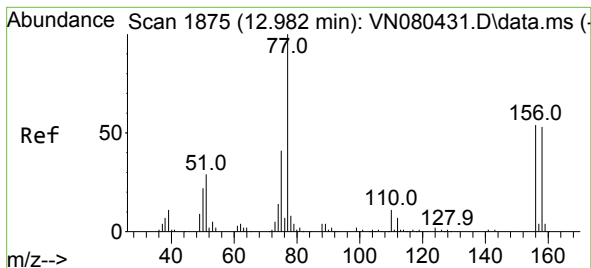
Tgt Ion:	83	Resp:	82003
Ion Ratio	Lower	Upper	
83	100		
131	12.4	5.0	15.0
85	64.1	31.9	95.7



#76
1,2,3-Trichloropropane
Concen: 28.457 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:	75	Resp:	113627
Ion Ratio	Lower	Upper	
75	100		
77	142.5	84.5	253.5





#77

Bromobenzene

Concen: 19.502 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080498.D

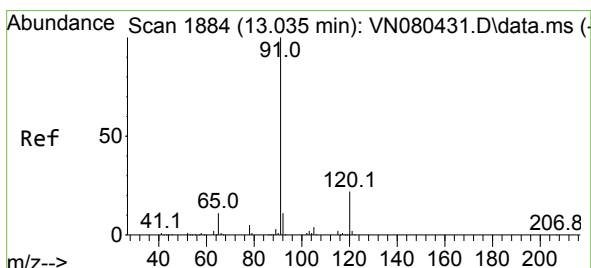
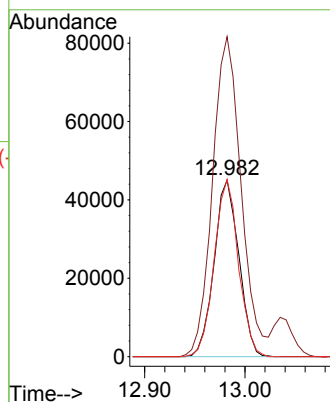
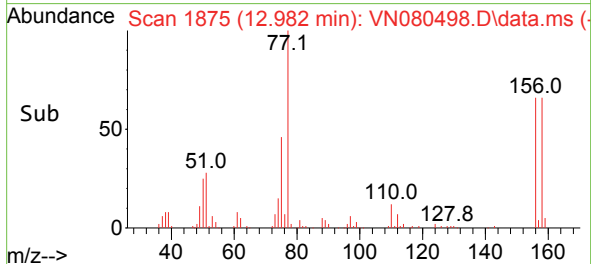
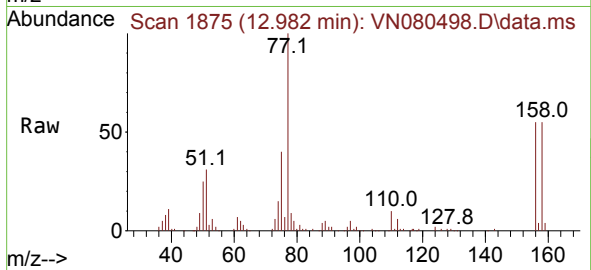
Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	77134
Ion Ratio	Lower	Upper	
156	100		
77	210.0	107.7	323.3
158	98.6	48.4	145.3



#78

n-propylbenzene

Concen: 19.984 ug/l

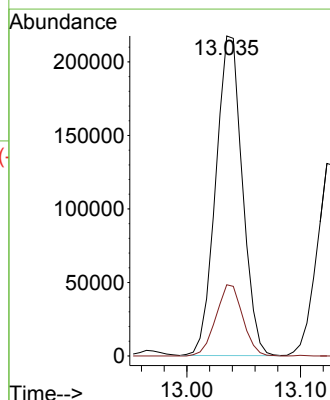
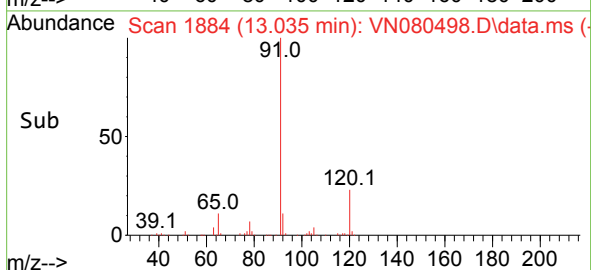
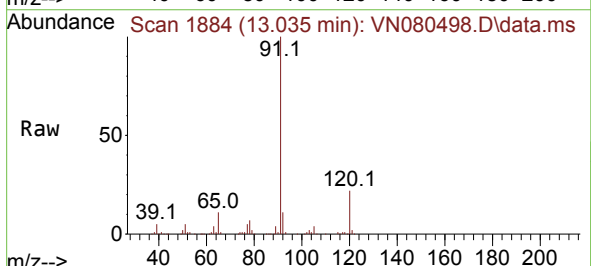
RT: 13.035 min Scan# 1884

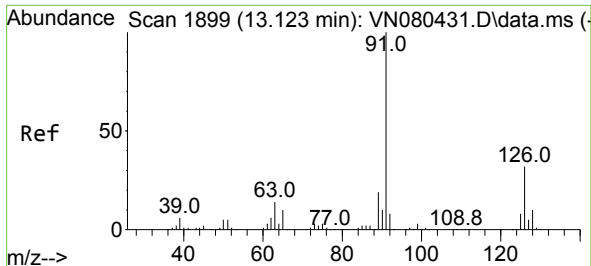
Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Tgt Ion:	91	Resp:	354270
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4

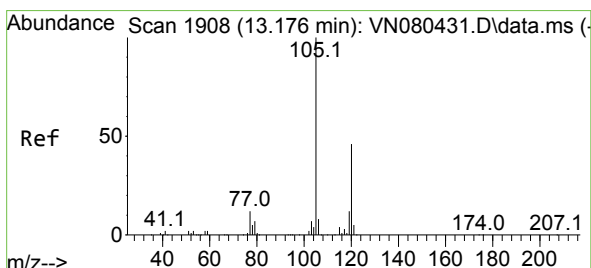
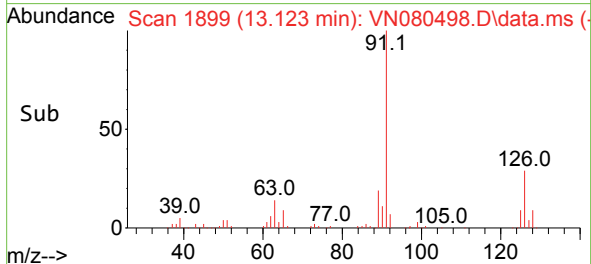
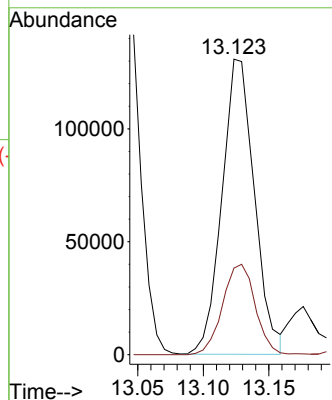
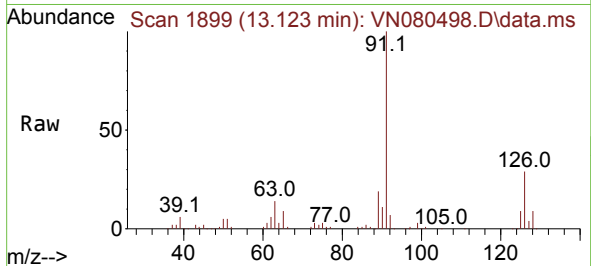




#79
2-Chlorotoluene
Concen: 19.450 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

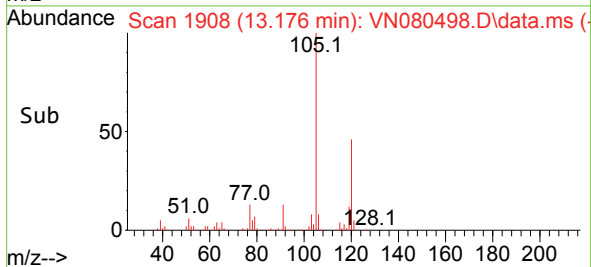
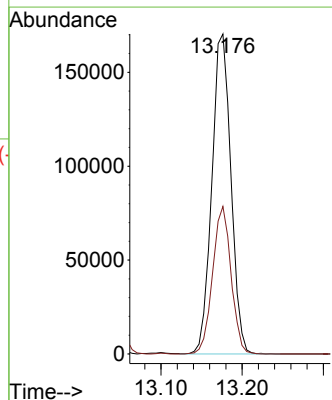
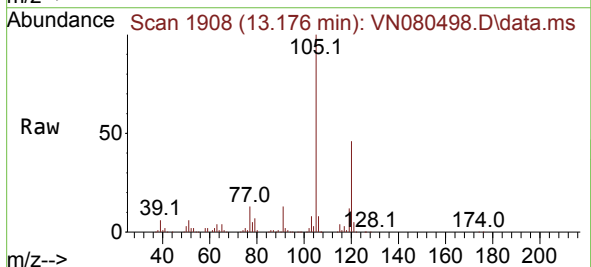
Instrument :
MSVOA_N
ClientSampleId :

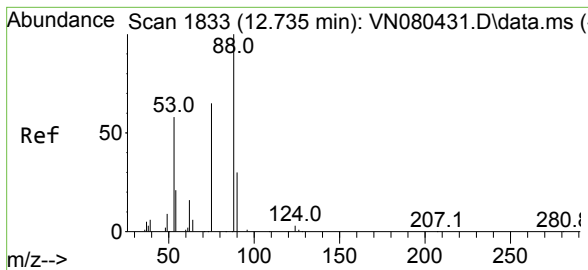
Tgt Ion: 91 Resp: 225107
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.070 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 105 Resp: 277915
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3

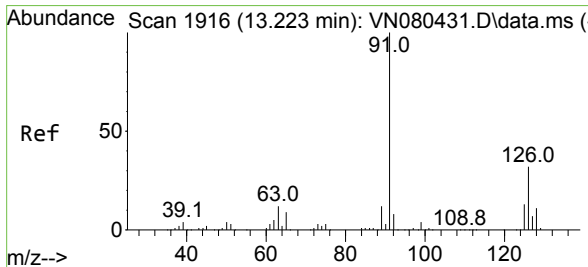
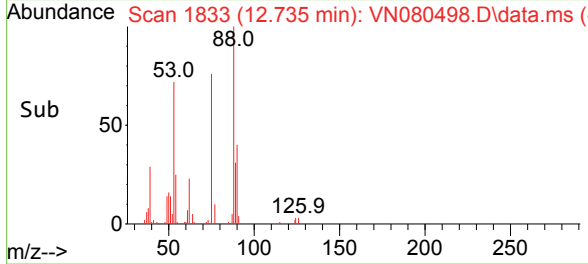
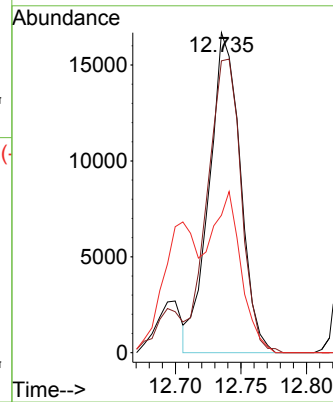
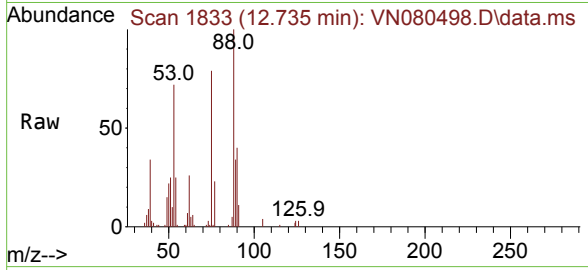




#81
trans-1,4-Dichloro-2-butene
Concen: 18.094 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

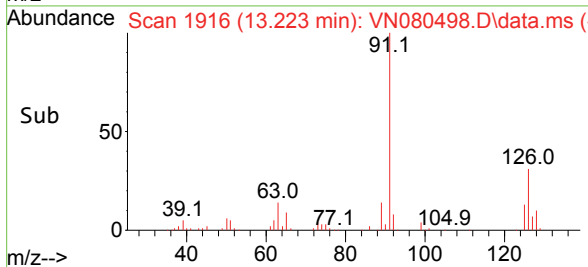
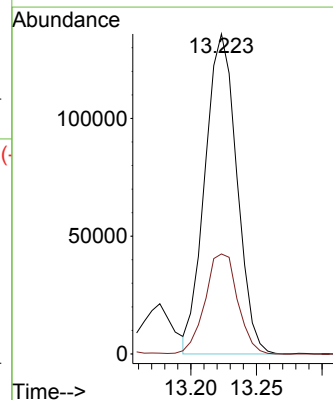
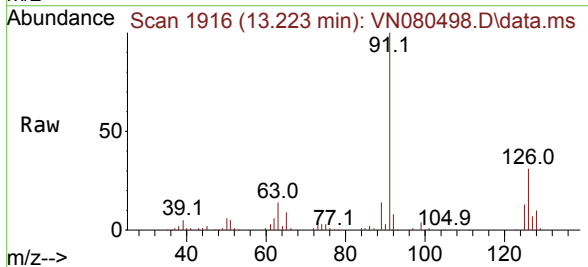
Instrument :
MSVOA_N
ClientSampleId :

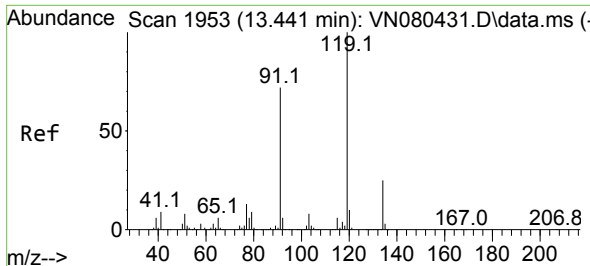
Tgt Ion: 75 Resp: 27516
Ion Ratio Lower Upper
75 100
53 99.4 67.4 101.2
89 43.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.327 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion: 91 Resp: 229912
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0

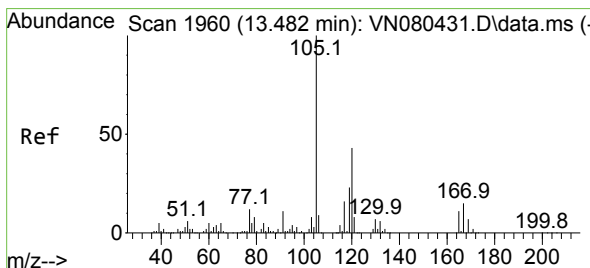
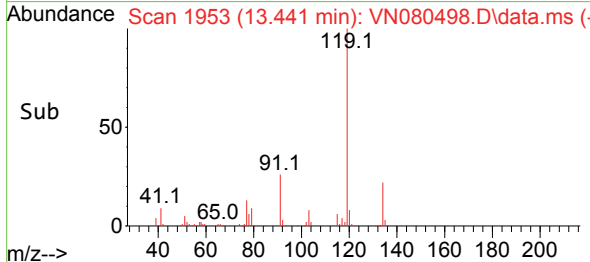
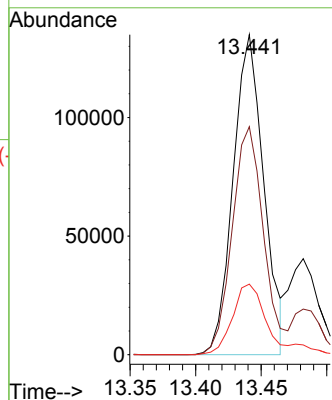
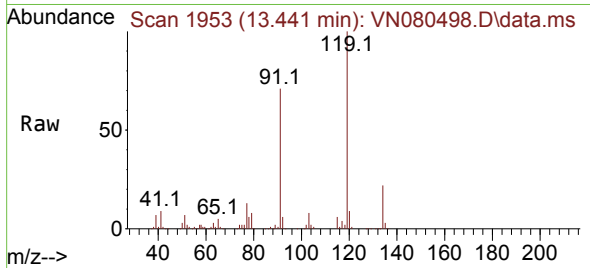




#83
tert-Butylbenzene
Concen: 19.346 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

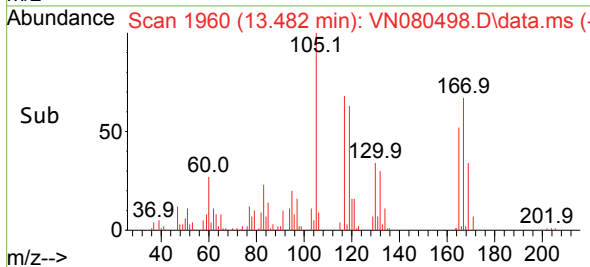
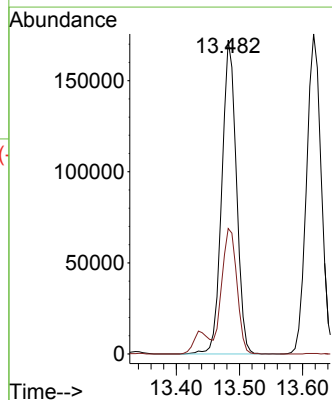
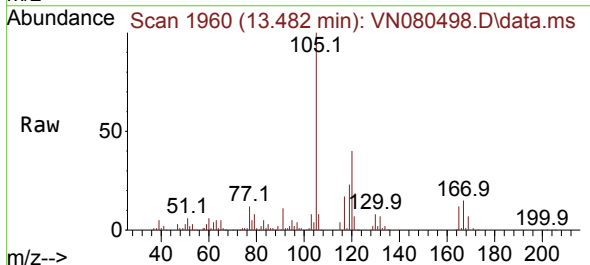
Instrument :
MSVOA_N
ClientSampleId :

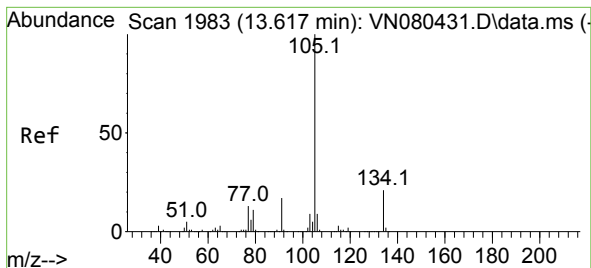
Tgt Ion:119 Resp: 219400
Ion Ratio Lower Upper
119 100
91 73.5 33.9 101.7
134 25.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.000 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080498.D
Acq: 15 Dec 2023 13:03

Tgt Ion:105 Resp: 275513
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.492 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

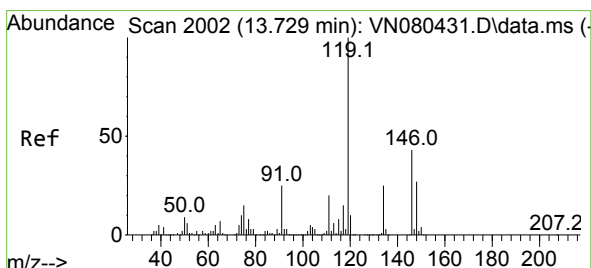
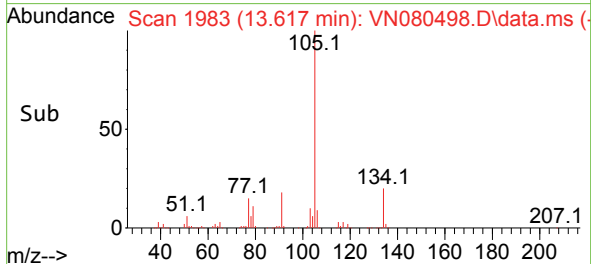
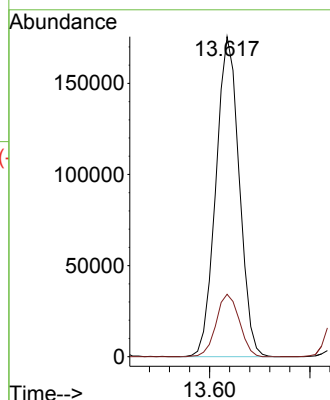
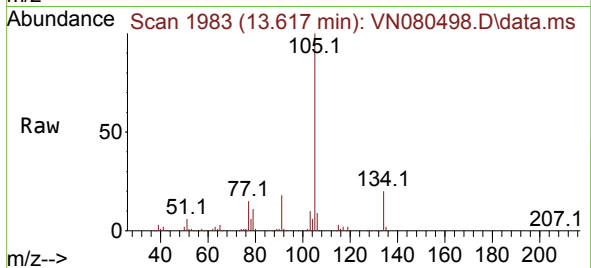
ClientSampleId :

Tgt Ion:105 Resp: 282773

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.578 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

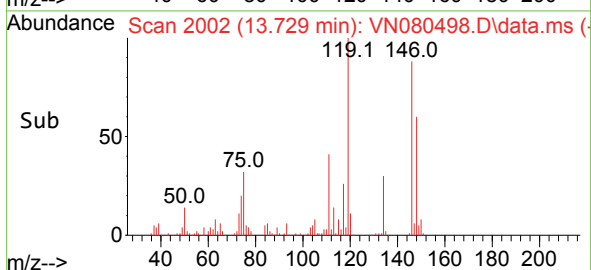
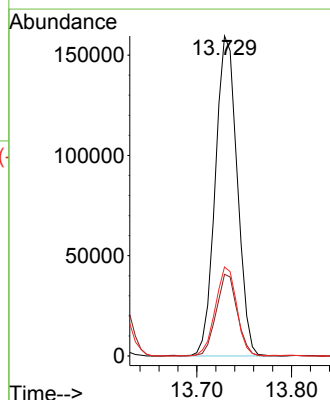
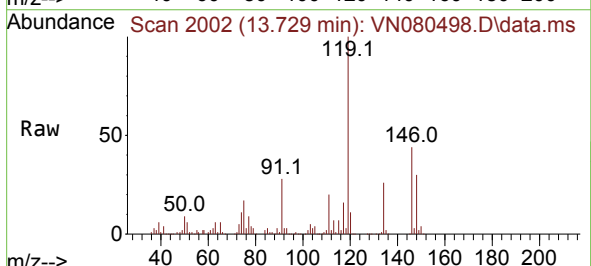
Tgt Ion:119 Resp: 256451

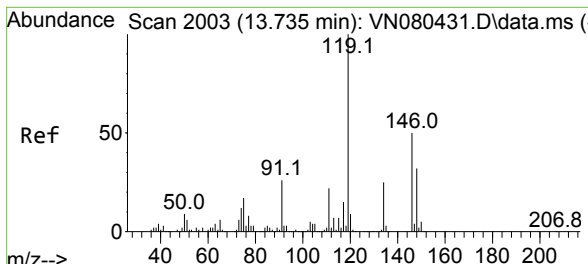
Ion Ratio Lower Upper

119 100

134 24.4 12.6 37.8

91 27.2 12.4 37.2

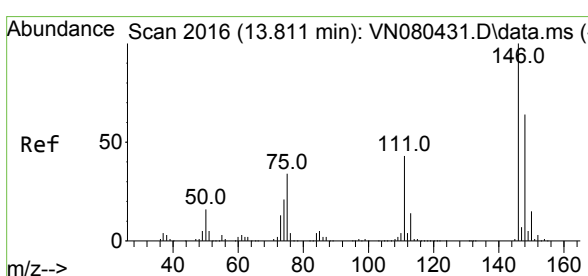
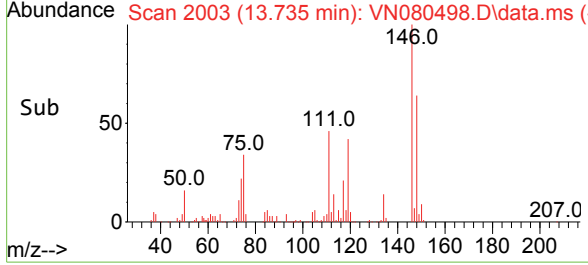
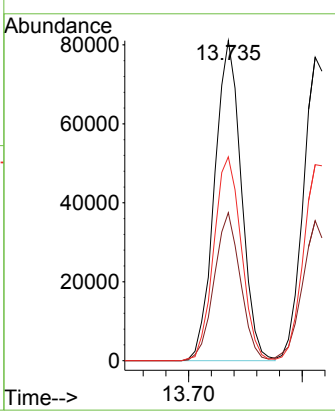
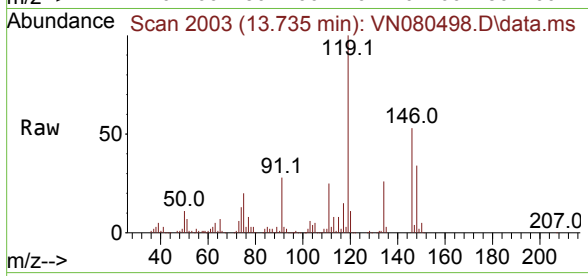




#87
 1,3-Dichlorobenzene
 Concen: 19.023 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

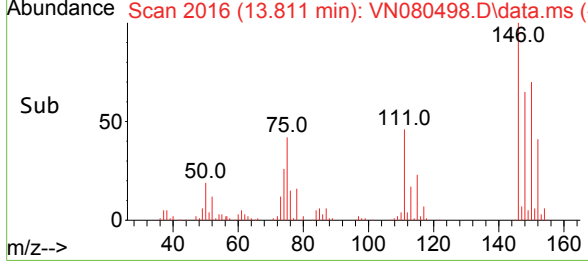
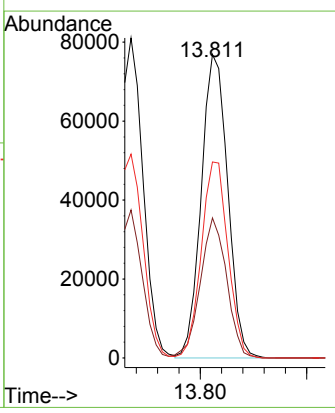
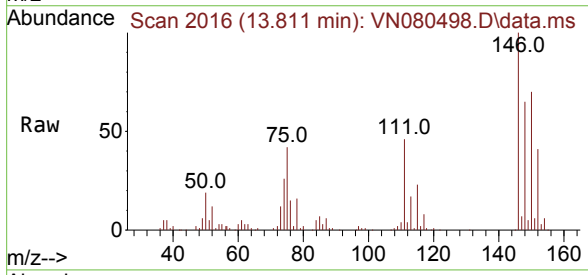
Instrument :
 MSVOA_N
 ClientSampleId :

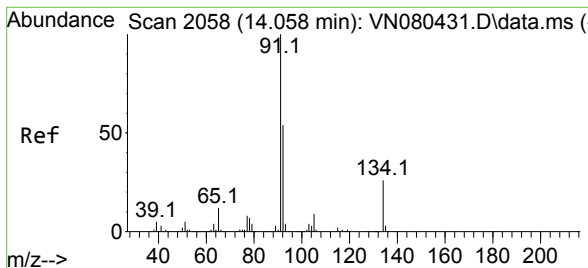
Tgt Ion:	146	Resp:	132565
Ion Ratio	Lower	Upper	
146	100		
111	45.3	22.1	66.3
148	65.5	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.878 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

Tgt Ion:	146	Resp:	132796
Ion Ratio	Lower	Upper	
146	100		
111	46.0	20.6	61.8
148	65.1	31.6	94.8





#89

n-Butylbenzene

Concen: 19.294 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

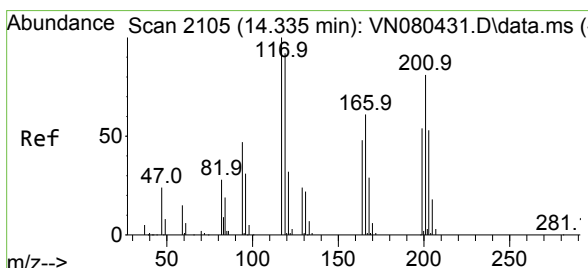
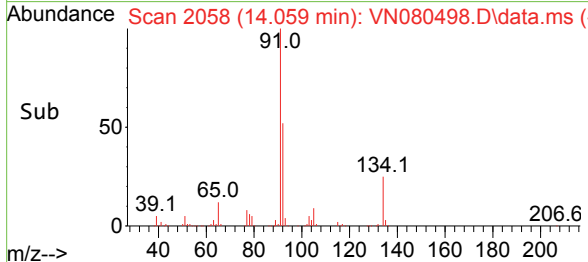
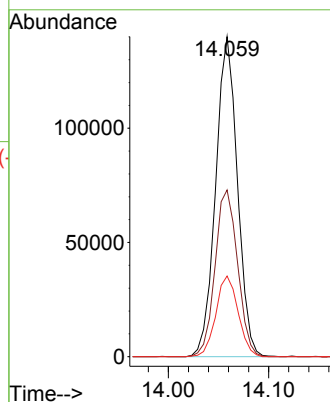
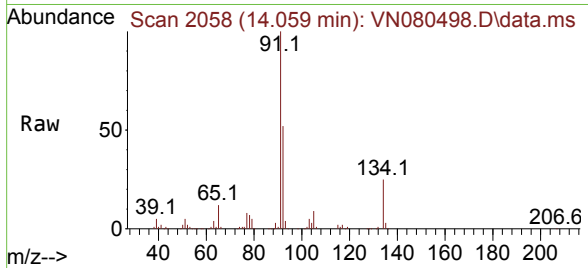
Tgt Ion: 91 Resp: 211059

Ion Ratio Lower Upper

91 100

92 53.9 26.4 79.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 19.863 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080498.D

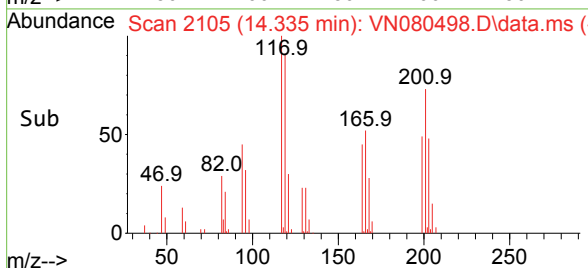
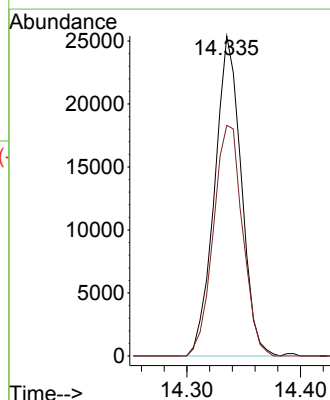
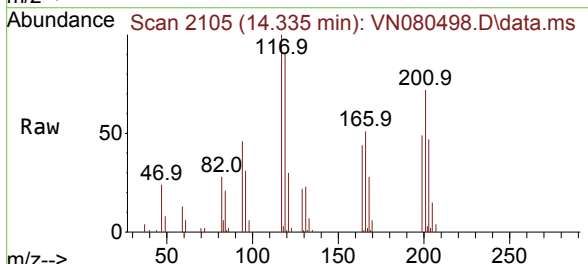
Acq: 15 Dec 2023 13:03

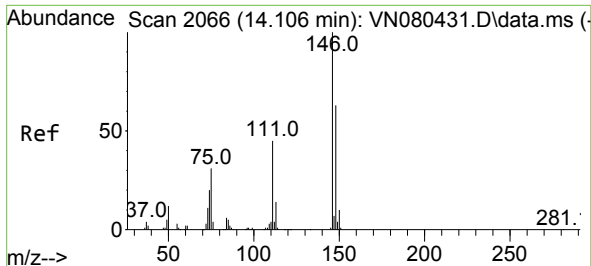
Tgt Ion: 117 Resp: 41321

Ion Ratio Lower Upper

117 100

201 79.2 29.3 88.0

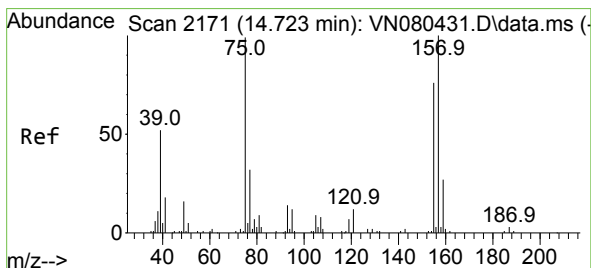
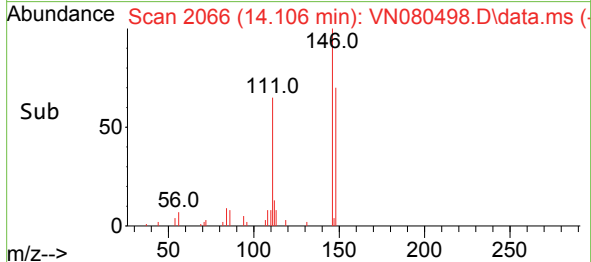
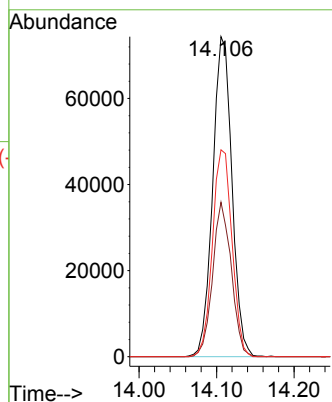
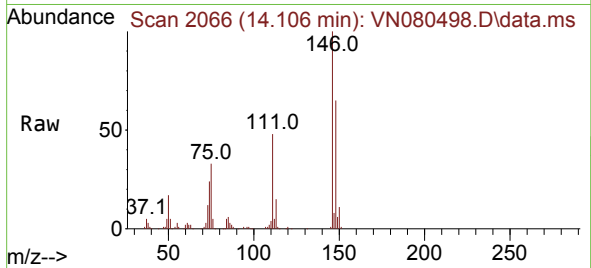




#91
 1,2-Dichlorobenzene
 Concen: 19.389 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

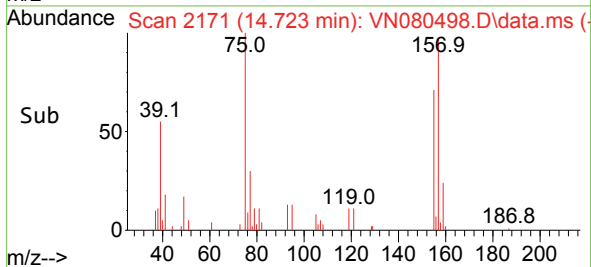
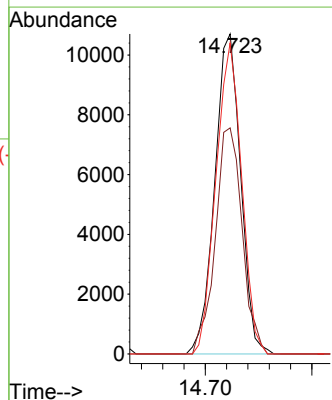
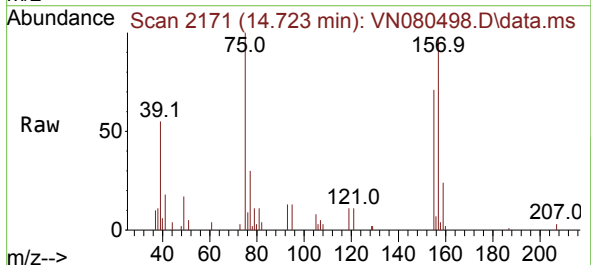
Instrument :
 MSVOA_N
 ClientSampleId :

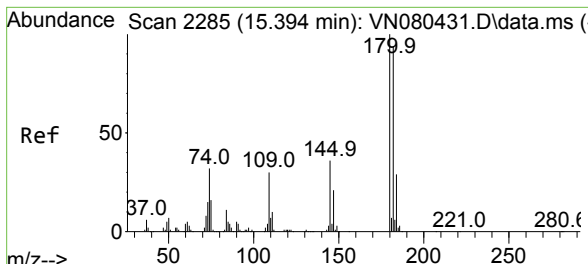
Tgt Ion:146 Resp: 128304
 Ion Ratio Lower Upper
 146 100
 111 46.7 22.0 66.0
 148 65.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.893 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

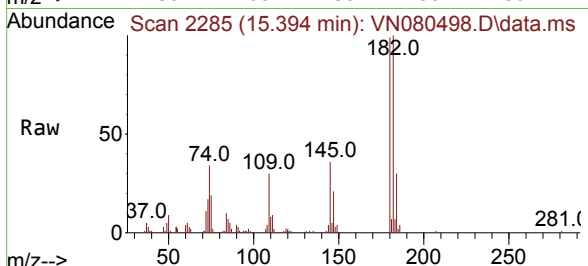
Tgt Ion: 75 Resp: 18028
 Ion Ratio Lower Upper
 75 100
 155 73.4 39.1 117.2
 157 96.5 50.3 150.9



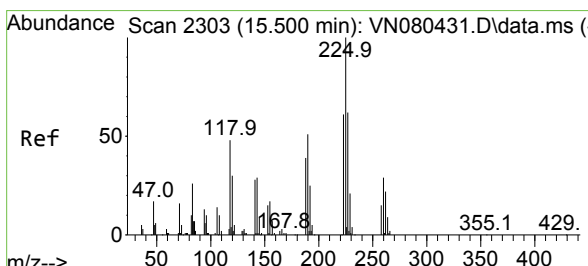
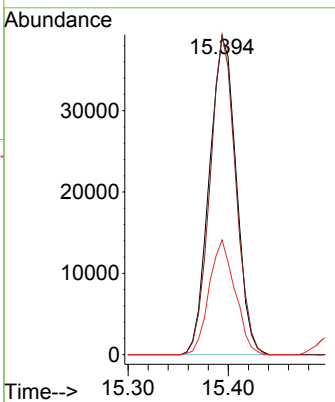
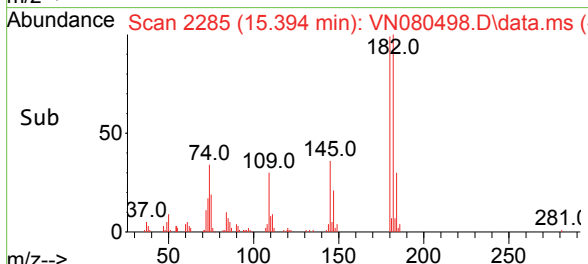


#93
 1,2,4-Trichlorobenzene
 Concen: 19.762 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

Instrument :
 MSVOA_N
 ClientSampleId :

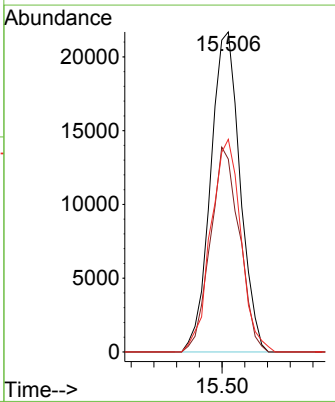
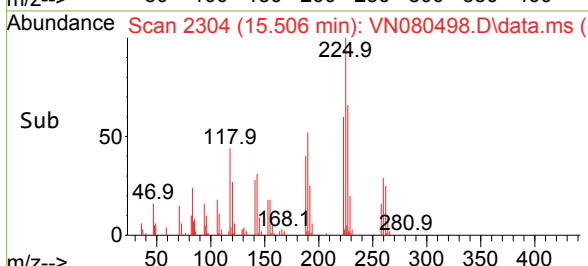
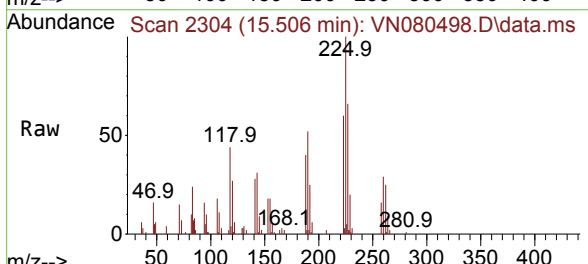


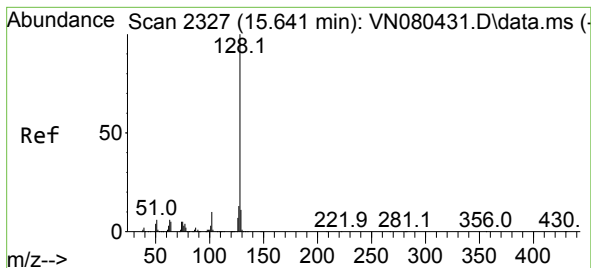
Tgt Ion:	180	Resp:	72607
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.1	138.2
145	34.9	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 18.656 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080498.D
 Acq: 15 Dec 2023 13:03

Tgt Ion:	225	Resp:	39023
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.3	93.8
227	67.9	31.9	95.9





#95

Naphthalene

Concen: 19.049 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

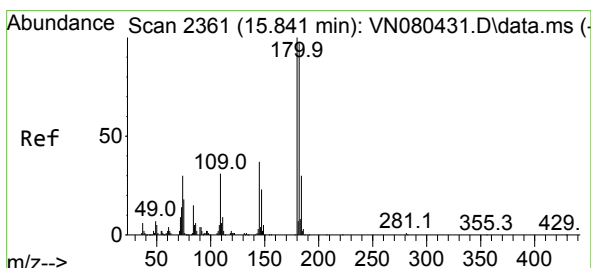
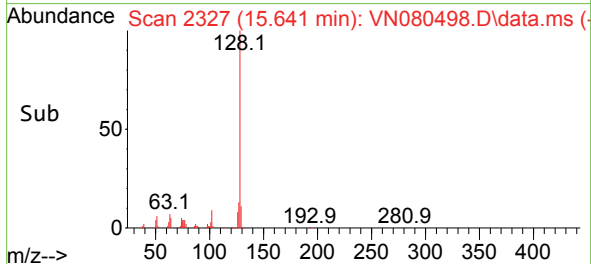
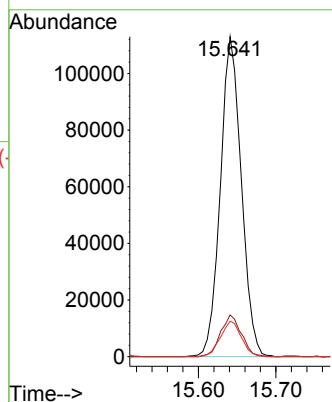
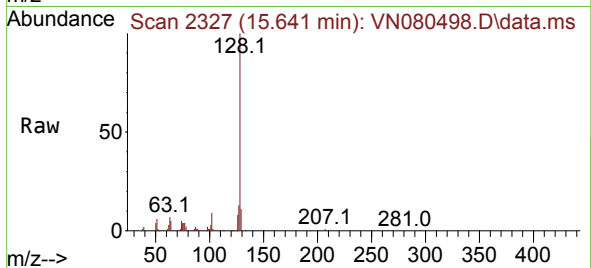
Tgt Ion:128 Resp: 212523

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.760 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080498.D

Acq: 15 Dec 2023 13:03

Tgt Ion:180 Resp: 70059

Ion Ratio Lower Upper

180 100

182 93.9 46.2 138.6

145 35.2 17.5 52.6

