

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080481.D
 Acq On : 14 Dec 2023 14:11
 Operator : JC\MD
 Sample : VN1214WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 00:26:15 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	8.224	168	236503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169303	56.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.100%	
35) Dibromofluoromethane	8.165	113	127076	53.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.565	98	444030	49.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.847	95	165260	48.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53002	17.537	ug/l	96
3) Chloromethane	2.359	50	52892	16.446	ug/l	97
4) Vinyl Chloride	2.512	62	42059	16.295	ug/l	92
5) Bromomethane	2.965	94	21500	18.476	ug/l	100
6) Chloroethane	3.124	64	29075	17.530	ug/l #	85
7) Trichlorofluoromethane	3.500	101	94229	18.000	ug/l	90
8) Diethyl Ether	3.959	74	31156	18.895	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	45886	18.493	ug/l	96
10) Methyl Iodide	4.589	142	35509	16.269	ug/l #	96
11) Tert butyl alcohol	5.506	59	31629	88.907	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	43512	17.114	ug/l	92
13) Acrolein	4.177	56	33877	86.953	ug/l	97
14) Allyl chloride	5.024	41	54624	17.365	ug/l	95
15) Acrylonitrile	5.712	53	97036	96.534	ug/l	98
16) Acetone	4.418	43	65409	122.122	ug/l	90
17) Carbon Disulfide	4.718	76	116269	16.137	ug/l	96
18) Methyl Acetate	5.018	43	66720	19.360	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	165887	19.556	ug/l	96
20) Methylene Chloride	5.271	84	54170	18.899	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	49905	18.103	ug/l	93
22) Diisopropyl ether	6.671	45	132148	19.464	ug/l	97
23) Vinyl Acetate	6.600	43	354854	91.004	ug/l	95
24) 1,1-Dichloroethane	6.565	63	90212	19.045	ug/l	98
25) 2-Butanone	7.483	43	109290	105.922	ug/l	91
26) 2,2-Dichloropropane	7.483	77	89415	18.460	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	58106	18.621	ug/l	89
28) Bromochloromethane	7.812	49	34386	18.907	ug/l	97
29) Tetrahydrofuran	7.835	42	68475	92.678	ug/l	95
30) Chloroform	7.965	83	103574	19.699	ug/l	93
31) Cyclohexane	8.259	56	67390	16.405	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	97412	18.922	ug/l	97
36) 1,1-Dichloropropene	8.365	75	69701	17.806	ug/l	95
37) Ethyl Acetate	7.559	43	45940	18.742	ug/l	96
38) Carbon Tetrachloride	8.359	117	84093	17.979	ug/l	94
39) Methylcyclohexane	9.600	83	63439	15.601	ug/l	94
40) Benzene	8.606	78	208453	18.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25506	18.049	ug/l	94
42) 1,2-Dichloroethane	8.671	62	87917	21.004	ug/l	98
43) Isopropyl Acetate	8.688	43	81638	18.523	ug/l	97
44) Trichloroethene	9.353	130	54258	17.806	ug/l	92
45) 1,2-Dichloropropane	9.624	63	49110	18.498	ug/l	95
46) Dibromomethane	9.706	93	37135	19.478	ug/l	90
47) Bromodichloromethane	9.888	83	83910	20.536	ug/l	100
48) Methyl methacrylate	9.682	41	48435	18.416	ug/l	92
49) 1,4-Dioxane	9.688	88	12970	325.345	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	233350	96.135	ug/l	99
52) Toluene	10.629	92	134088	18.778	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	85635	19.370	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	91107	19.281	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	50008	19.463	ug/l	96
56) Ethyl methacrylate	10.876	69	51974	18.271	ug/l	92
57) 1,3-Dichloropropane	11.165	76	86990	19.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197035	109.717	ug/l	99
59) 2-Hexanone	11.194	43	164840	91.989	ug/l	99
60) Dibromochloromethane	11.359	129	59841	19.654	ug/l	99
61) 1,2-Dibromoethane	11.471	107	52024	19.563	ug/l	97
64) Tetrachloroethene	11.106	164	46897	17.881	ug/l	90
65) Chlorobenzene	11.894	112	138088	18.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	56828	19.166	ug/l	93
67) Ethyl Benzene	11.965	91	240509	17.310	ug/l	97
68) m/p-Xylenes	12.070	106	182817	35.607	ug/l	90
69) o-Xylene	12.400	106	88983	17.719	ug/l	91
70) Styrene	12.412	104	131800	18.220	ug/l	94
71) Bromoform	12.582	173	39598	18.313	ug/l #	99
73) Isopropylbenzene	12.694	105	226678	17.818	ug/l	98
74) N-amyl acetate	12.494	43	63140	16.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	61589	18.067	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	87952	27.839	ug/l	74
77) Bromobenzene	12.982	156	57361	18.329	ug/l	96
78) n-propylbenzene	13.035	91	246659	17.585	ug/l	100
79) 2-Chlorotoluene	13.123	91	166011	18.128	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	195116	17.808	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21453	17.829	ug/l	91
82) 4-Chlorotoluene	13.223	91	165226	17.554	ug/l	97
83) tert-Butylbenzene	13.441	119	151861	16.924	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	197659	18.134	ug/l	97
85) sec-Butylbenzene	13.617	105	190605	16.605	ug/l	98
86) p-Isopropyltoluene	13.729	119	177289	17.106	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	96773	17.550	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100680	18.088	ug/l	97
89) n-Butylbenzene	14.059	91	139643	16.134	ug/l	99
90) Hexachloroethane	14.335	117	28445	17.281	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	96506	18.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14414	20.102	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	52325	17.999	ug/l	97
94) Hexachlorobutadiene	15.506	225	27117	16.385	ug/l	98
95) Naphthalene	15.641	128	158077	17.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50471	17.991	ug/l	96

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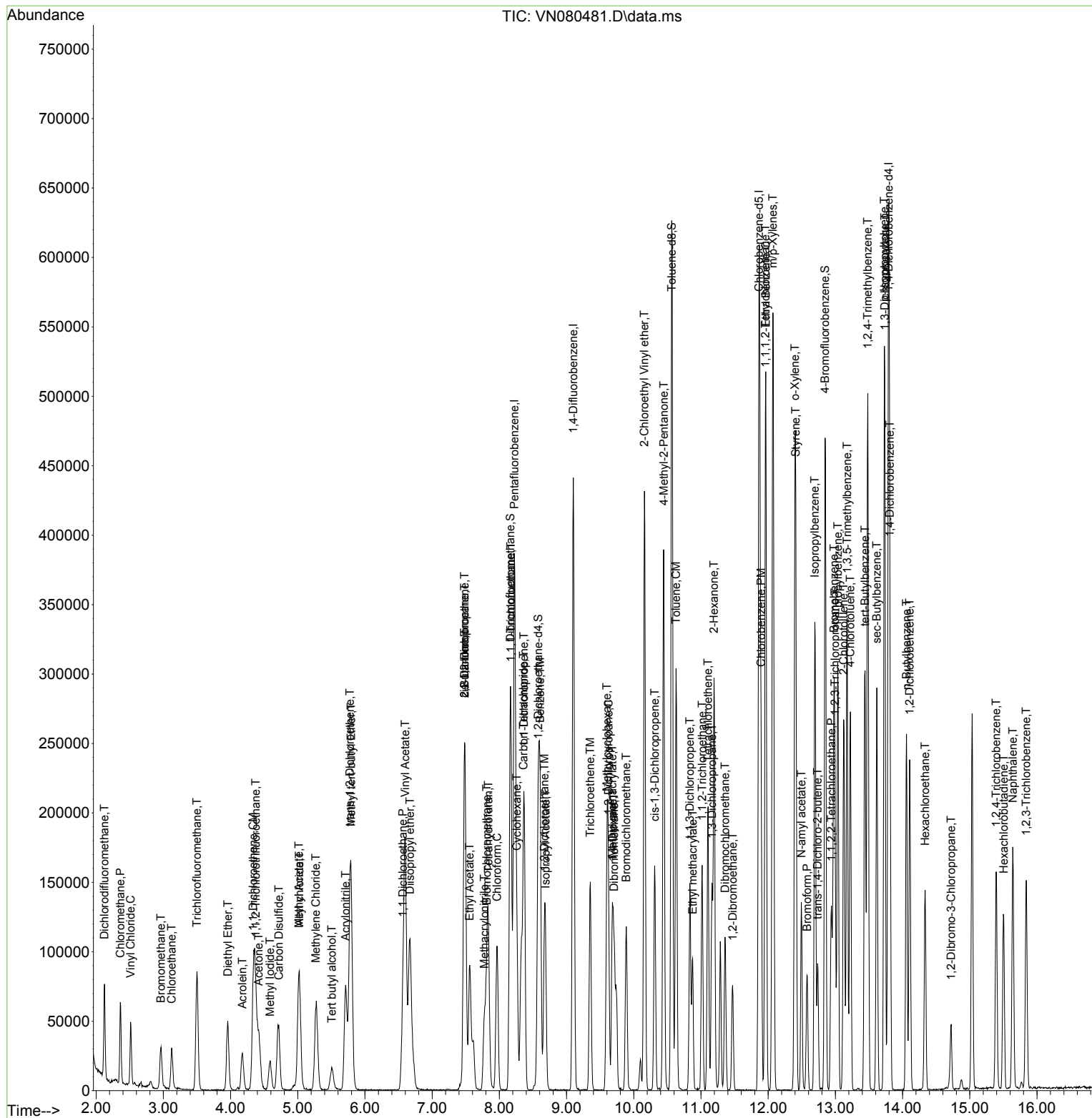
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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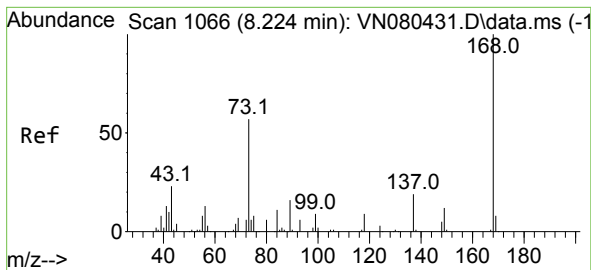
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

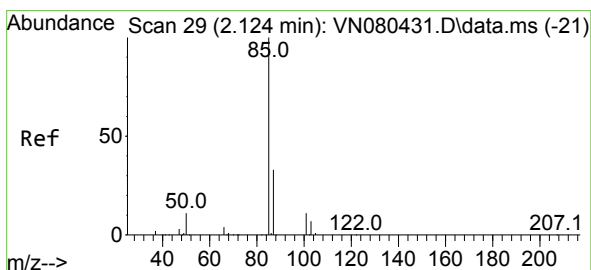
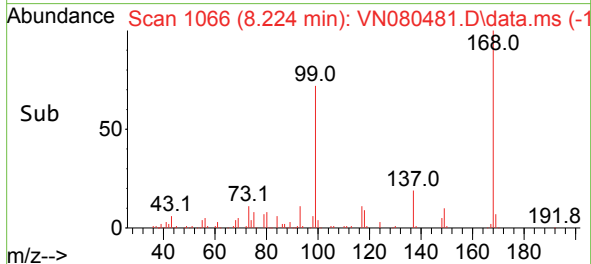
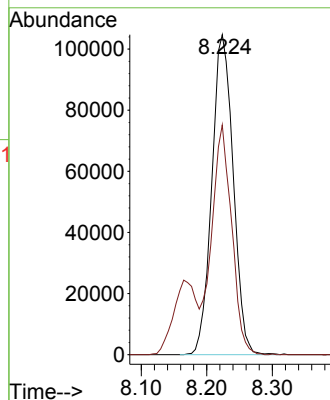
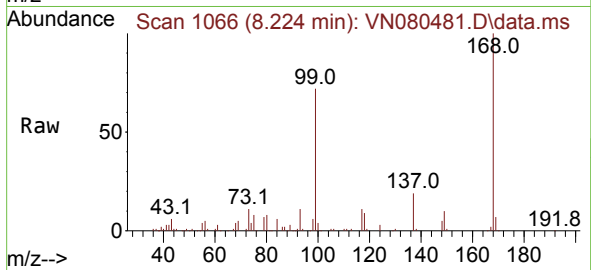
ClientSampleId :

Tgt Ion:168 Resp: 236503

Ion Ratio Lower Upper

168 100

99 71.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.537 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080481.D

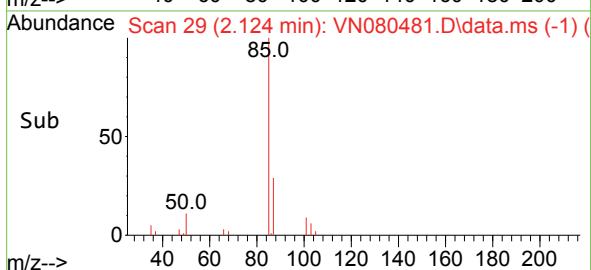
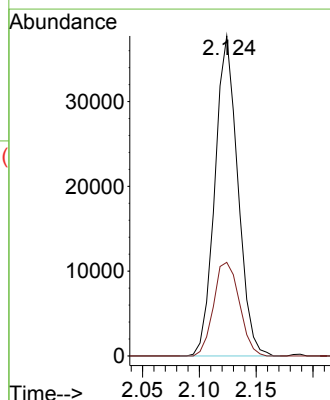
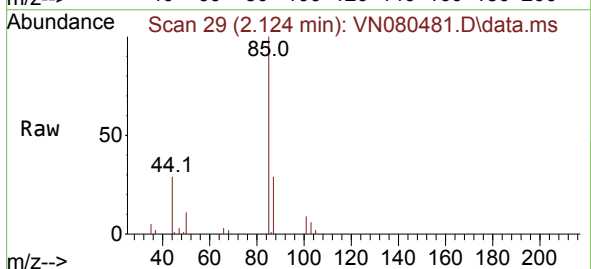
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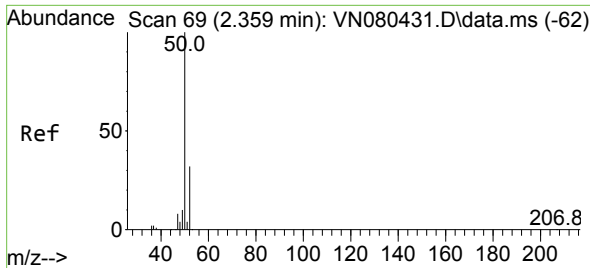
Tgt Ion: 85 Resp: 53002

Ion Ratio Lower Upper

85 100

87 29.3 15.8 47.4

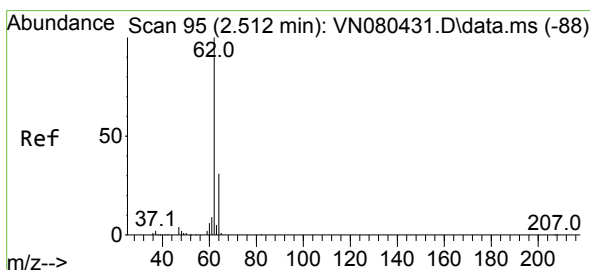
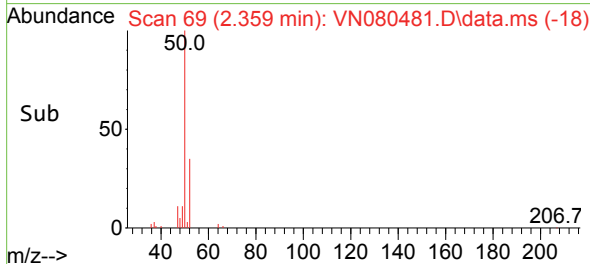
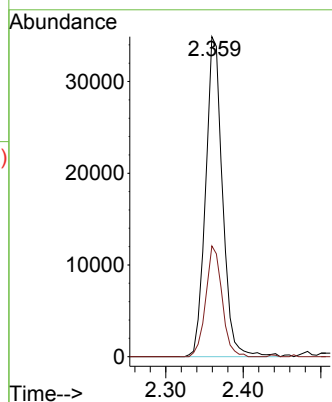
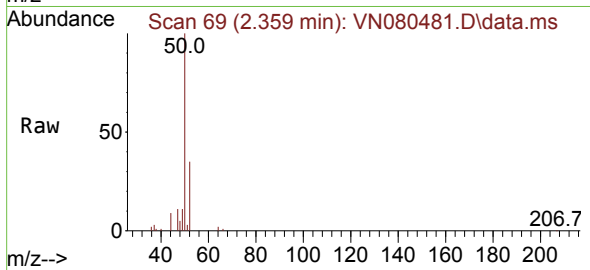




#3
Chloromethane
Concen: 16.446 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080481.D
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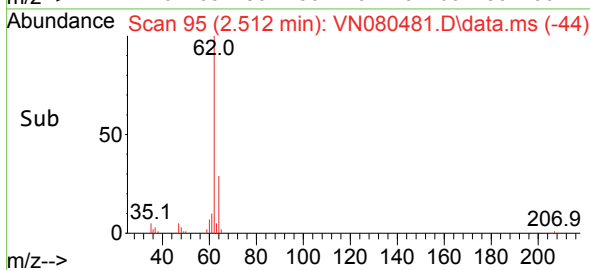
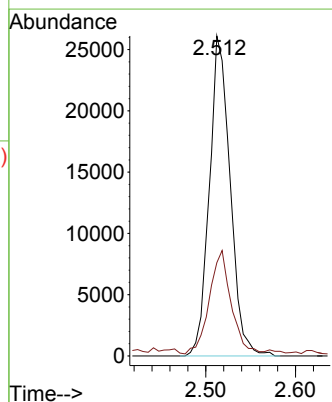
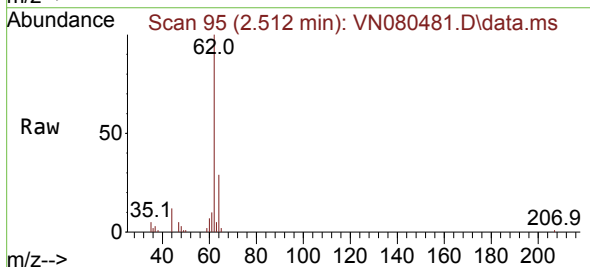
Instrument :
MSVOA_N
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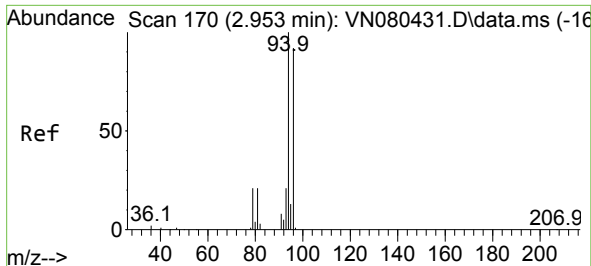
Tgt Ion: 50 Resp: 52892
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7



#4
Vinyl Chloride
Concen: 16.295 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

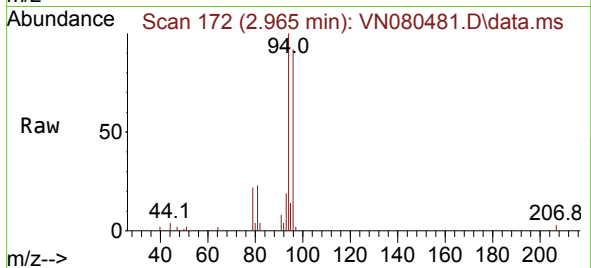
Tgt Ion: 62 Resp: 42059
Ion Ratio Lower Upper
62 100
64 28.2 26.2 39.2



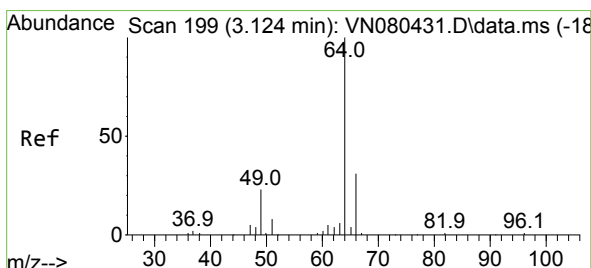
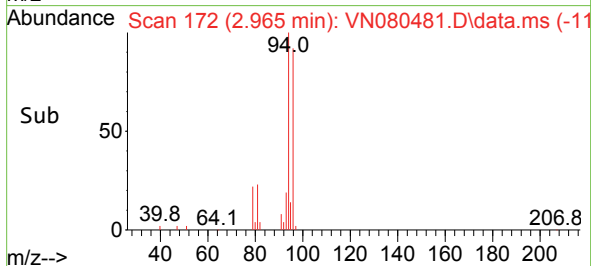
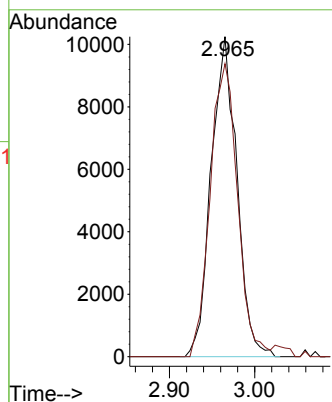


#5
Bromomethane
Concen: 18.476 ug/l
RT: 2.965 min Scan# 170
Delta R.T. 0.012 min
Lab File: VN080481.D
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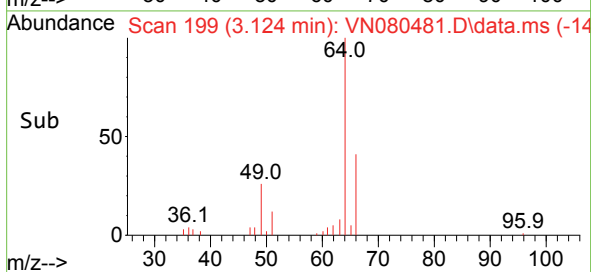
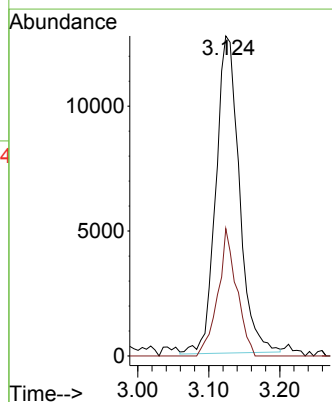
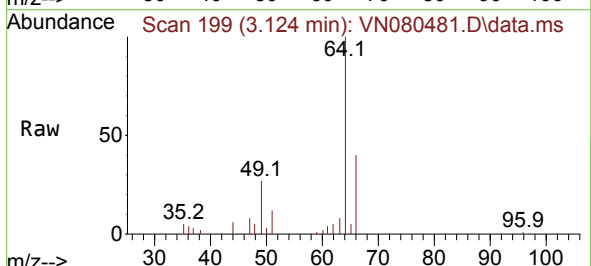


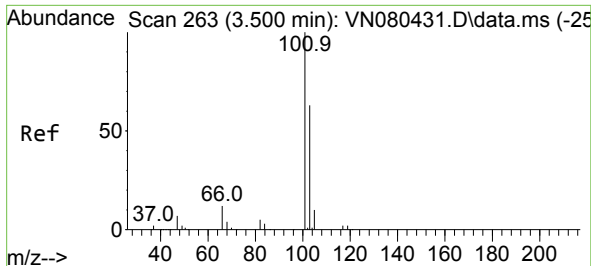
Tgt Ion: 94 Resp: 21500
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7



#6
Chloroethane
Concen: 17.530 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 64 Resp: 29075
Ion Ratio Lower Upper
64 100
66 40.3 25.4 38.2#

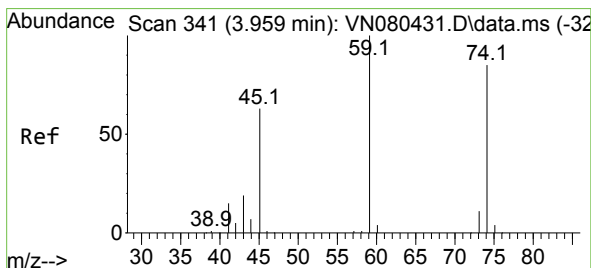
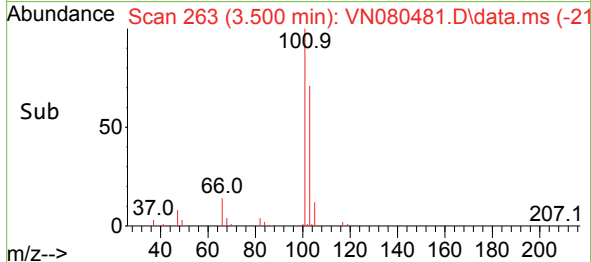
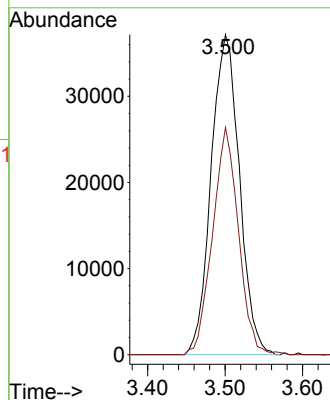
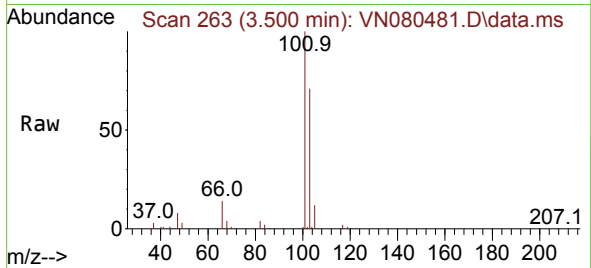




#7
 Trichlorofluoromethane
 Concen: 18.000 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

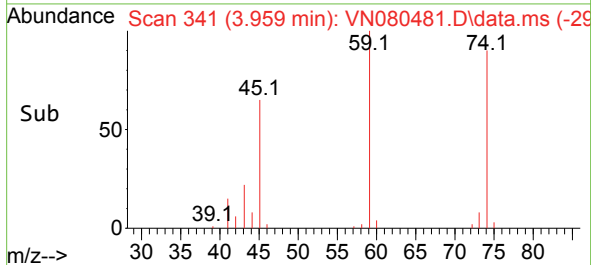
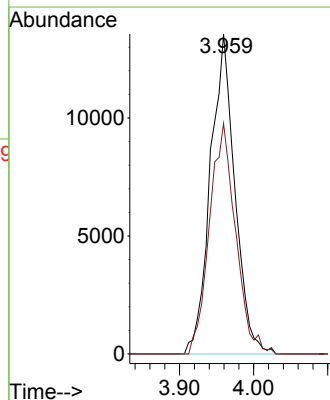
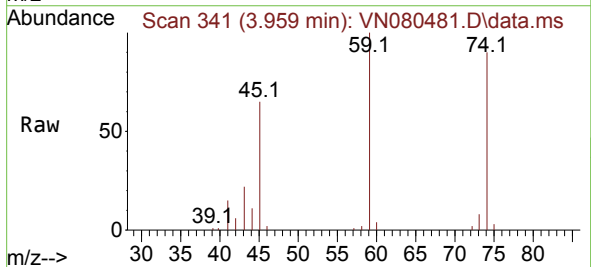
Instrument :
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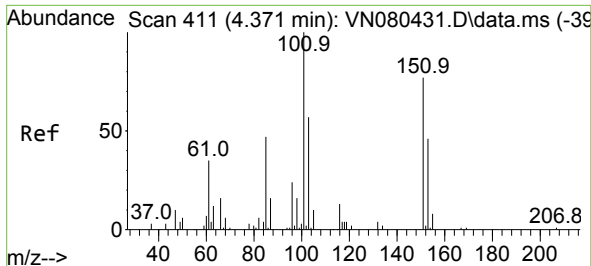
Tgt Ion:101 Resp: 94229
 Ion Ratio Lower Upper
 101 100
 103 71.0 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.895 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 31156
 Ion Ratio Lower Upper
 74 100
 45 76.8 34.4 103.3

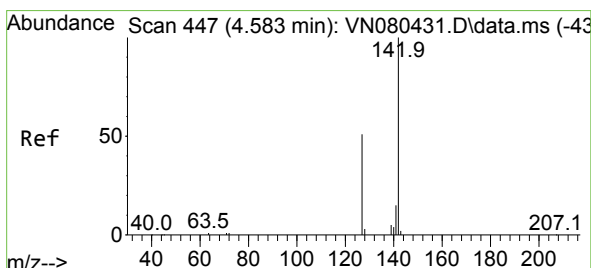
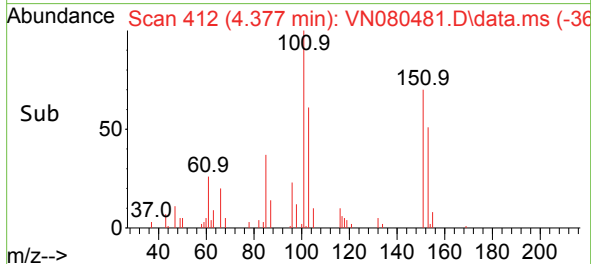
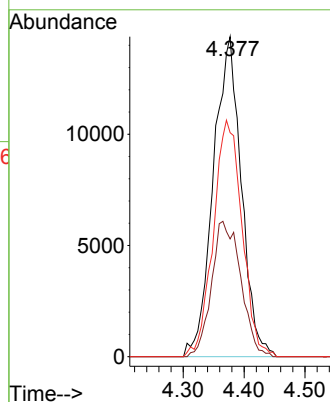
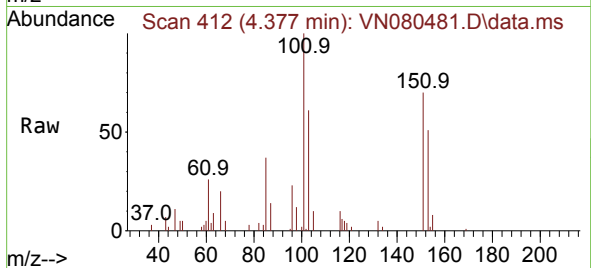




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.493 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

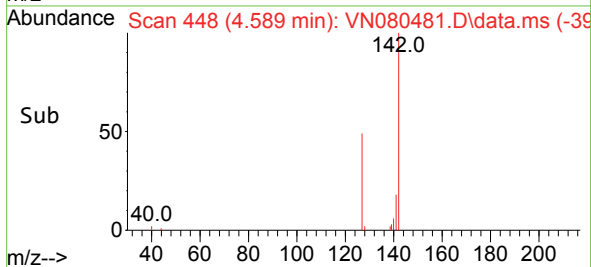
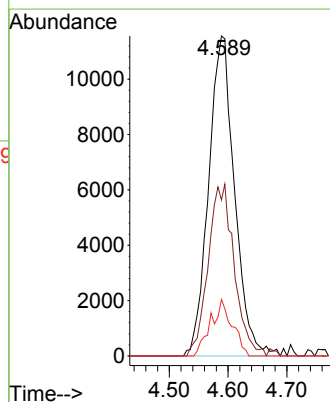
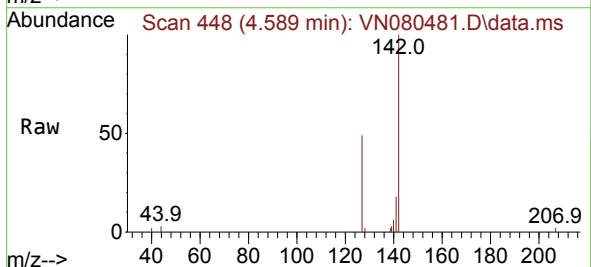
Instrument :
MSVOA_N
ClientSampleId :

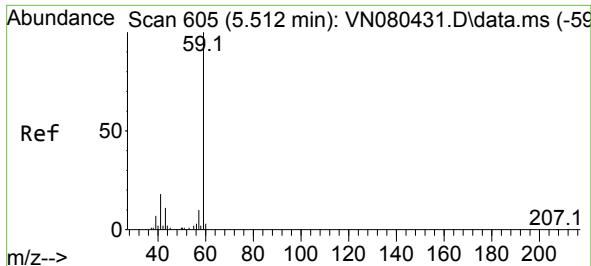
Tgt Ion:101 Resp: 45886
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 75.8 57.6 86.4



#10
Methyl Iodide
Concen: 16.269 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:142 Resp: 35509
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 17.7 11.4 17.0#

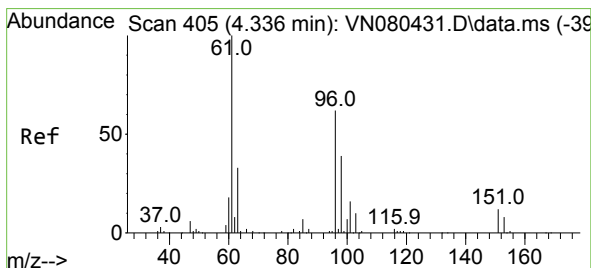
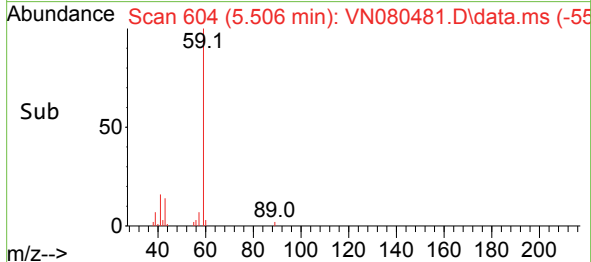
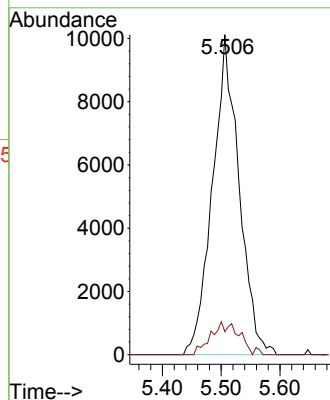
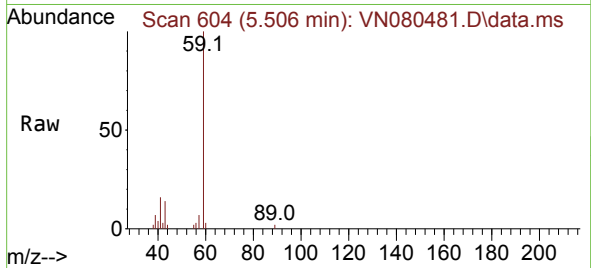




#11
Tert butyl alcohol
Concen: 88.907 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

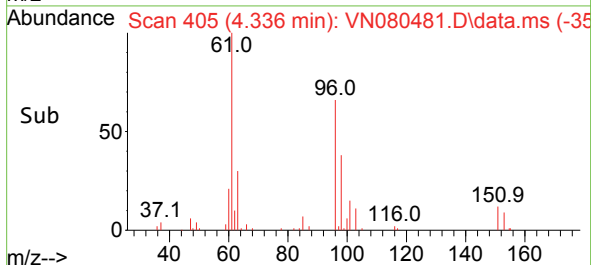
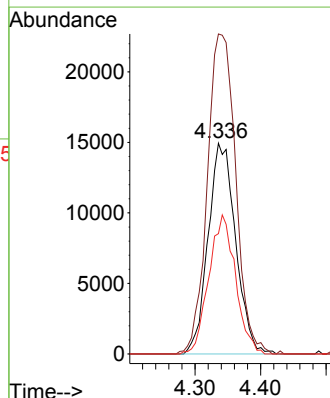
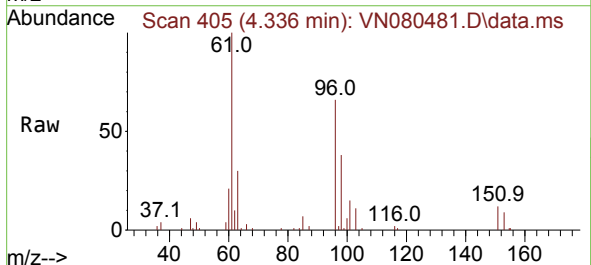
Instrument :
MSVOA_N
ClientSampleId :

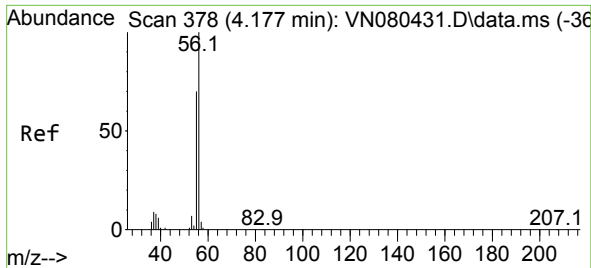
Tgt Ion: 59 Resp: 31629
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.114 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 96 Resp: 43512
Ion Ratio Lower Upper
96 100
61 150.7 112.7 169.1
98 57.1 51.2 76.8

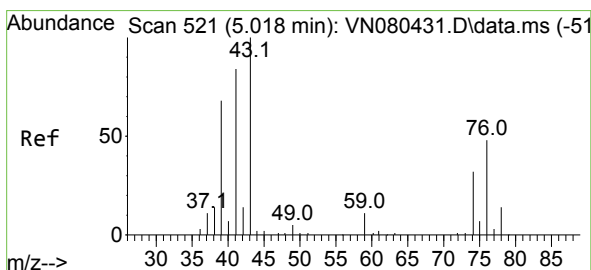
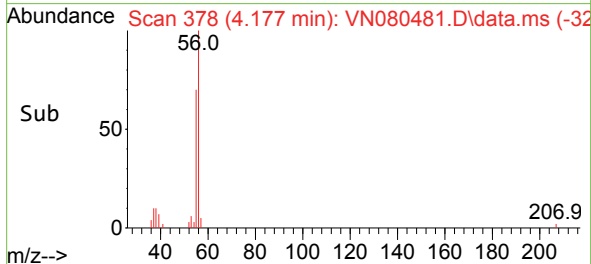
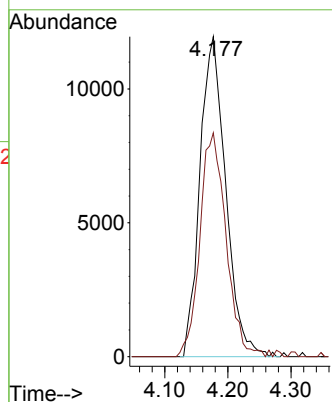
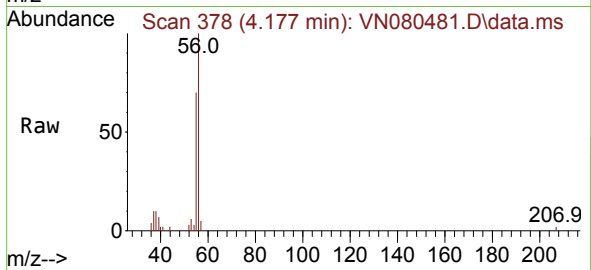




#13
Acrolein
Concen: 86.953 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

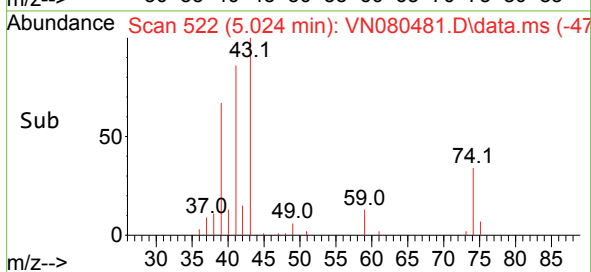
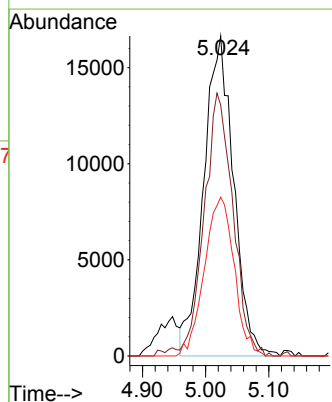
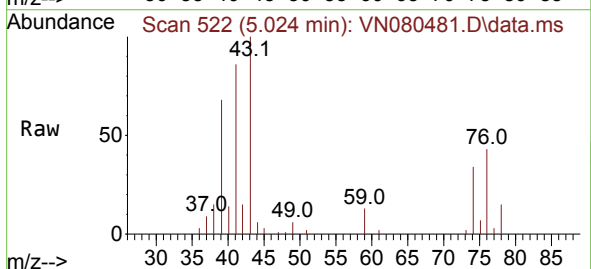
Instrument :
MSVOA_N
ClientSampleId :

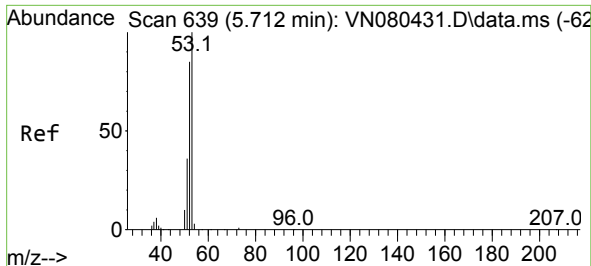
Tgt Ion: 56 Resp: 33877
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 17.365 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

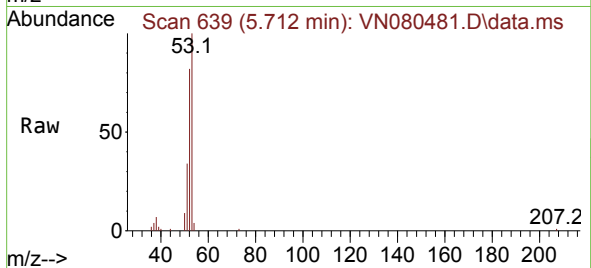
Tgt Ion: 41 Resp: 54624
Ion Ratio Lower Upper
41 100
39 80.0 58.8 88.2
76 49.5 39.1 58.7



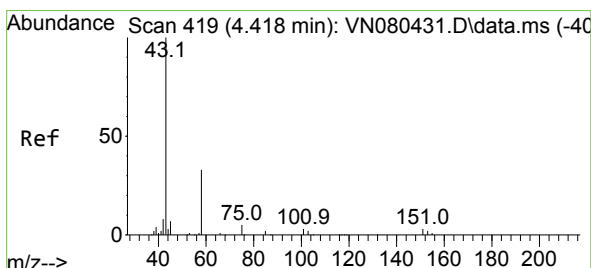
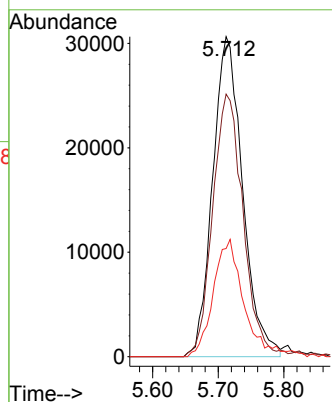
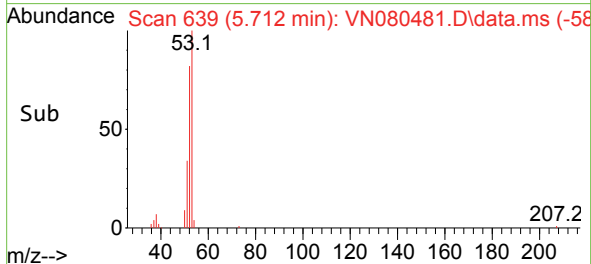


#15
Acrylonitrile
Concen: 96.534 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

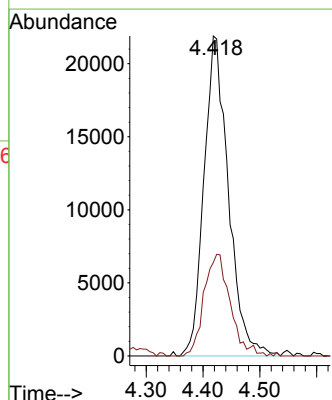
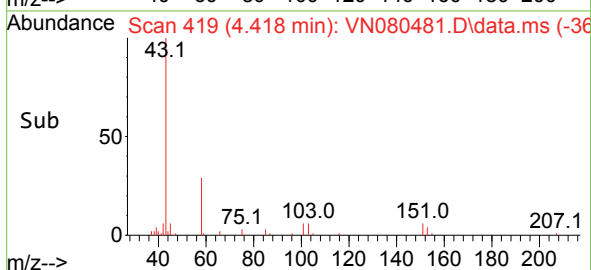
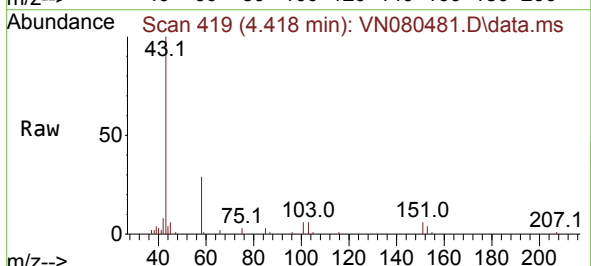


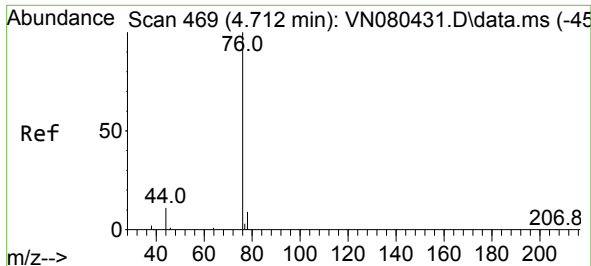
Tgt Ion: 53 Resp: 97036
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.1 28.9 43.3



#16
Acetone
Concen: 122.122 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 43 Resp: 65409
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0

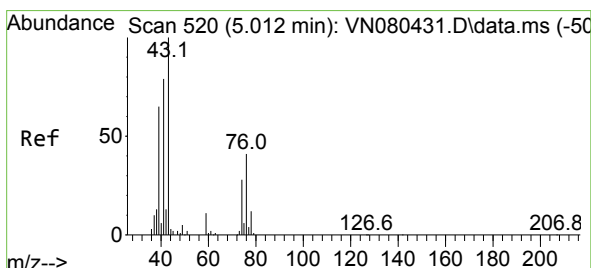
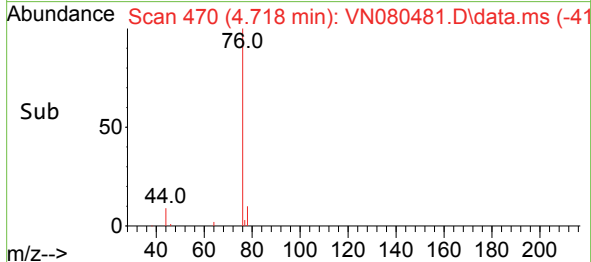
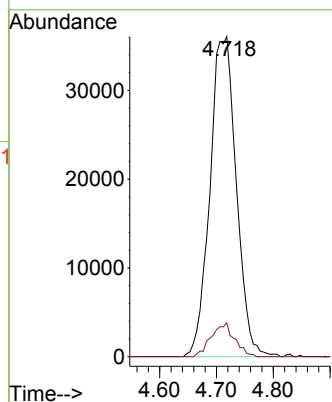
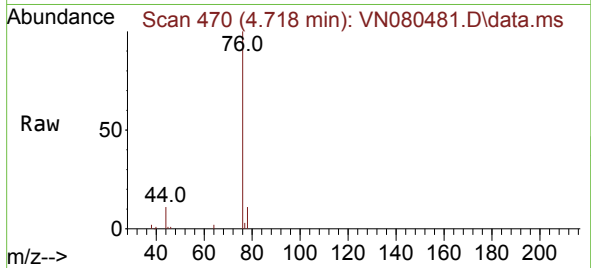




#17
Carbon Disulfide
Concen: 16.137 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

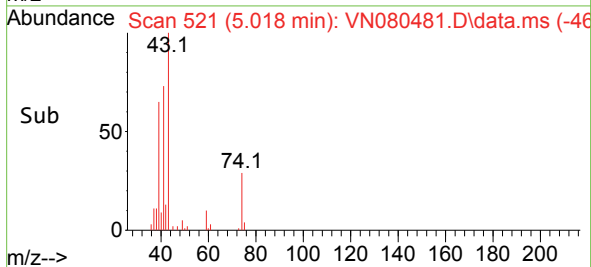
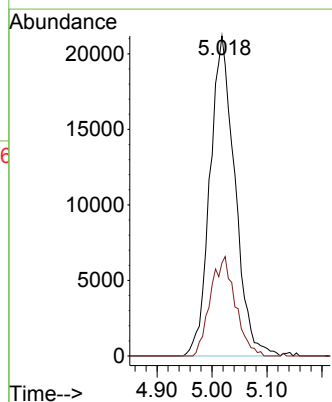
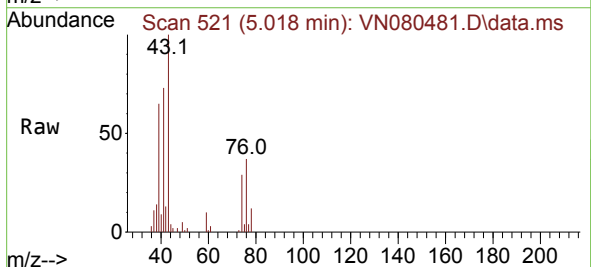
Instrument :
MSVOA_N
ClientSampleId :

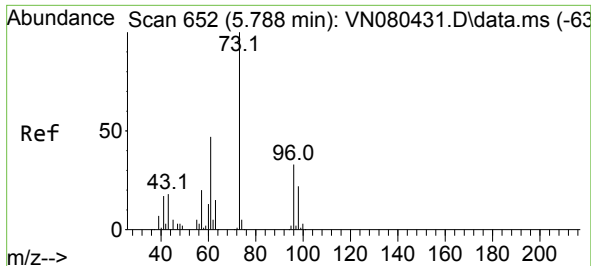
Tgt Ion: 76 Resp: 116269
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.360 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 43 Resp: 66720
Ion Ratio Lower Upper
43 100
74 31.1 26.2 39.4

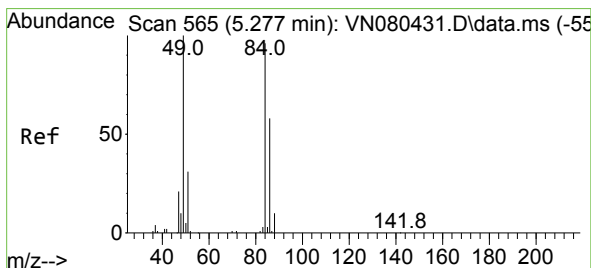
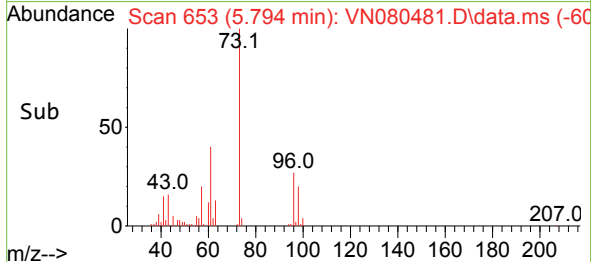
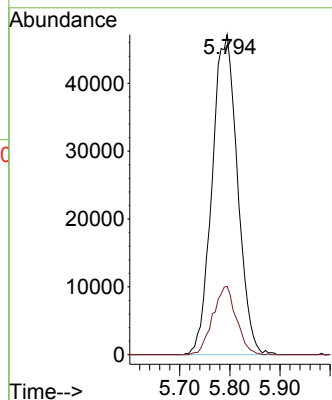
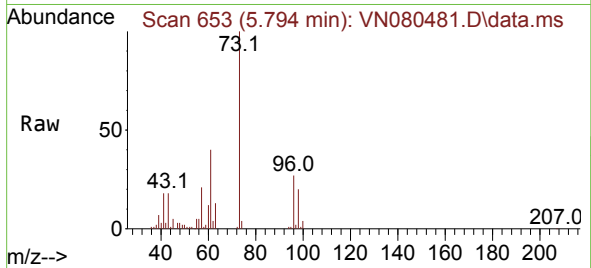




#19
Methyl tert-butyl Ether
Concen: 19.556 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

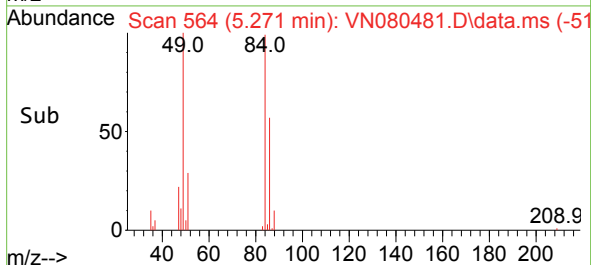
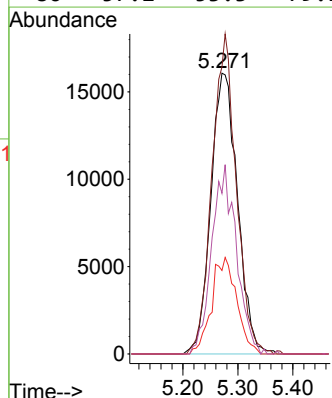
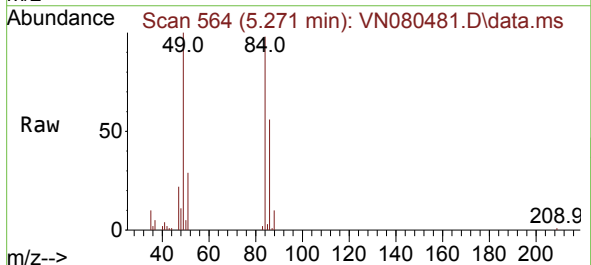
Instrument :
MSVOA_N
ClientSampleId :

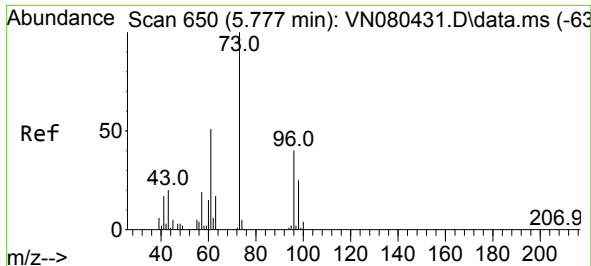
Tgt Ion: 73 Resp: 165887
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4



#20
Methylene Chloride
Concen: 18.899 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

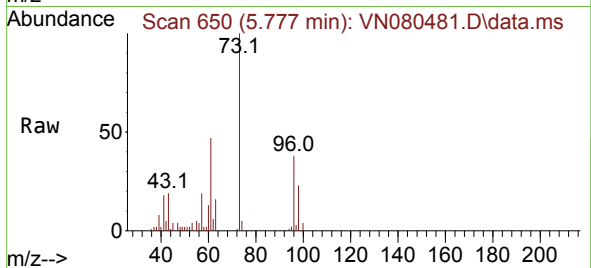
Tgt Ion: 84 Resp: 54170
Ion Ratio Lower Upper
84 100
49 102.1 79.7 119.5
51 29.7 25.2 37.8
86 57.2 53.3 79.9



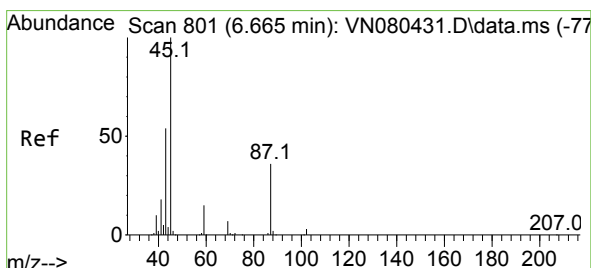
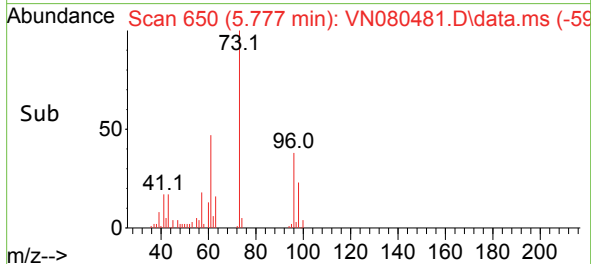
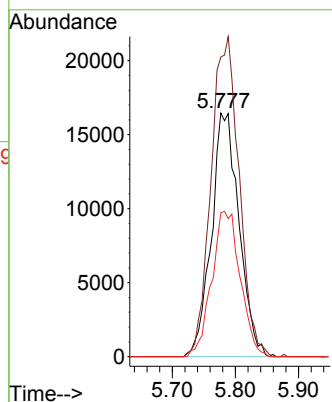


#21
trans-1,2-Dichloroethene
Concen: 18.103 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

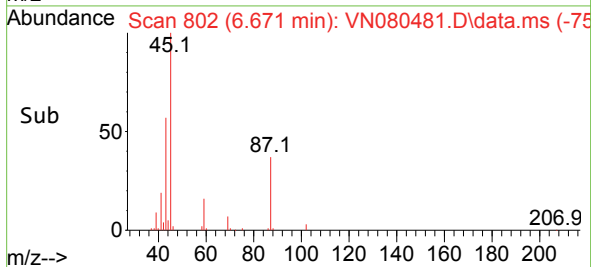
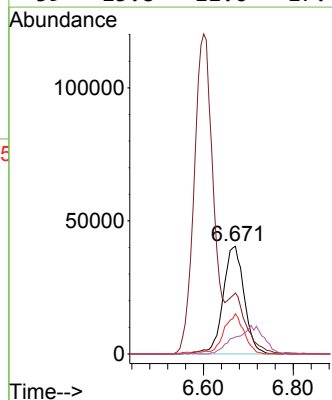
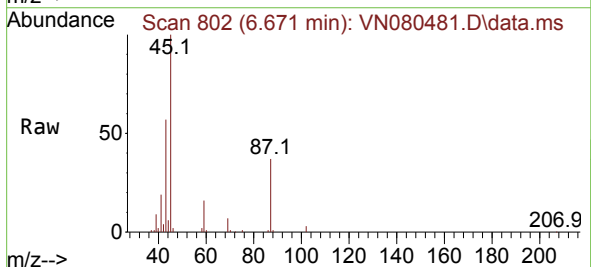


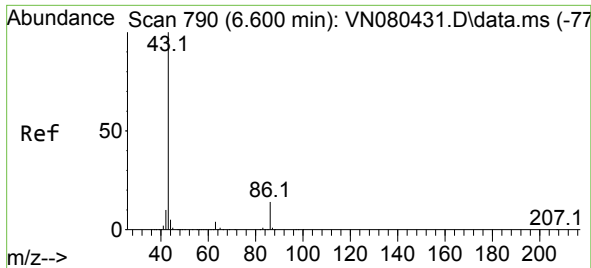
Tgt Ion: 96 Resp: 49905
Ion Ratio Lower Upper
96 100
61 123.0 90.1 135.1
98 59.0 46.4 69.6



#22
Diisopropyl ether
Concen: 19.464 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 45 Resp: 132148
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 37.3 31.8 47.8
59 15.8 11.6 17.4

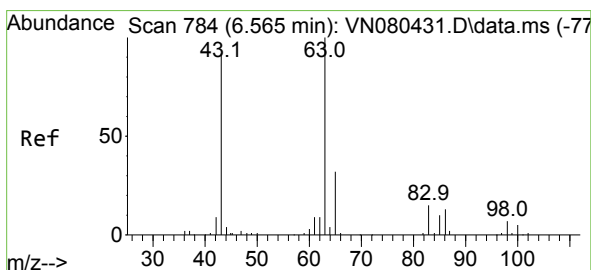
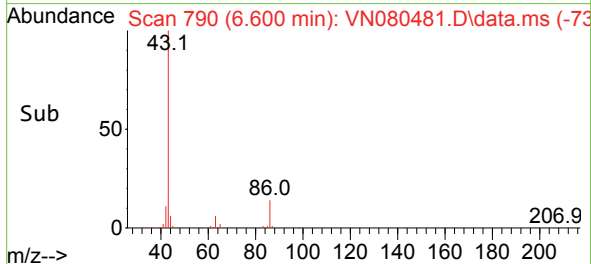
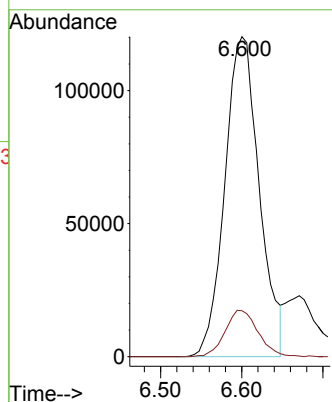
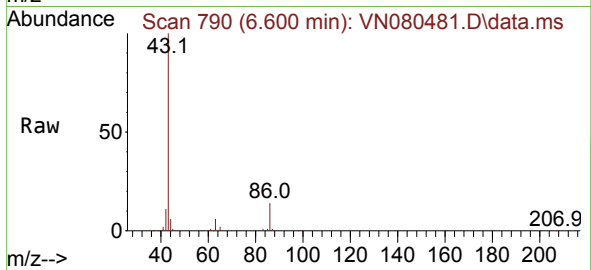




#23
 Vinyl Acetate
 Concen: 91.004 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

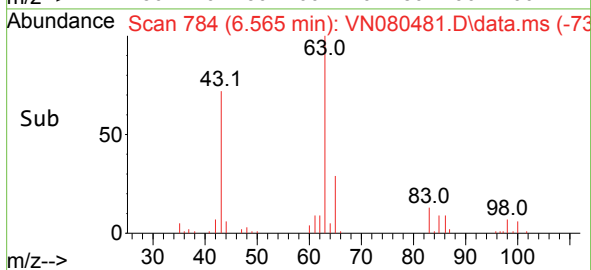
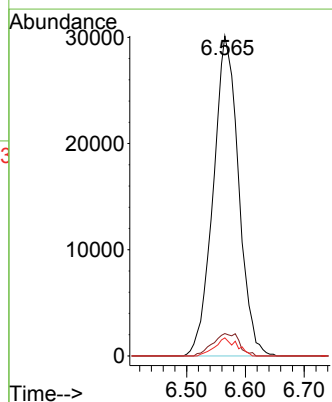
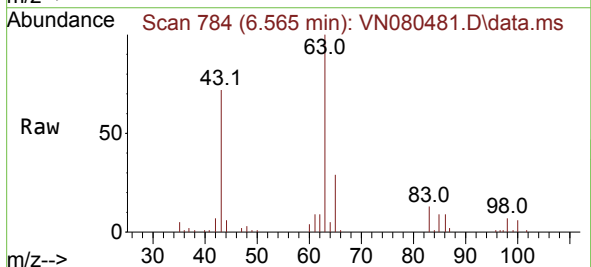
Instrument :
 MSVOA_N
 ClientSampleId :

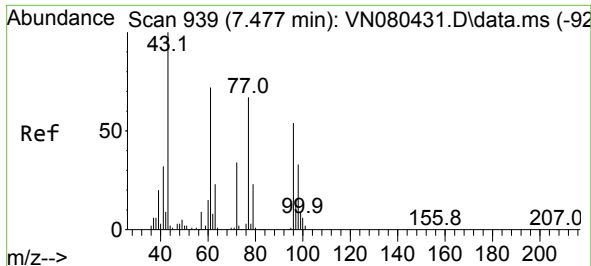
Tgt Ion: 43 Resp: 354854
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 19.045 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

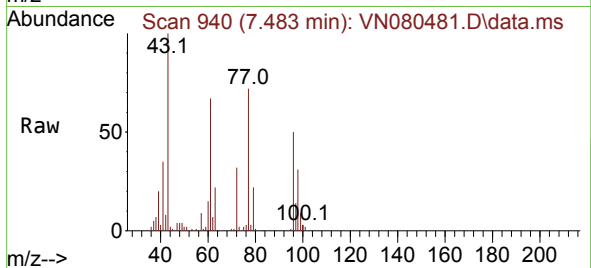
Tgt Ion: 63 Resp: 90212
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.6 2.5 7.4



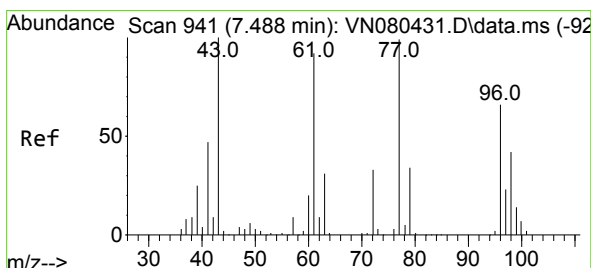
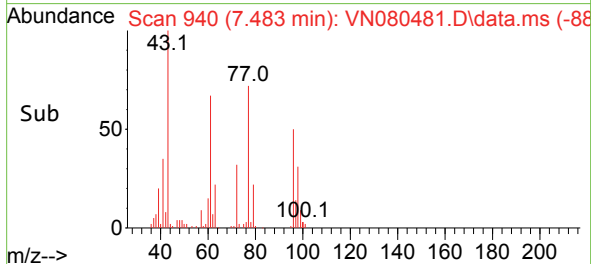
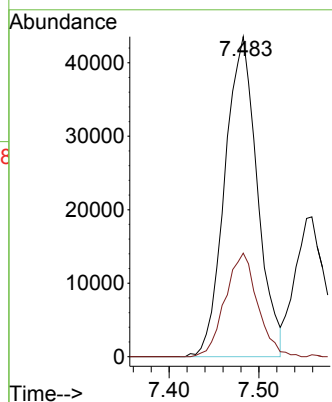


#25
2-Butanone
Concen: 105.922 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

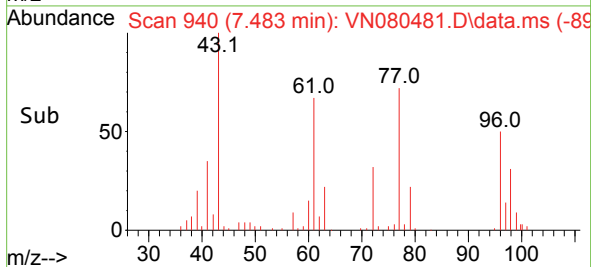
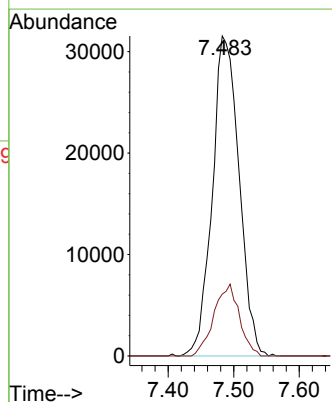
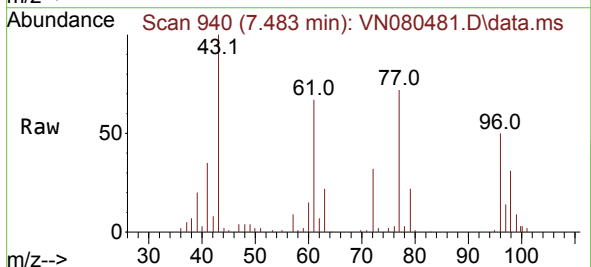


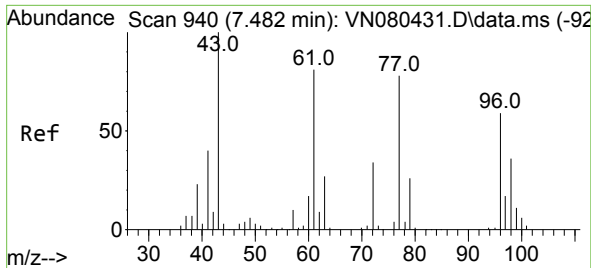
Tgt Ion: 43 Resp: 109290
Ion Ratio Lower Upper
43 100
72 32.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 18.460 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 77 Resp: 89415
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6

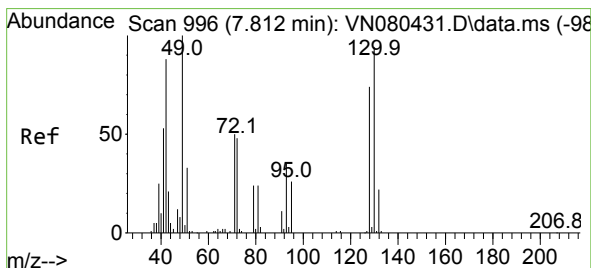
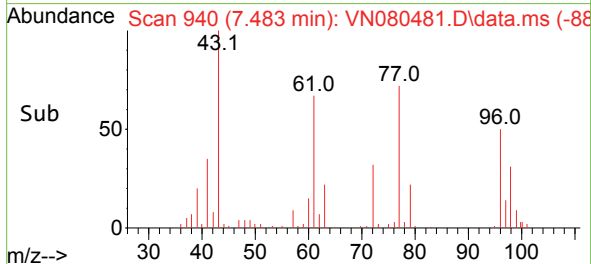
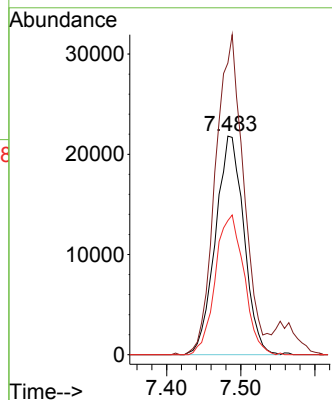
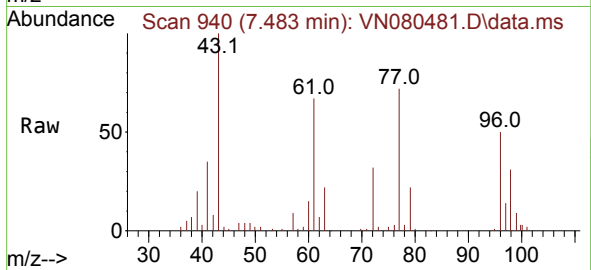




#27
 cis-1,2-Dichloroethene
 Concen: 18.621 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

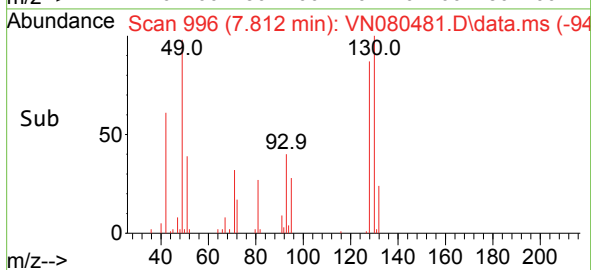
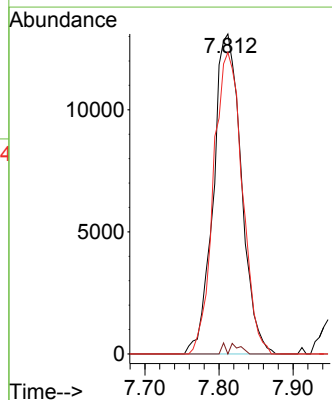
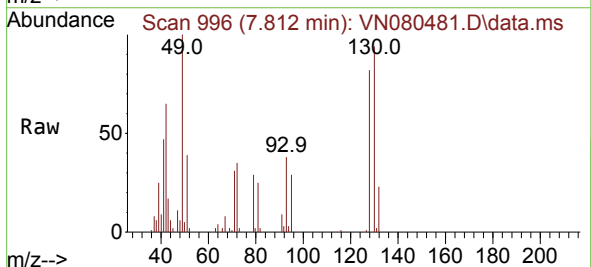
Instrument :
 MSVOA_N
 ClientSampleId :

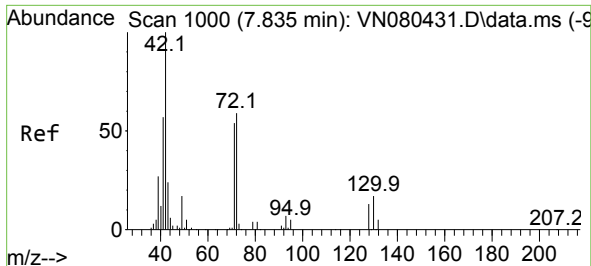
Tgt Ion: 96 Resp: 58106
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 255.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.907 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion: 49 Resp: 34386
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 96.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.678 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

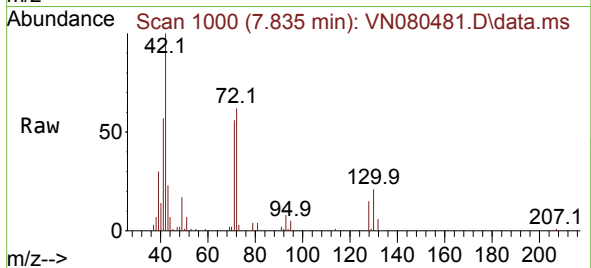
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

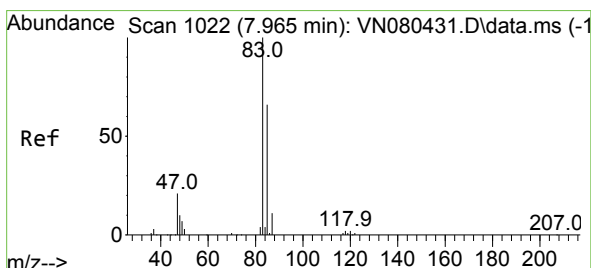
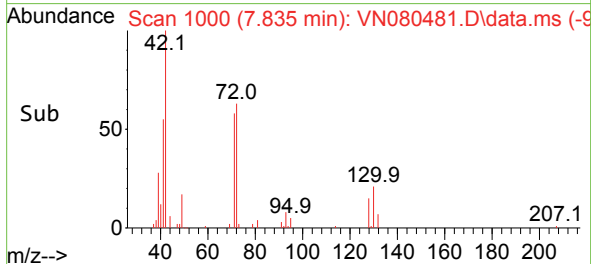
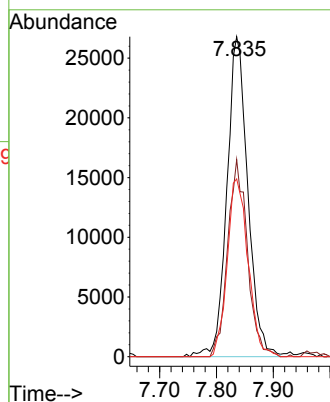
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	68475
Ion Ratio	Lower	Upper	
42	100		
72	58.1	49.8	74.6
71	55.5	47.4	71.2



#30

Chloroform

Concen: 19.699 ug/l

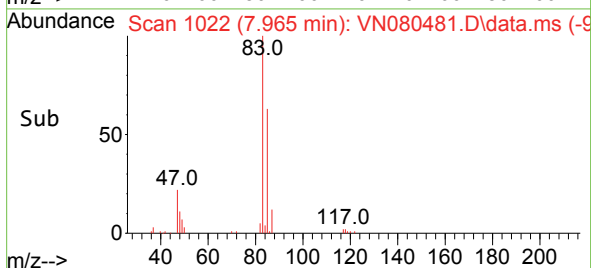
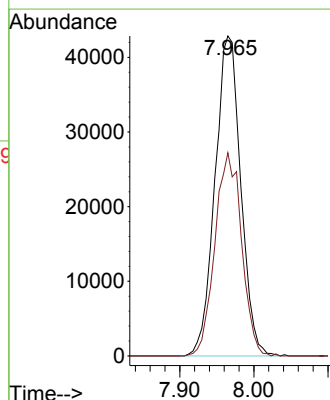
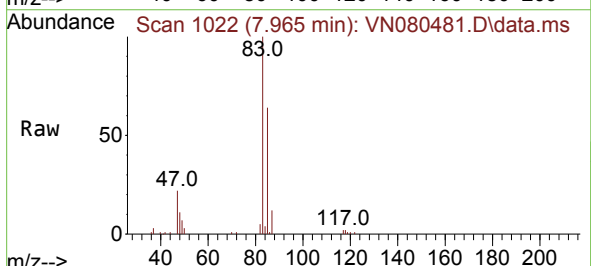
RT: 7.965 min Scan# 1022

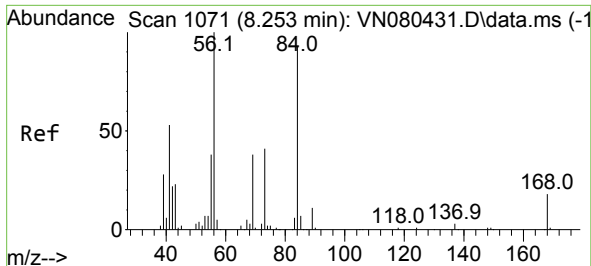
Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

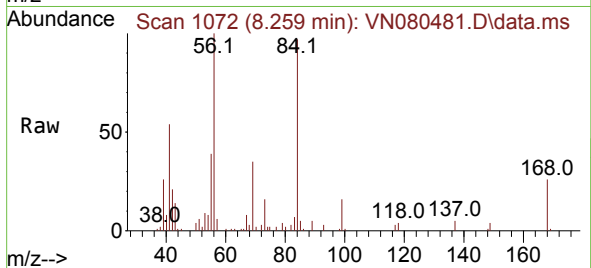
Tgt Ion:	83	Resp:	103574
Ion Ratio	Lower	Upper	
83	100		
85	63.5	55.4	83.0



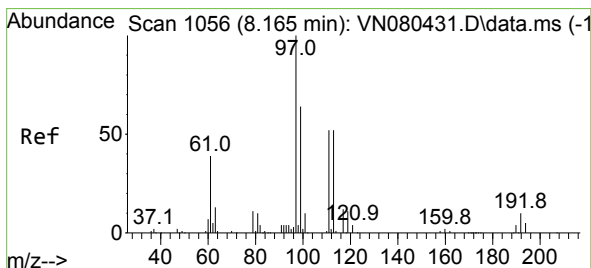
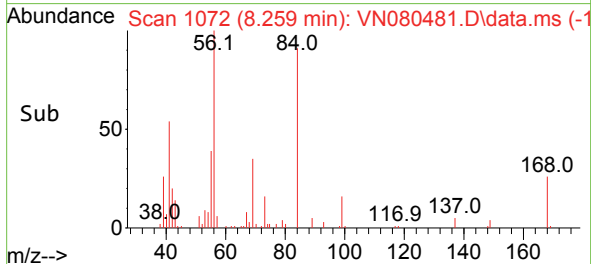
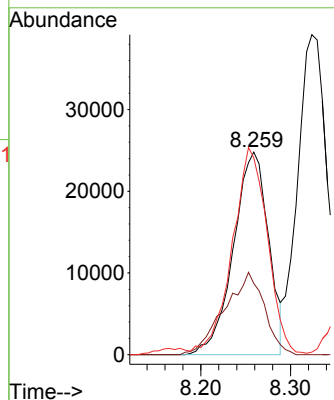


#31
Cyclohexane
Concen: 16.405 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

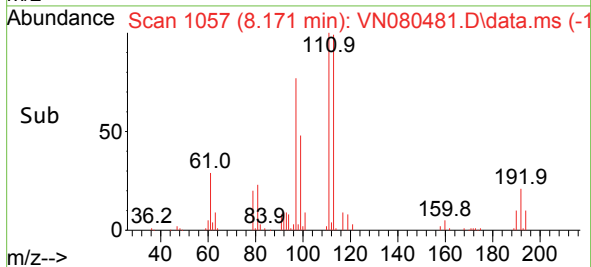
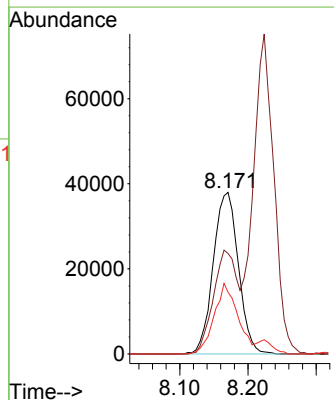
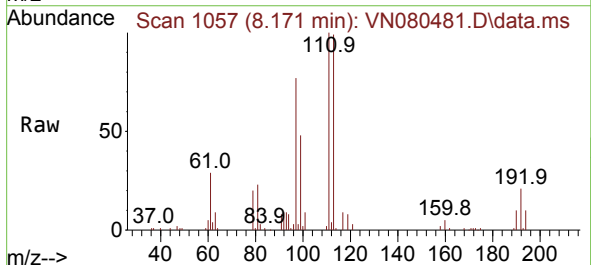


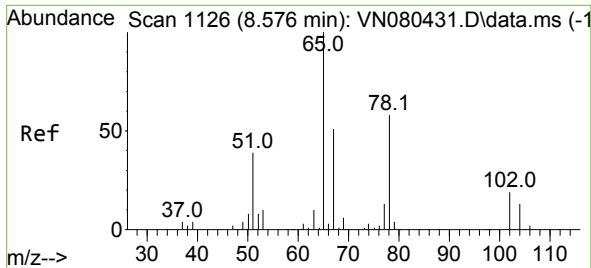
Tgt Ion: 56 Resp: 67390
Ion Ratio Lower Upper
56 100
69 35.2 26.8 40.2
84 93.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.922 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 97 Resp: 97412
Ion Ratio Lower Upper
97 100
99 60.7 50.3 75.5
61 41.8 34.7 52.1

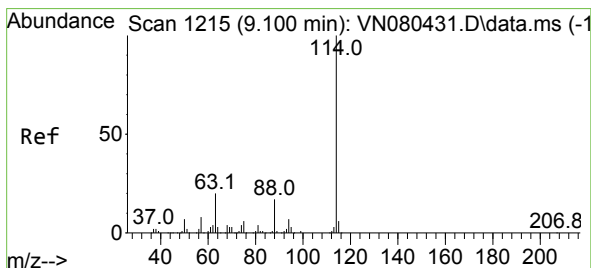
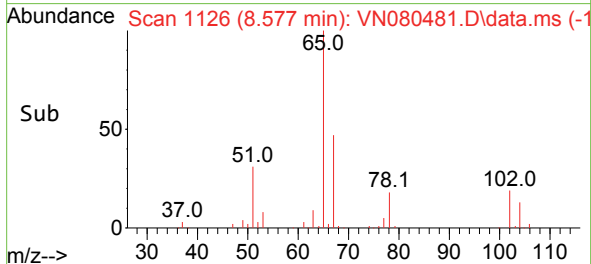
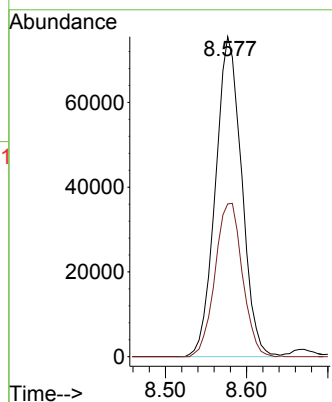
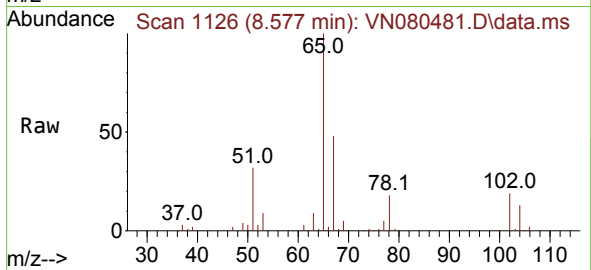




#33
 1,2-Dichloroethane-d4
 Concen: 56.048 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

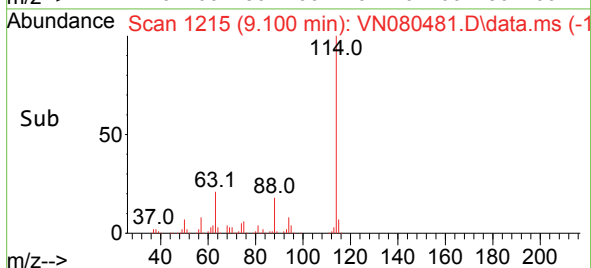
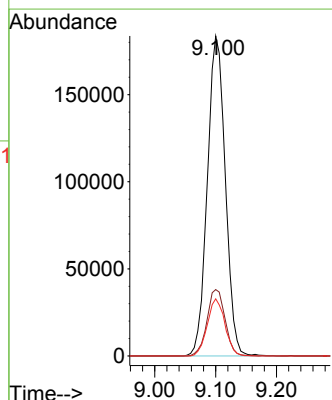
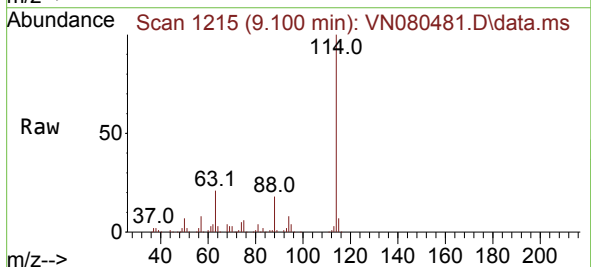
Instrument :
 MSVOA_N
 ClientSampleId :

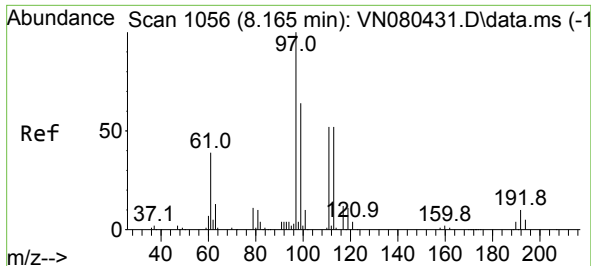
Tgt Ion: 65 Resp: 169303
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

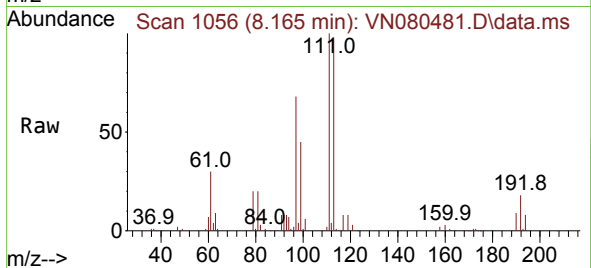
Tgt Ion: 114 Resp: 377585
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 36.4
 88 17.9 0.0 30.6



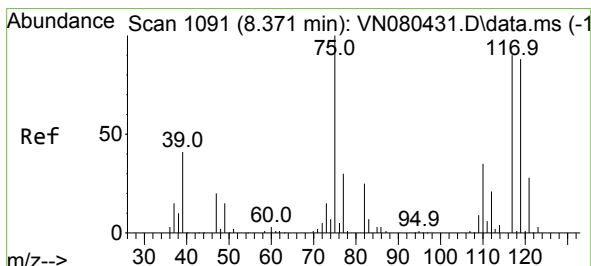
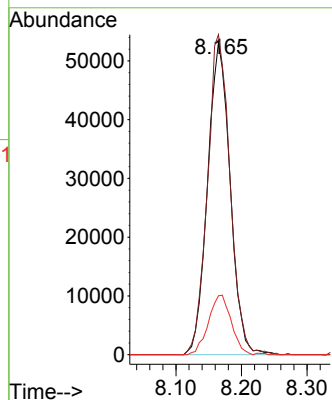
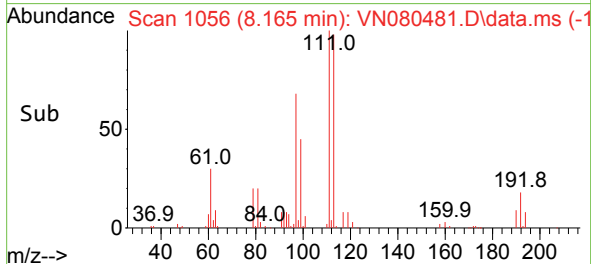


#35
Dibromofluoromethane
Concen: 53.080 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

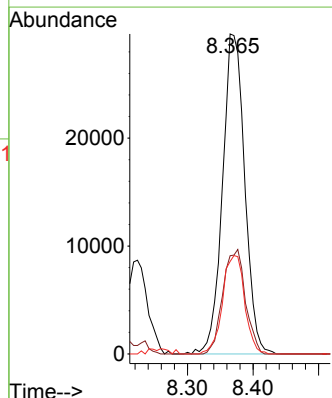
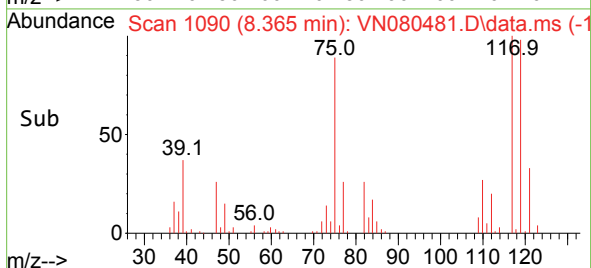
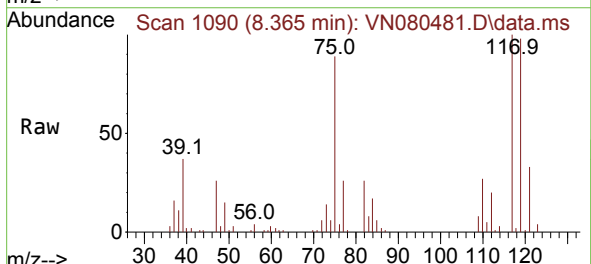


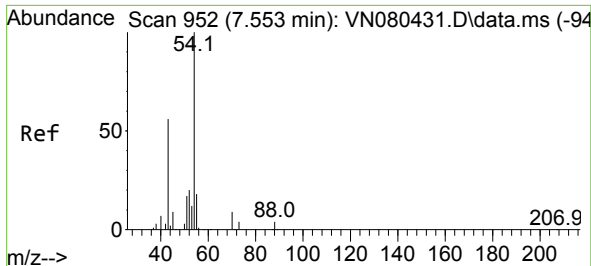
Tgt Ion:113 Resp: 127076
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.2 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 17.806 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

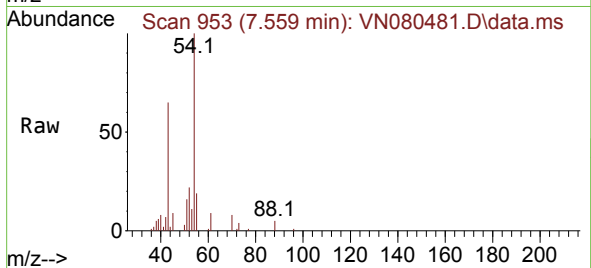
Tgt Ion: 75 Resp: 69701
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 30.6 25.0 37.4



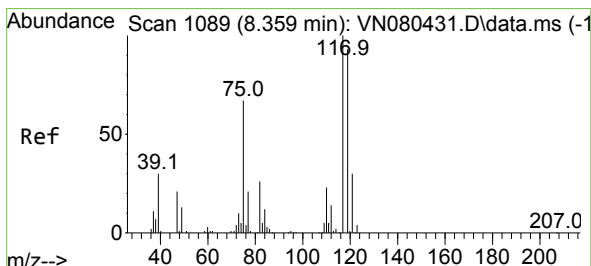
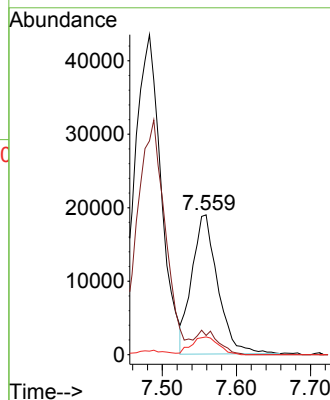
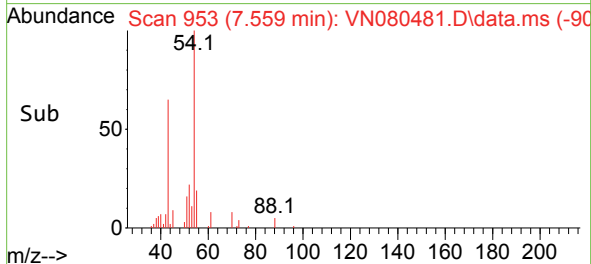


#37
Ethyl Acetate
Concen: 18.742 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

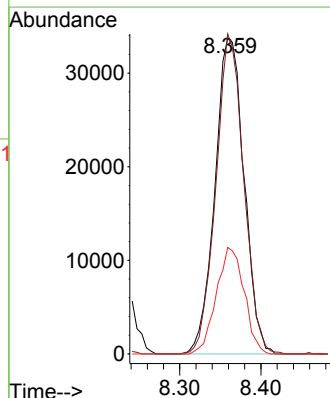
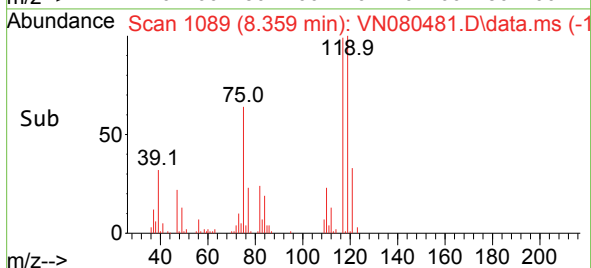
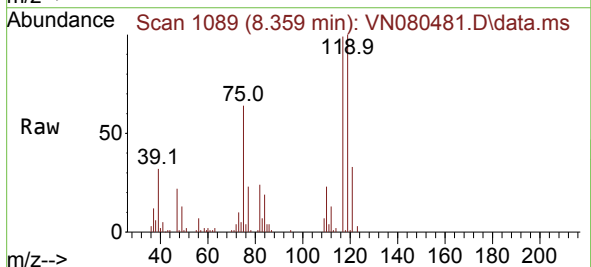


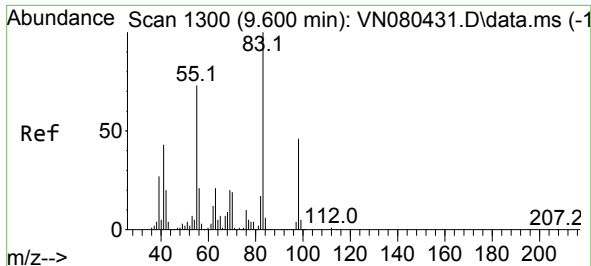
Tgt Ion: 43 Resp: 45940
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 13.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 17.979 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 117 Resp: 84093
Ion Ratio Lower Upper
117 100
119 101.4 77.3 115.9
121 33.8 23.3 34.9





#39

Methylcyclohexane

Concen: 15.601 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

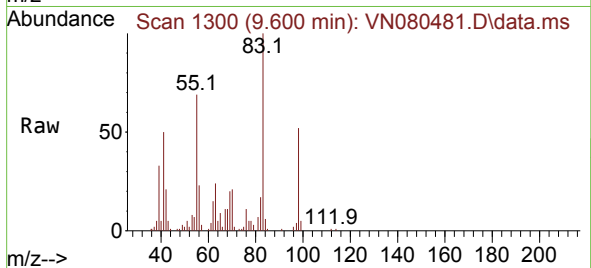
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :



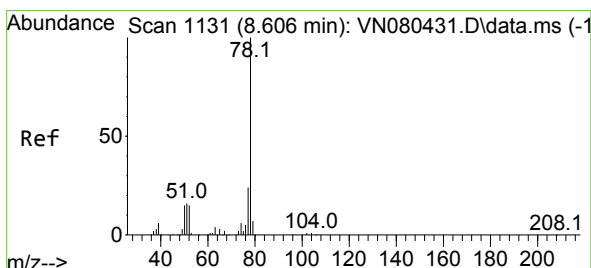
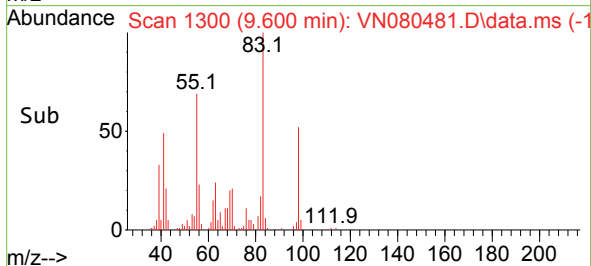
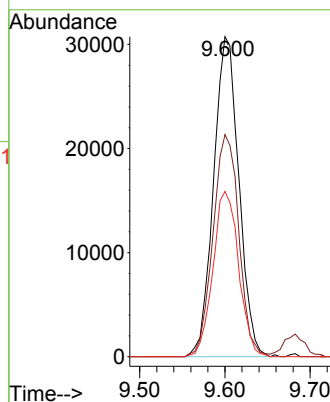
Tgt Ion: 83 Resp: 63439

Ion Ratio Lower Upper

83 100

55 69.4 49.1 73.7

98 51.7 40.6 61.0



#40

Benzene

Concen: 18.442 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080481.D

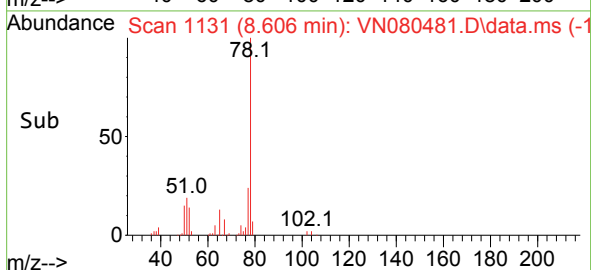
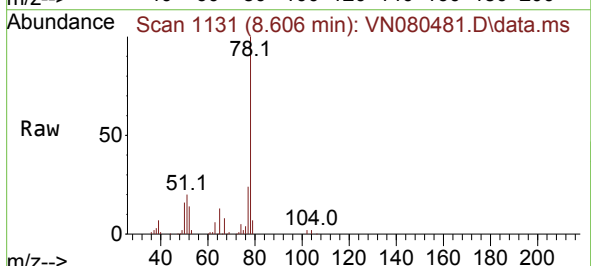
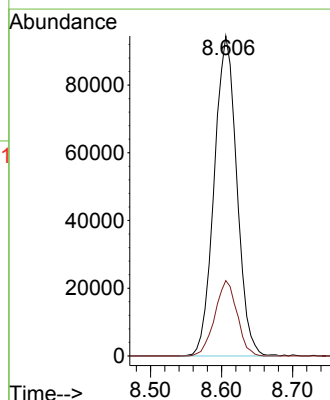
Acq: 14 Dec 2023 14:11

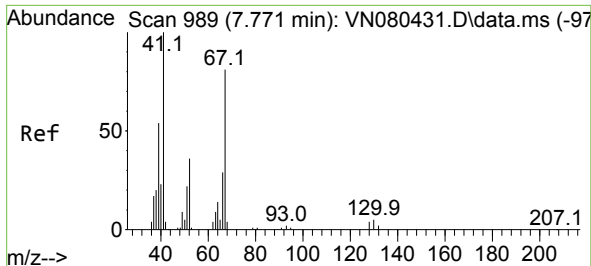
Tgt Ion: 78 Resp: 208453

Ion Ratio Lower Upper

78 100

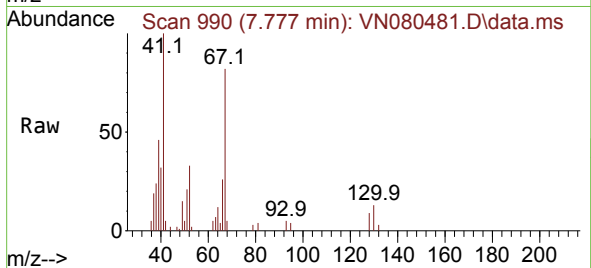
77 23.6 19.0 28.6



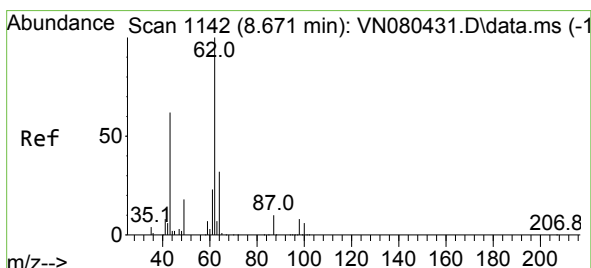
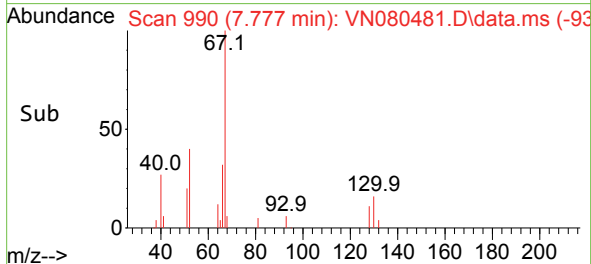
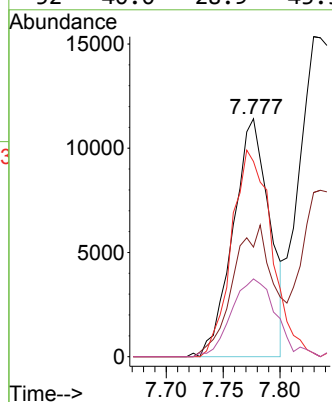


#41
Methacrylonitrile
Concen: 18.049 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

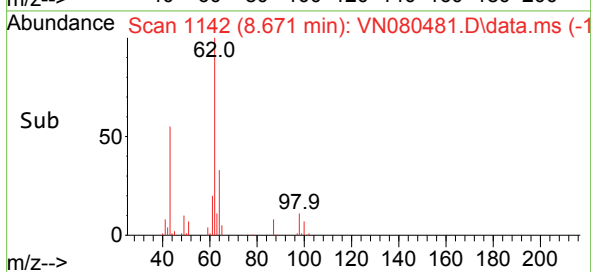
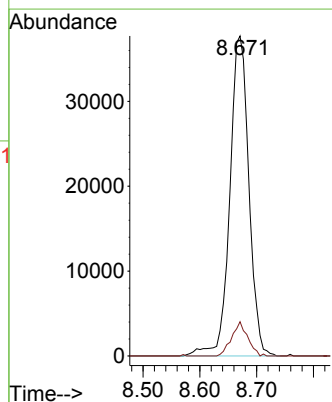
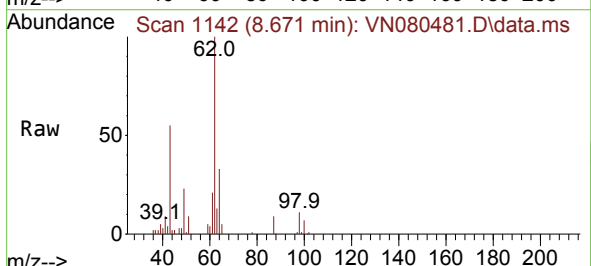


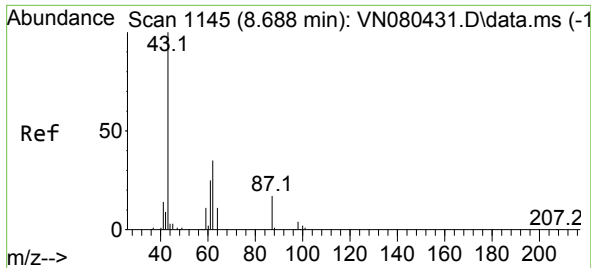
Tgt Ion:	41	Resp:	25506
Ion	Ratio	Lower	Upper
41	100		
39	62.3	42.6	64.0
67	95.3	77.5	116.3
52	40.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 21.004 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

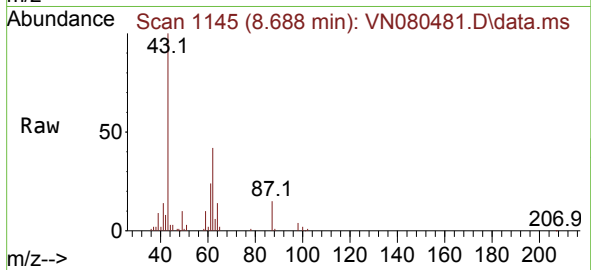
Tgt Ion:	62	Resp:	87917
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8



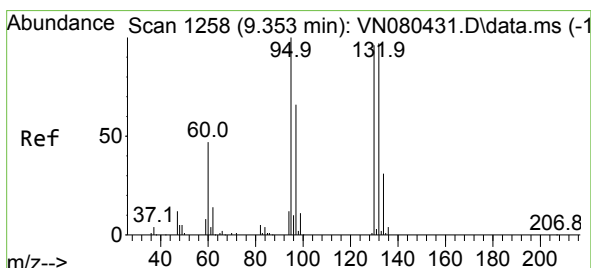
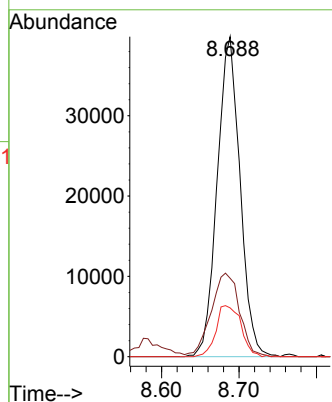
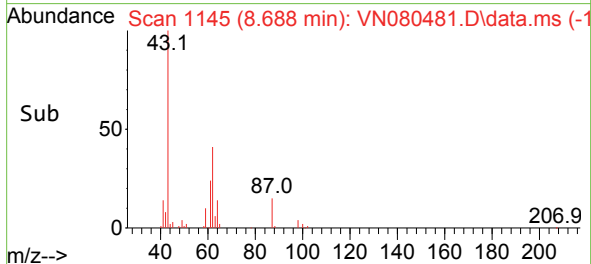


#43
Isopropyl Acetate
Concen: 18.523 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

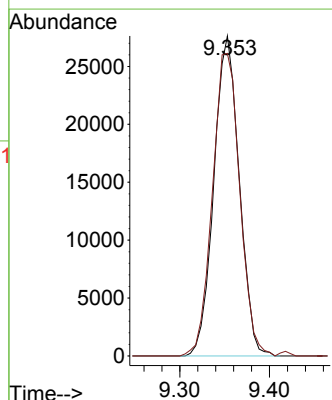
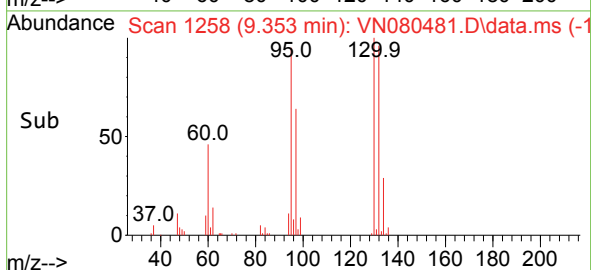
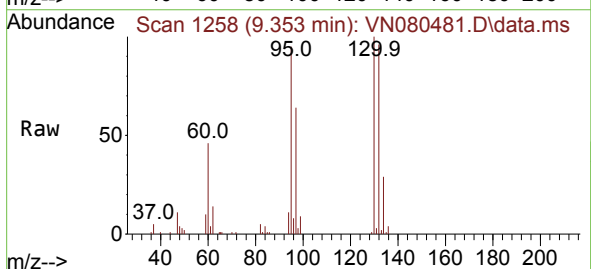


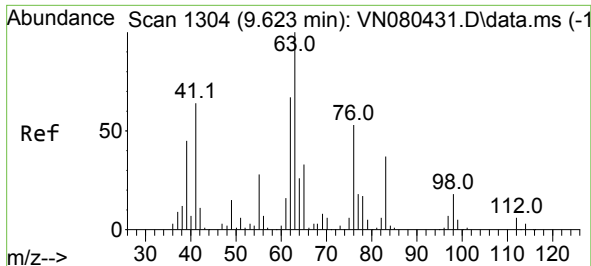
Tgt Ion: 43 Resp: 81638
Ion Ratio Lower Upper
43 100
61 32.6 24.7 37.1
87 17.5 14.6 21.8



#44
Trichloroethene
Concen: 17.806 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:130 Resp: 54258
Ion Ratio Lower Upper
130 100
95 94.5 0.0 204.6

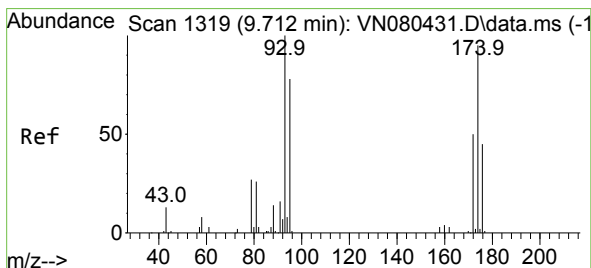
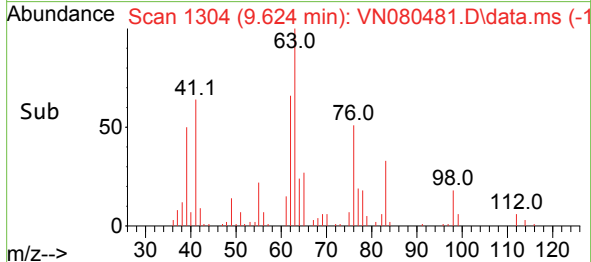
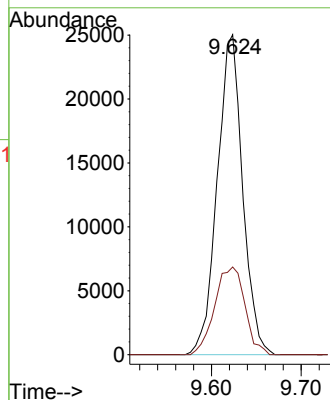
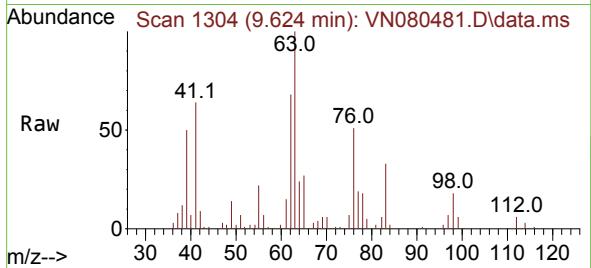




#45
1,2-Dichloropropane
Concen: 18.498 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

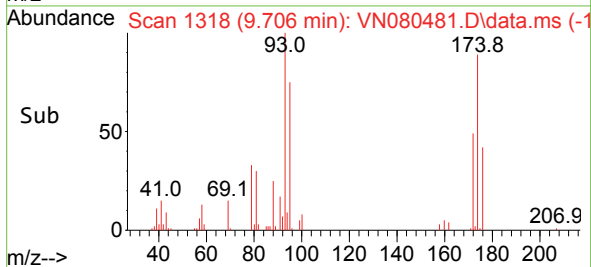
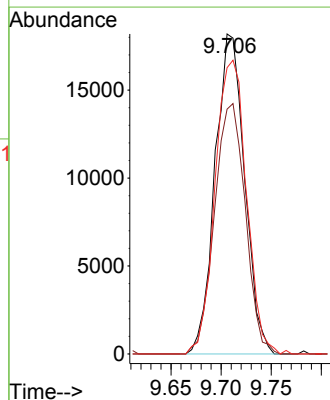
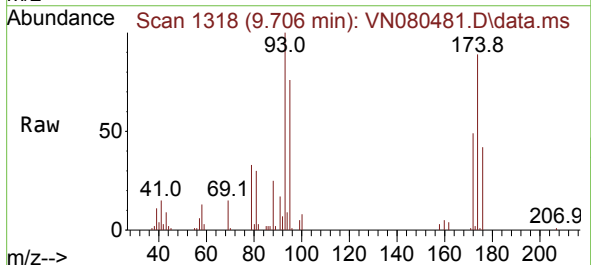
Instrument :
MSVOA_N
ClientSampleId :

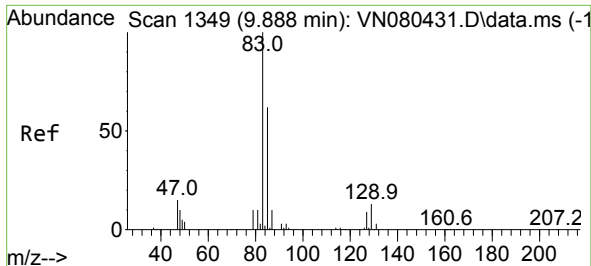
Tgt Ion: 63 Resp: 49110
Ion Ratio Lower Upper
63 100
65 27.4 23.9 35.9



#46
Dibromomethane
Concen: 19.478 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 93 Resp: 37135
Ion Ratio Lower Upper
93 100
95 81.9 63.8 95.8
174 97.6 65.6 98.4





#47

Bromodichloromethane

Concen: 20.536 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080481.D

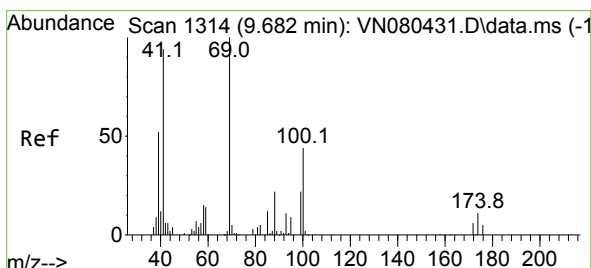
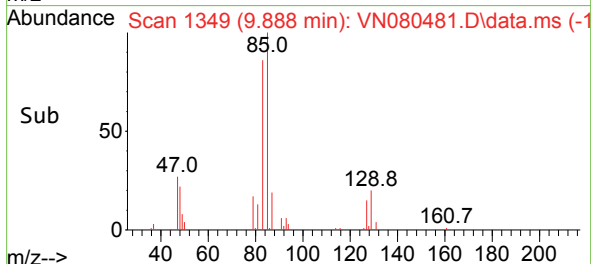
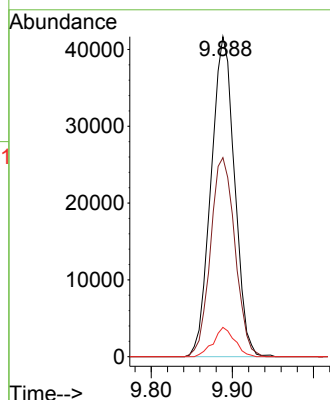
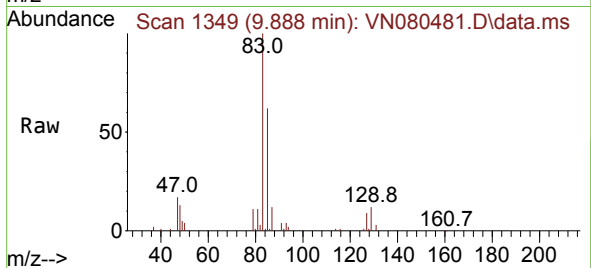
Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	83910
Ion	Ratio	Lower	Upper
83	100		
85	62.2	49.6	74.4
127	9.2	7.0	10.6



#48

Methyl methacrylate

Concen: 18.416 ug/l

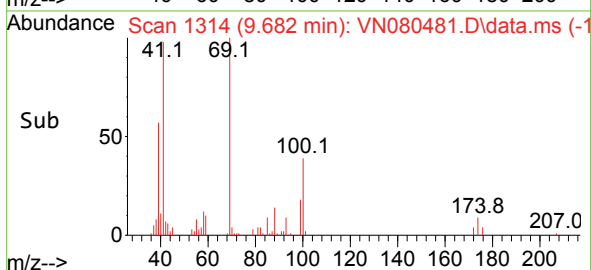
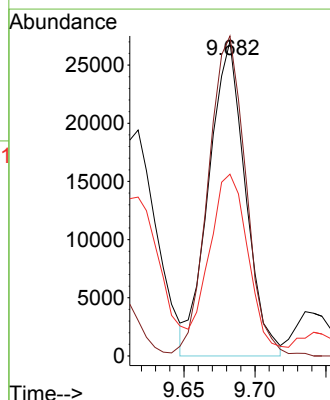
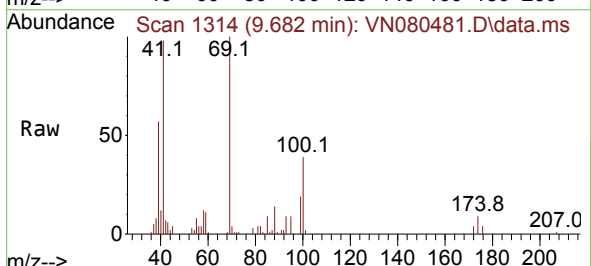
RT: 9.682 min Scan# 1314

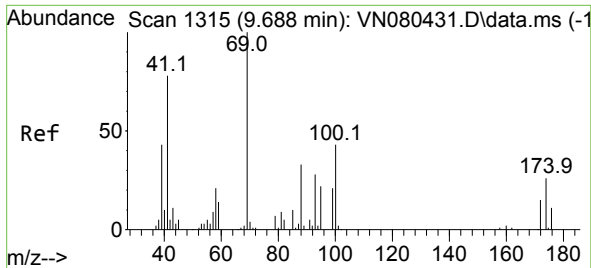
Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion:	41	Resp:	48435
Ion	Ratio	Lower	Upper
41	100		
69	104.3	90.4	135.6
39	62.4	54.6	81.8

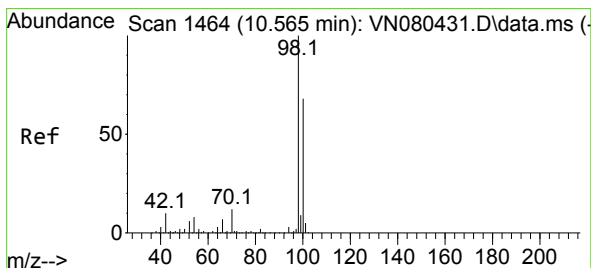
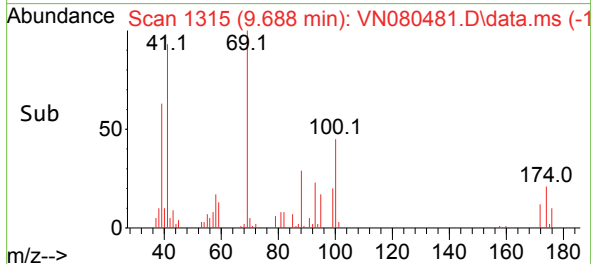
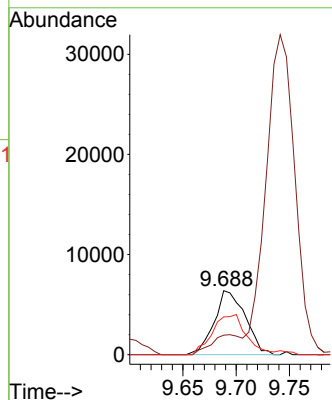
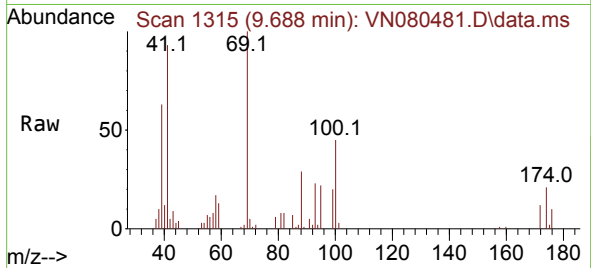




#49
1,4-Dioxane
Concen: 325.345 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

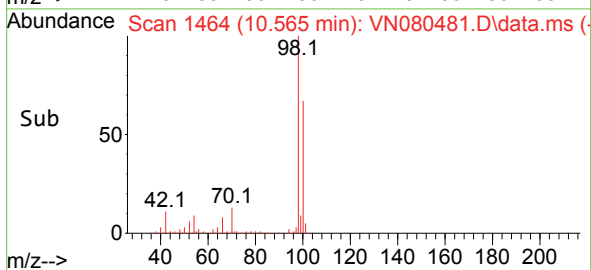
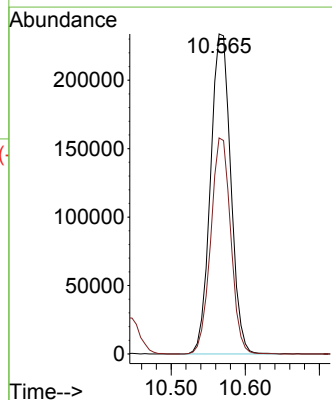
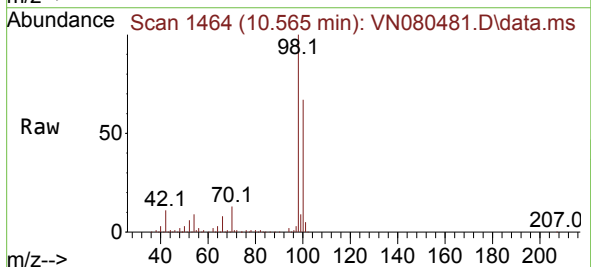
Instrument :
MSVOA_N
ClientSampleId :

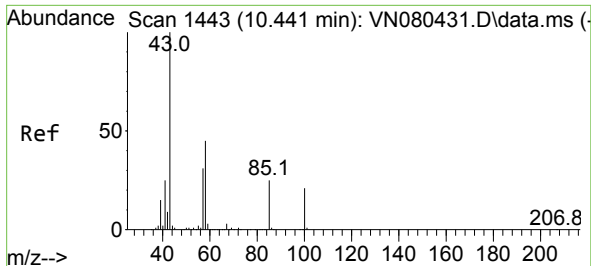
Tgt Ion: 88 Resp: 12970
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6#
58 67.5 47.0 70.4



#50
Toluene-d8
Concen: 49.732 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

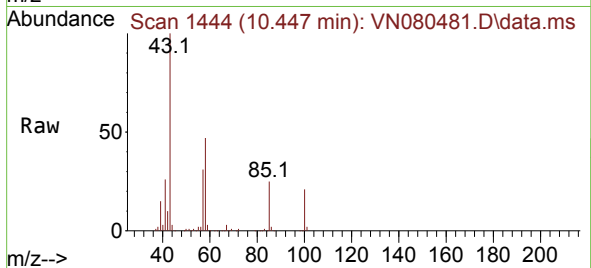
Tgt Ion: 98 Resp: 444030
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



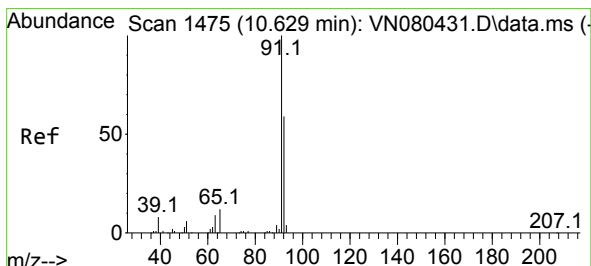
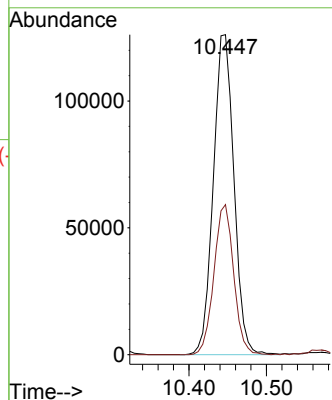
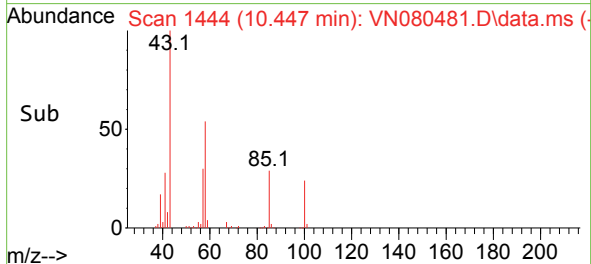


#51
4-Methyl-2-Pentanone
Concen: 96.135 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

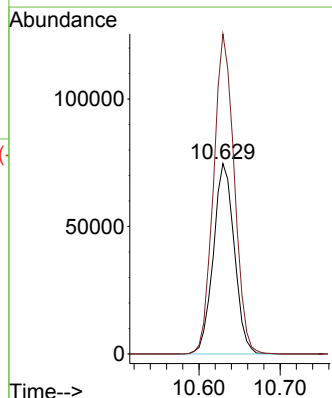
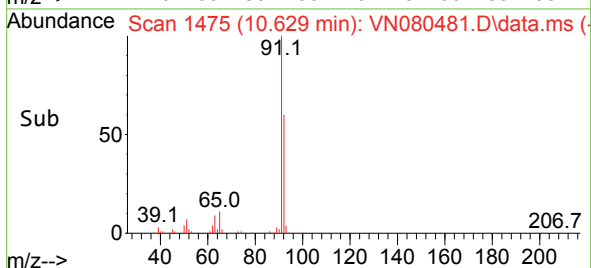
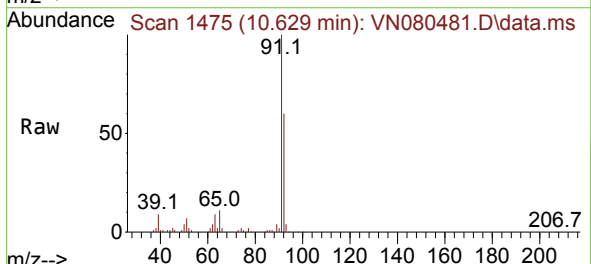


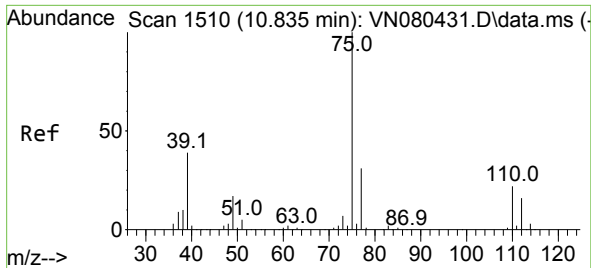
Tgt Ion: 43 Resp: 233350
Ion Ratio Lower Upper
43 100
58 45.0 36.6 54.8



#52
Toluene
Concen: 18.778 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 92 Resp: 134088
Ion Ratio Lower Upper
92 100
91 166.2 137.4 206.0

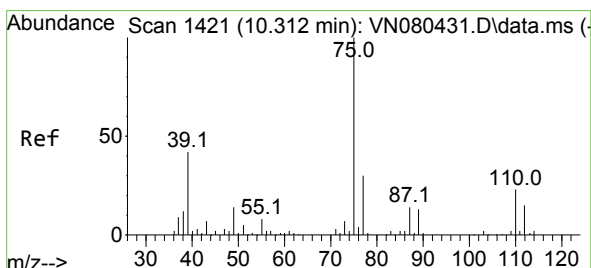
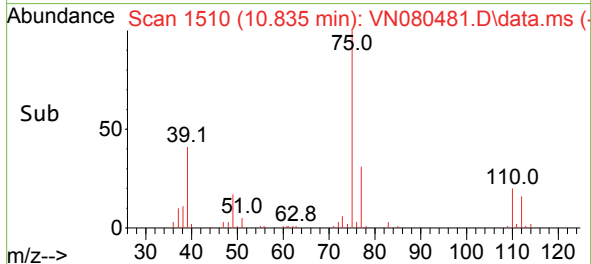
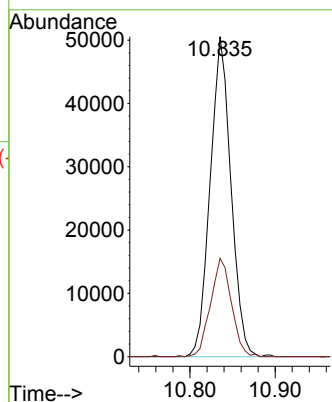
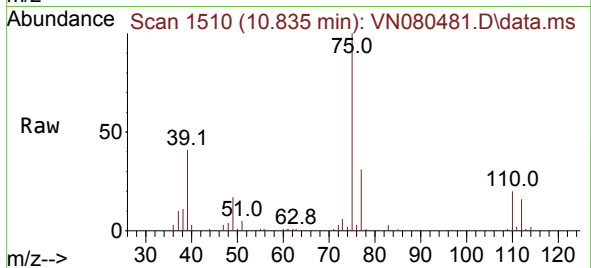




#53
 t-1,3-Dichloropropene
 Concen: 19.370 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

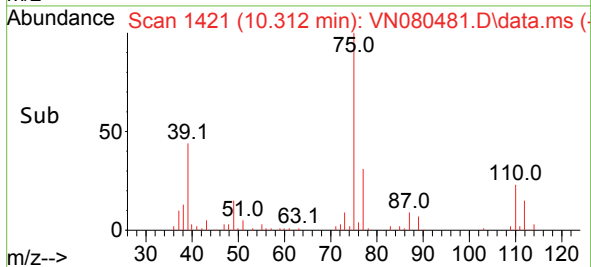
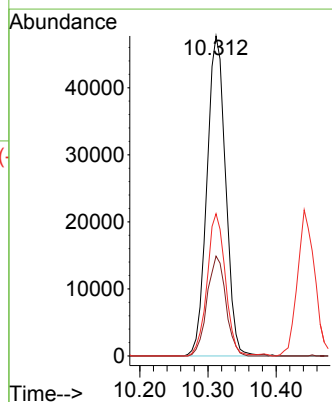
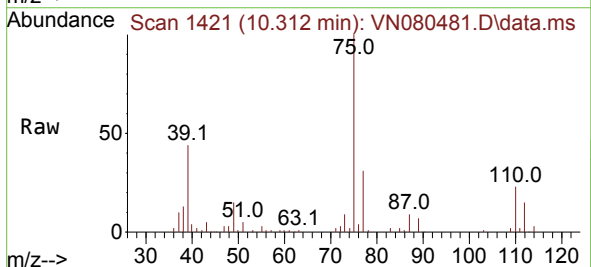
Instrument :
 MSVOA_N
 ClientSampleId :

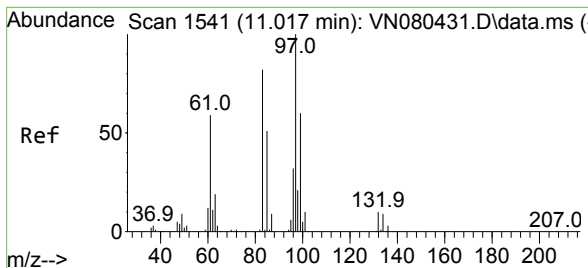
Tgt Ion: 75 Resp: 85635
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.281 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion: 75 Resp: 91107
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 44.4 31.6 47.4

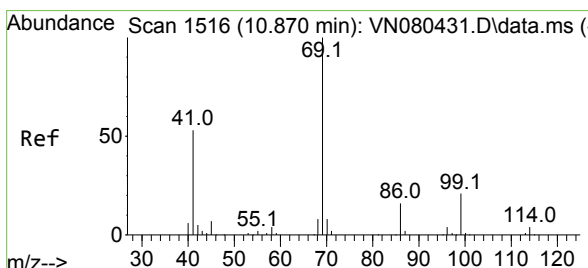
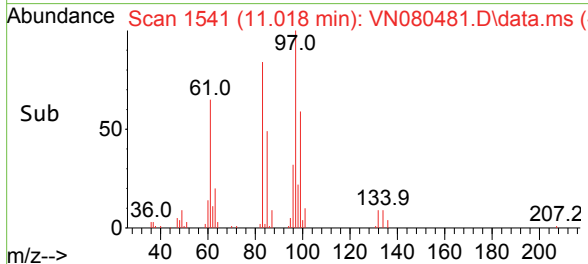
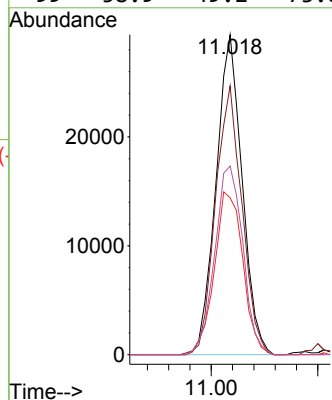
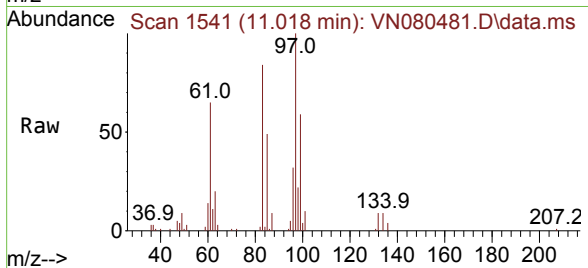




#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

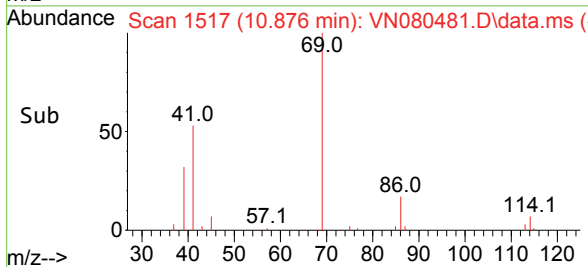
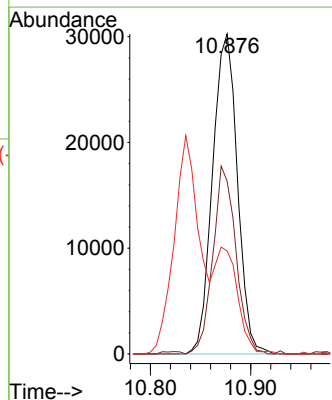
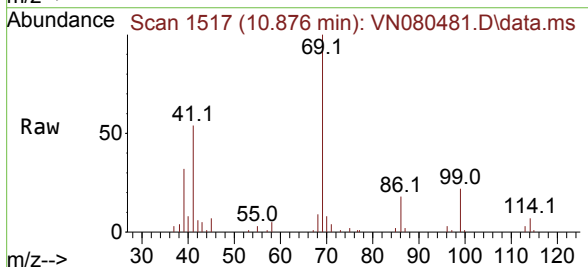
Instrument :
MSVOA_N
ClientSampleId :

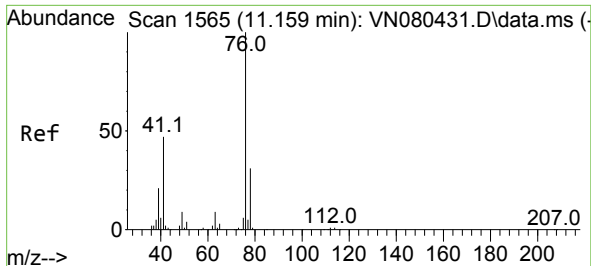
Tgt Ion: 97	Resp: 50008
Ion Ratio	Lower Upper
97 100	
83 84.0	65.1 97.7
85 49.0	43.4 65.2
99 58.9	49.2 73.8



#56
Ethyl methacrylate
Concen: 18.271 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 69	Resp: 51974
Ion Ratio	Lower Upper
69 100	
41 54.7	39.6 59.4
39 31.1	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.313 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

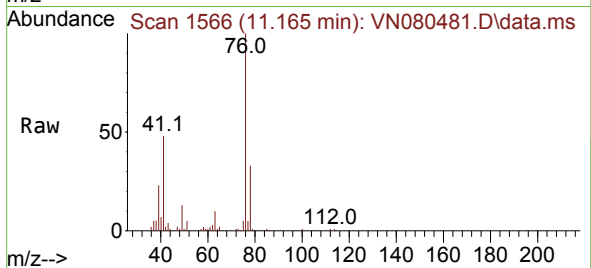
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

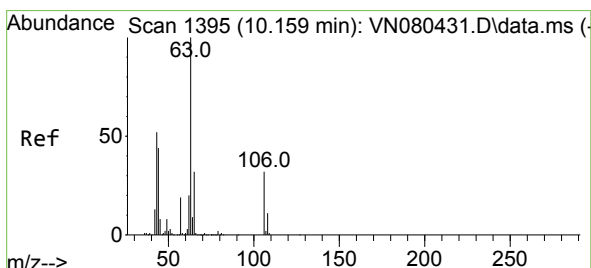
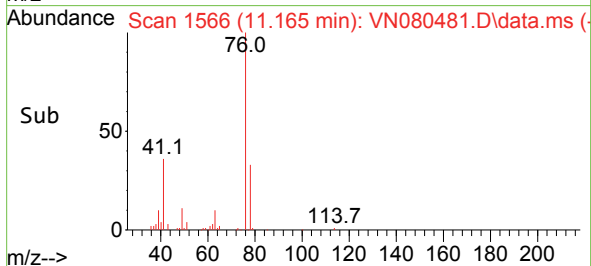
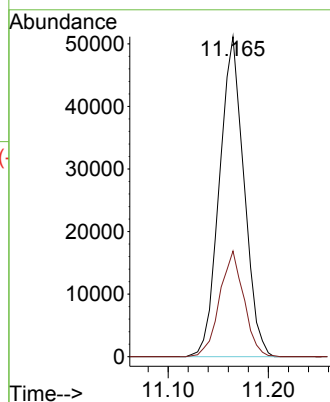


Tgt Ion: 76 Resp: 86990

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 109.717 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080481.D

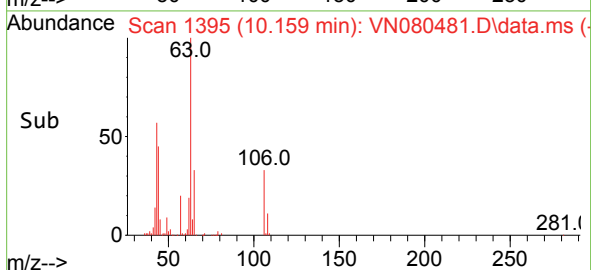
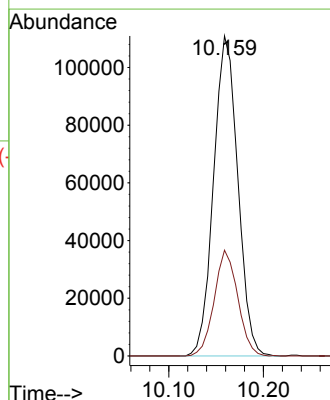
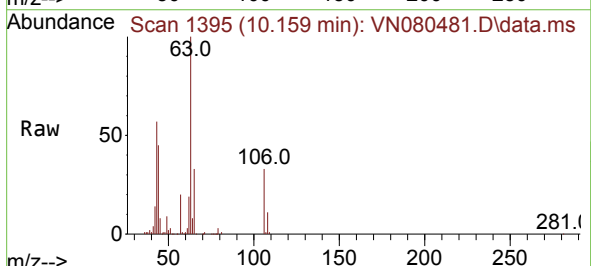
Acq: 14 Dec 2023 14:11

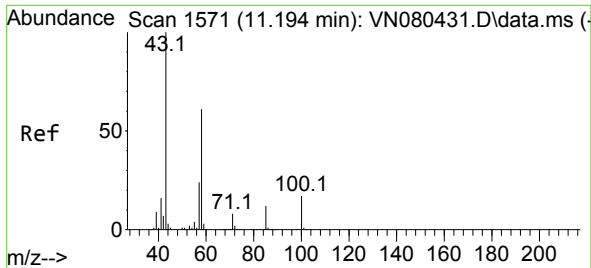
Tgt Ion: 63 Resp: 197035

Ion Ratio Lower Upper

63 100

106 32.1 26.2 39.4

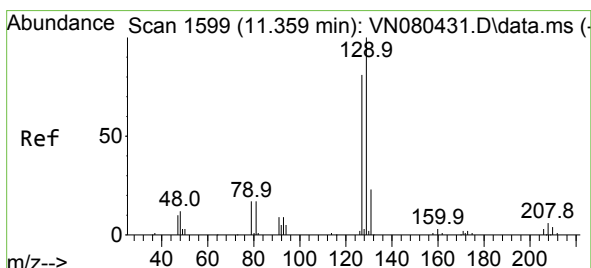
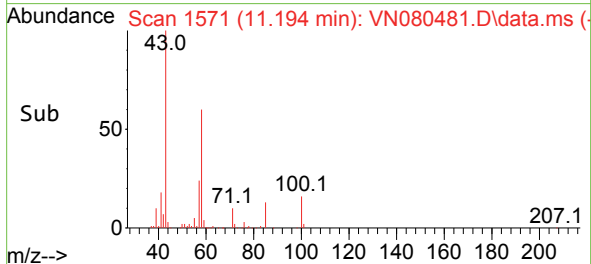
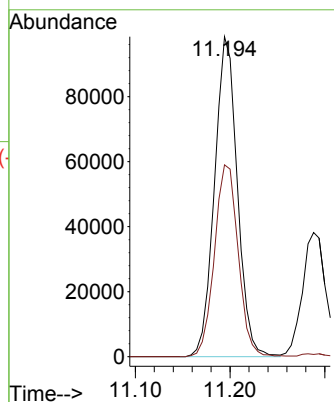
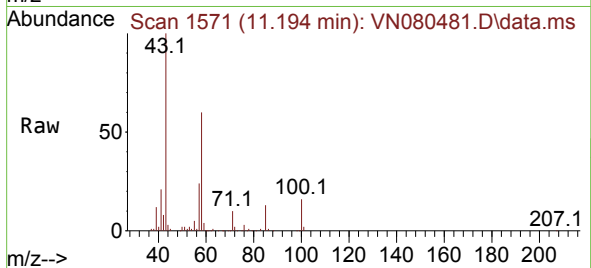




#59
2-Hexanone
Concen: 91.989 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

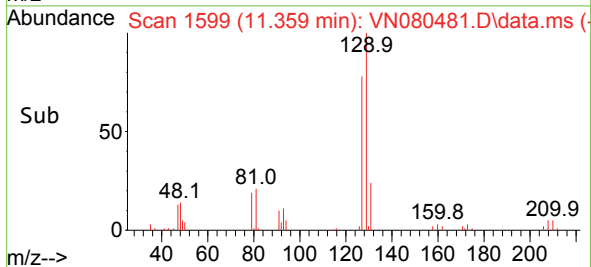
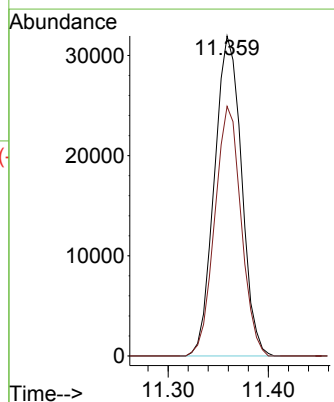
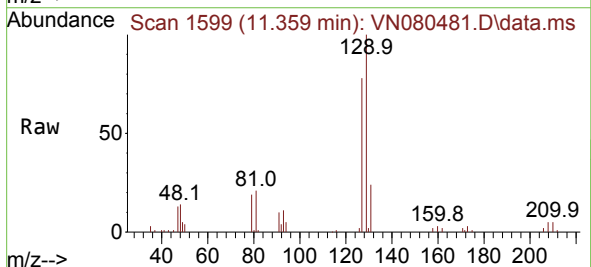
Instrument :
MSVOA_N
ClientSampleId :

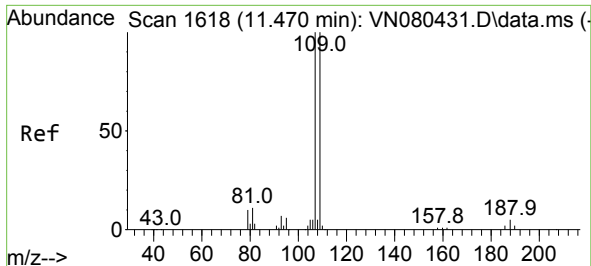
Tgt Ion: 43 Resp: 164840
Ion Ratio Lower Upper
43 100
58 62.4 31.7 95.1



#60
Dibromochloromethane
Concen: 19.654 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 129 Resp: 59841
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

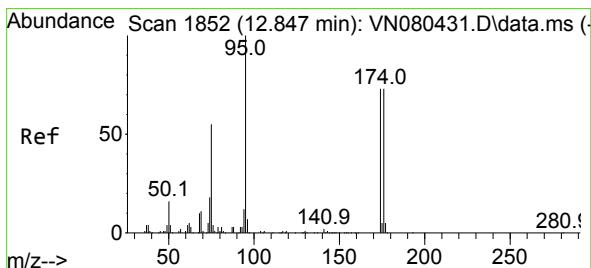
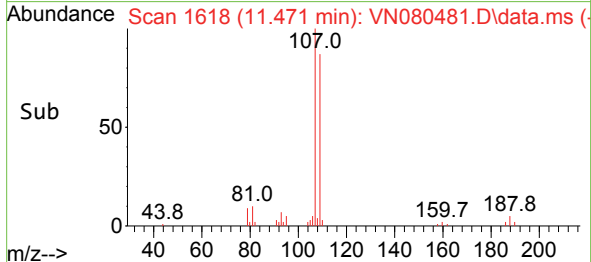
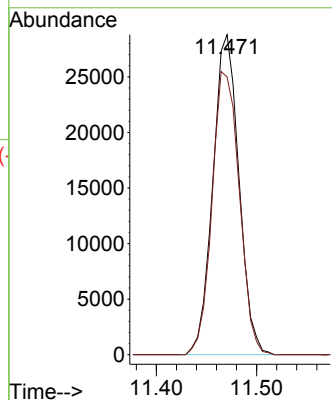
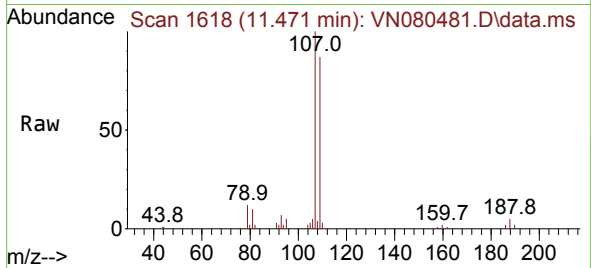




#61
1,2-Dibromoethane
Concen: 19.563 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

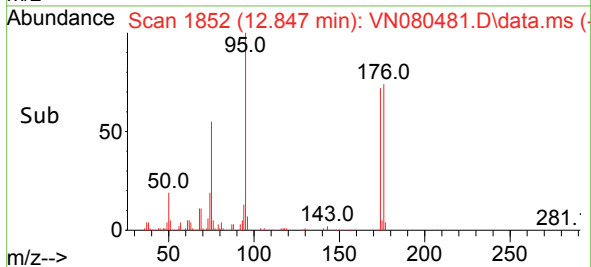
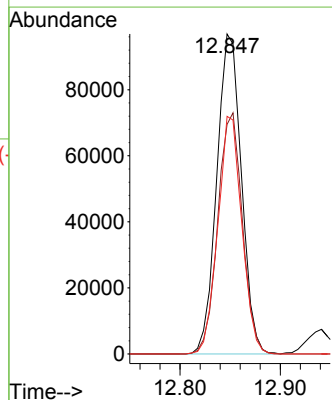
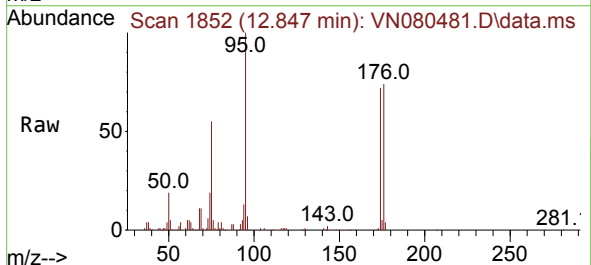
Instrument :
MSVOA_N
ClientSampleId :

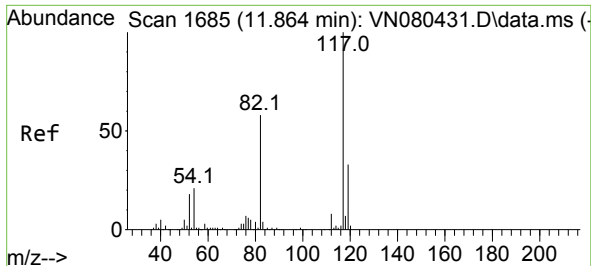
Tgt Ion:107 Resp: 52024
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.744 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

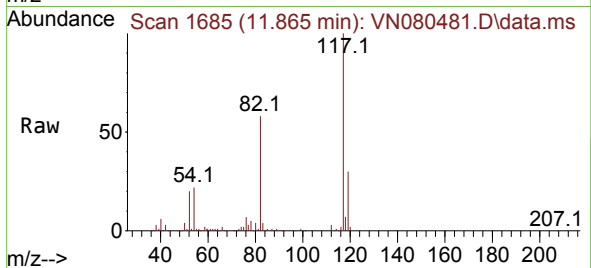
Tgt Ion: 95 Resp: 165260
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.3 0.0 135.8



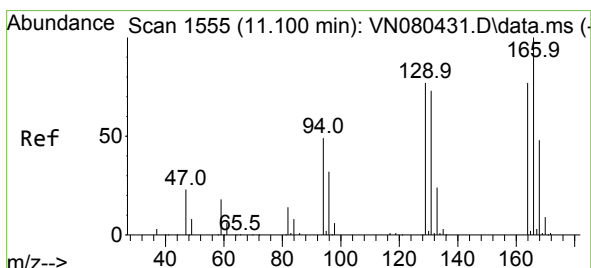
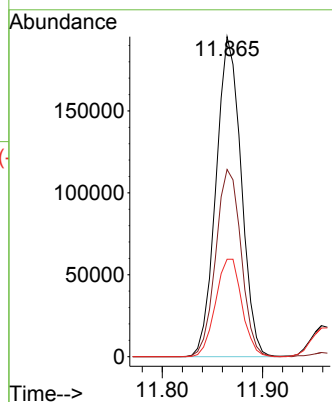
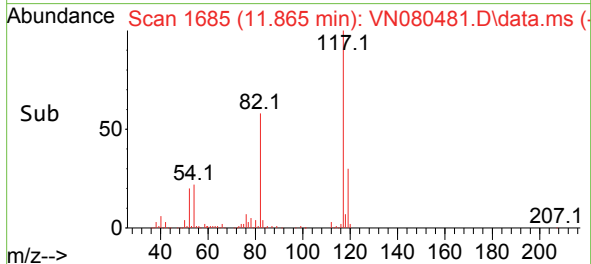


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

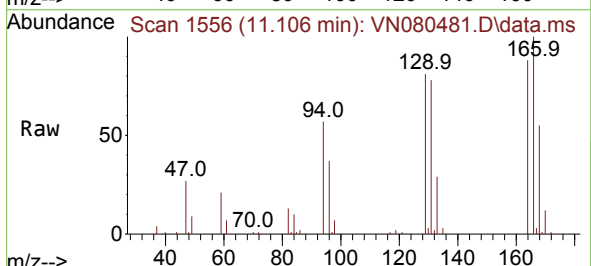
Instrument :
MSVOA_N
ClientSampleId :



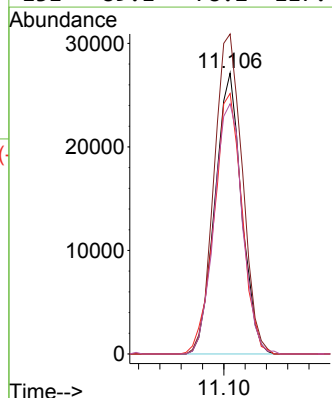
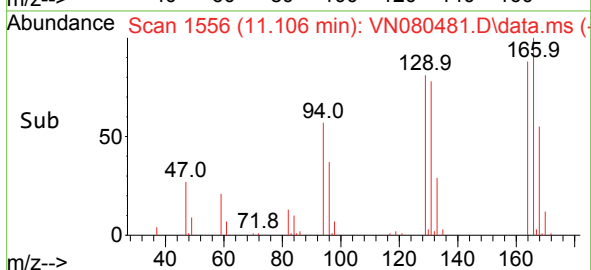
Tgt Ion:117 Resp: 339694
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 30.5 25.6 38.4

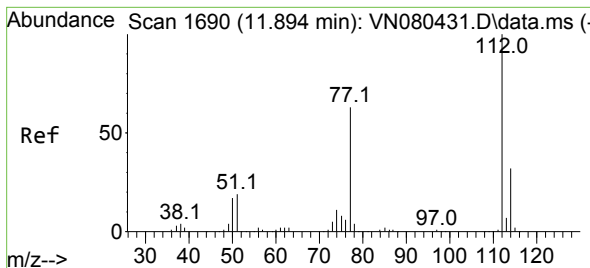


#64
Tetrachloroethene
Concen: 17.881 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11



Tgt Ion:164 Resp: 46897
Ion Ratio Lower Upper
164 100
166 113.9 101.4 152.0
129 92.7 82.4 123.6
131 89.1 78.2 117.4





#65

Chlorobenzene

Concen: 18.274 ug/l

RT: 11.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

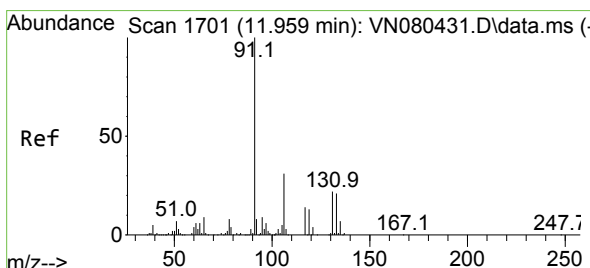
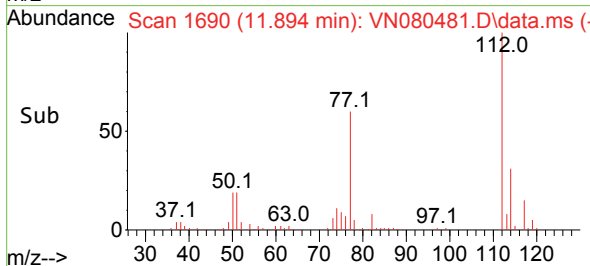
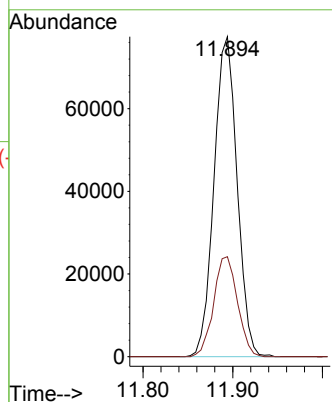
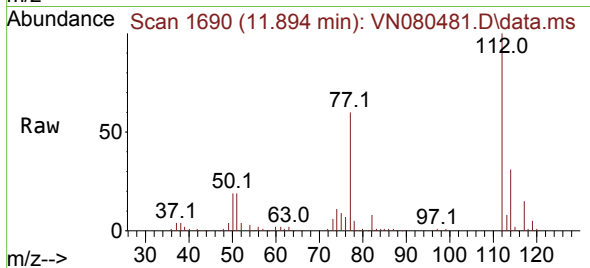
ClientSampleId :

Tgt Ion:112 Resp: 138088

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.166 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

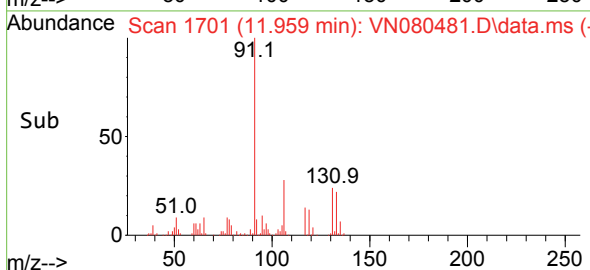
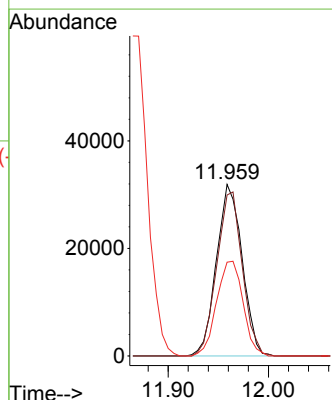
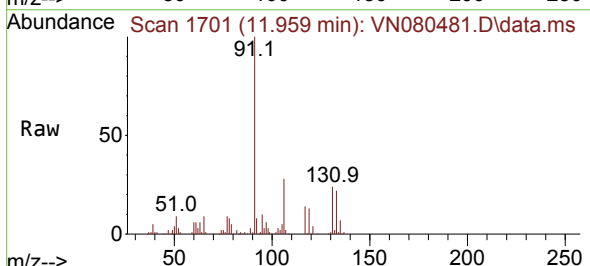
Tgt Ion:131 Resp: 56828

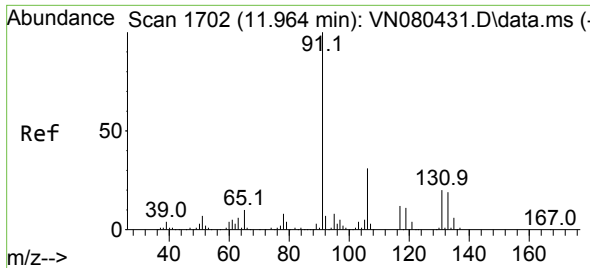
Ion Ratio Lower Upper

131 100

133 94.9 46.4 139.1

119 56.6 34.1 102.2

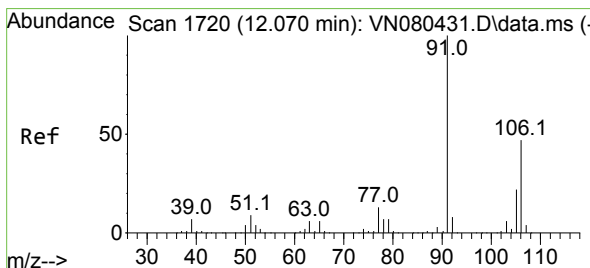
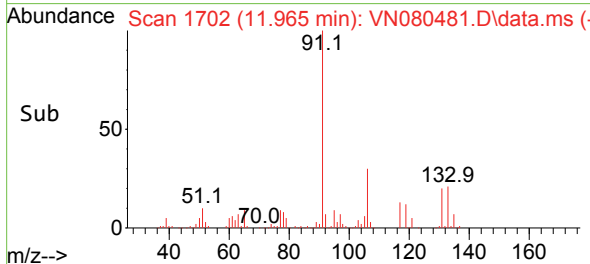
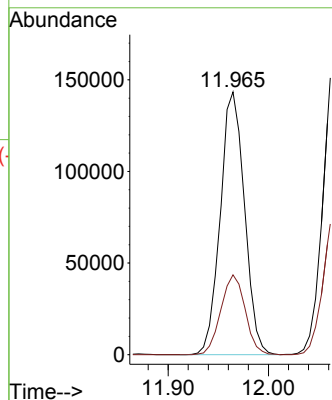
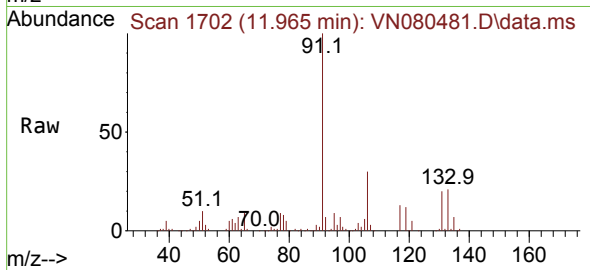




#67
Ethyl Benzene
Concen: 17.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

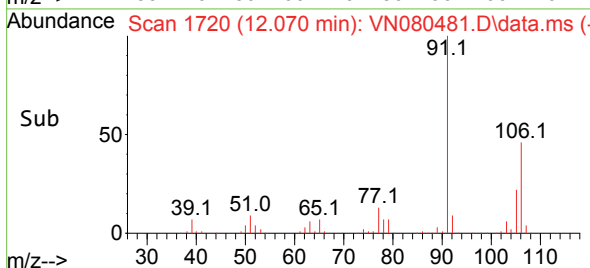
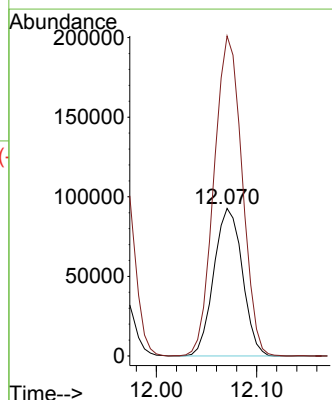
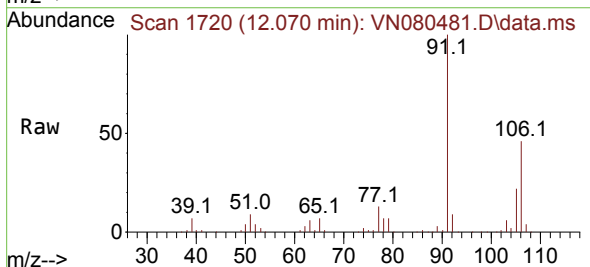
Instrument :
MSVOA_N
ClientSampleId :

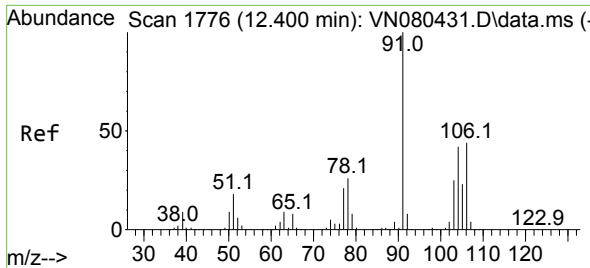
Tgt Ion: 91 Resp: 240509
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4



#68
m/p-Xylenes
Concen: 35.607 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 106 Resp: 182817
Ion Ratio Lower Upper
106 100
91 214.3 159.6 239.4

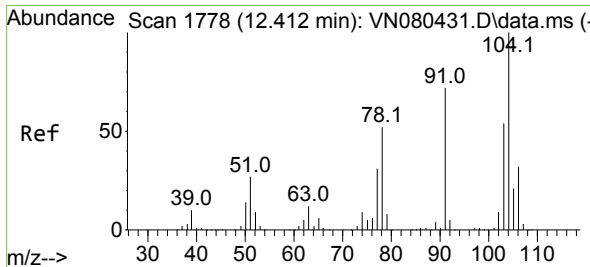
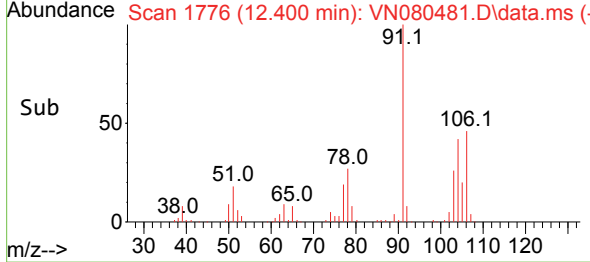
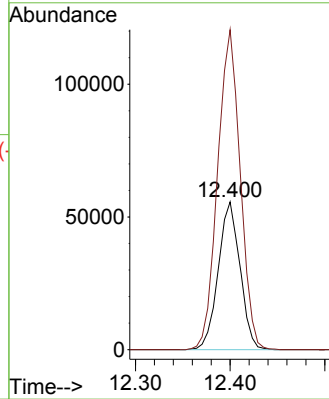
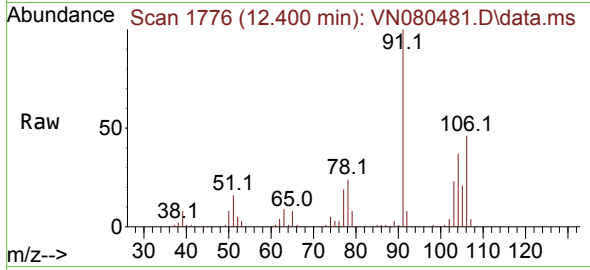




#69
o-Xylene
Concen: 17.719 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

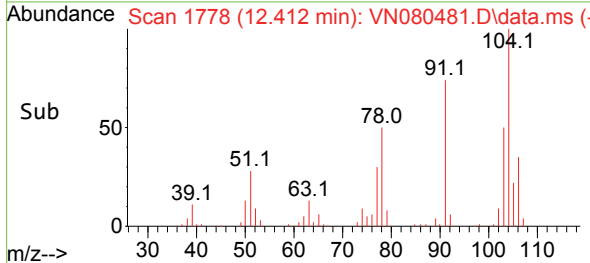
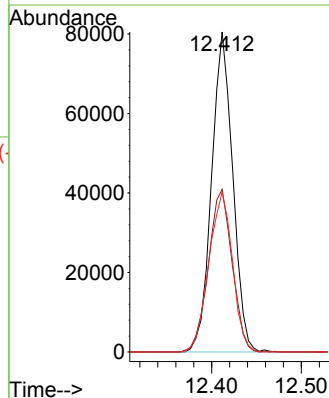
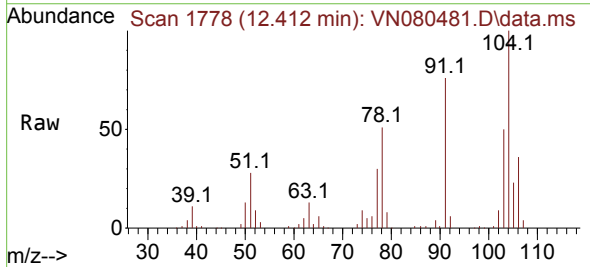
Instrument :
MSVOA_N
ClientSampleId :

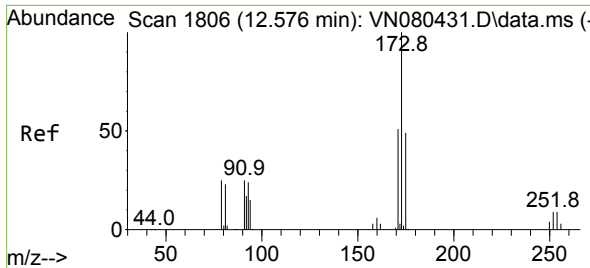
Tgt Ion:106 Resp: 88983
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5



#70
Styrene
Concen: 18.220 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:104 Resp: 131800
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 55.8 43.2 64.8

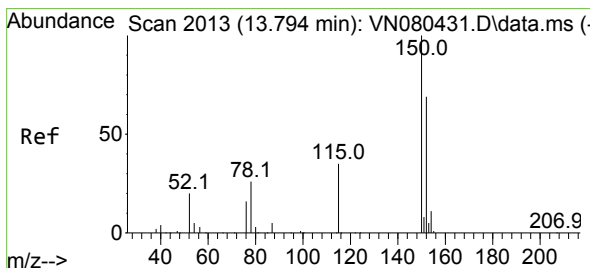
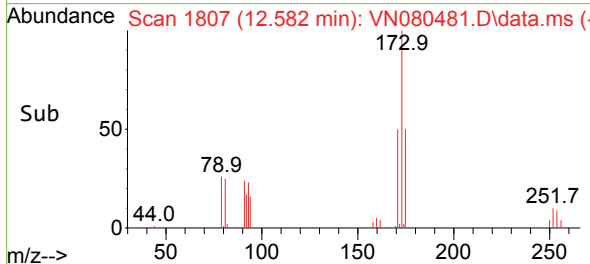
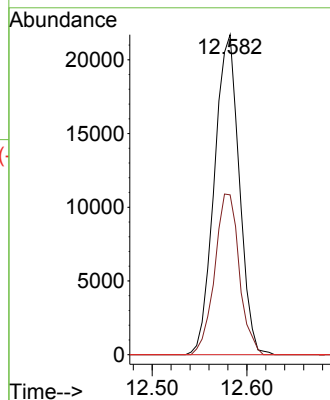
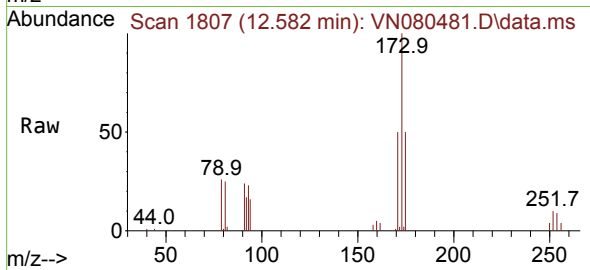




#71
Bromoform
Concen: 18.313 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

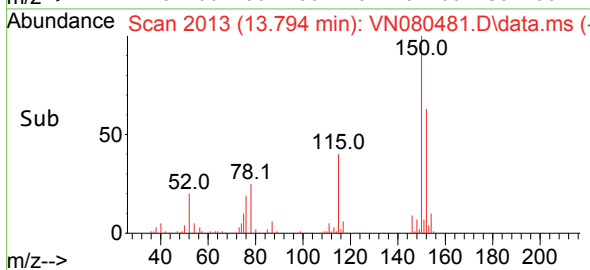
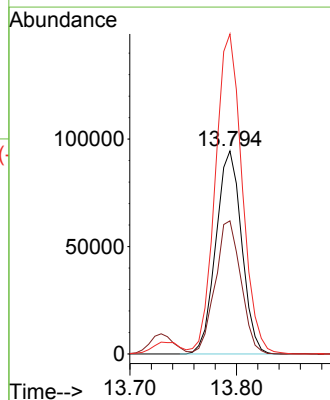
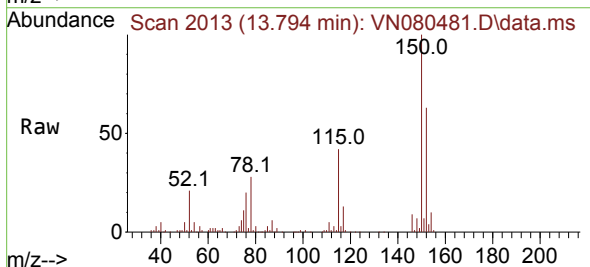
Instrument :
MSVOA_N
ClientSampleId :

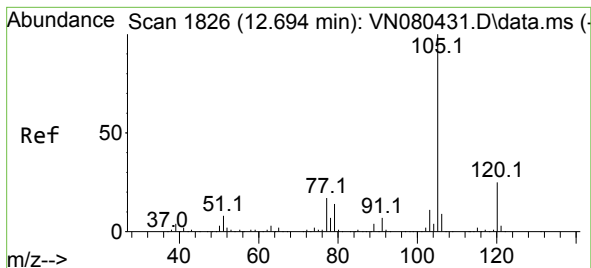
Tgt Ion:173 Resp: 39598
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:152 Resp: 158366
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 164.4 0.0 355.8





#73

Isopropylbenzene

Concen: 17.818 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

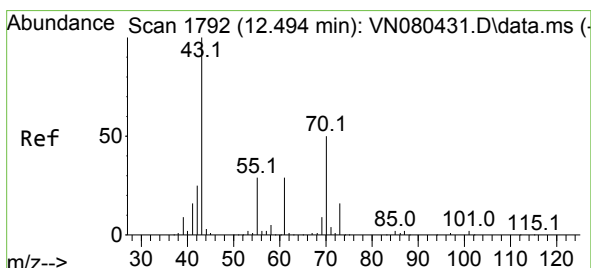
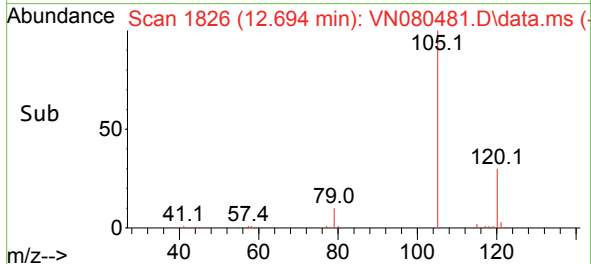
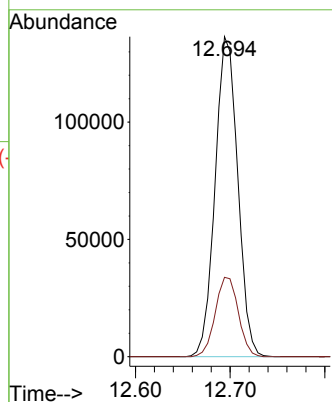
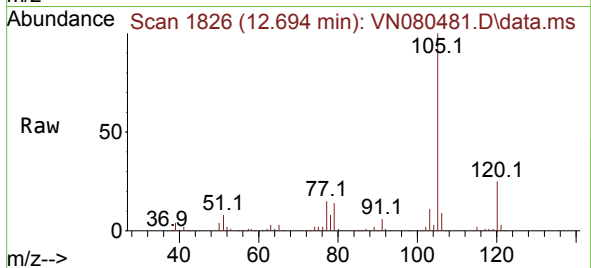
ClientSampleId :

Tgt Ion:105 Resp: 226678

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 16.996 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Tgt Ion: 43 Resp: 63140

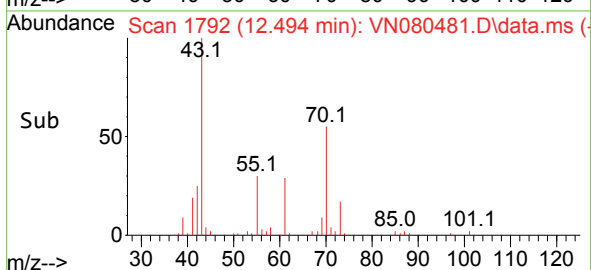
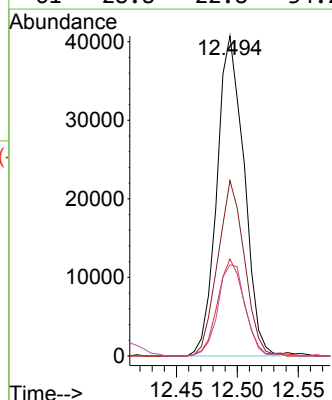
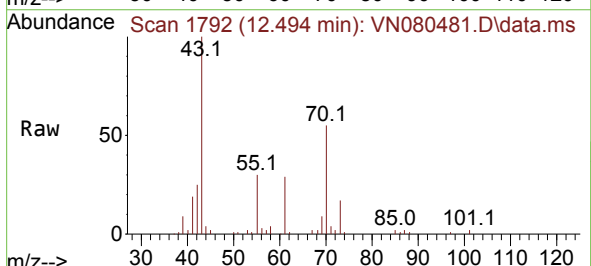
Ion Ratio Lower Upper

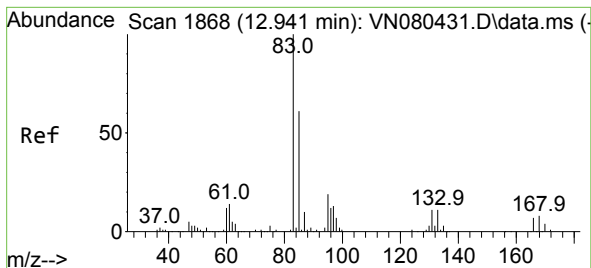
43 100

70 54.1 43.4 65.2

55 30.3 21.4 32.0

61 28.8 22.8 34.2

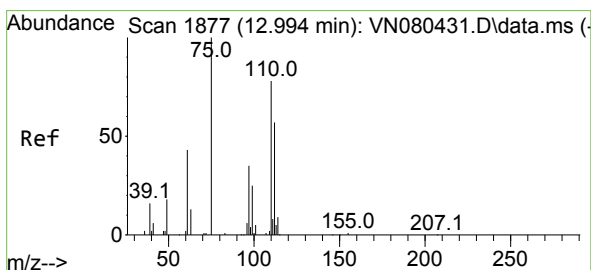
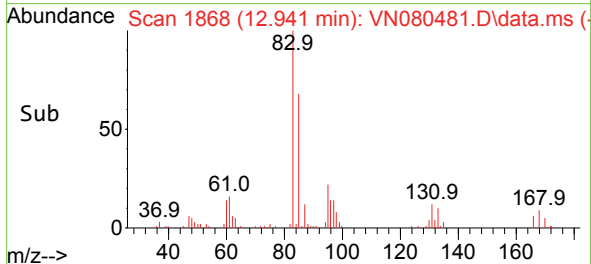
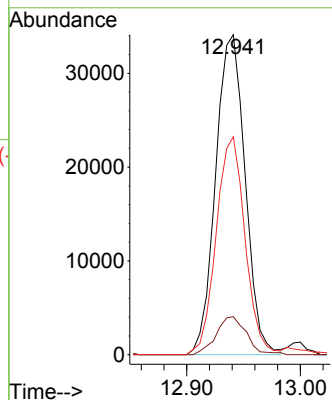
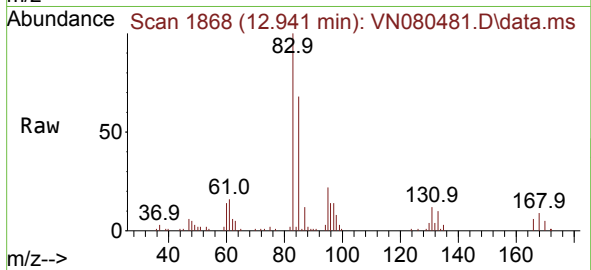




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.067 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

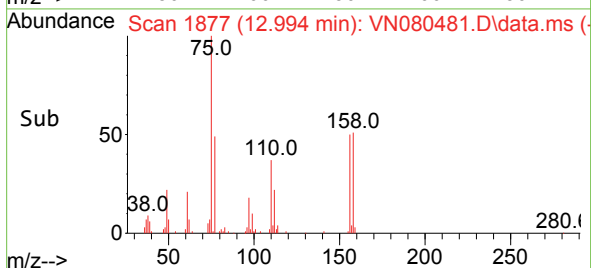
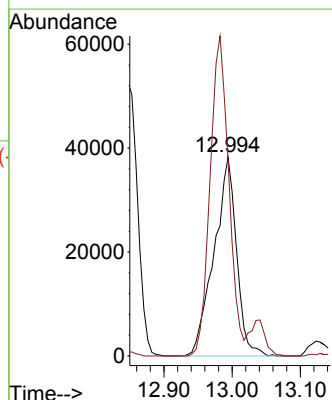
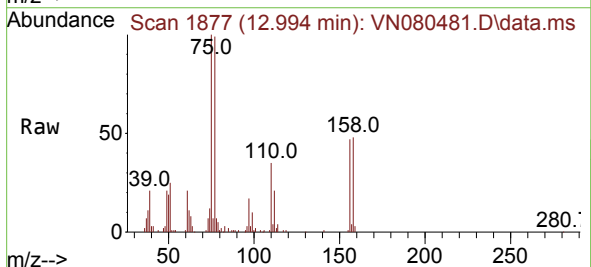
Instrument :
 MSVOA_N
 ClientSampleId :

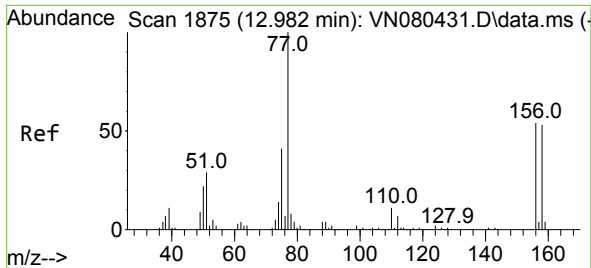
Tgt Ion: 83 Resp: 61589
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.0 15.0
 85 66.5 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.839 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion: 75 Resp: 87952
 Ion Ratio Lower Upper
 75 100
 77 134.1 84.5 253.5

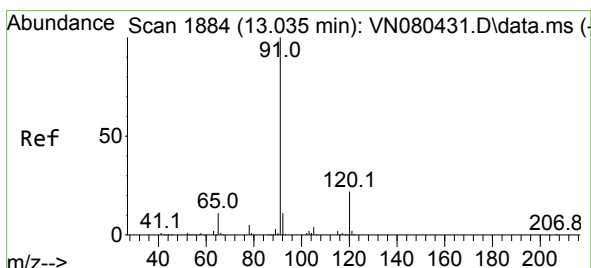
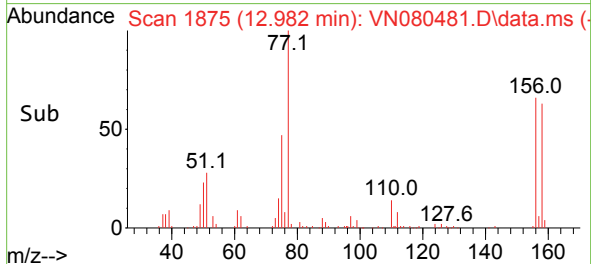
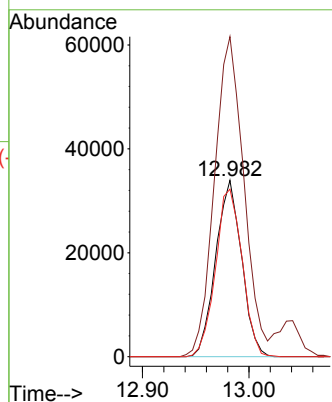
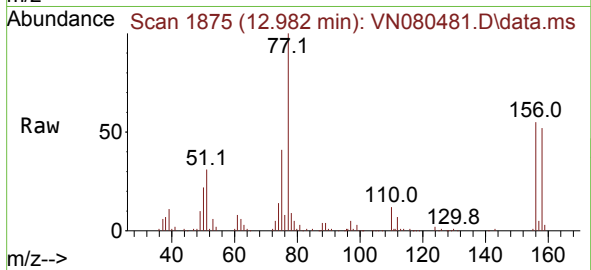




#77
Bromobenzene
Concen: 18.329 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

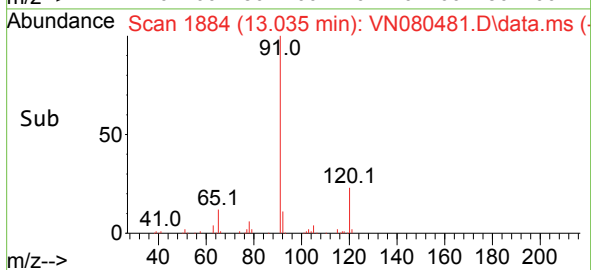
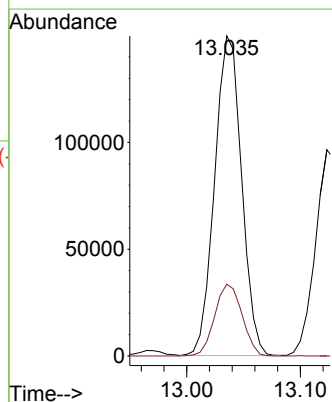
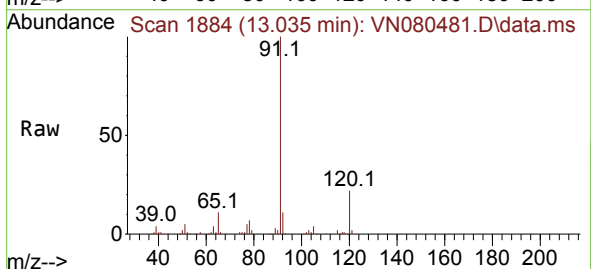
Instrument :
MSVOA_N
ClientSampleId :

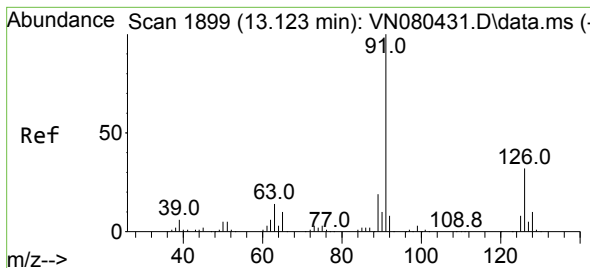
Tgt Ion:156 Resp: 57361
Ion Ratio Lower Upper
156 100
77 205.6 107.7 323.3
158 97.5 48.4 145.3



#78
n-propylbenzene
Concen: 17.585 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion: 91 Resp: 246659
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.128 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

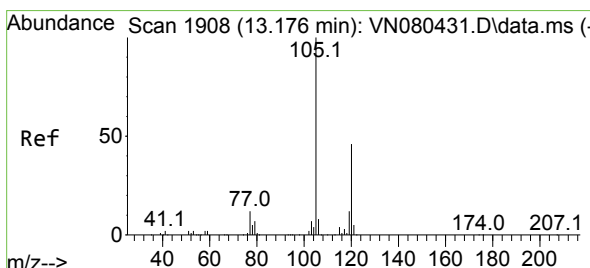
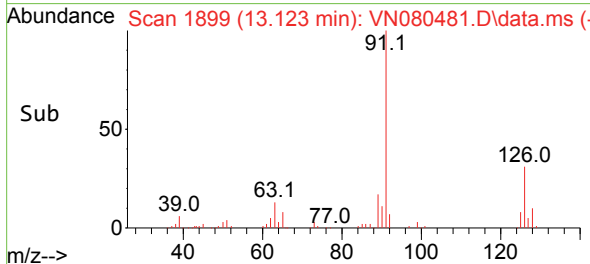
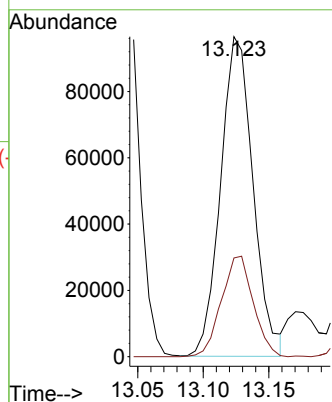
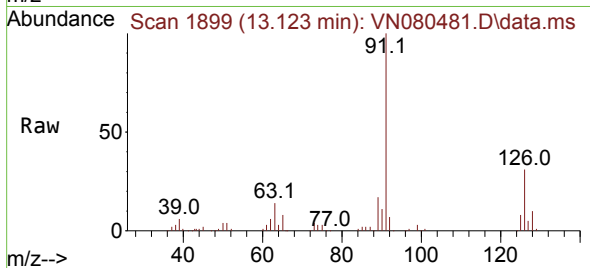
ClientSampleId :

Tgt Ion: 91 Resp: 166011

Ion Ratio Lower Upper

91 100

126 30.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.808 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080481.D

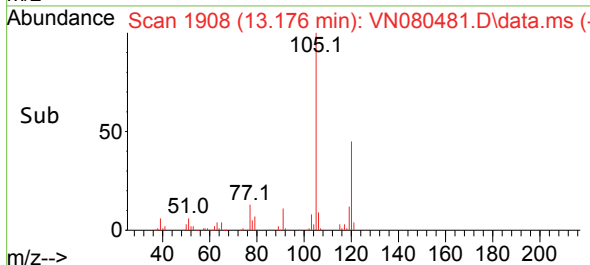
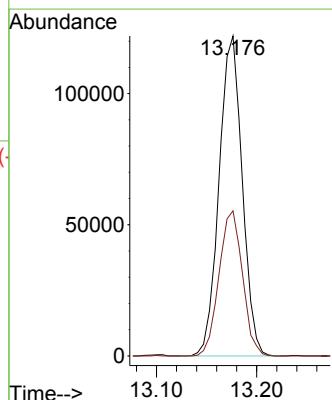
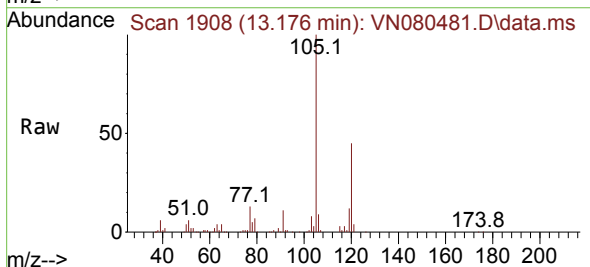
Acq: 14 Dec 2023 14:11

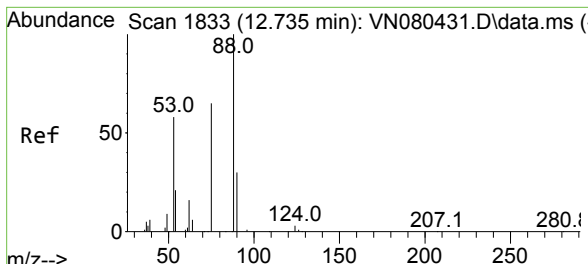
Tgt Ion: 105 Resp: 195116

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.3

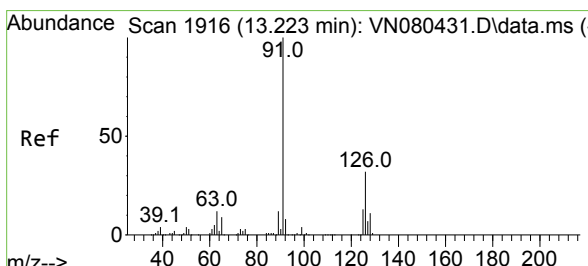
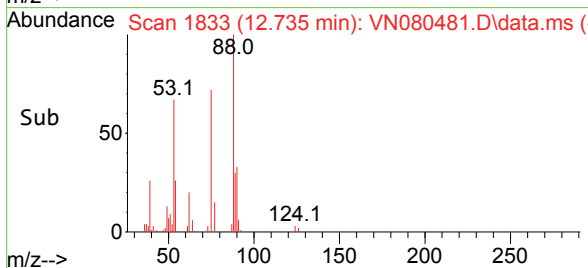
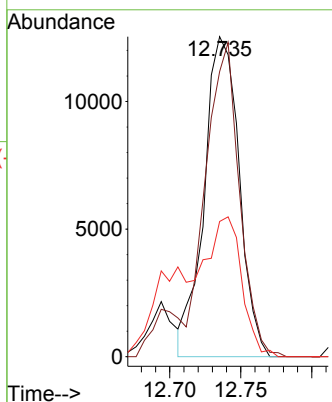
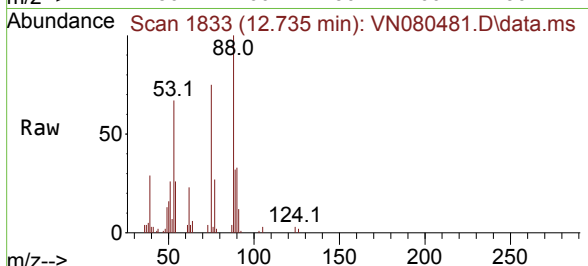




#81
 trans-1,4-Dichloro-2-butene
 Concen: 17.829 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

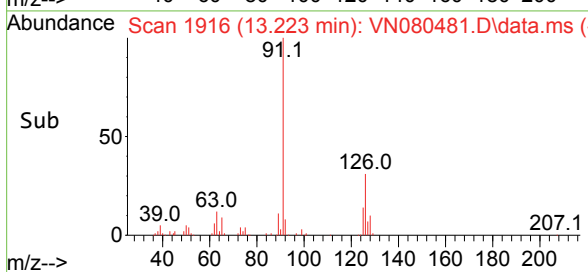
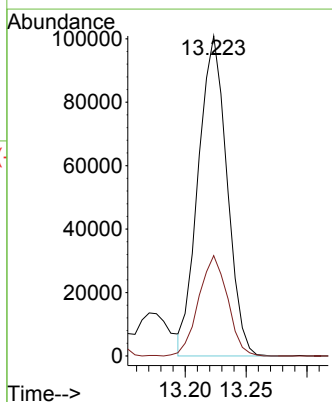
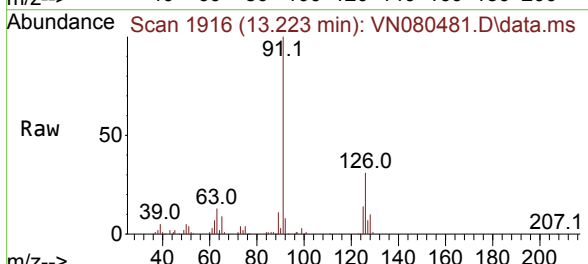
Instrument :
 MSVOA_N
 ClientSampleId :

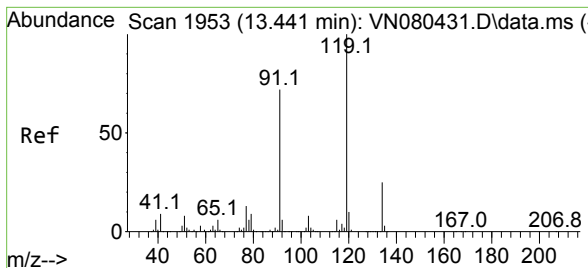
Tgt Ion:	75	Resp:	21453
Ion	Ratio	Lower	Upper
75	100		
53	93.6	67.4	101.2
89	43.8	38.8	58.2



#82
 4-Chlorotoluene
 Concen: 17.554 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion:	91	Resp:	165226
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.7	50.0





#83

tert-Butylbenzene

Concen: 16.924 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

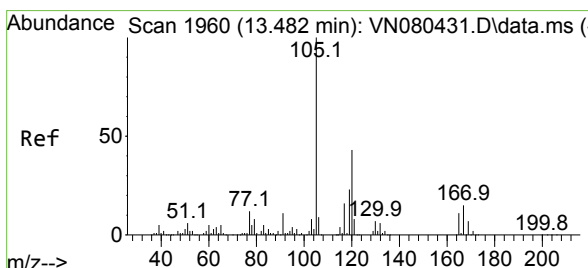
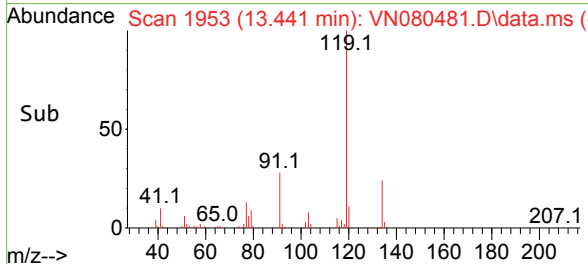
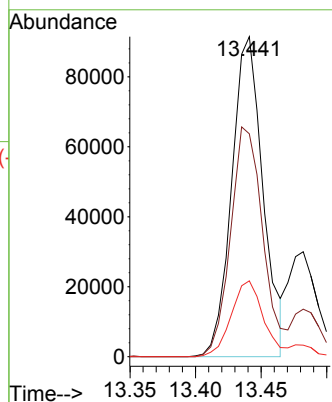
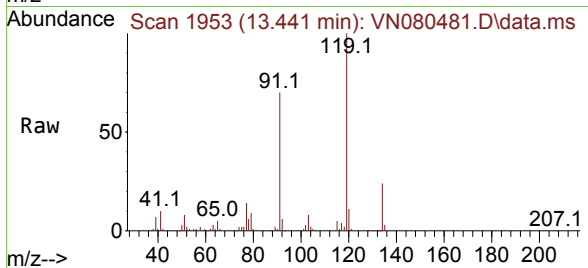
Tgt Ion:119 Resp: 151861

Ion Ratio Lower Upper

119 100

91 75.0 33.9 101.7

134 24.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.134 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080481.D

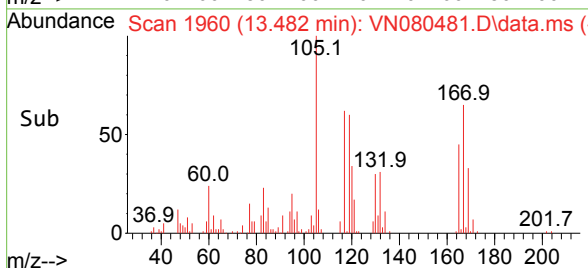
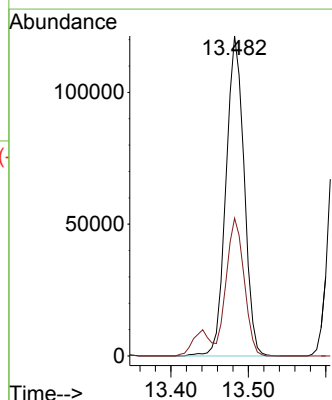
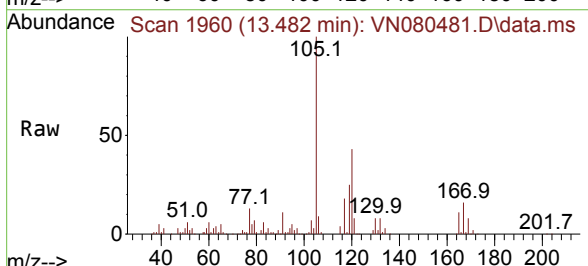
Acq: 14 Dec 2023 14:11

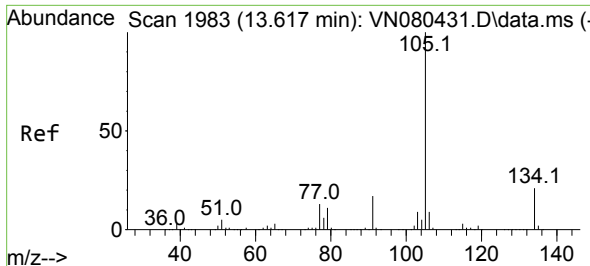
Tgt Ion:105 Resp: 197659

Ion Ratio Lower Upper

105 100

120 42.0 22.0 66.0

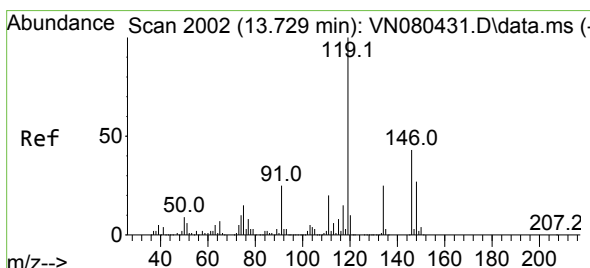
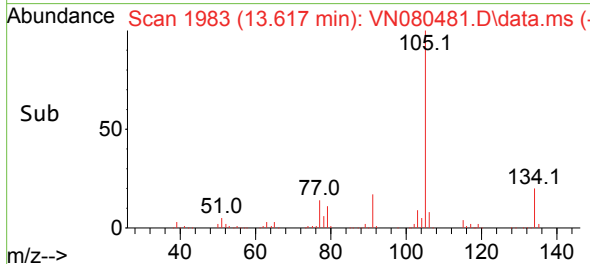
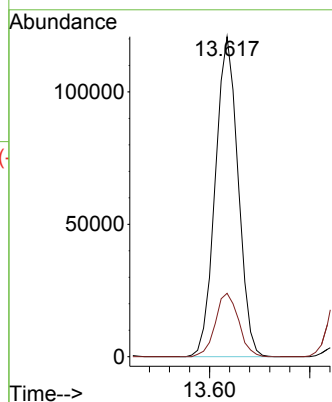
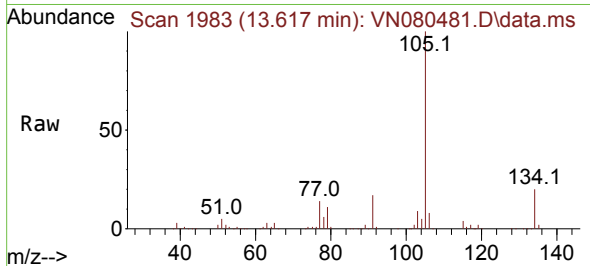




#85
 sec-Butylbenzene
 Concen: 16.605 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

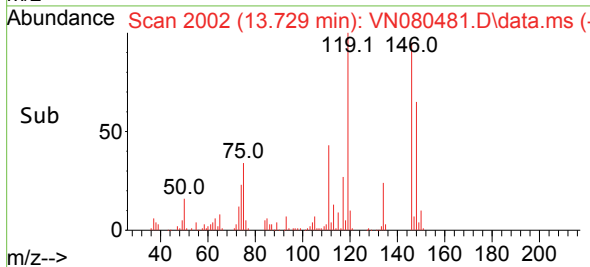
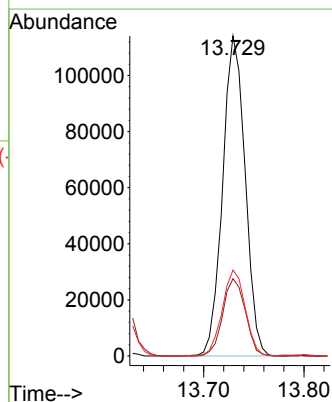
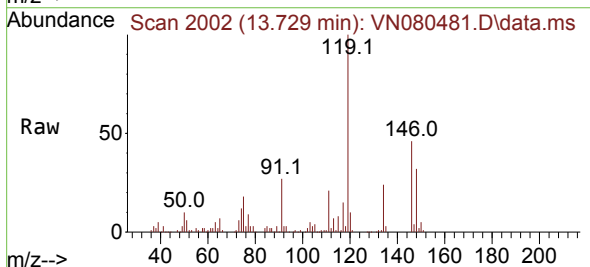
Instrument :
 MSVOA_N
 ClientSampleId :

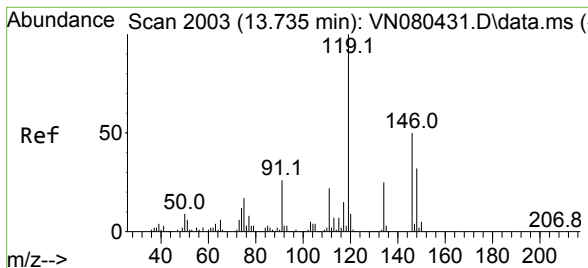
Tgt Ion:105 Resp: 190605
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.106 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080481.D
 Acq: 14 Dec 2023 14:11

Tgt Ion:119 Resp: 177289
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 27.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.550 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

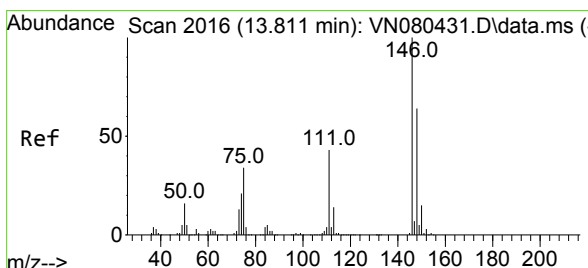
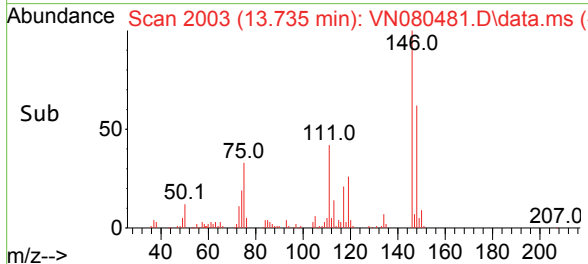
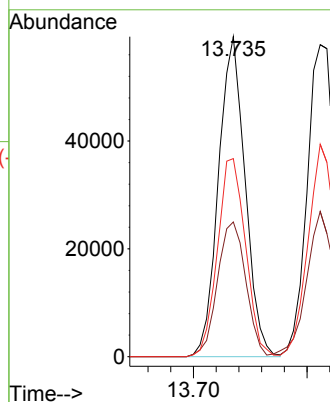
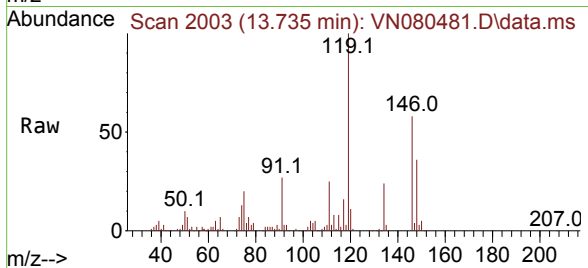
Tgt Ion:146 Resp: 96773

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.3

148 65.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.088 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

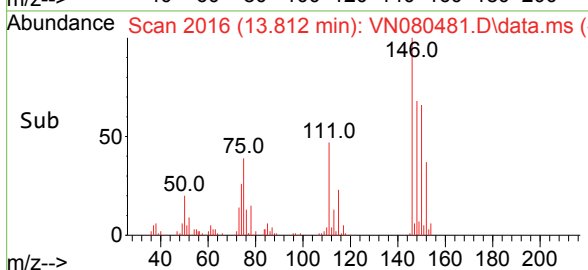
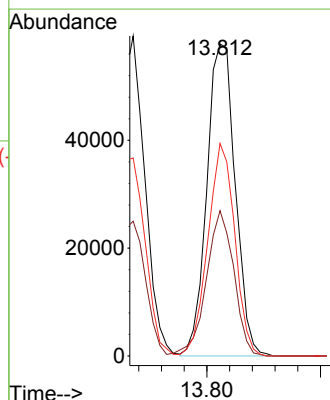
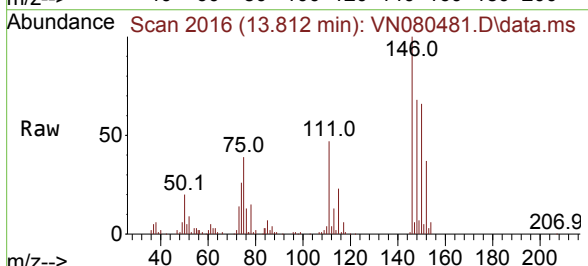
Tgt Ion:146 Resp: 100680

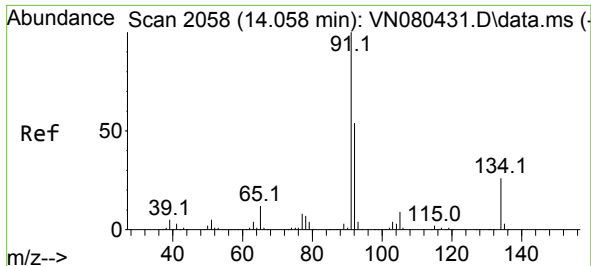
Ion Ratio Lower Upper

146 100

111 45.0 20.6 61.8

148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 16.134 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

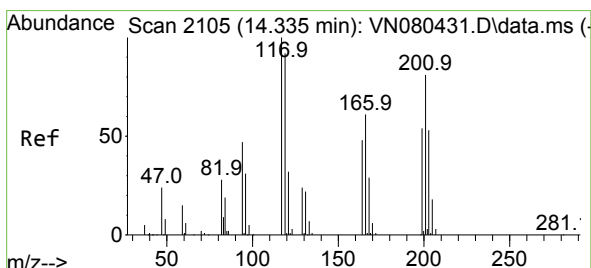
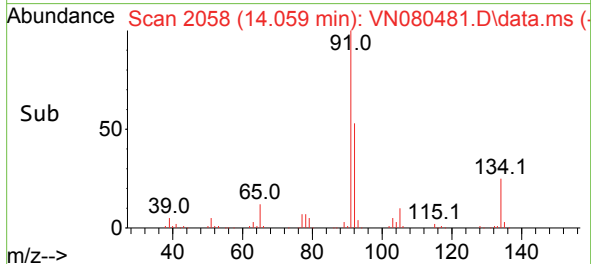
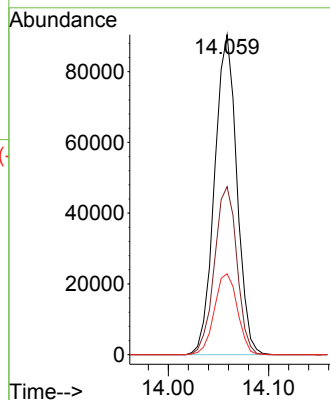
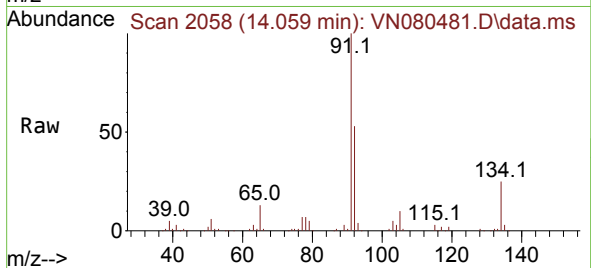
Tgt Ion: 91 Resp: 139643

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 17.281 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080481.D

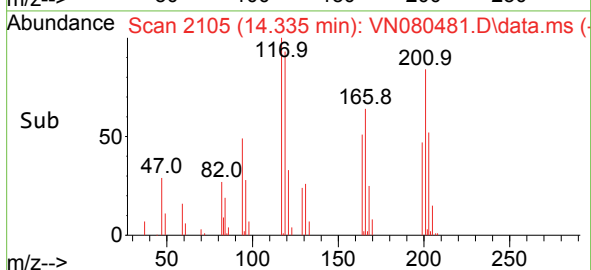
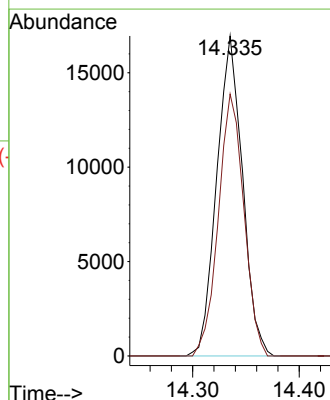
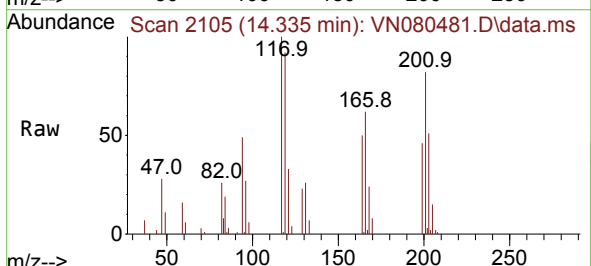
Acq: 14 Dec 2023 14:11

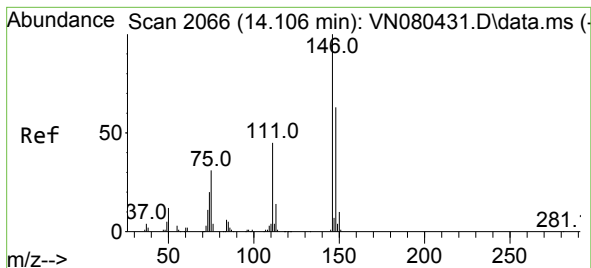
Tgt Ion: 117 Resp: 28445

Ion Ratio Lower Upper

117 100

201 81.1 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.431 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :

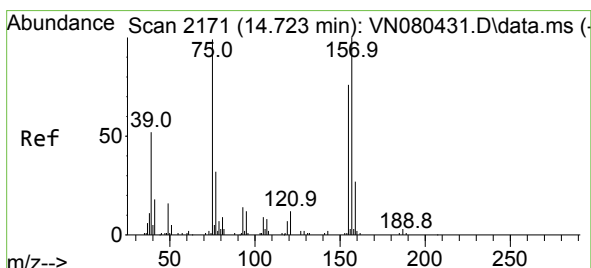
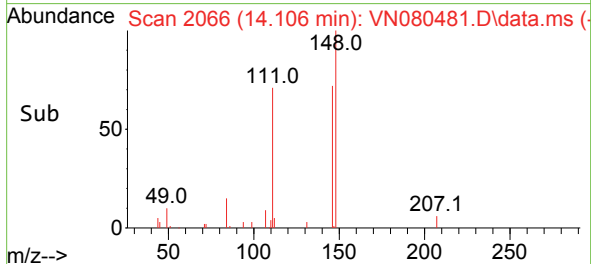
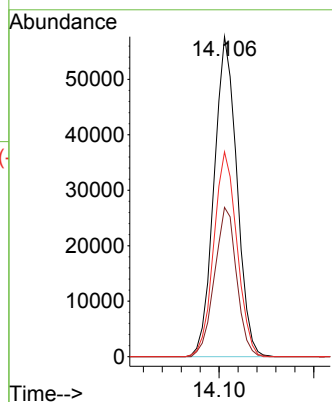
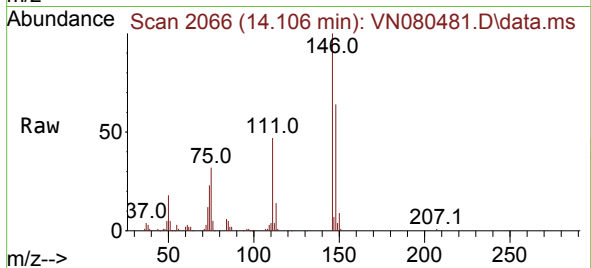
Tgt Ion:146 Resp: 96506

Ion Ratio Lower Upper

146 100

111 45.3 22.0 66.0

148 65.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.102 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

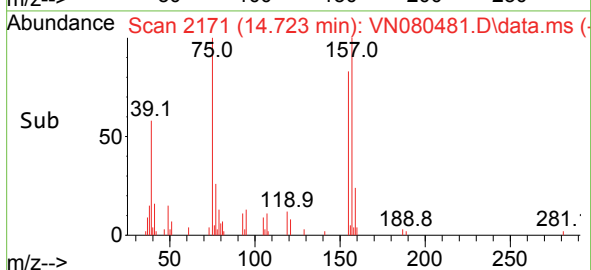
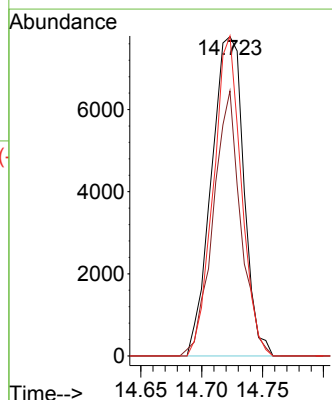
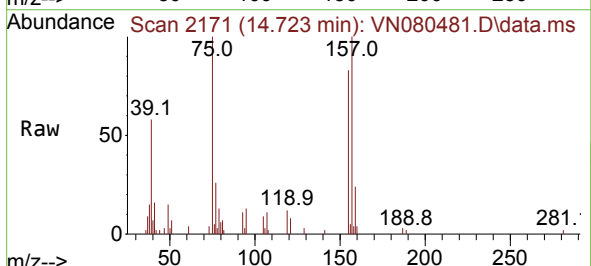
Tgt Ion: 75 Resp: 14414

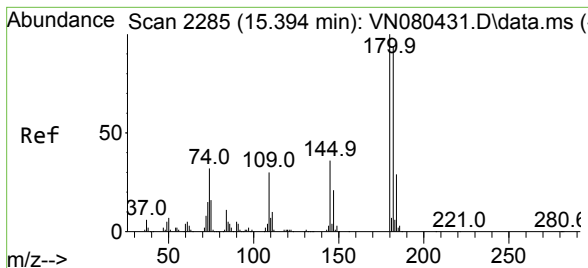
Ion Ratio Lower Upper

75 100

155 70.8 39.1 117.2

157 86.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.999 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

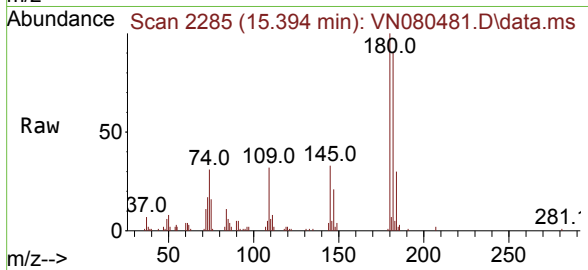
Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

Instrument :

MSVOA_N

ClientSampleId :



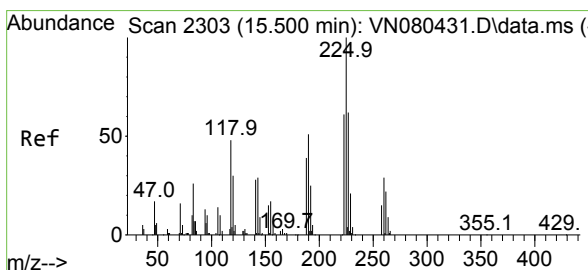
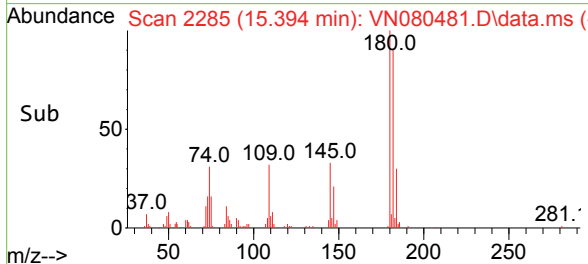
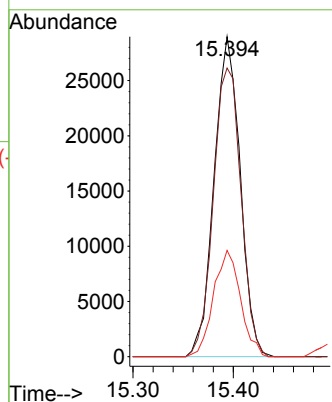
Tgt Ion:180 Resp: 52325

Ion Ratio Lower Upper

180 100

182 95.7 46.1 138.2

145 34.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 16.385 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080481.D

Acq: 14 Dec 2023 14:11

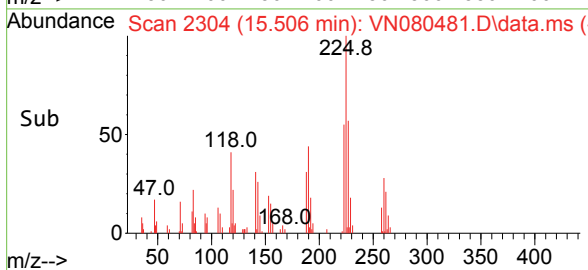
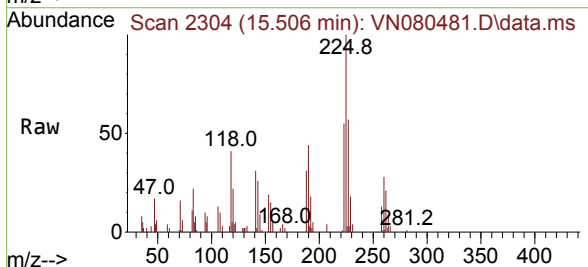
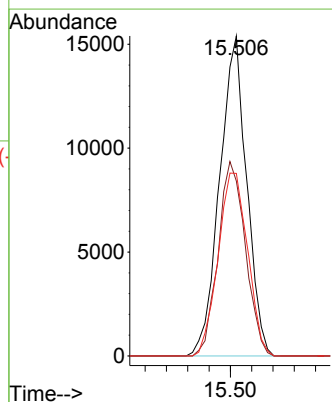
Tgt Ion:225 Resp: 27117

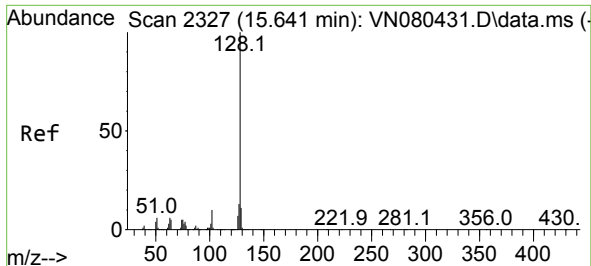
Ion Ratio Lower Upper

225 100

223 61.4 31.3 93.8

227 62.5 31.9 95.9

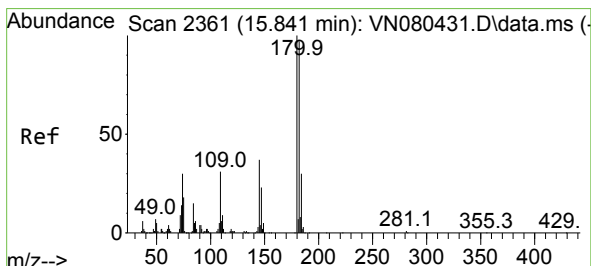
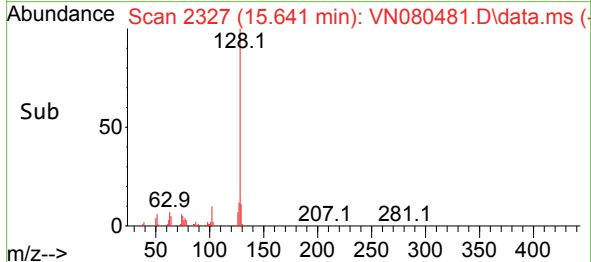
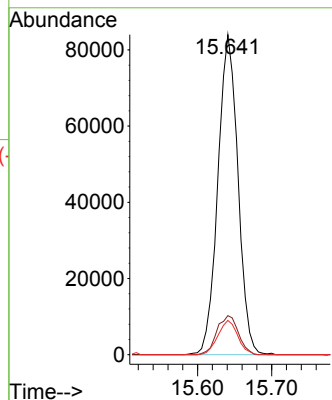
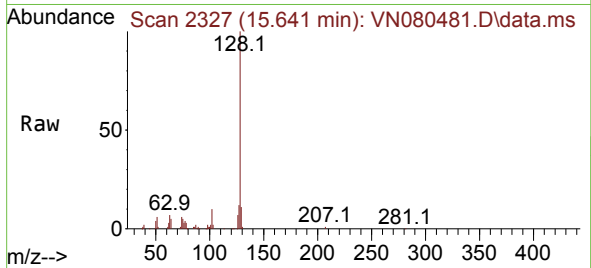




#95
Naphthalene
Concen: 17.907 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 158077
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.991 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080481.D
Acq: 14 Dec 2023 14:11

Tgt Ion:180 Resp: 50471
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 36.2 17.5 52.6

