

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080551.D
 Acq On : 20 Dec 2023 16:54
 Operator : JC\MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:45:01 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	269819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	453144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197858	57.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.820%
35) Dibromofluoromethane	8.165	113	150017	52.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	10.565	98	561471	52.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.800%
62) 4-Bromofluorobenzene	12.853	95	195288	47.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	64703	18.765	ug/l	98
3) Chloromethane	2.359	50	55363	15.062	ug/l	93
4) Vinyl Chloride	2.512	62	47913	16.271	ug/l	95
5) Bromomethane	2.959	94	23873	17.982	ug/l	96
6) Chloroethane	3.118	64	32993	17.436	ug/l	95
7) Trichlorofluoromethane	3.495	101	110153	18.443	ug/l	94
8) Diethyl Ether	3.953	74	33701	17.914	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	53317	18.834	ug/l	96
10) Methyl Iodide	4.595	142	35116	14.103	ug/l #	88
11) Tert butyl alcohol	5.506	59	41211	101.538	ug/l	99
12) 1,1-Dichloroethene	4.342	96	50724	17.487	ug/l	88
13) Acrolein	4.171	56	49071	110.400	ug/l	99
14) Allyl chloride	5.018	41	64574	17.993	ug/l	98
15) Acrylonitrile	5.718	53	121049	105.554	ug/l	98
16) Acetone	4.418	43	93410	152.868	ug/l	98
17) Carbon Disulfide	4.706	76	129738	15.783	ug/l #	94
18) Methyl Acetate	5.024	43	91710	23.325	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	185649	19.184	ug/l	99
20) Methylene Chloride	5.271	84	62247	19.035	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	55356	17.600	ug/l	88
22) Diisopropyl ether	6.671	45	155135	20.029	ug/l	91
23) Vinyl Acetate	6.600	43	411048	92.399	ug/l	96
24) 1,1-Dichloroethane	6.565	63	102436	18.955	ug/l	98
25) 2-Butanone	7.483	43	135745	115.318	ug/l	91
26) 2,2-Dichloropropane	7.488	77	100274	18.146	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	68896	19.352	ug/l	92
28) Bromochloromethane	7.812	49	44214	21.309	ug/l	96
29) Tetrahydrofuran	7.835	42	84501	100.247	ug/l	94
30) Chloroform	7.965	83	117595	19.604	ug/l	96
31) Cyclohexane	8.259	56	78485	16.747	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	111157	18.926	ug/l	97
36) 1,1-Dichloropropene	8.371	75	80972	17.236	ug/l	95
37) Ethyl Acetate	7.553	43	55723	18.942	ug/l #	93
38) Carbon Tetrachloride	8.365	117	97413	17.354	ug/l	98
39) Methylcyclohexane	9.600	83	78395	16.064	ug/l	93
40) Benzene	8.606	78	237089	17.477	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32866	19.379	ug/l	94
42) 1,2-Dichloroethane	8.665	62	94248	18.762	ug/l	98
43) Isopropyl Acetate	8.688	43	92492	17.487	ug/l	96
44) Trichloroethene	9.353	130	63155	17.269	ug/l	94
45) 1,2-Dichloropropane	9.624	63	58277	18.291	ug/l	96
46) Dibromomethane	9.706	93	42419	18.539	ug/l	90
47) Bromodichloromethane	9.888	83	93138	18.993	ug/l	97
48) Methyl methacrylate	9.682	41	58490	18.530	ug/l	87
49) 1,4-Dioxane	9.694	88	17436	364.443	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	280968	96.452	ug/l	99
52) Toluene	10.629	92	155076	18.096	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	93767	17.673	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	98167	17.311	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	58752	19.053	ug/l	93
56) Ethyl methacrylate	10.871	69	59215	17.345	ug/l	91
57) 1,3-Dichloropropane	11.165	76	102719	19.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	192539	89.336	ug/l	98
59) 2-Hexanone	11.194	43	210891	98.064	ug/l	97
60) Dibromochloromethane	11.365	129	67808	18.558	ug/l	98
61) 1,2-Dibromoethane	11.471	107	60243	18.877	ug/l	94
64) Tetrachloroethene	11.106	164	53266	17.568	ug/l	96
65) Chlorobenzene	11.894	112	161568	18.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	64587	18.842	ug/l	94
67) Ethyl Benzene	11.965	91	284655	17.721	ug/l	99
68) m/p-Xylenes	12.070	106	216739	36.515	ug/l	92
69) o-Xylene	12.400	106	104186	17.945	ug/l	90
70) Styrene	12.412	104	154685	18.497	ug/l	95
71) Bromoform	12.576	173	44956	17.985	ug/l #	100
73) Isopropylbenzene	12.694	105	257020	17.633	ug/l	98
74) N-amyl acetate	12.494	43	78300	18.395	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	72567	18.578	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	97365	26.897	ug/l	78
77) Bromobenzene	12.982	156	62465	17.420	ug/l	98
78) n-propylbenzene	13.035	91	288868	17.974	ug/l	98
79) 2-Chlorotoluene	13.129	91	186180	17.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	219037	17.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21920	15.899	ug/l #	79
82) 4-Chlorotoluene	13.223	91	190001	17.617	ug/l	97
83) tert-Butylbenzene	13.441	119	181737	17.676	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	224496	17.975	ug/l	97
85) sec-Butylbenzene	13.617	105	226430	17.217	ug/l	98
86) p-Isopropyltoluene	13.729	119	201044	16.930	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	110800	17.538	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	110359	17.305	ug/l	96
89) n-Butylbenzene	14.059	91	168349	16.976	ug/l	99
90) Hexachloroethane	14.335	117	34351	18.214	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	109671	18.281	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16151	19.658	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	57751	17.338	ug/l	95
94) Hexachlorobutadiene	15.500	225	29634	15.627	ug/l	100
95) Naphthalene	15.641	128	181760	17.970	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	56916	17.707	ug/l	96

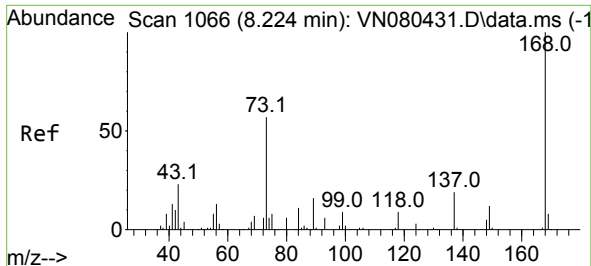
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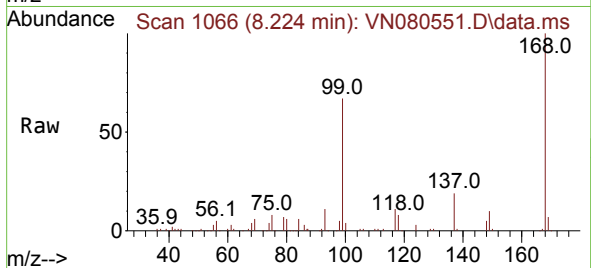
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

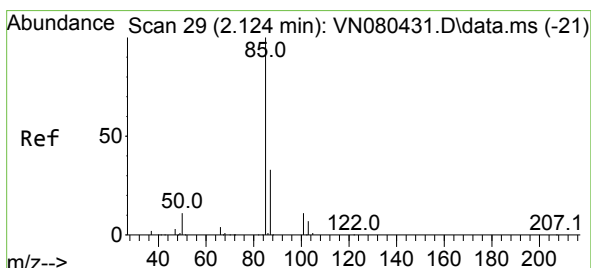
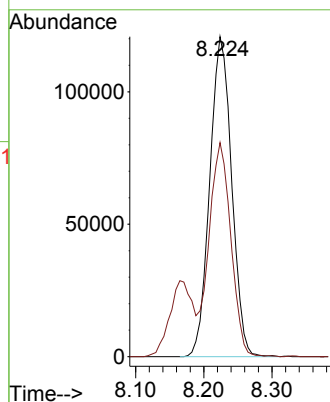
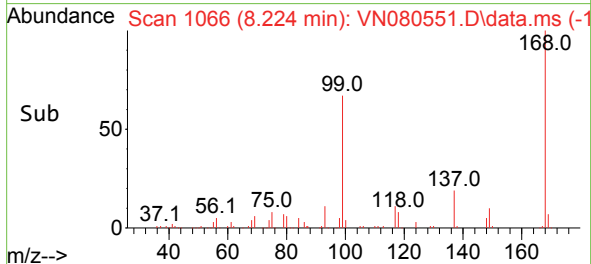


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

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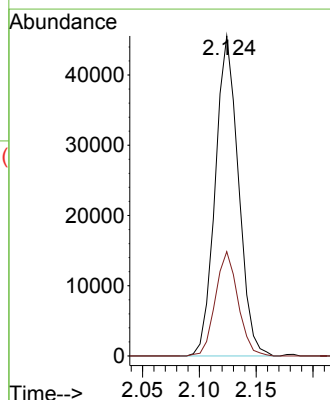
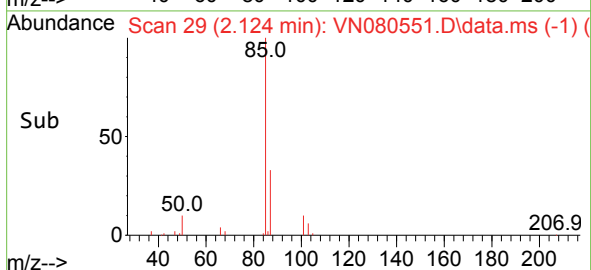
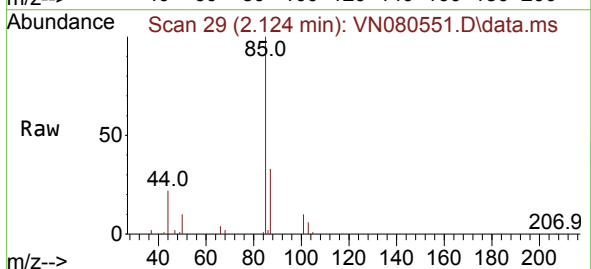


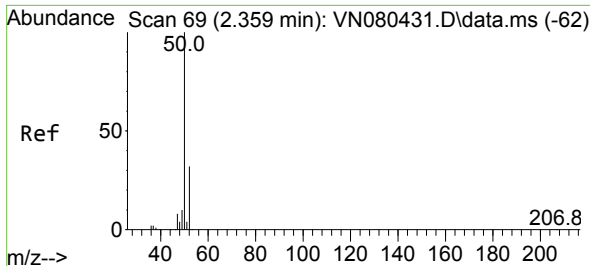
Tgt Ion:168 Resp: 269819
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.765 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 85 Resp: 64703
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4

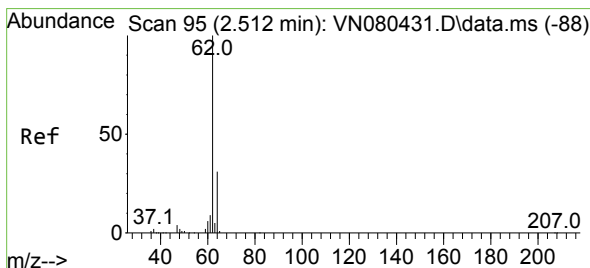
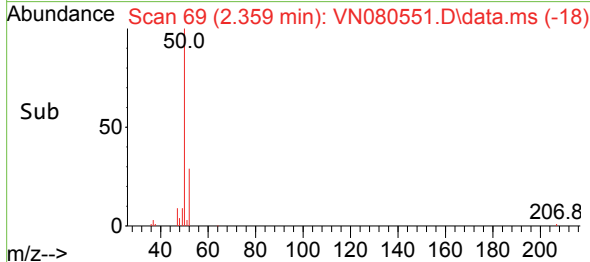
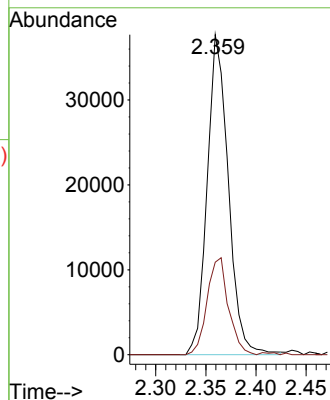
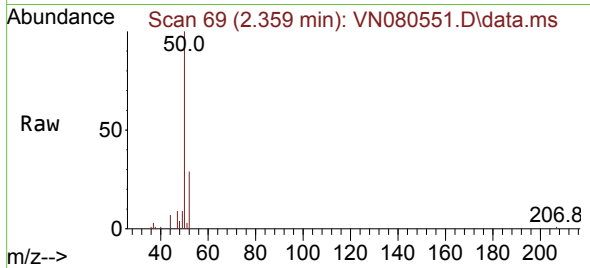




#3
Chloromethane
Concen: 15.062 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

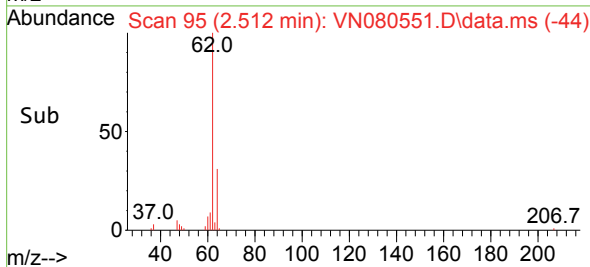
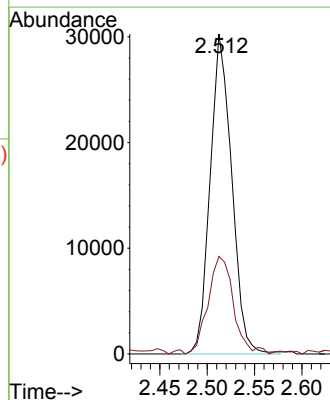
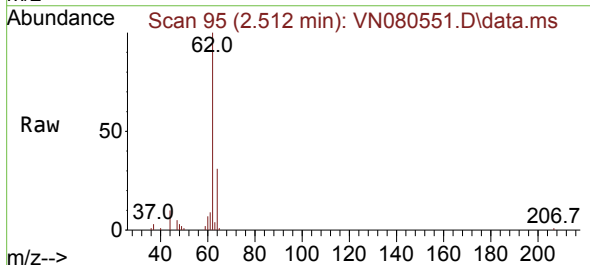
Instrument :
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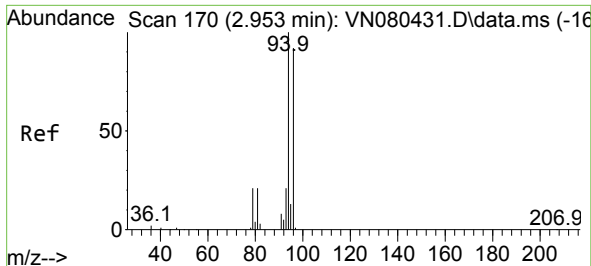
Tgt Ion: 50 Resp: 55363
Ion Ratio Lower Upper
50 100
52 28.9 26.5 39.7



#4
Vinyl Chloride
Concen: 16.271 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 62 Resp: 47913
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2

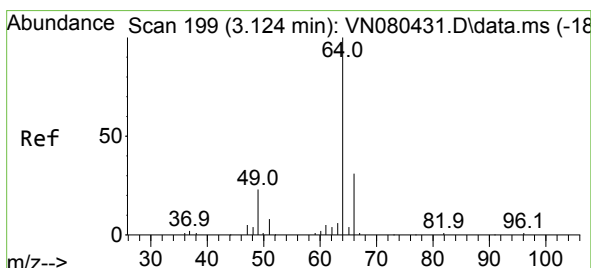
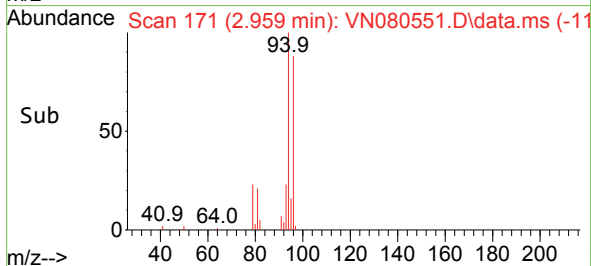
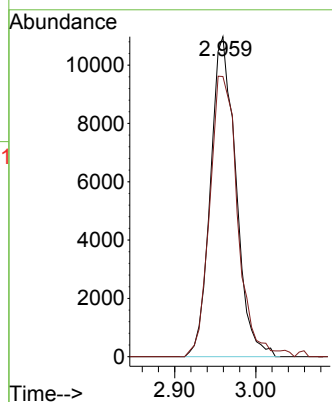
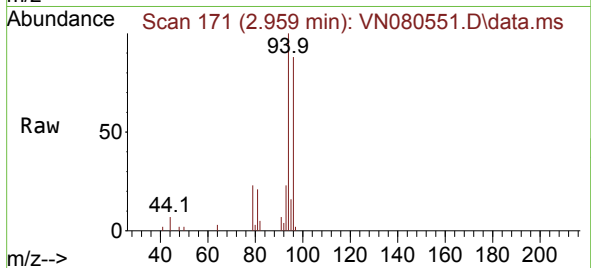




#5
Bromomethane
Concen: 17.982 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

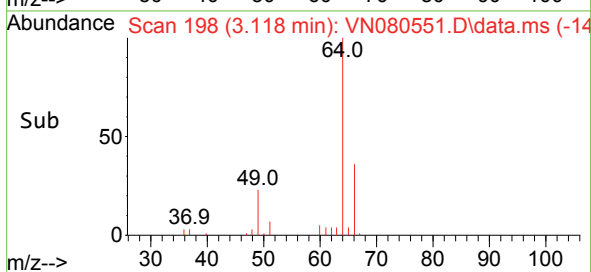
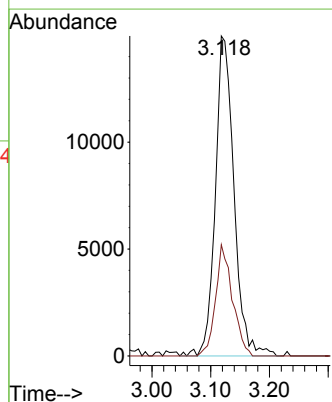
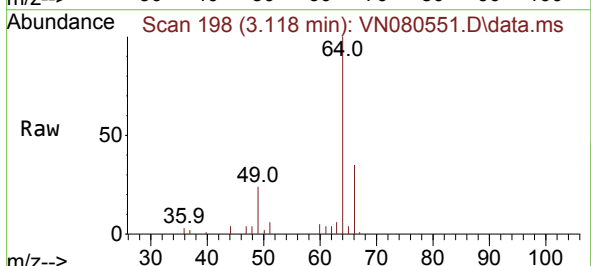
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MSVOA_N
ClientSampleId :

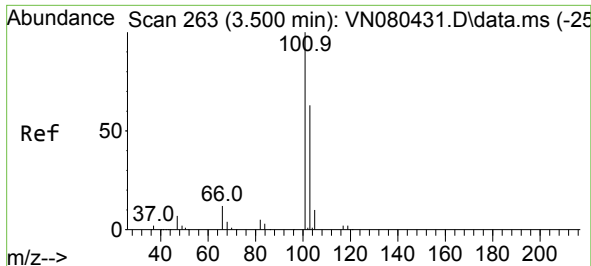
Tgt Ion: 94 Resp: 23873
Ion Ratio Lower Upper
94 100
96 87.6 73.1 109.7



#6
Chloroethane
Concen: 17.436 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 64 Resp: 32993
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2

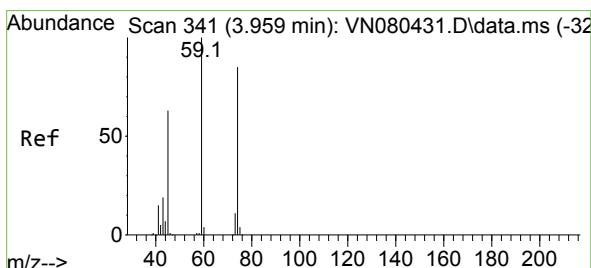
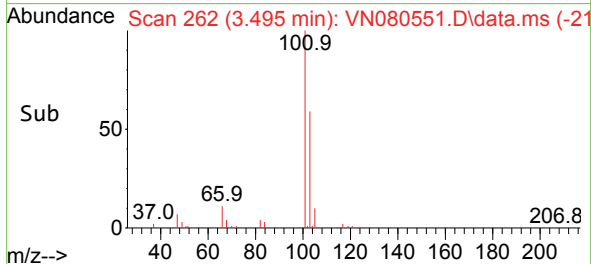
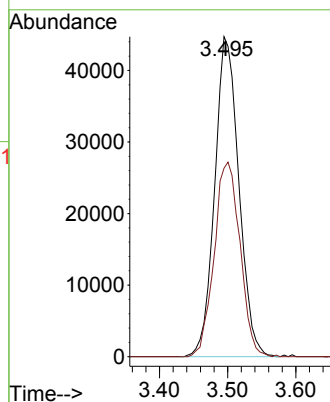
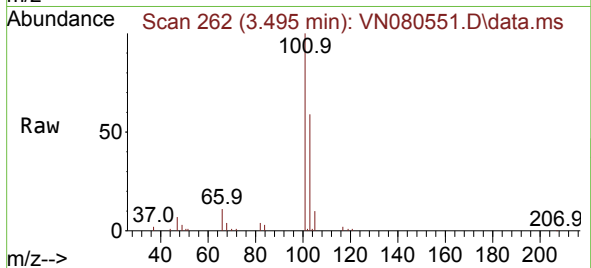




#7
 Trichlorofluoromethane
 Concen: 18.443 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

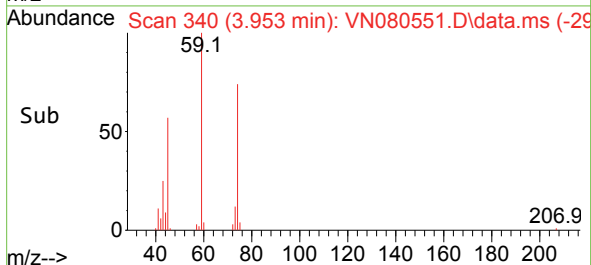
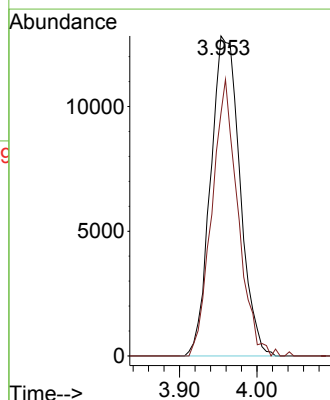
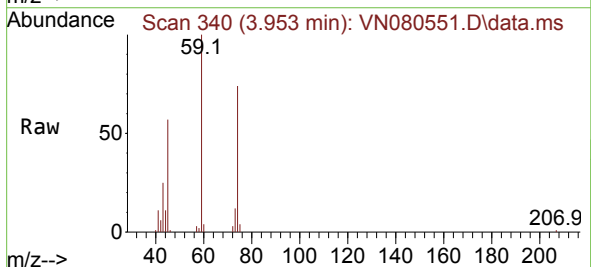
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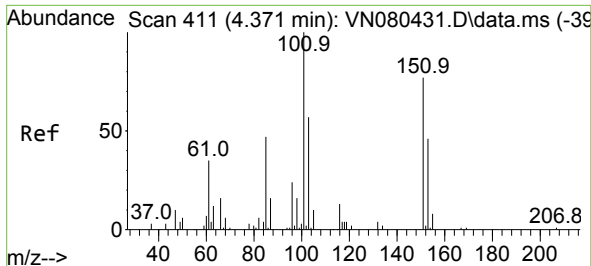
Tgt Ion:101 Resp: 110153
 Ion Ratio Lower Upper
 101 100
 103 58.9 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.914 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion: 74 Resp: 33701
 Ion Ratio Lower Upper
 74 100
 45 76.6 34.4 103.3

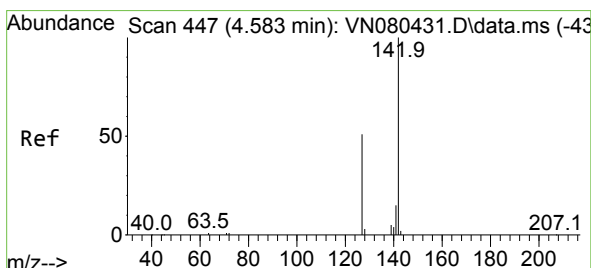
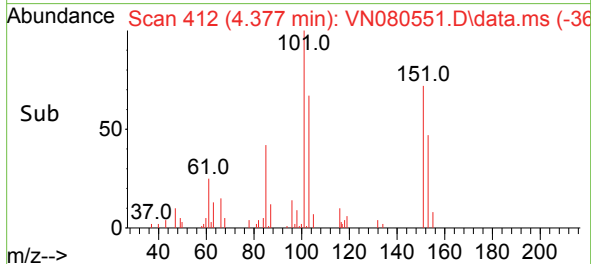
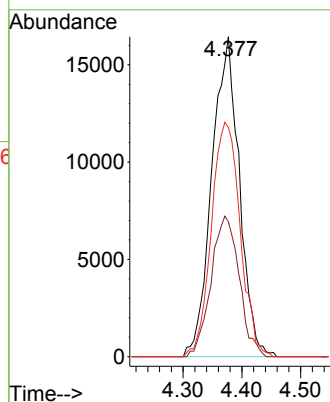
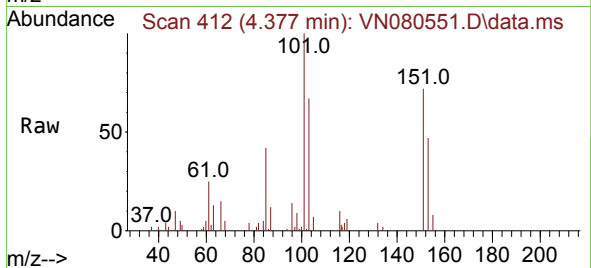




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.834 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

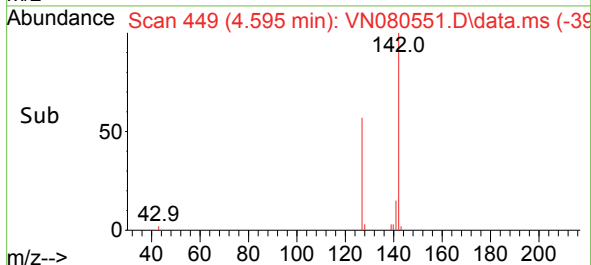
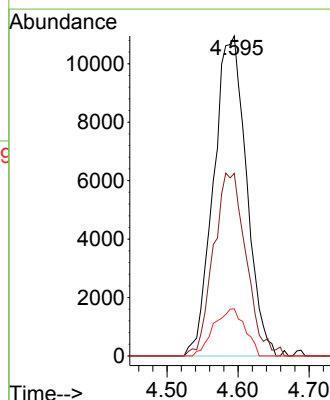
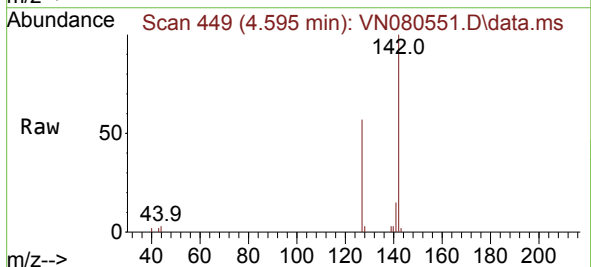
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MSVOA_N
ClientSampleId :

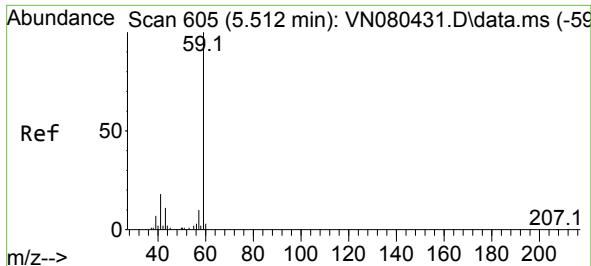
Tgt Ion:101 Resp: 53317
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.9 57.6 86.4



#10
Methyl Iodide
Concen: 14.103 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:142 Resp: 35116
Ion Ratio Lower Upper
142 100
127 57.0 37.6 56.4#
141 14.8 11.4 17.0

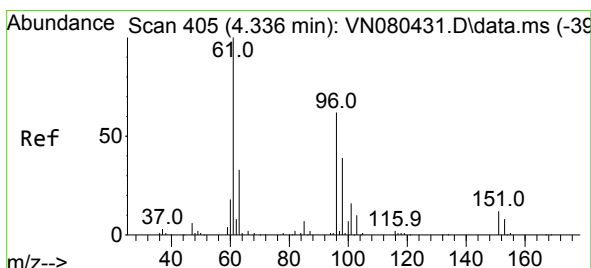
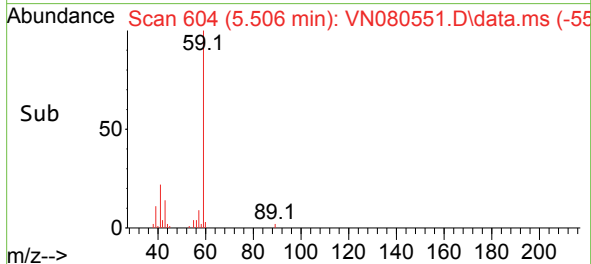
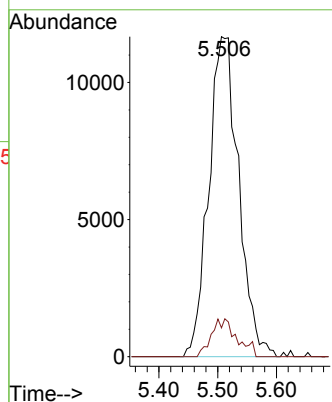
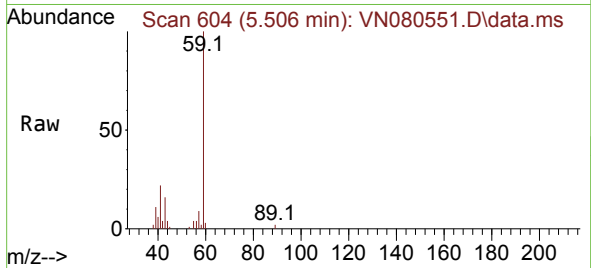




#11
Tert butyl alcohol
Concen: 101.538 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

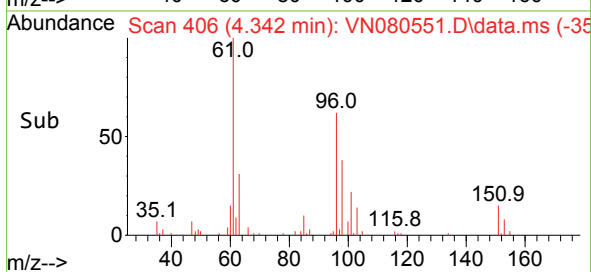
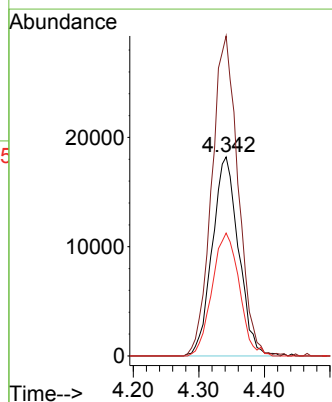
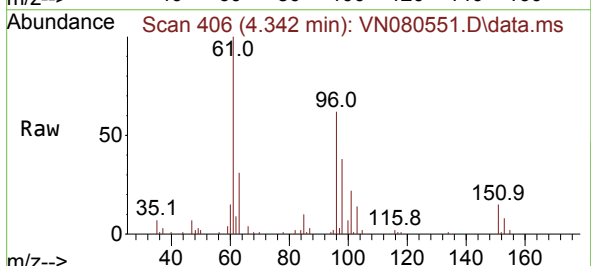
Instrument :
MSVOA_N
ClientSampleId :

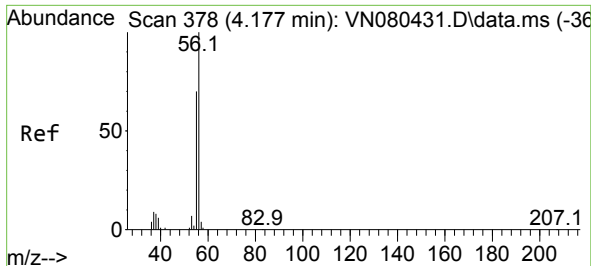
Tgt Ion: 59 Resp: 41211
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.487 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 96 Resp: 50724
Ion Ratio Lower Upper
96 100
61 160.7 112.7 169.1
98 61.7 51.2 76.8

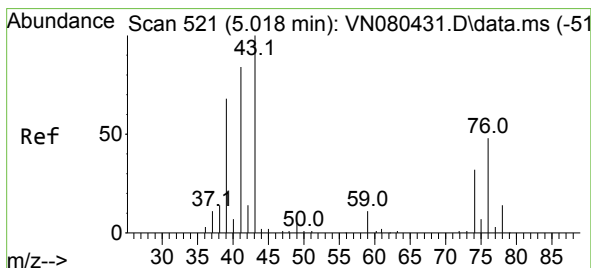
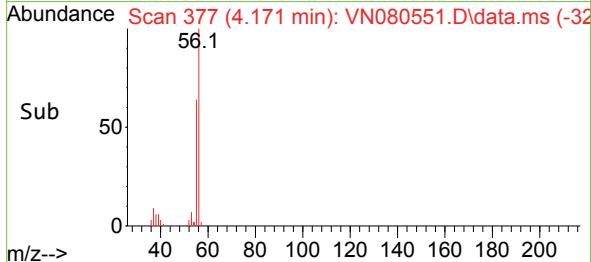
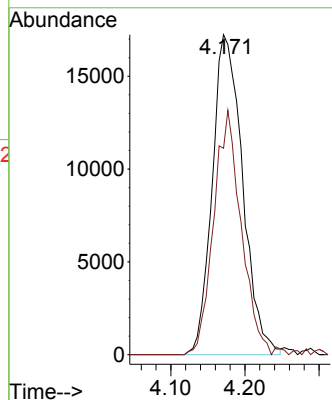
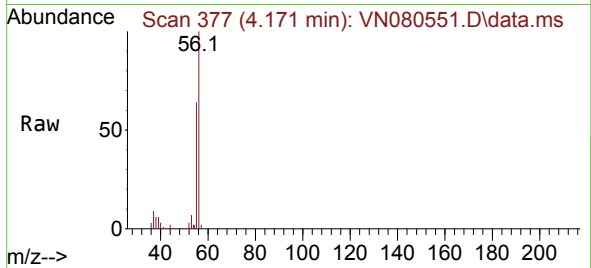




#13
Acrolein
Concen: 110.400 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

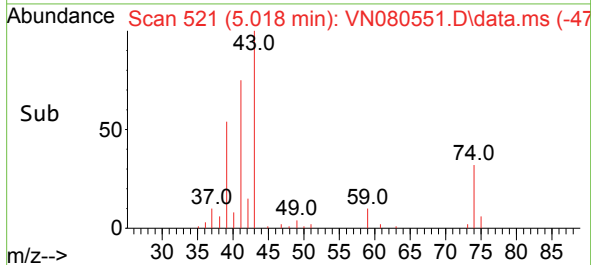
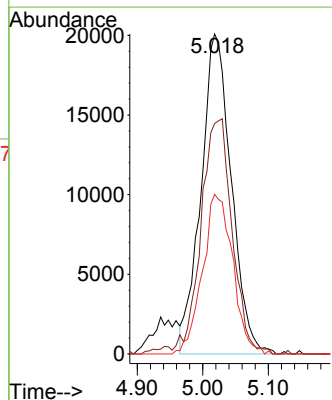
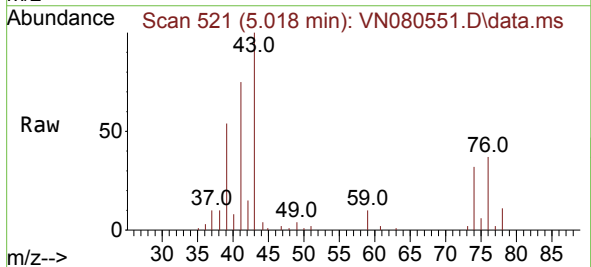
Instrument :
MSVOA_N
ClientSampleId :

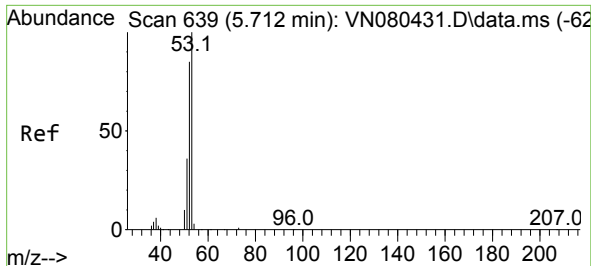
Tgt Ion: 56 Resp: 49071
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7



#14
Allyl chloride
Concen: 17.993 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

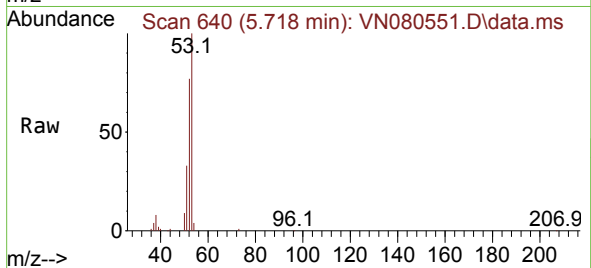
Tgt Ion: 41 Resp: 64574
Ion Ratio Lower Upper
41 100
39 75.3 58.8 88.2
76 49.8 39.1 58.7



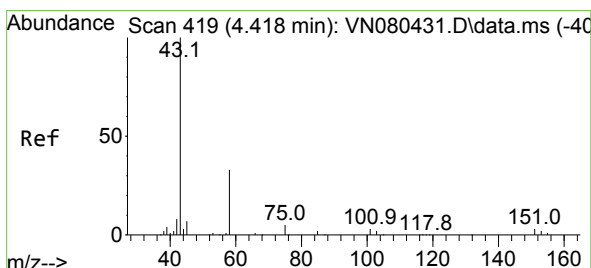
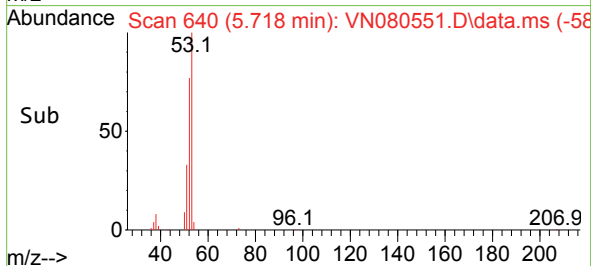
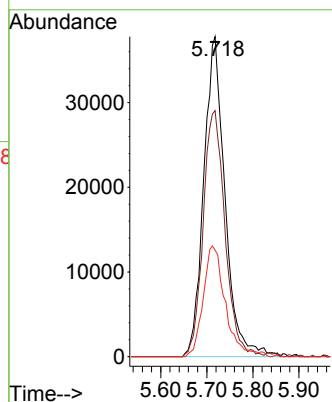


#15
Acrylonitrile
Concen: 105.554 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

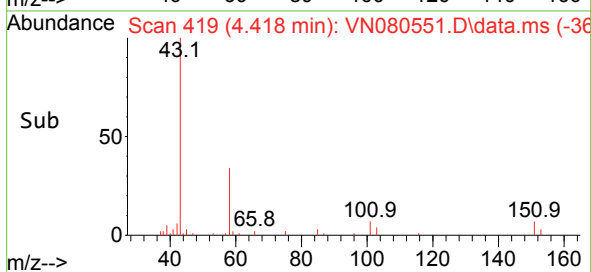
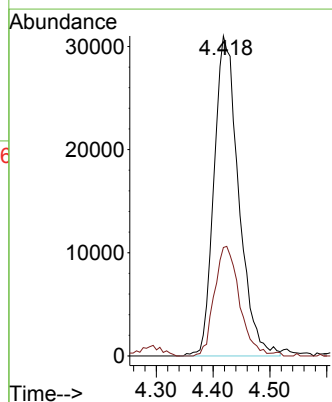
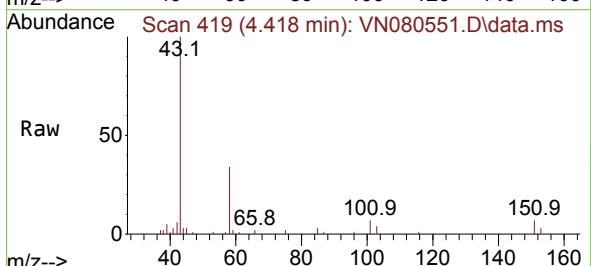


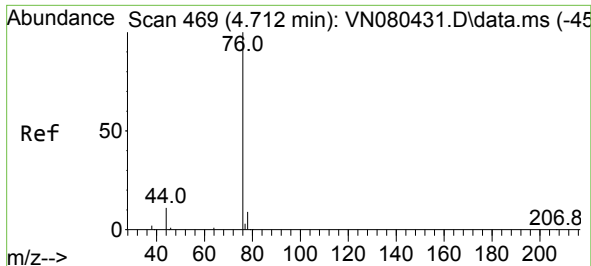
Tgt Ion: 53 Resp: 121049
Ion Ratio Lower Upper
53 100
52 79.1 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 152.868 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 43 Resp: 93410
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0

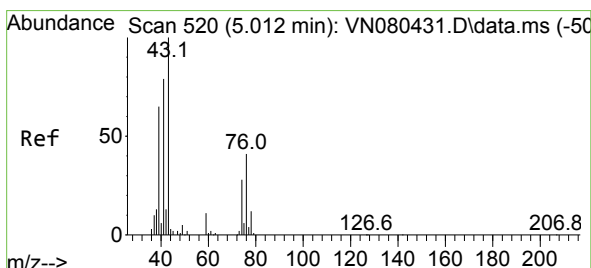
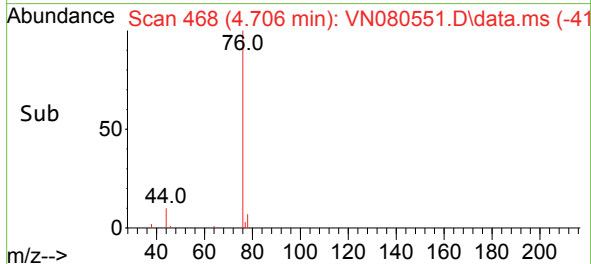
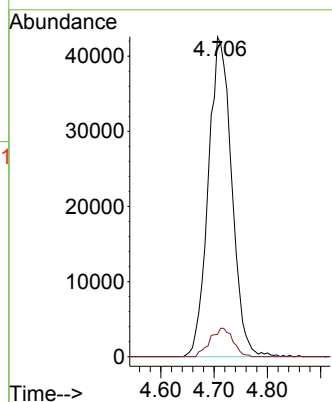
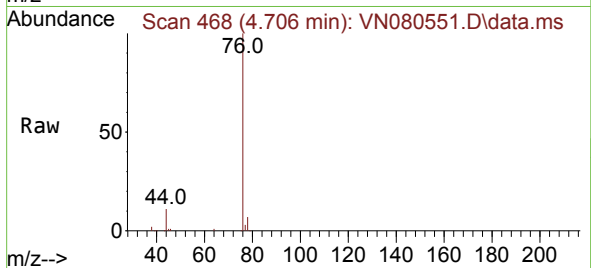




#17
Carbon Disulfide
Concen: 15.783 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

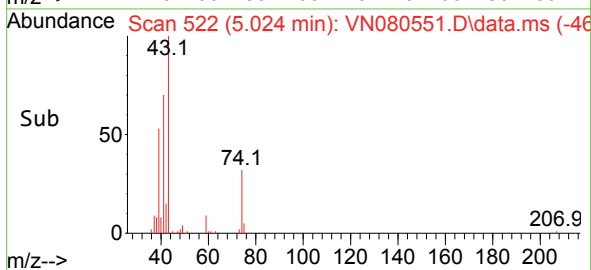
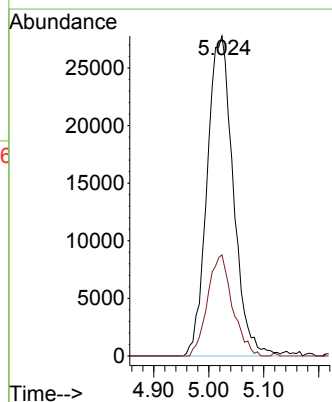
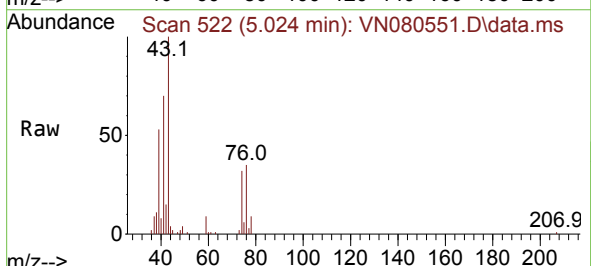
Instrument :
MSVOA_N
ClientSampleId :

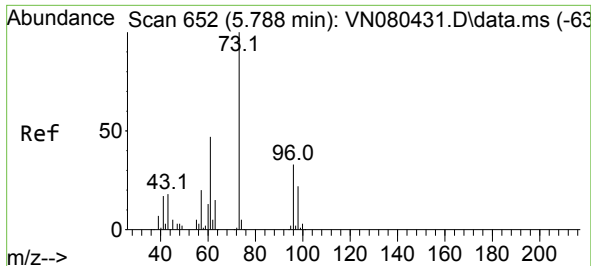
Tgt Ion: 76 Resp: 129738
Ion Ratio Lower Upper
76 100
78 6.9 7.4 11.0#



#18
Methyl Acetate
Concen: 23.325 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 43 Resp: 91710
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4

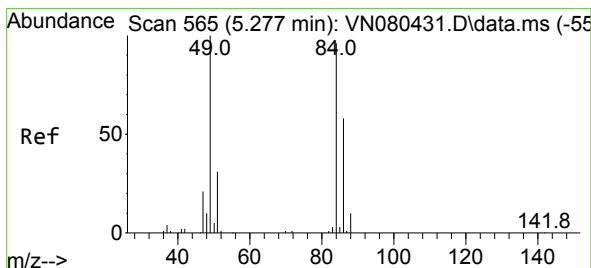
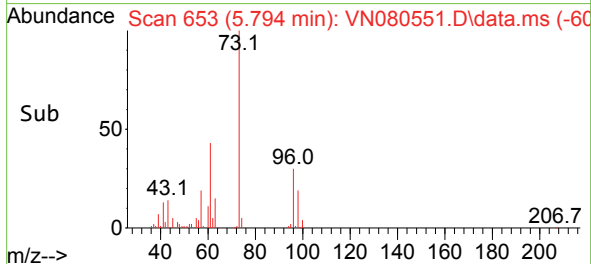
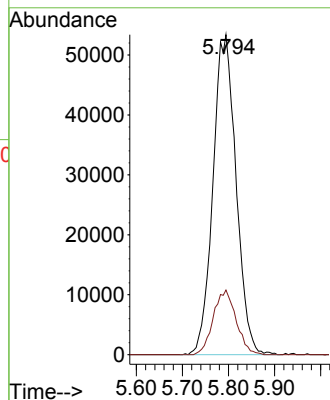
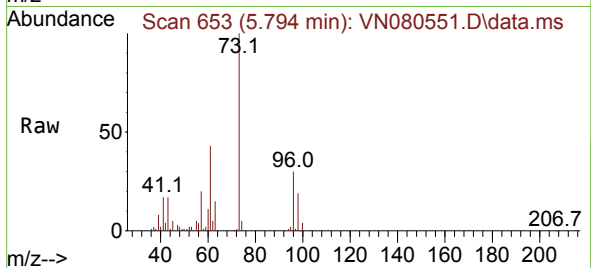




#19
Methyl tert-butyl Ether
Concen: 19.184 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

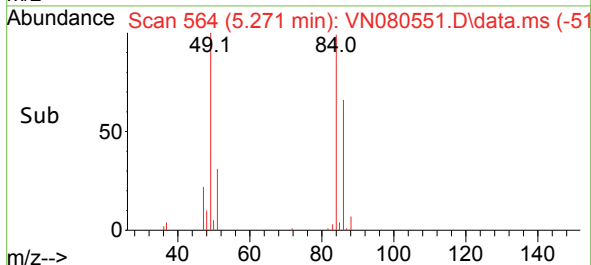
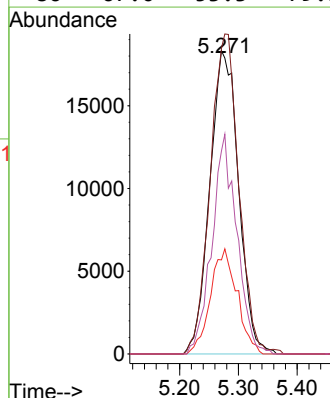
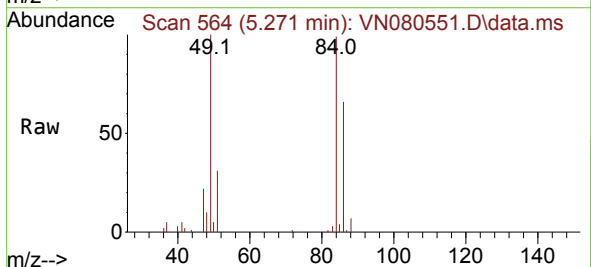
Instrument :
MSVOA_N
ClientSampleId :

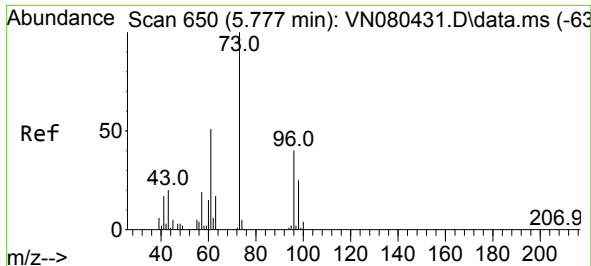
Tgt Ion: 73 Resp: 185649
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4



#20
Methylene Chloride
Concen: 19.035 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 84 Resp: 62247
Ion Ratio Lower Upper
84 100
49 100.9 79.7 119.5
51 31.0 25.2 37.8
86 67.0 53.3 79.9

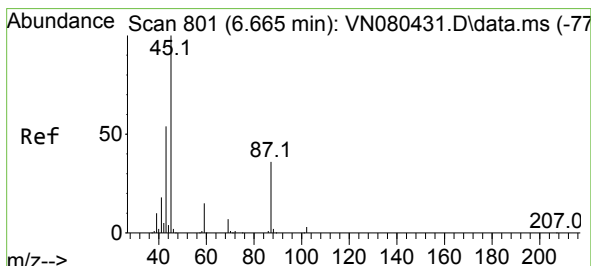
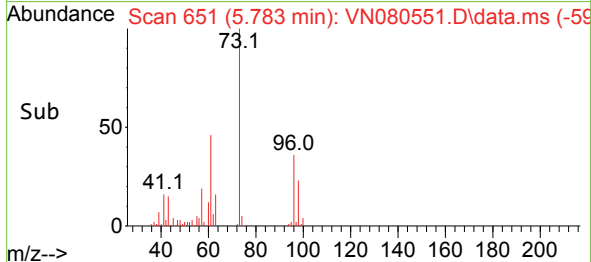
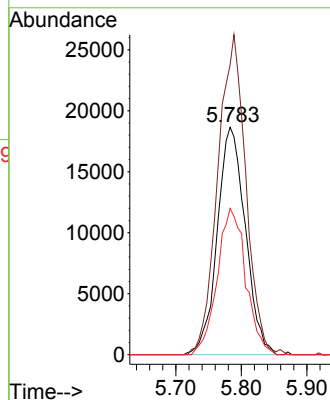
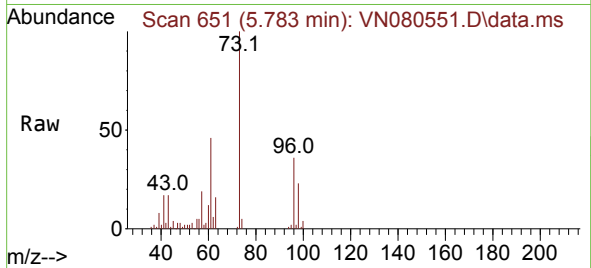




#21
trans-1,2-Dichloroethene
Concen: 17.600 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

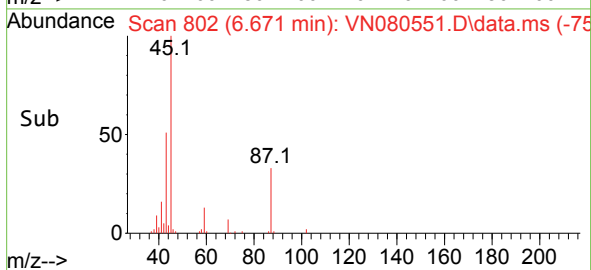
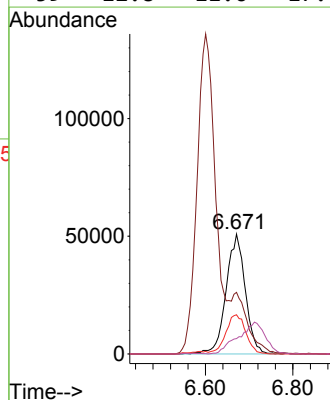
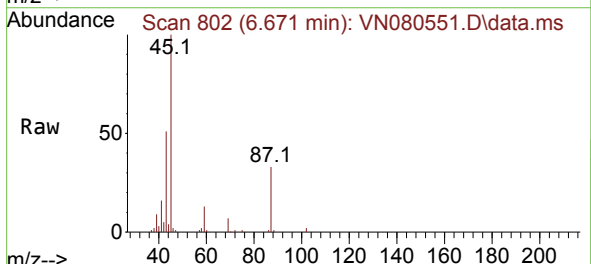
Instrument :
MSVOA_N
ClientSampleId :

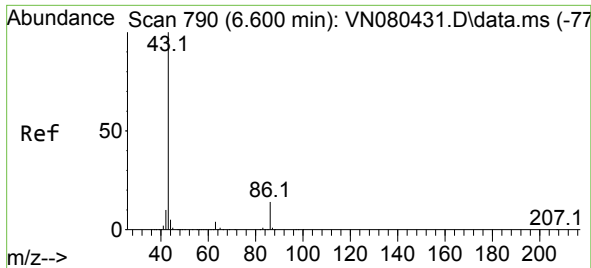
Tgt Ion: 96 Resp: 55356
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 64.3 46.4 69.6



#22
Diisopropyl ether
Concen: 20.029 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 45 Resp: 155135
Ion Ratio Lower Upper
45 100
43 50.6 45.5 68.3
87 32.7 31.8 47.8
59 12.8 11.6 17.4

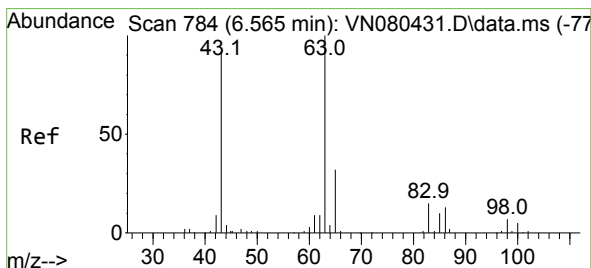
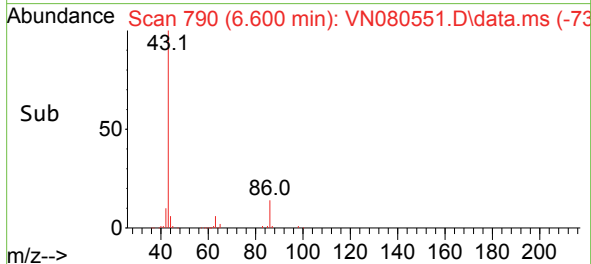
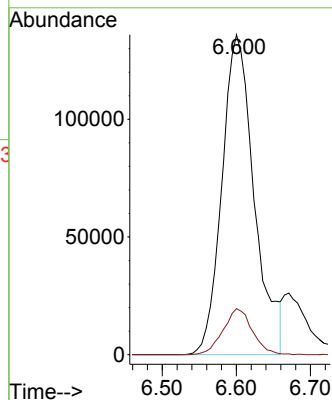
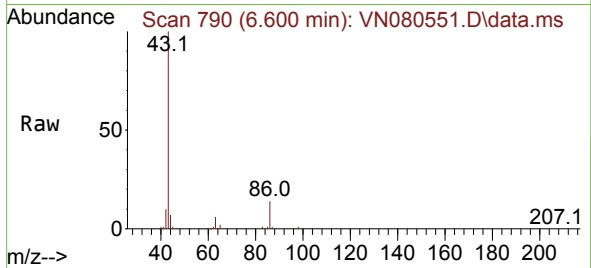




#23
 Vinyl Acetate
 Concen: 92.399 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

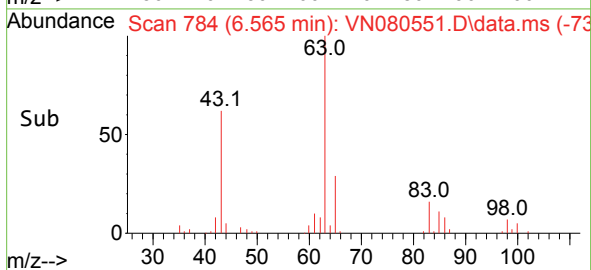
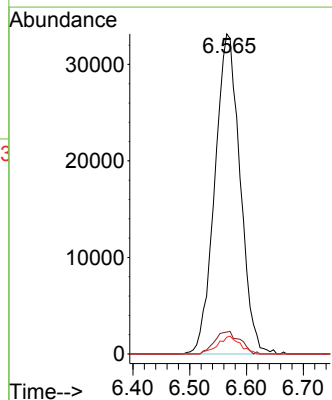
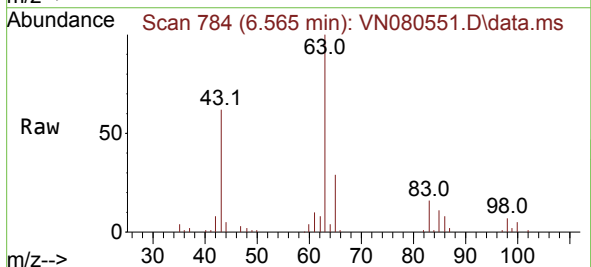
Instrument :
 MSVOA_N
 ClientSampleId :

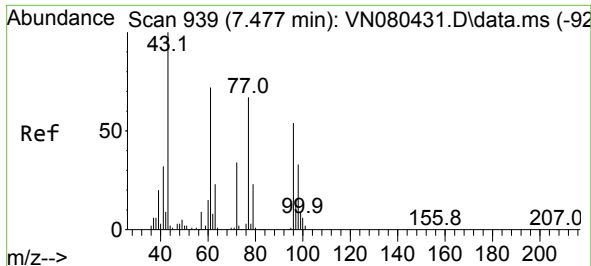
Tgt Ion: 43 Resp: 411048
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 18.955 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion: 63 Resp: 102436
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 5.2 2.5 7.4





#25

2-Butanone

Concen: 115.318 ug/l

RT: 7.483 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

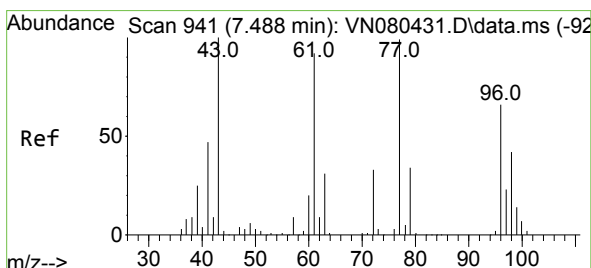
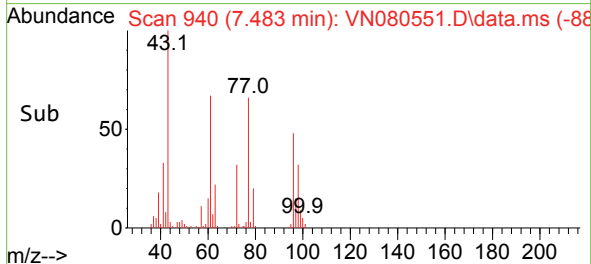
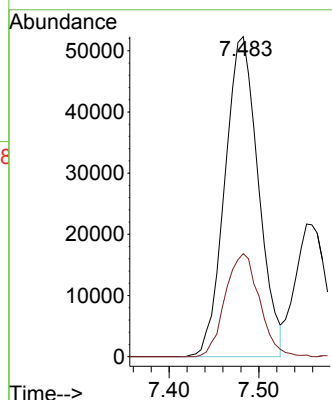
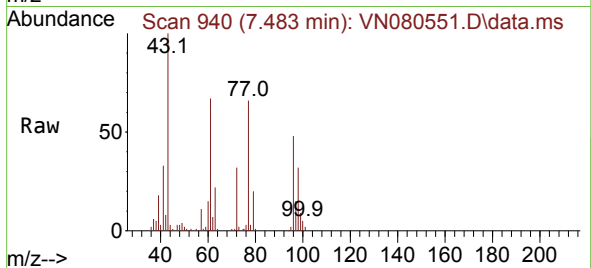
ClientSampleId :

Tgt Ion: 43 Resp: 135745

Ion Ratio Lower Upper

43 100

72 32.2 30.2 45.2



#26

2,2-Dichloropropane

Concen: 18.146 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080551.D

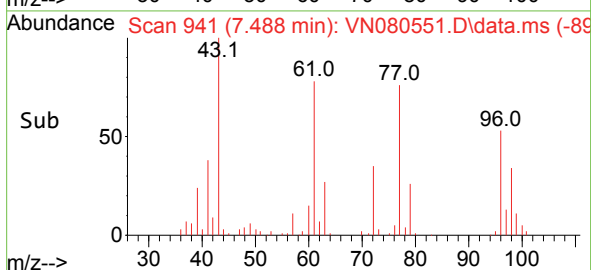
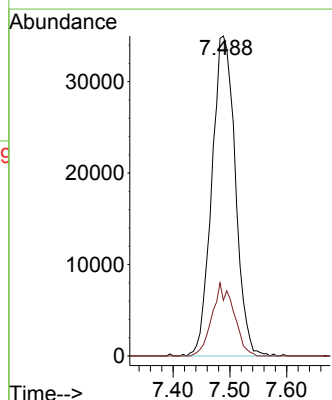
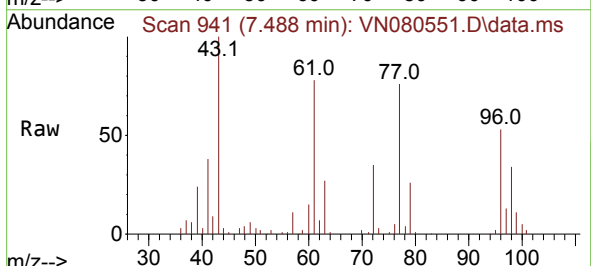
Acq: 20 Dec 2023 16:54

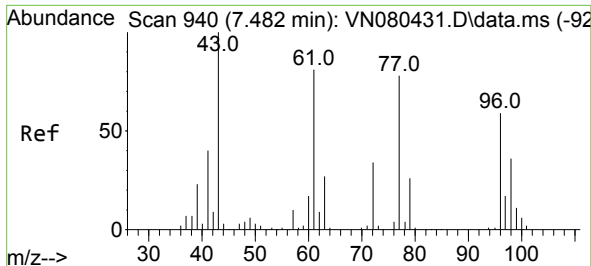
Tgt Ion: 77 Resp: 100274

Ion Ratio Lower Upper

77 100

97 21.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.352 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

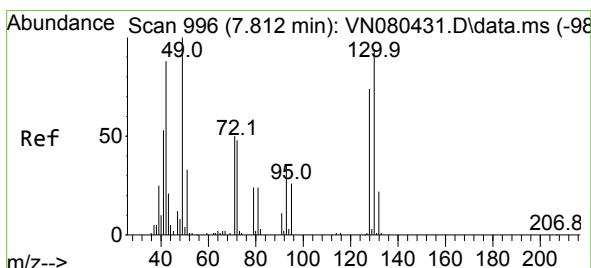
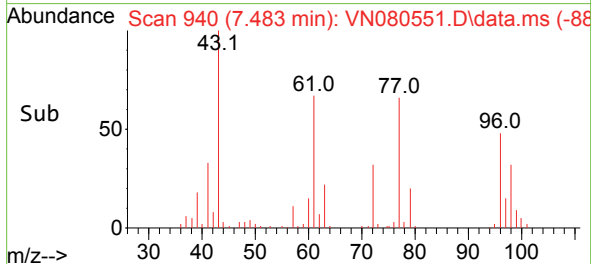
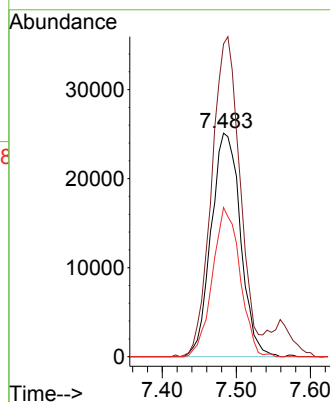
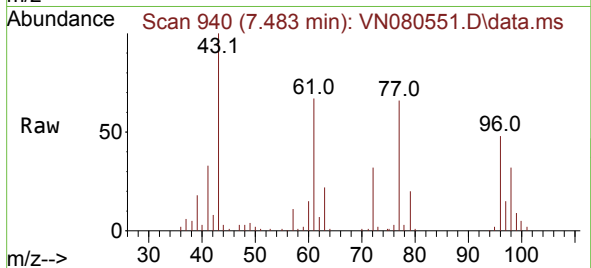
Tgt Ion: 96 Resp: 68896

Ion Ratio Lower Upper

96 100

61 139.4 0.0 255.2

98 62.7 0.0 128.8



#28

Bromochloromethane

Concen: 21.309 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

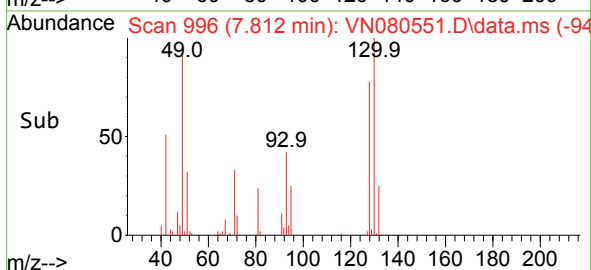
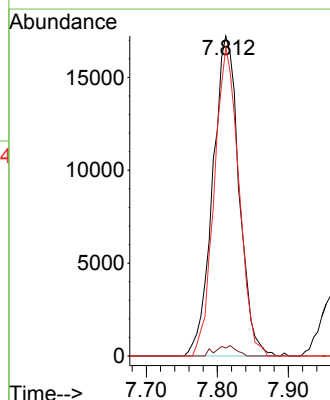
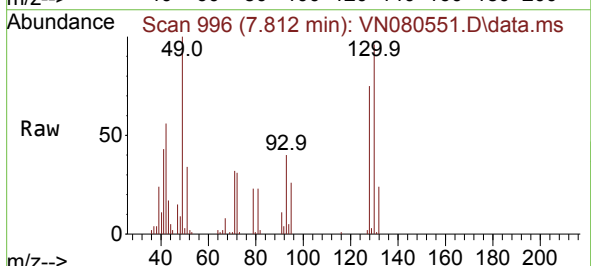
Tgt Ion: 49 Resp: 44214

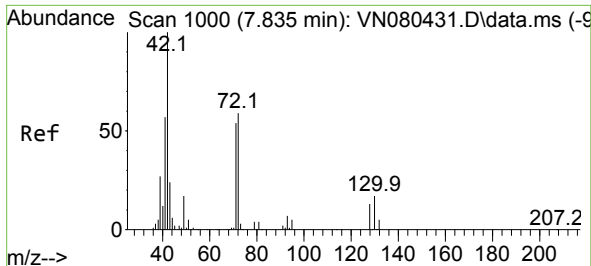
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 90.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.247 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

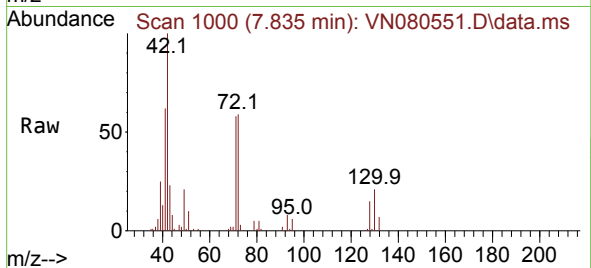
Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

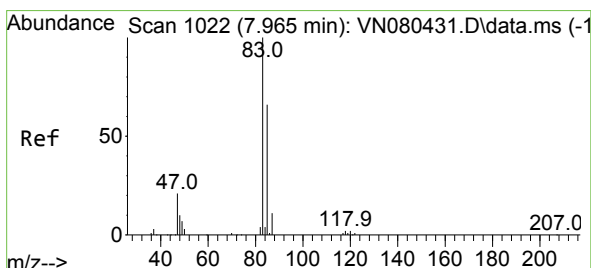
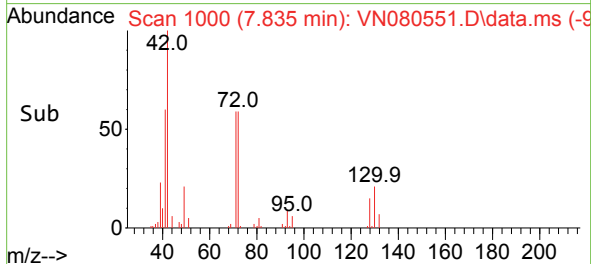
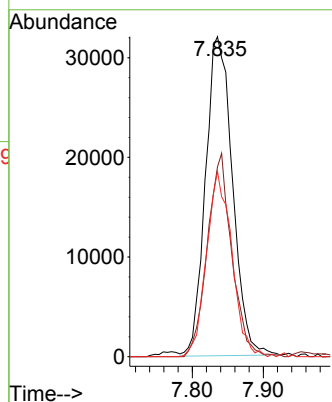
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	84501
Ion Ratio	Lower	Upper	
42	100		
72	57.6	49.8	74.6
71	54.4	47.4	71.2



#30

Chloroform

Concen: 19.604 ug/l

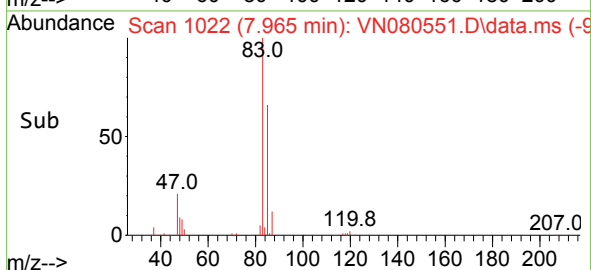
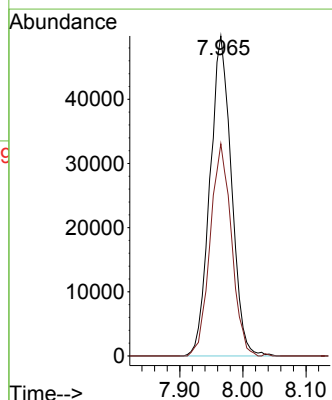
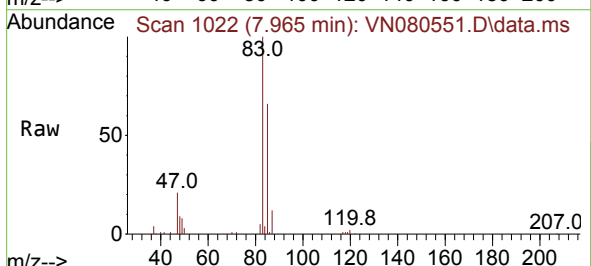
RT: 7.965 min Scan# 1022

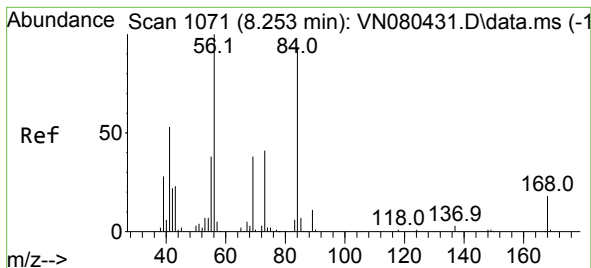
Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Tgt Ion:	83	Resp:	117595
Ion Ratio	Lower	Upper	
83	100		
85	66.3	55.4	83.0

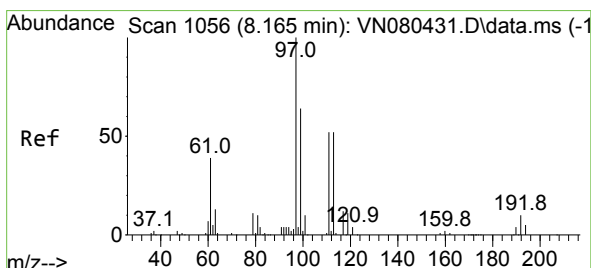
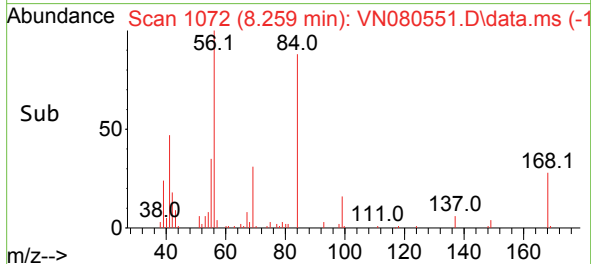
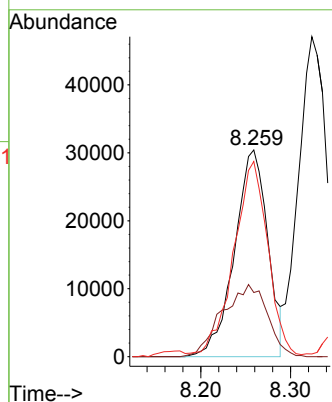
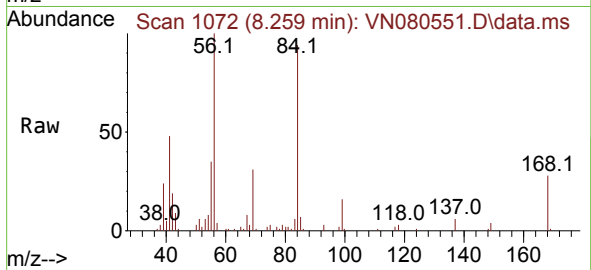




#31
Cyclohexane
Concen: 16.747 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

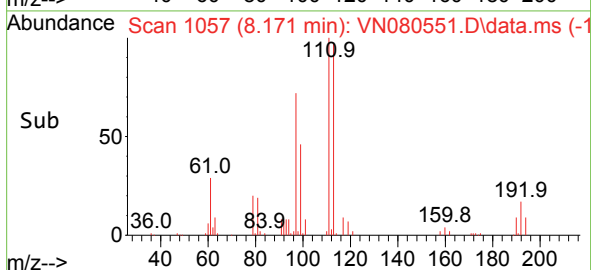
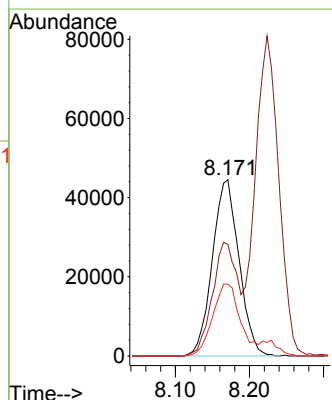
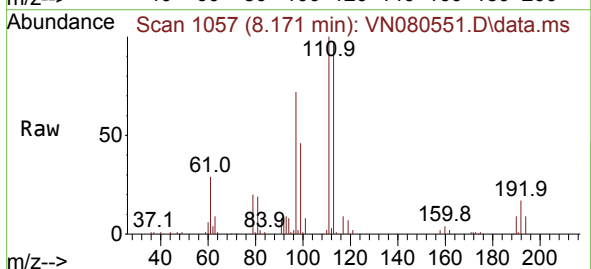
Instrument :
MSVOA_N
ClientSampleId :

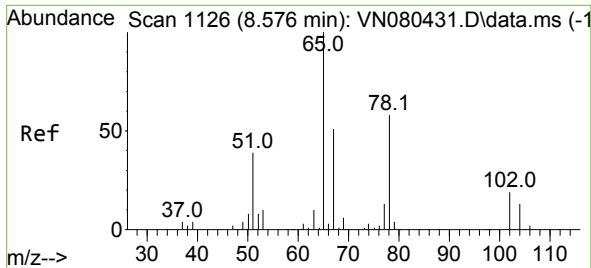
Tgt Ion: 56 Resp: 78485
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 91.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 97 Resp: 111157
Ion Ratio Lower Upper
97 100
99 60.0 50.3 75.5
61 42.6 34.7 52.1

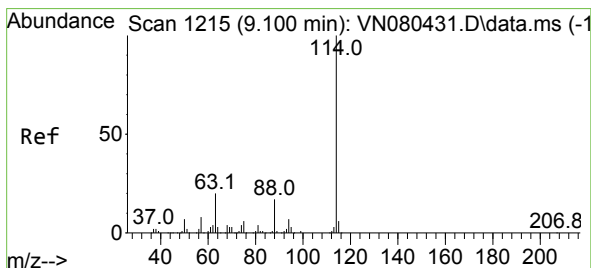
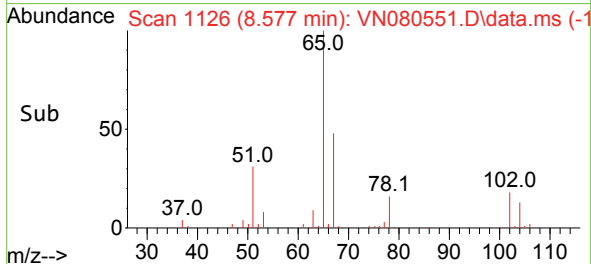
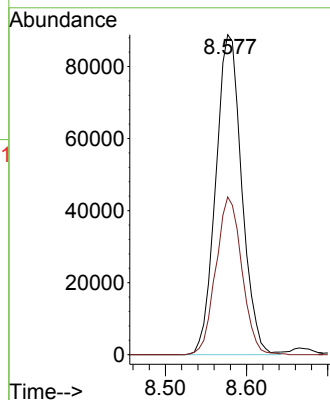
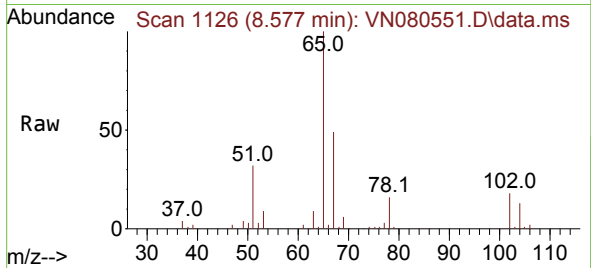




#33
 1,2-Dichloroethane-d4
 Concen: 57.413 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

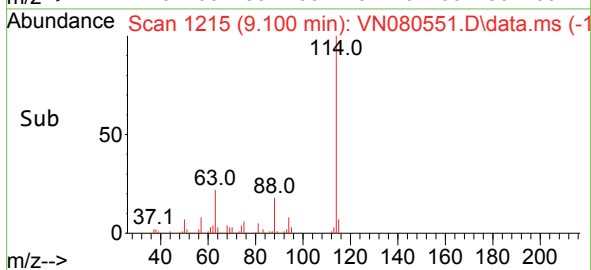
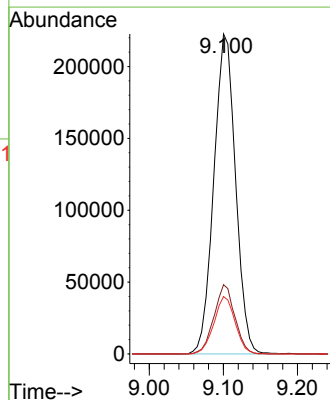
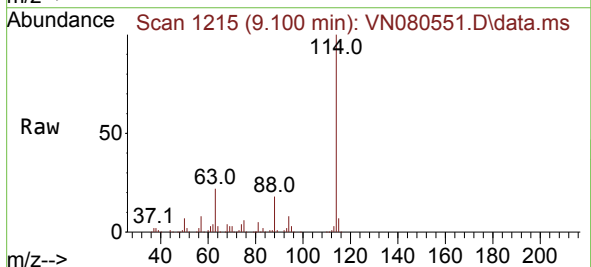
Instrument :
 MSVOA_N
 ClientSampleId :

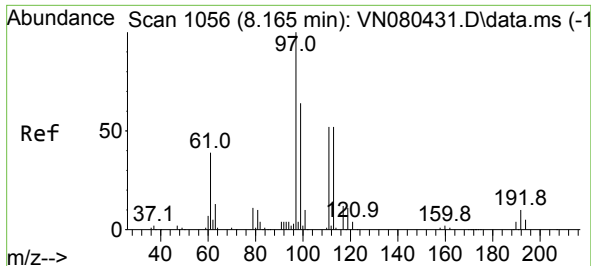
Tgt Ion: 65 Resp: 197858
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

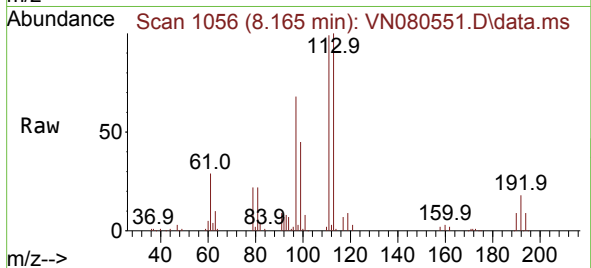
Tgt Ion: 114 Resp: 453144
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 36.4
 88 18.0 0.0 30.6



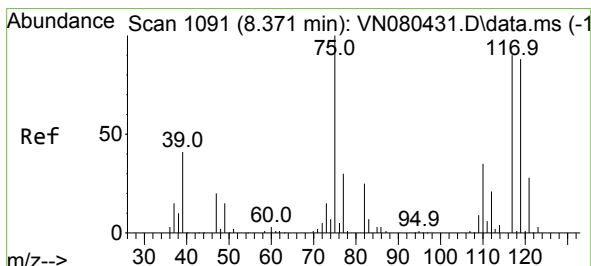
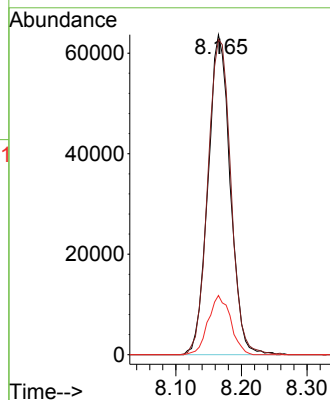
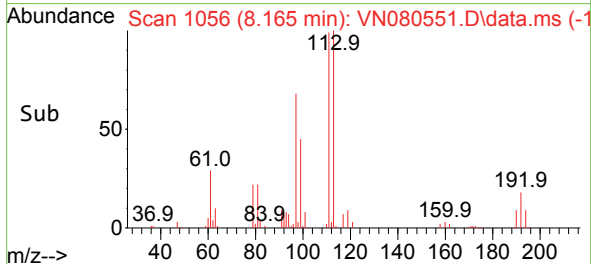


#35
Dibromofluoromethane
Concen: 52.214 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

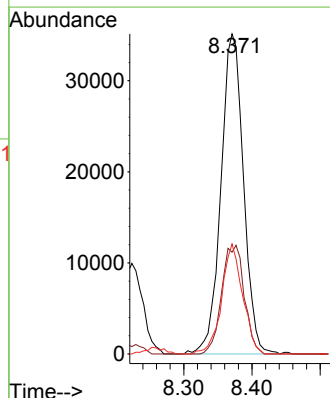
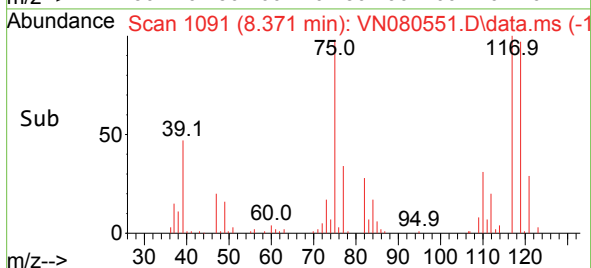
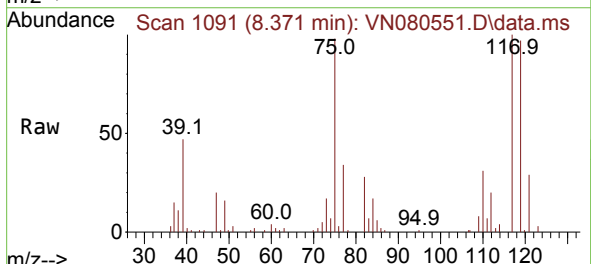


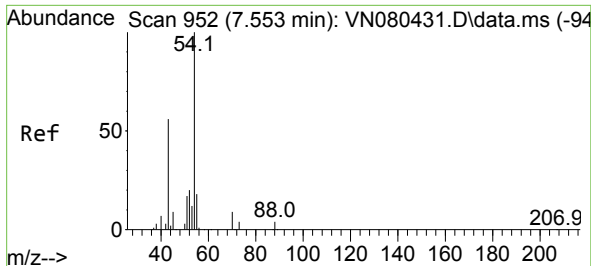
Tgt Ion:113 Resp: 150017
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 17.236 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 80972
Ion Ratio Lower Upper
75 100
110 34.0 19.1 57.3
77 32.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.942 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

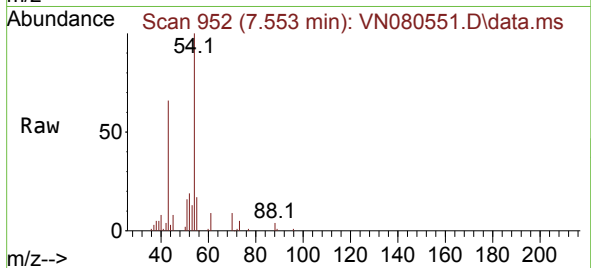
Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :



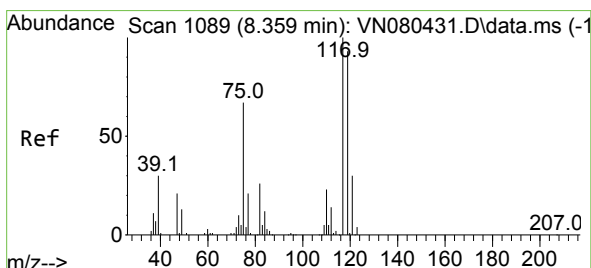
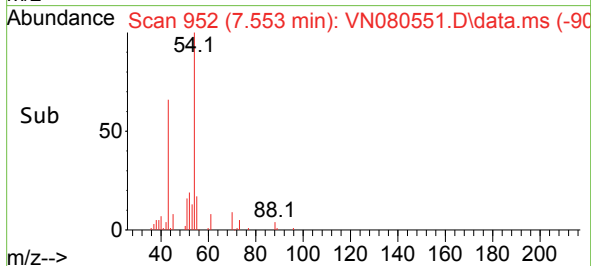
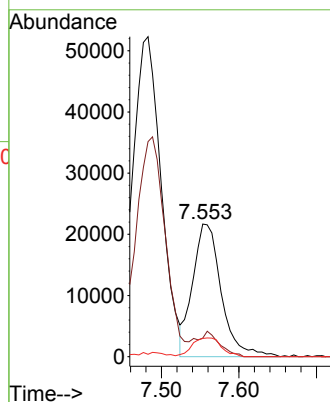
Tgt Ion: 43 Resp: 55723

Ion Ratio Lower Upper

43 100

61 11.5 13.2 19.8#

70 14.4 11.3 16.9



#38

Carbon Tetrachloride

Concen: 17.354 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

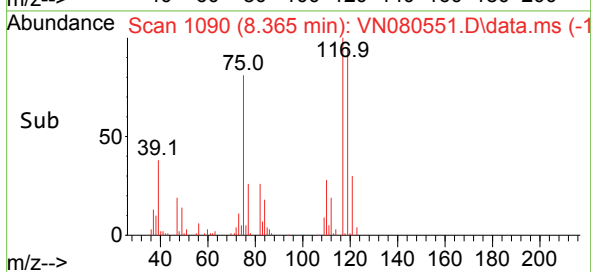
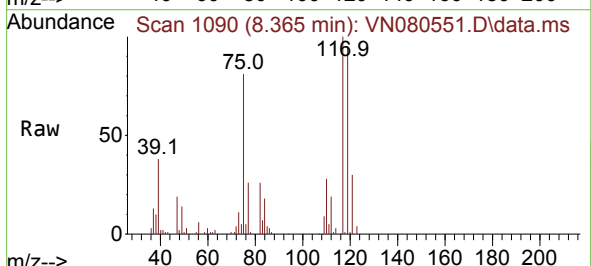
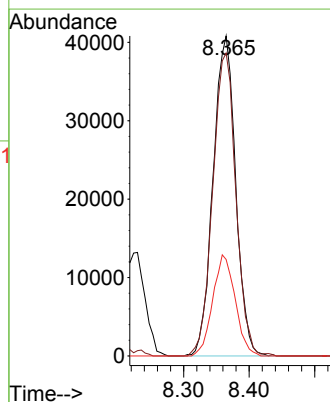
Tgt Ion: 117 Resp: 97413

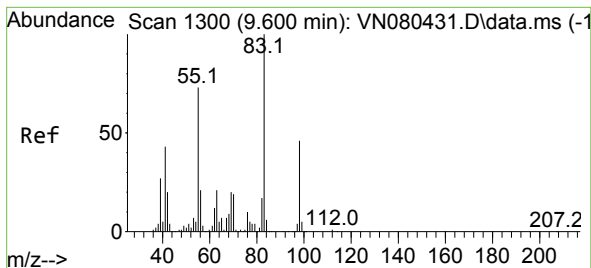
Ion Ratio Lower Upper

117 100

119 94.7 77.3 115.9

121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 16.064 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

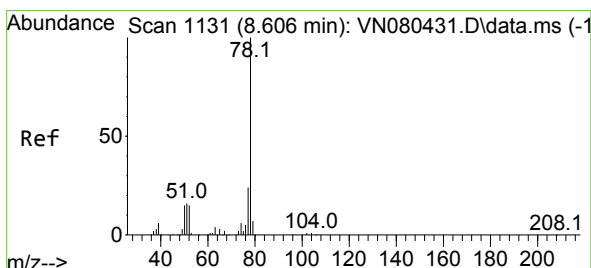
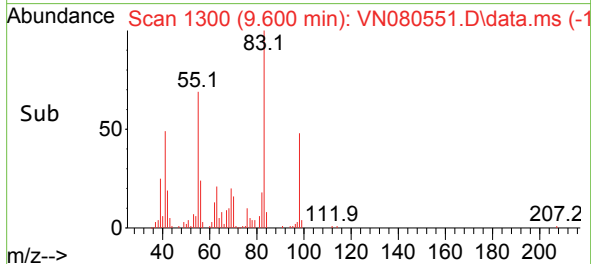
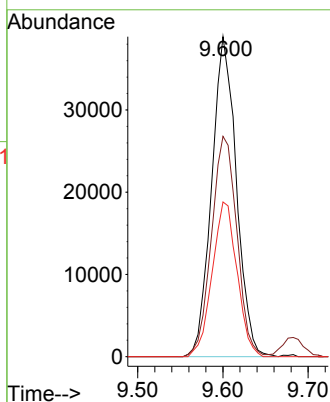
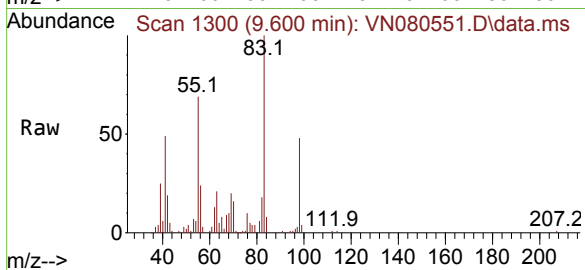
Tgt Ion: 83 Resp: 78395

Ion Ratio Lower Upper

83 100

55 68.8 49.1 73.7

98 48.4 40.6 61.0



#40

Benzene

Concen: 17.477 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080551.D

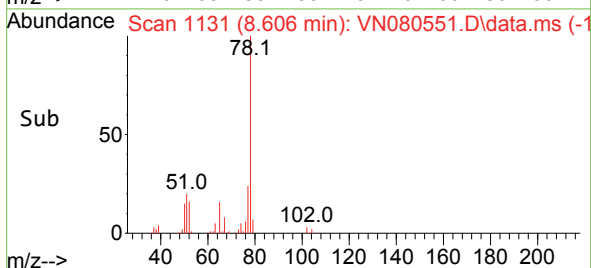
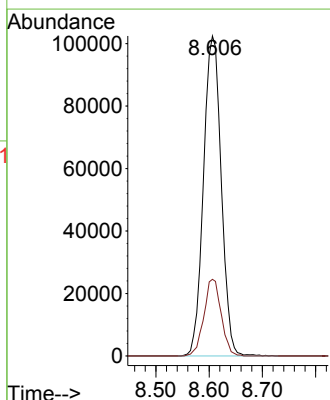
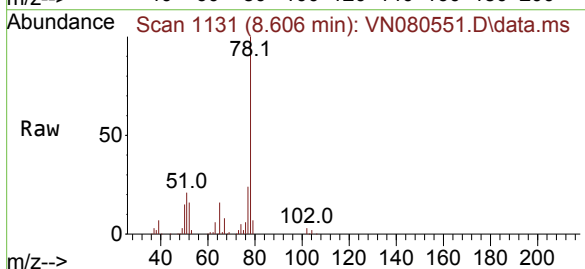
Acq: 20 Dec 2023 16:54

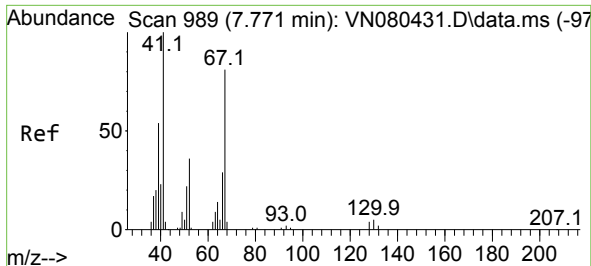
Tgt Ion: 78 Resp: 237089

Ion Ratio Lower Upper

78 100

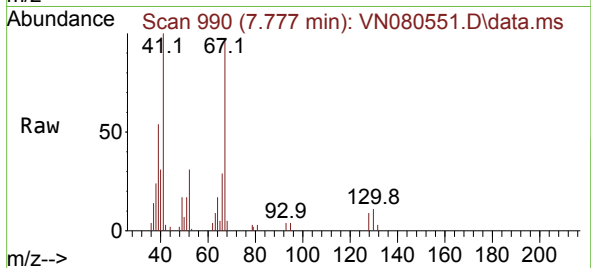
77 24.0 19.0 28.6



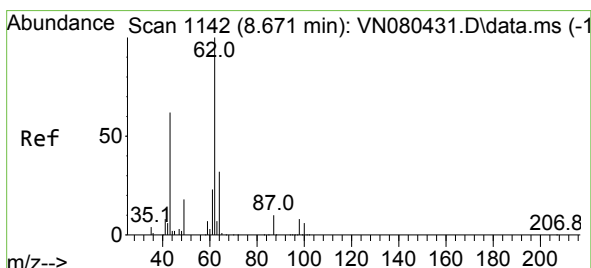
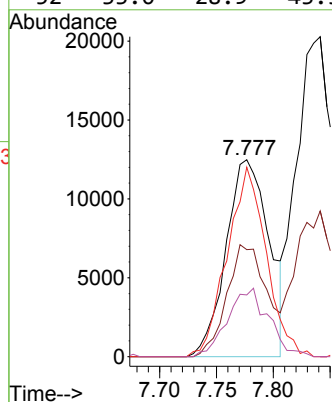
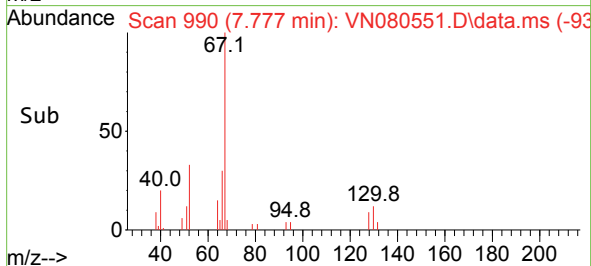


#41
Methacrylonitrile
Concen: 19.379 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

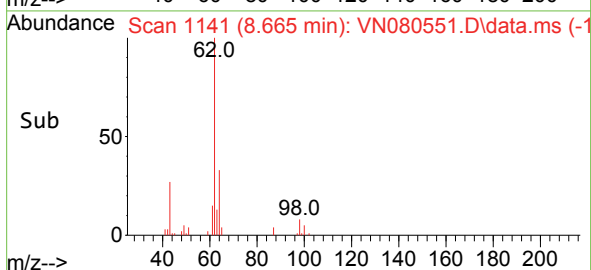
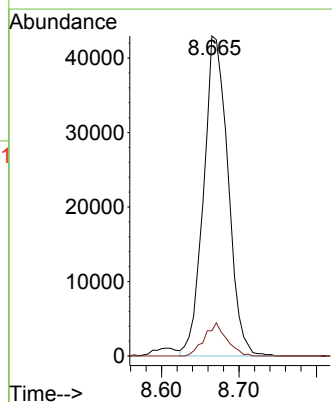
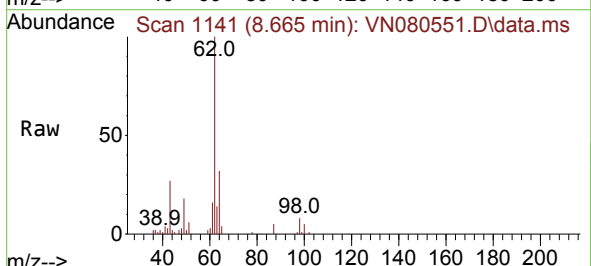


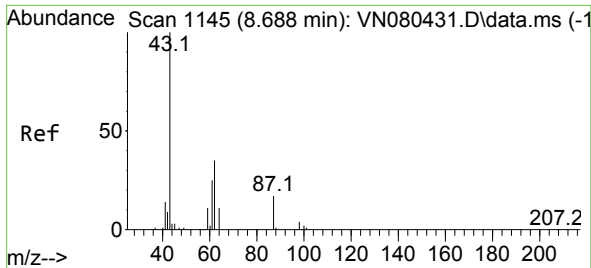
Tgt Ion:	41	Resp:	32866
Ion Ratio	Lower	Upper	
41	100		
39	53.0	42.6	64.0
67	87.3	77.5	116.3
52	33.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.762 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:	62	Resp:	94248
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.8

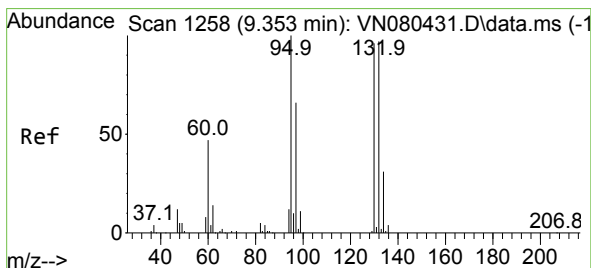
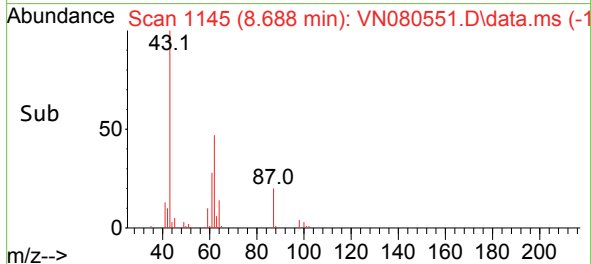
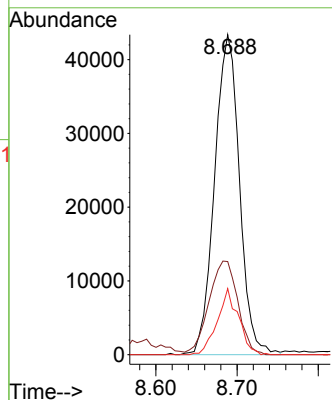
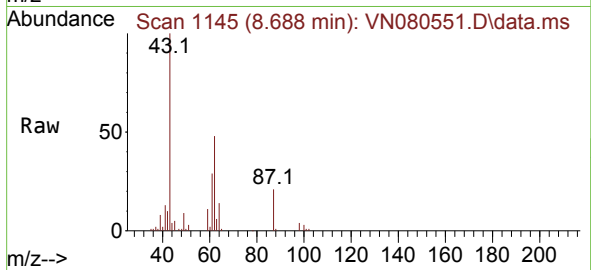




#43
Isopropyl Acetate
Concen: 17.487 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

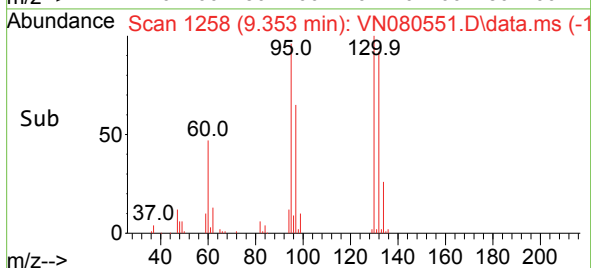
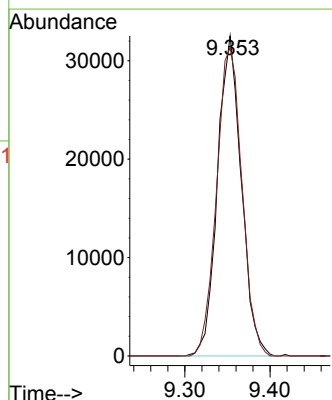
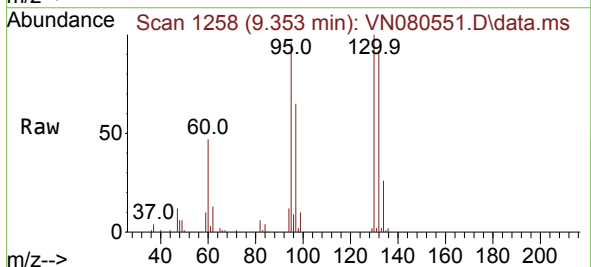
Instrument :
MSVOA_N
ClientSampleId :

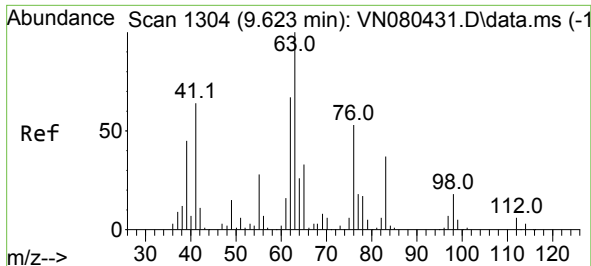
Tgt Ion: 43 Resp: 92492
Ion Ratio Lower Upper
43 100
61 33.9 24.7 37.1
87 17.6 14.6 21.8



#44
Trichloroethene
Concen: 17.269 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:130 Resp: 63155
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.291 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

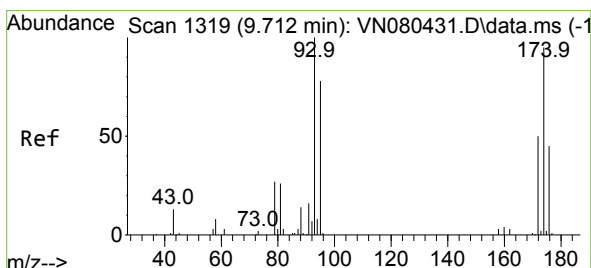
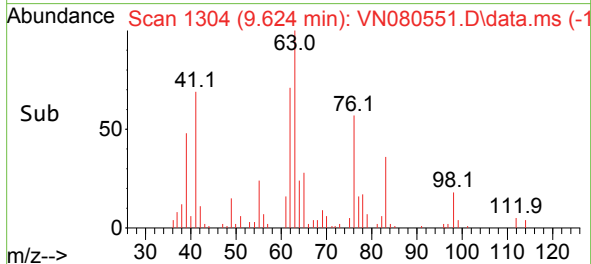
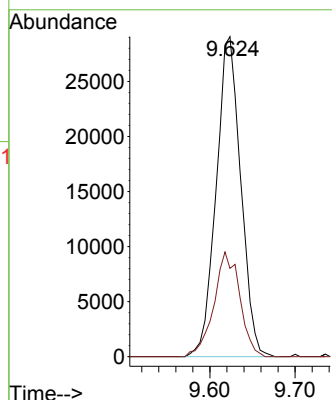
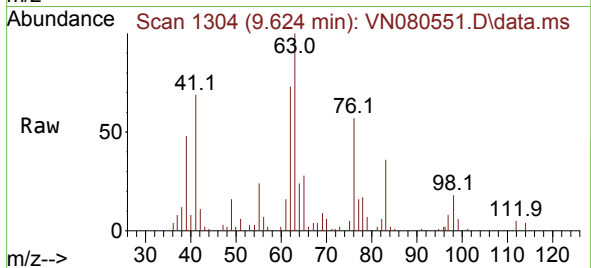
ClientSampleId :

Tgt Ion: 63 Resp: 58277

Ion Ratio Lower Upper

63 100

65 27.6 23.9 35.9



#46

Dibromomethane

Concen: 18.539 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

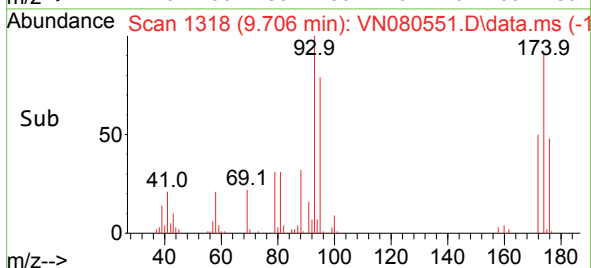
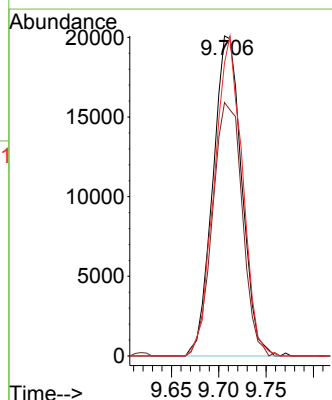
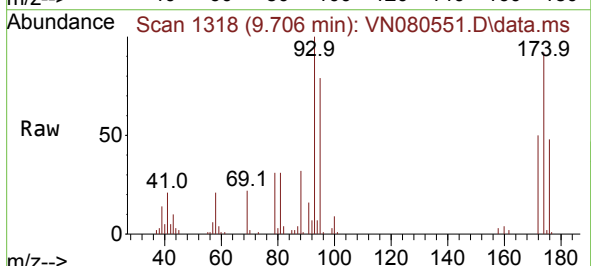
Tgt Ion: 93 Resp: 42419

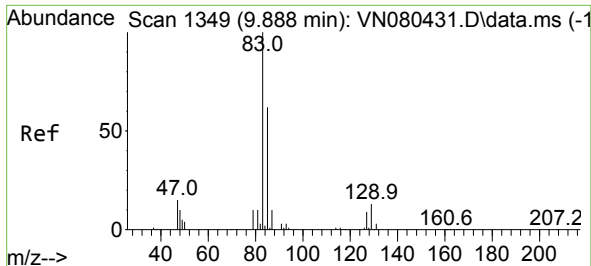
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 96.9 65.6 98.4

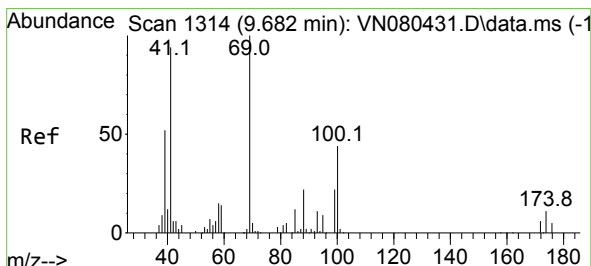
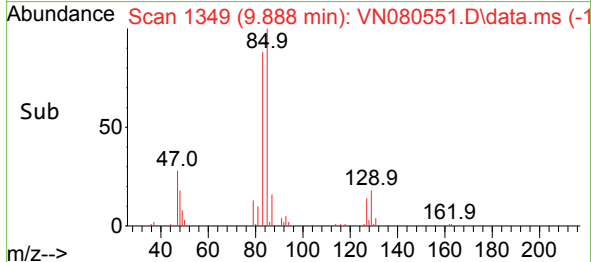
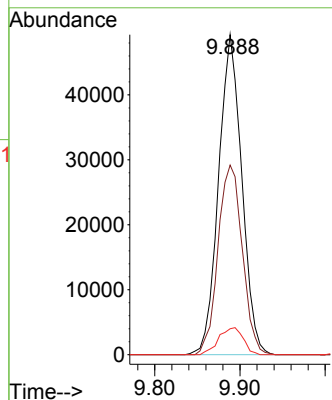
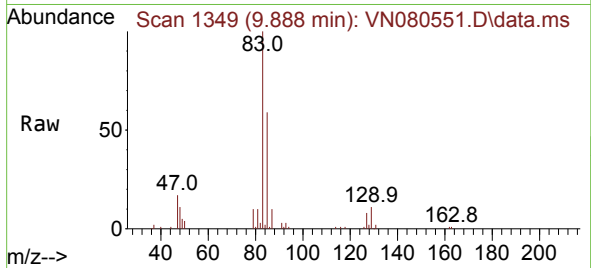




#47
Bromodichloromethane
Concen: 18.993 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

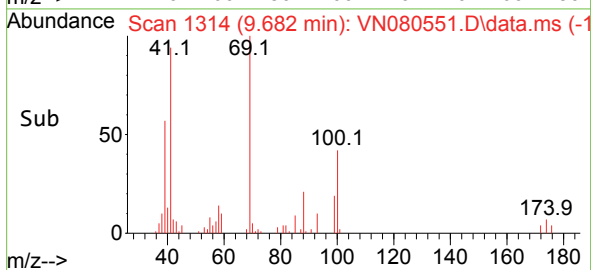
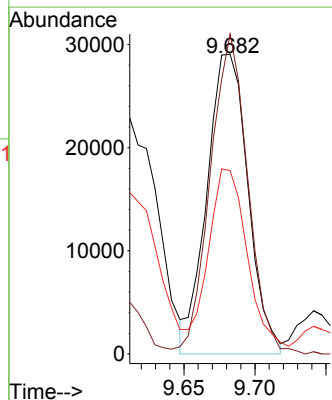
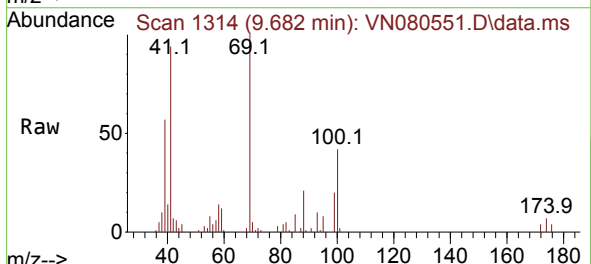
Instrument :
MSVOA_N
ClientSampleId :

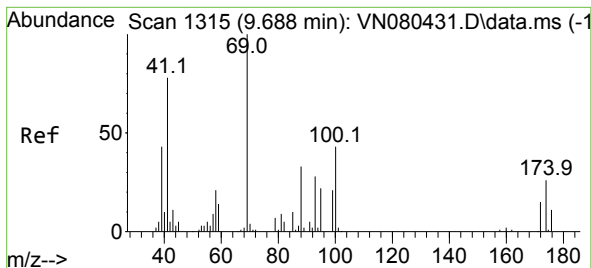
Tgt Ion: 83 Resp: 93138
Ion Ratio Lower Upper
83 100
85 59.2 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 18.530 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 41 Resp: 58490
Ion Ratio Lower Upper
41 100
69 97.3 90.4 135.6
39 59.1 54.6 81.8





#49

1,4-Dioxane

Concen: 364.443 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

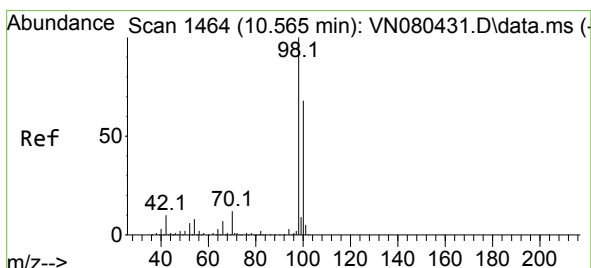
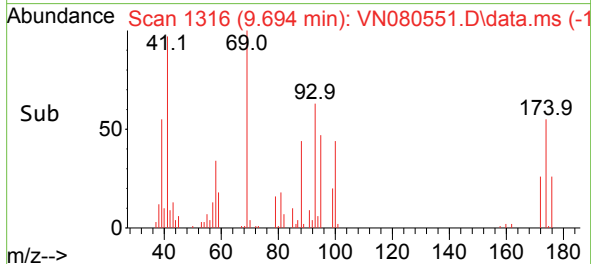
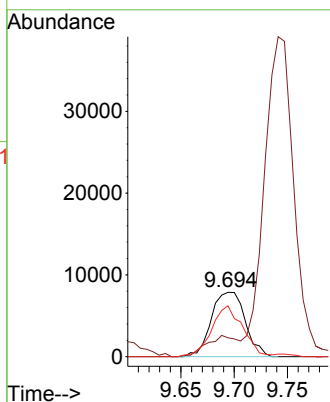
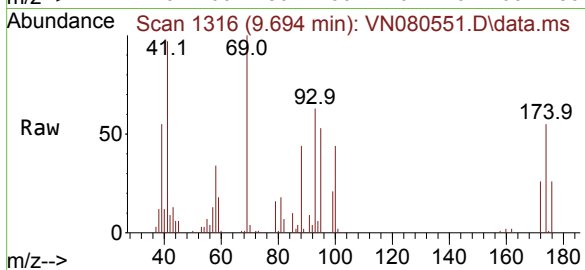
Tgt Ion: 88 Resp: 17436

Ion Ratio Lower Upper

88 100

43 30.6 17.0 25.6#

58 72.6 47.0 70.4#



#50

Toluene-d8

Concen: 52.399 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080551.D

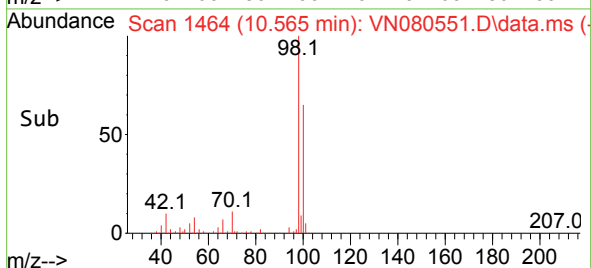
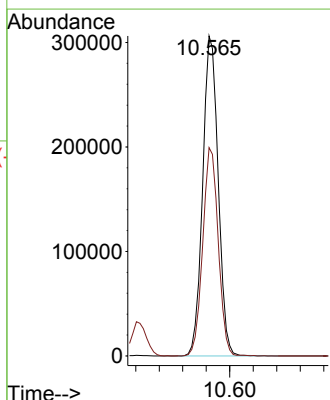
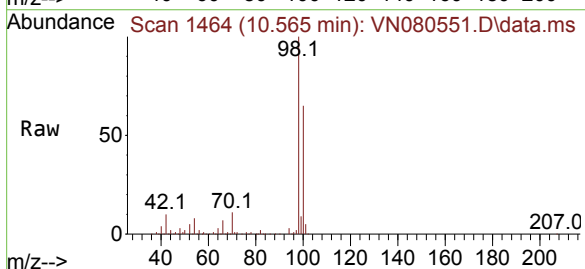
Acq: 20 Dec 2023 16:54

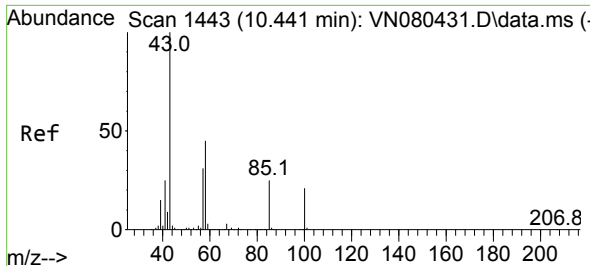
Tgt Ion: 98 Resp: 561471

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

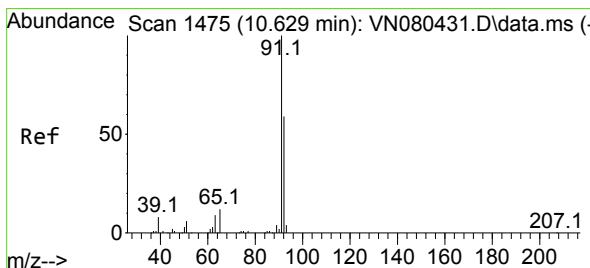
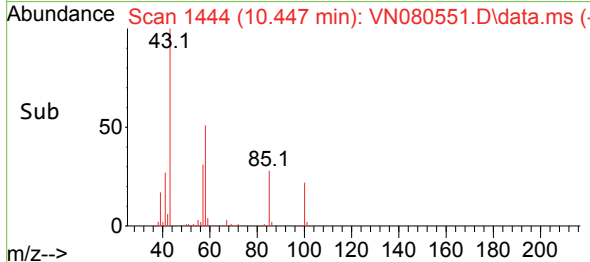
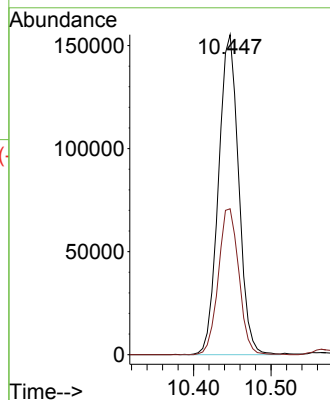
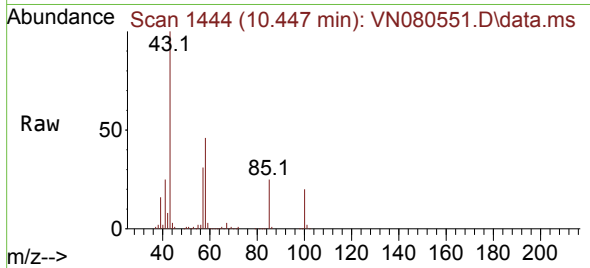




#51
4-Methyl-2-Pentanone
Concen: 96.452 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

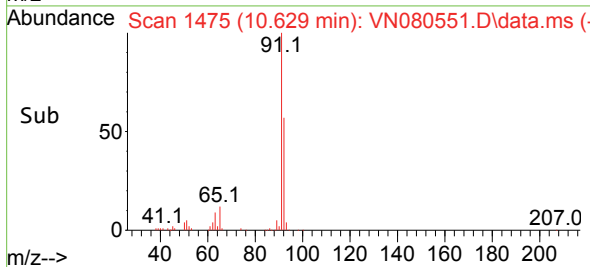
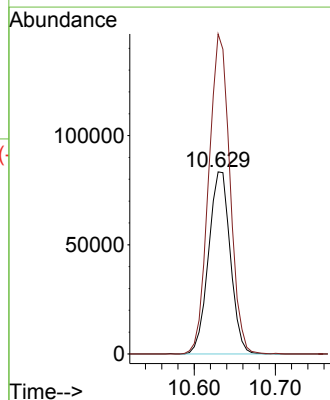
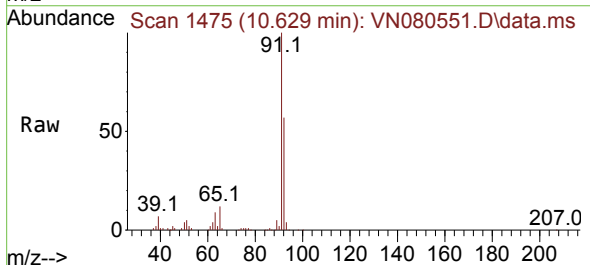
Instrument :
MSVOA_N
ClientSampleId :

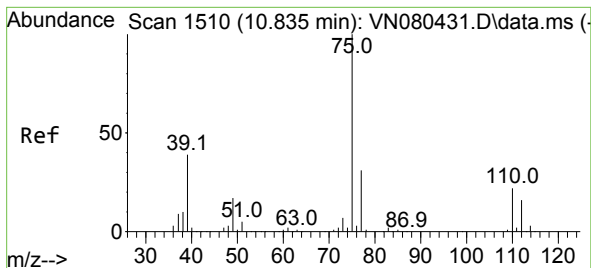
Tgt Ion: 43 Resp: 280968
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8



#52
Toluene
Concen: 18.096 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 92 Resp: 155076
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0

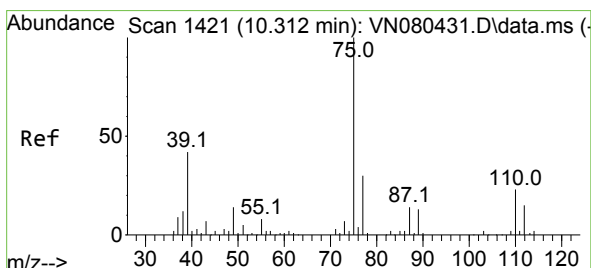
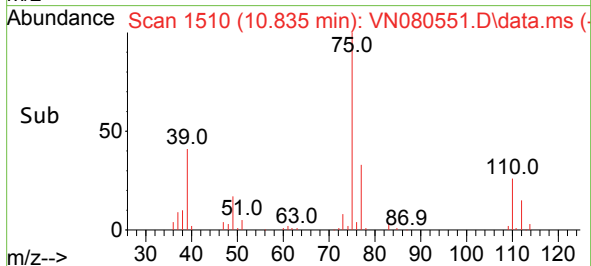
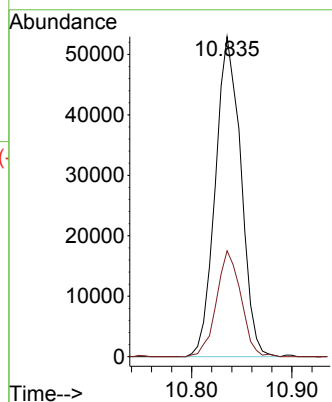
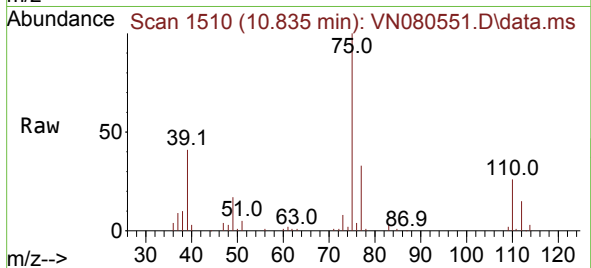




#53
 t-1,3-Dichloropropene
 Concen: 17.673 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

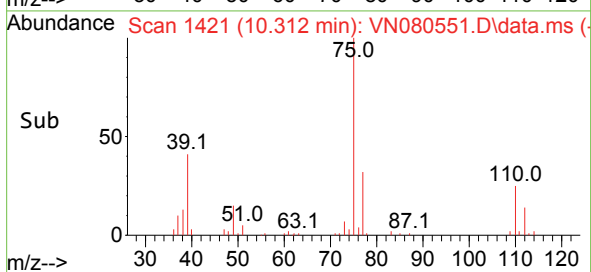
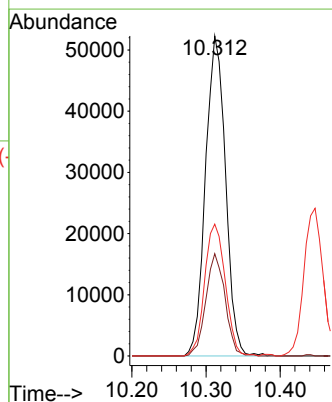
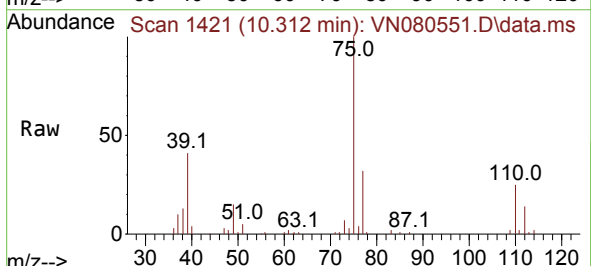
Instrument :
 MSVOA_N
 ClientSampleId :

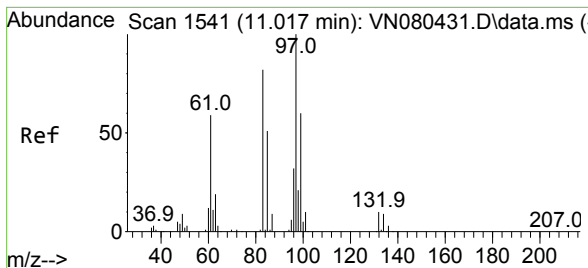
Tgt Ion: 75 Resp: 93767
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.311 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 98167
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.1 39.1
 39 41.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.053 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 58752

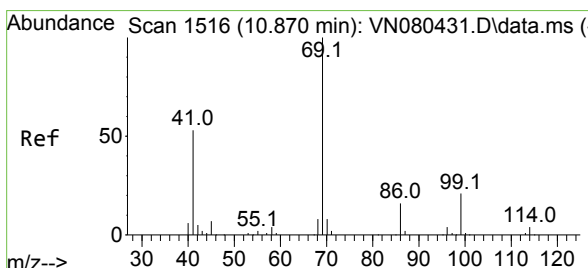
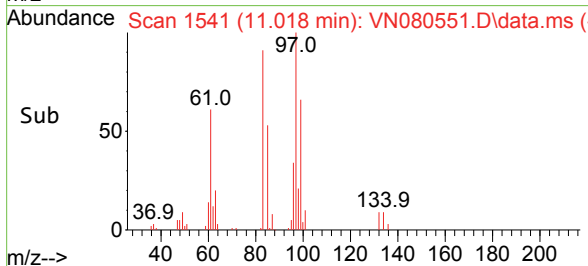
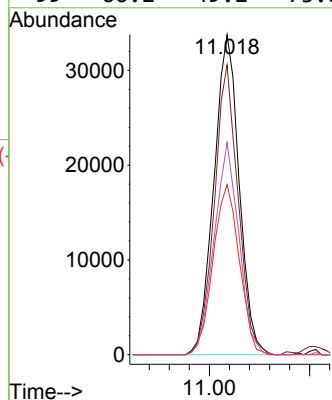
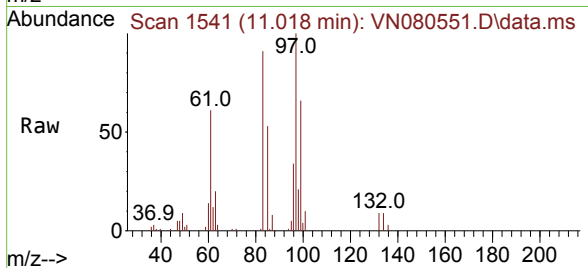
Ion Ratio Lower Upper

97 100

83 90.5 65.1 97.7

85 53.2 43.4 65.2

99 66.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 17.345 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

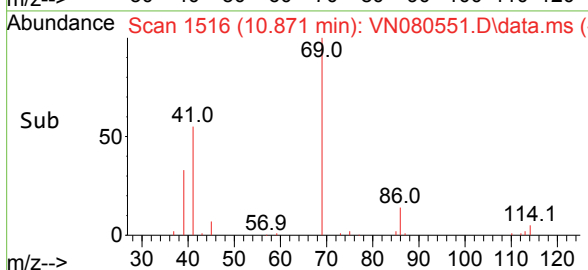
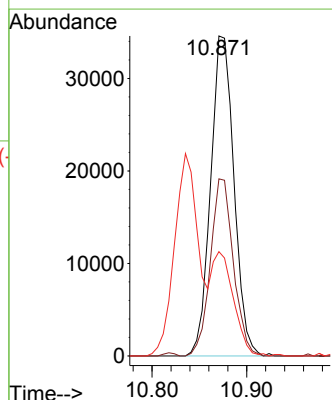
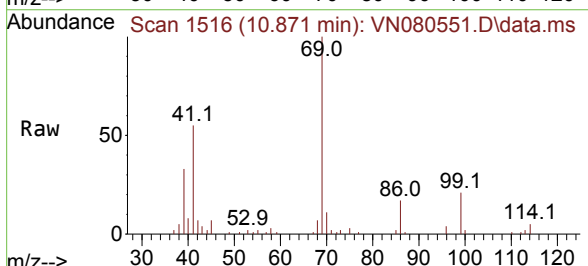
Tgt Ion: 69 Resp: 59215

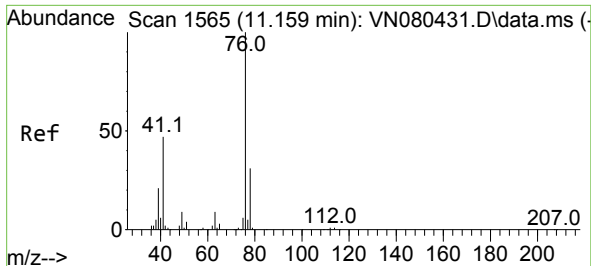
Ion Ratio Lower Upper

69 100

41 54.6 39.6 59.4

39 29.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.003 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

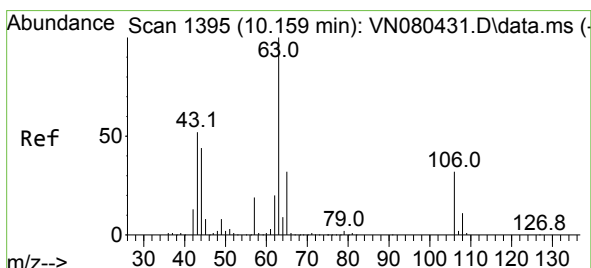
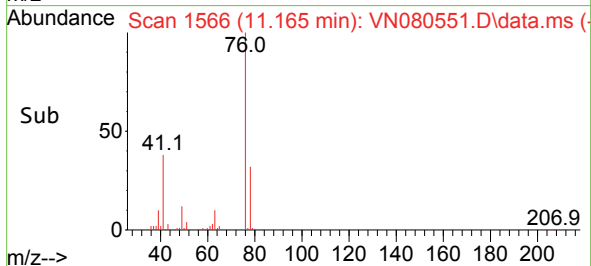
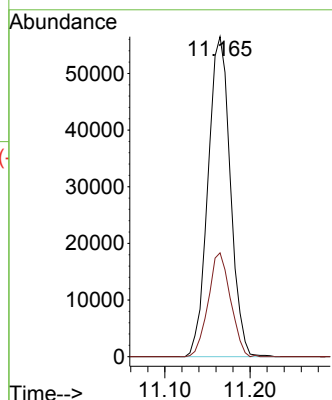
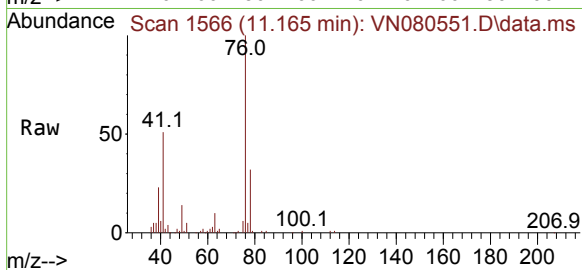
ClientSampleId :

Tgt Ion: 76 Resp: 102719

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.336 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080551.D

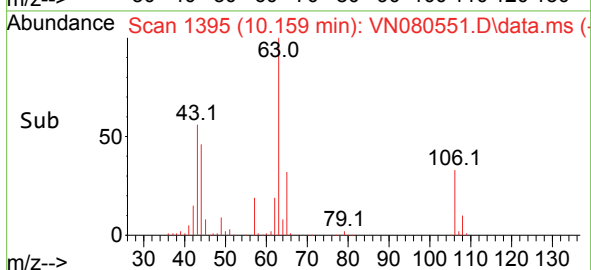
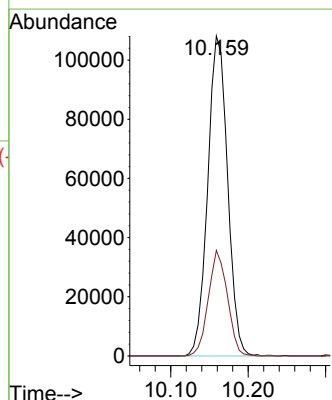
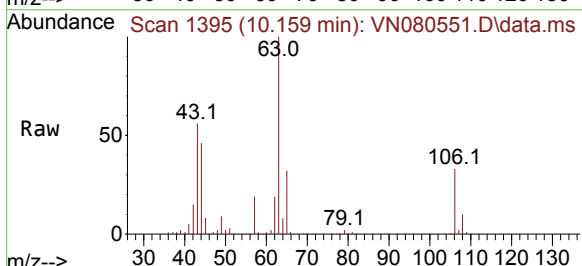
Acq: 20 Dec 2023 16:54

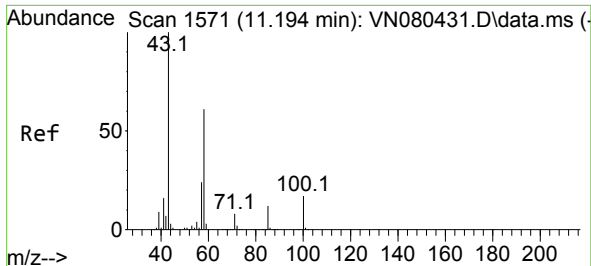
Tgt Ion: 63 Resp: 192539

Ion Ratio Lower Upper

63 100

106 31.6 26.2 39.4

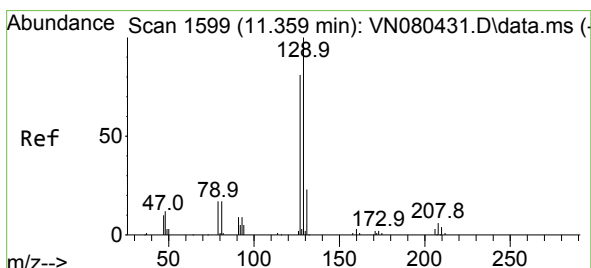
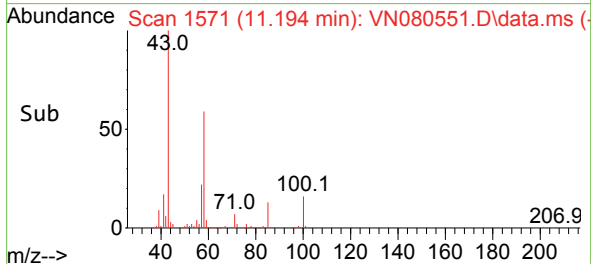
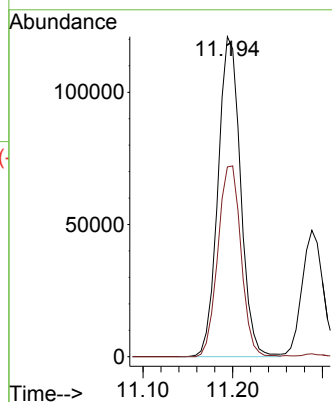
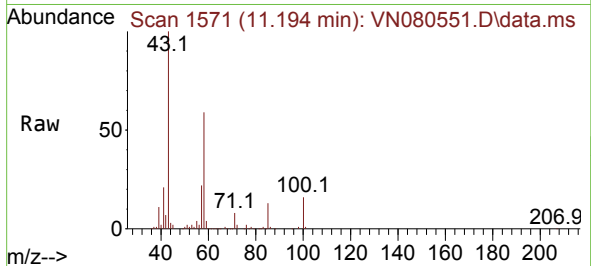




#59
2-Hexanone
Concen: 98.064 ug/l
RT: 11.194 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

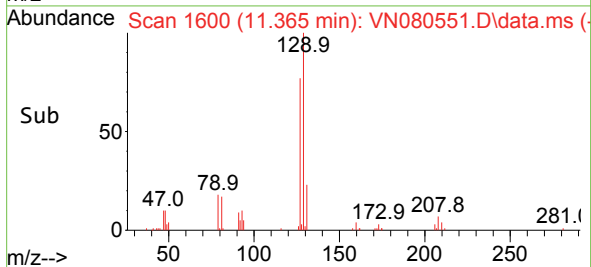
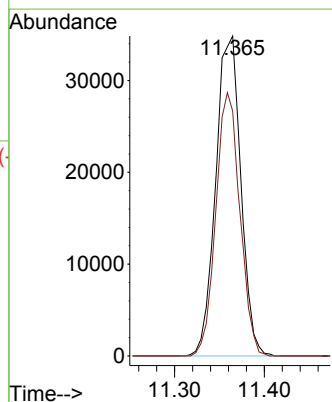
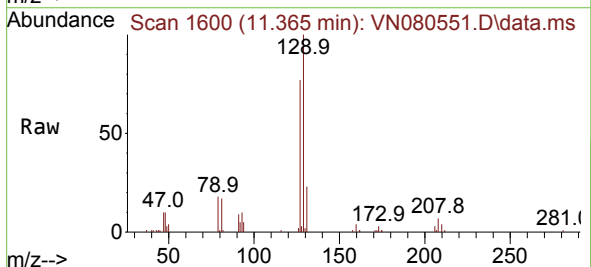
Instrument :
MSVOA_N
ClientSampleId :

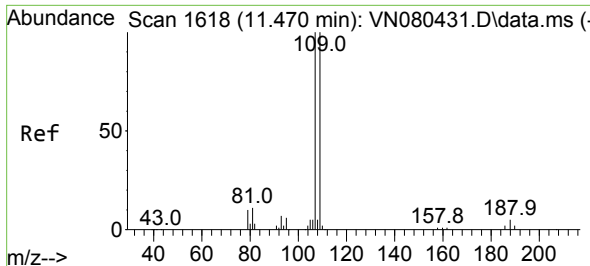
Tgt Ion: 43 Resp: 210891
Ion Ratio Lower Upper
43 100
58 61.2 31.7 95.1



#60
Dibromochloromethane
Concen: 18.558 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 129 Resp: 67808
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

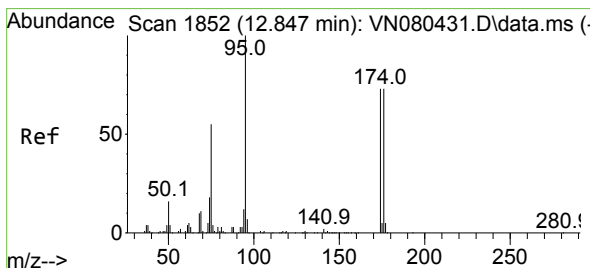
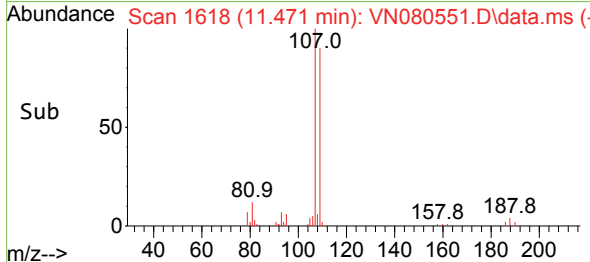
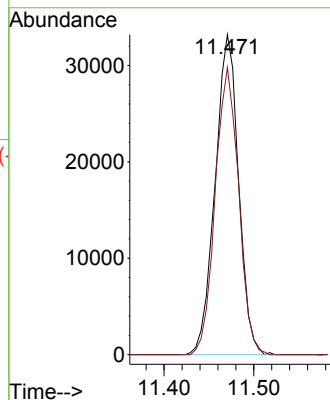
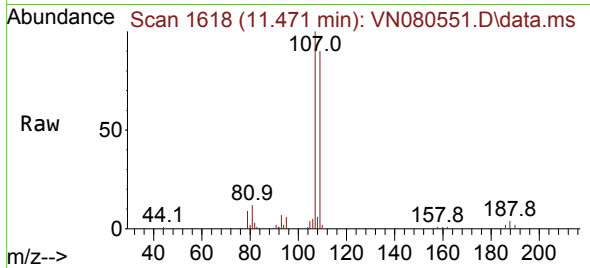




#61
1,2-Dibromoethane
Concen: 18.877 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

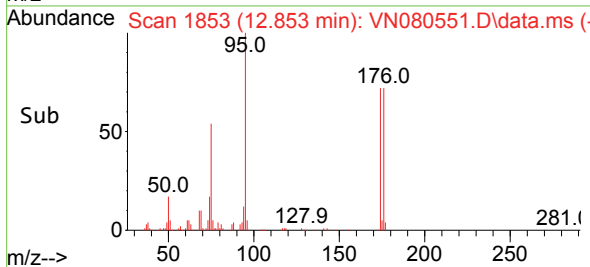
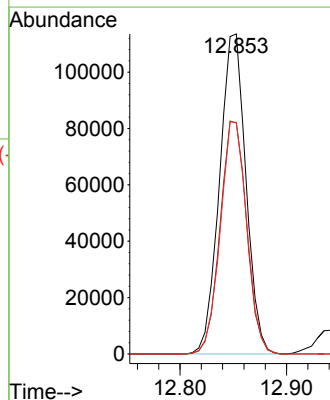
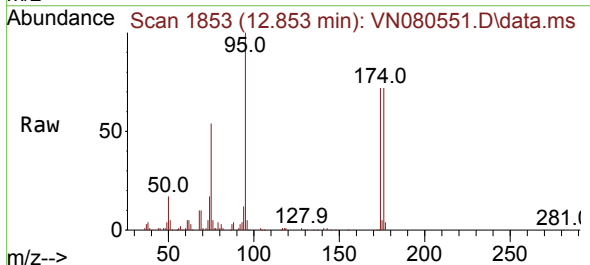
Instrument :
MSVOA_N
ClientSampleId :

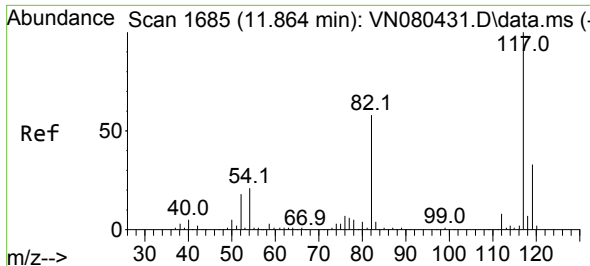
Tgt Ion:107 Resp: 60243
Ion Ratio Lower Upper
107 100
109 89.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.996 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

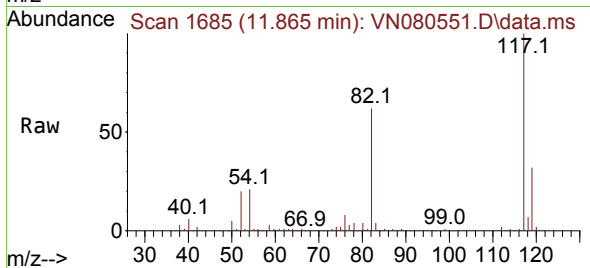
Tgt Ion: 95 Resp: 195288
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 72.6 0.0 135.8



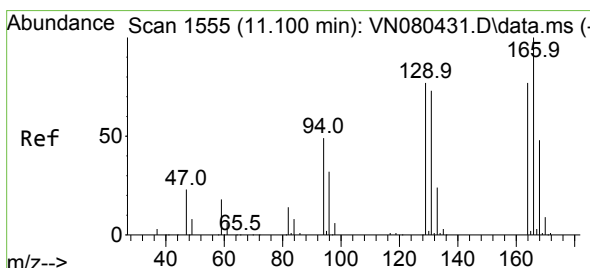
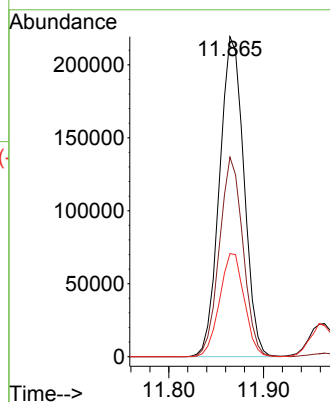
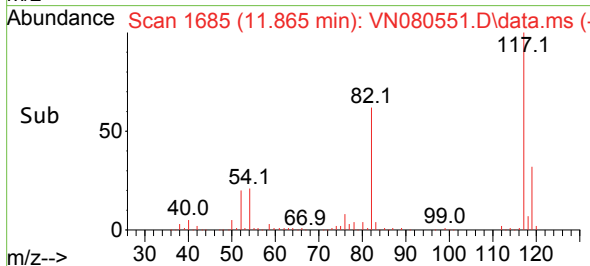


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

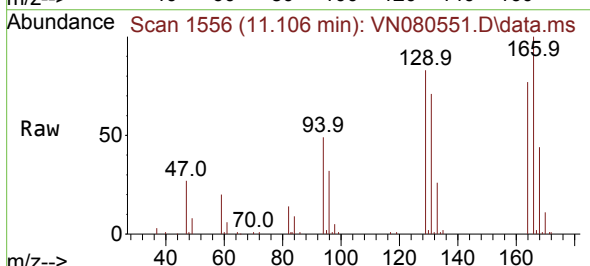
Instrument :
MSVOA_N
ClientSampleId :



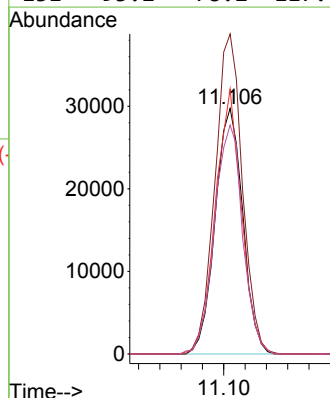
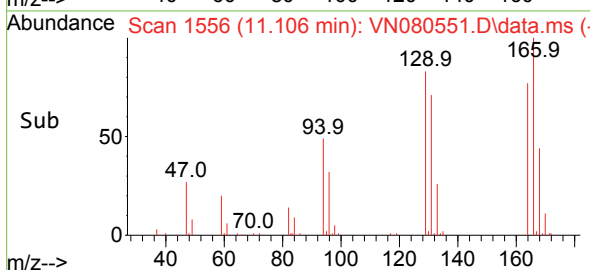
Tgt Ion:117 Resp: 392706
Ion Ratio Lower Upper
117 100
82 62.3 44.0 66.0
119 32.2 25.6 38.4

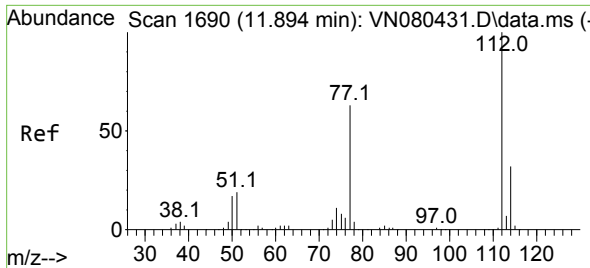


#64
Tetrachloroethene
Concen: 17.568 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54



Tgt Ion:164 Resp: 53266
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 107.9 82.4 123.6
131 93.2 78.2 117.4

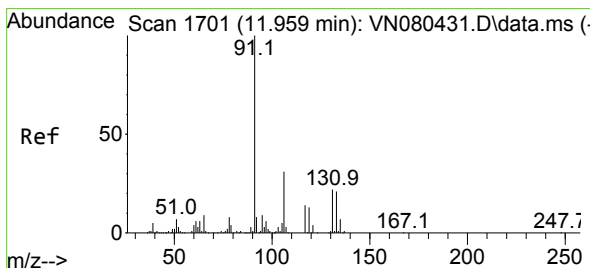
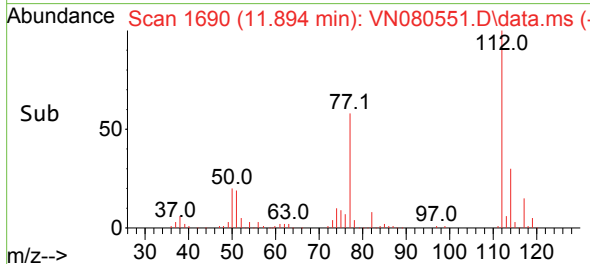
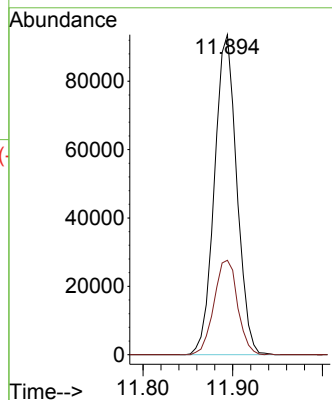
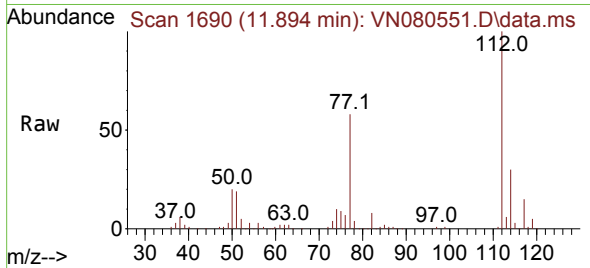




#65
Chlorobenzene
Concen: 18.495 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

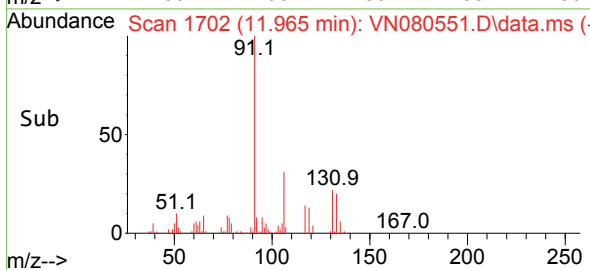
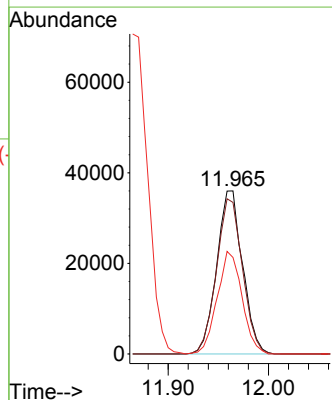
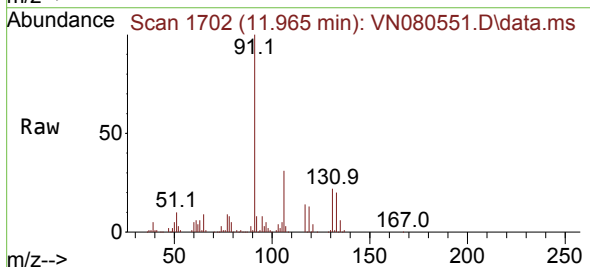
Instrument :
MSVOA_N
ClientSampleId :

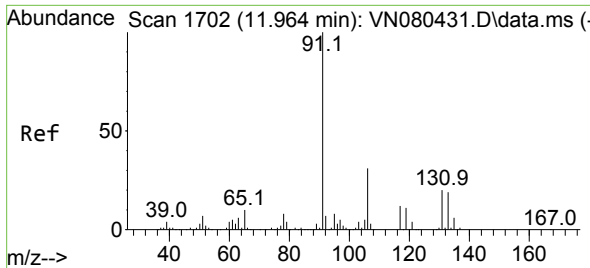
Tgt Ion:112 Resp: 161568
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.842 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:131 Resp: 64587
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 60.3 34.1 102.2

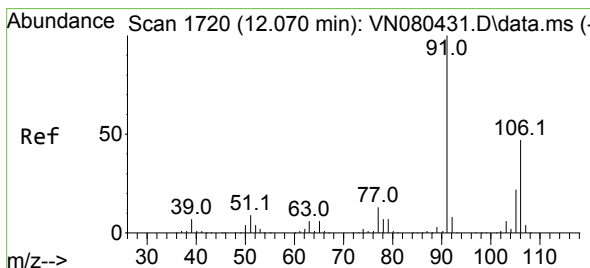
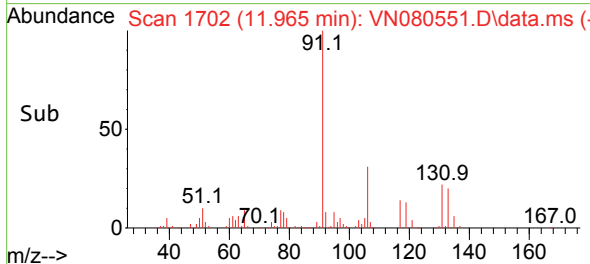
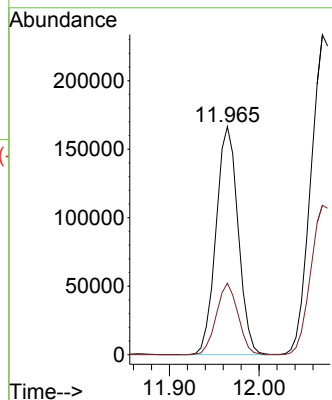
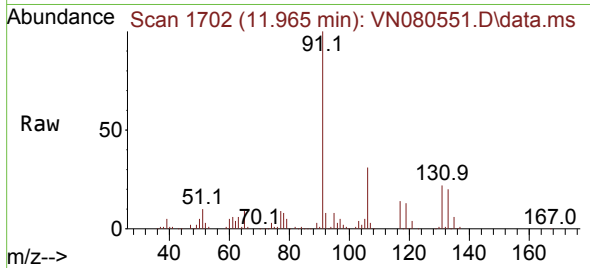




#67
Ethyl Benzene
Concen: 17.721 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

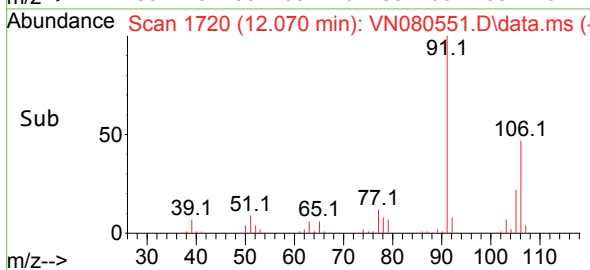
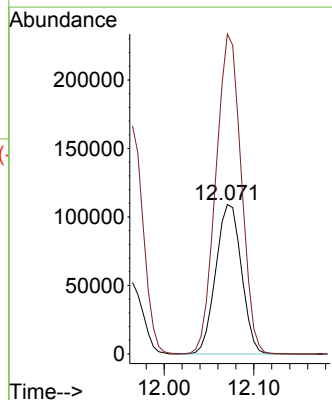
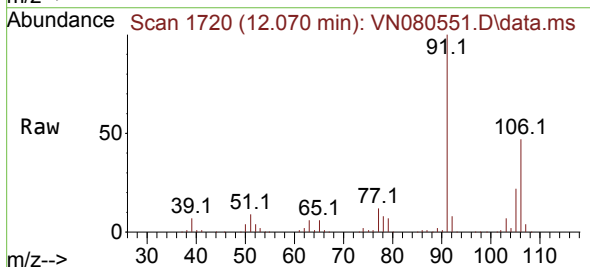
Instrument :
MSVOA_N
ClientSampleId :

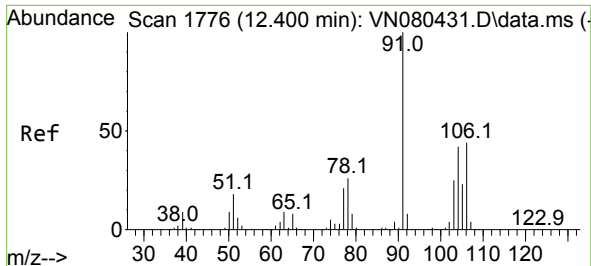
Tgt Ion: 91 Resp: 284655
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 36.515 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:106 Resp: 216739
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

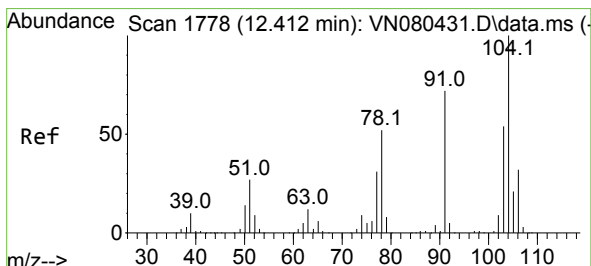
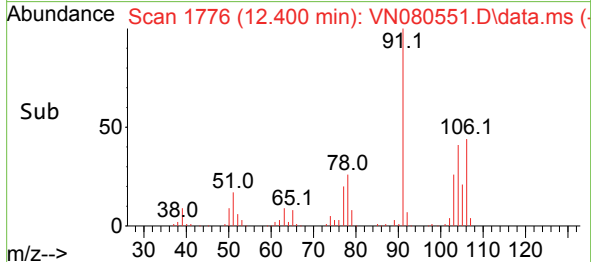
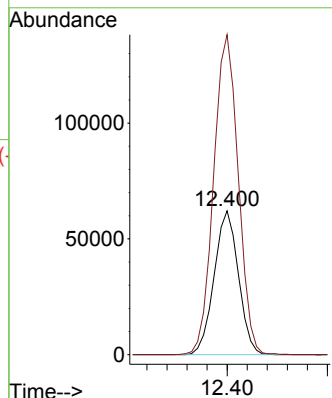
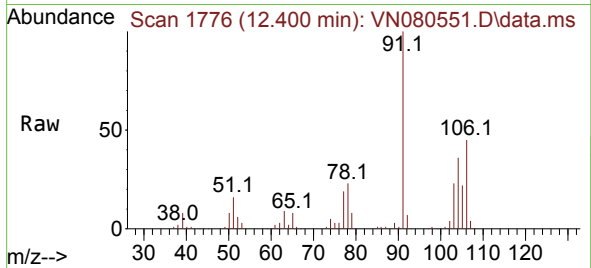




#69
o-Xylene
Concen: 17.945 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

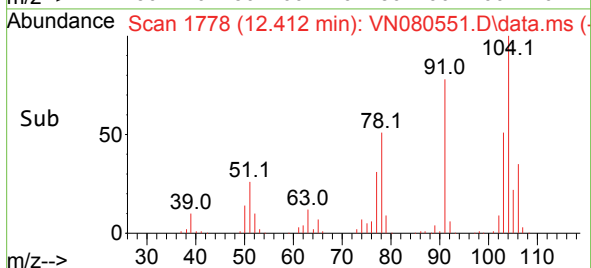
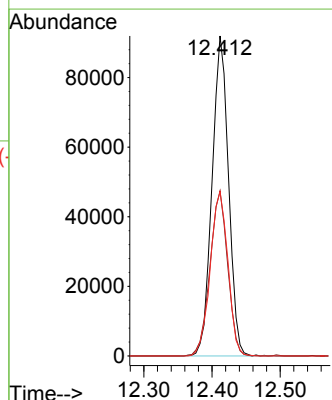
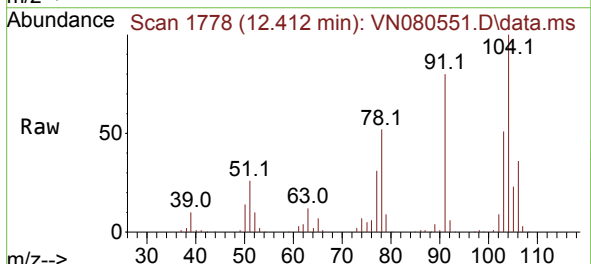
Instrument :
MSVOA_N
ClientSampleId :

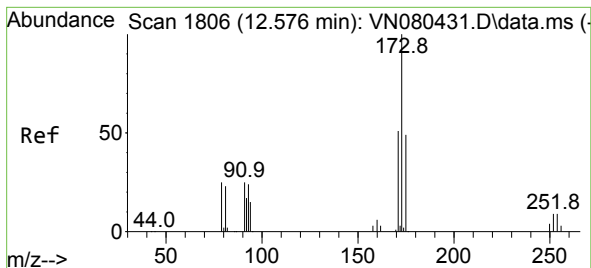
Tgt Ion:106 Resp: 104186
Ion Ratio Lower Upper
106 100
91 225.7 105.2 315.5



#70
Styrene
Concen: 18.497 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:104 Resp: 154685
Ion Ratio Lower Upper
104 100
78 55.4 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 17.985 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080551.D

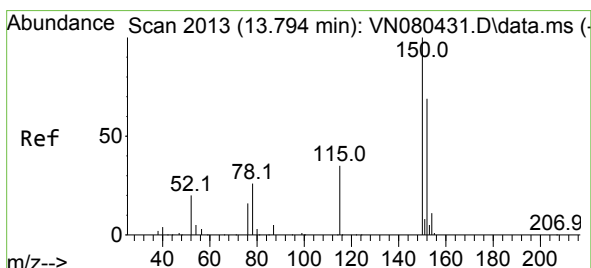
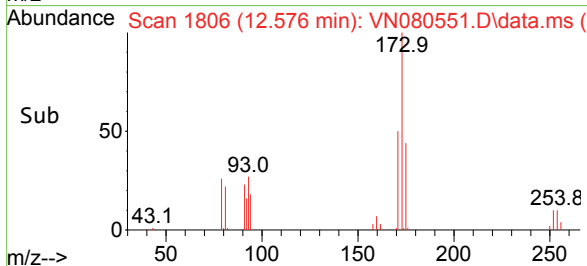
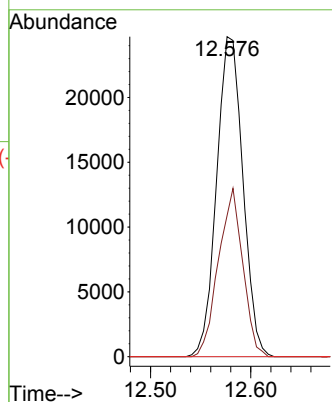
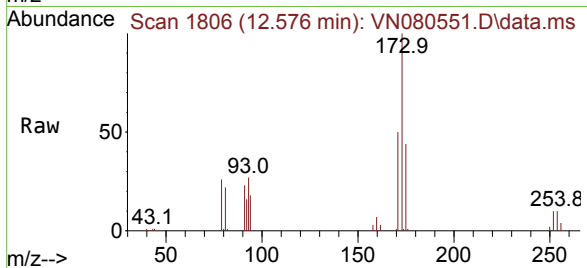
Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	44956
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.3 73.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

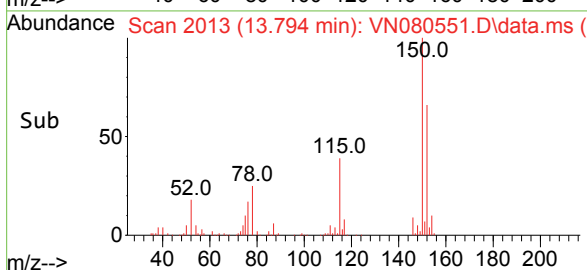
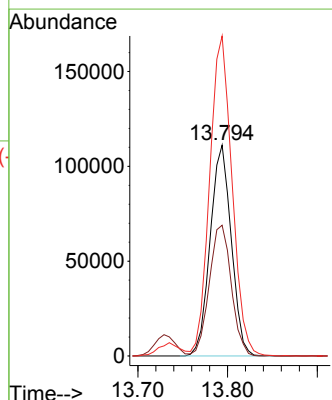
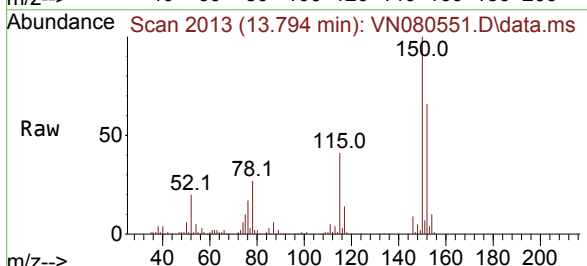
RT: 13.794 min Scan# 2013

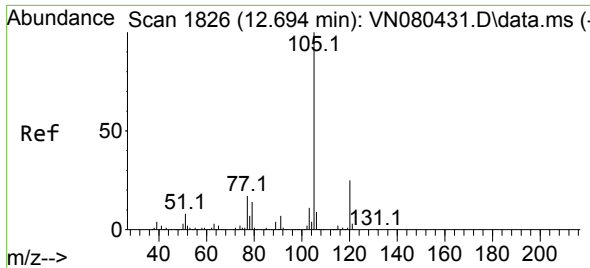
Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Tgt Ion:152	Resp:	181452
Ion Ratio	Lower	Upper
152	100	
115	64.8	32.3 96.8
150	160.6	0.0 355.8

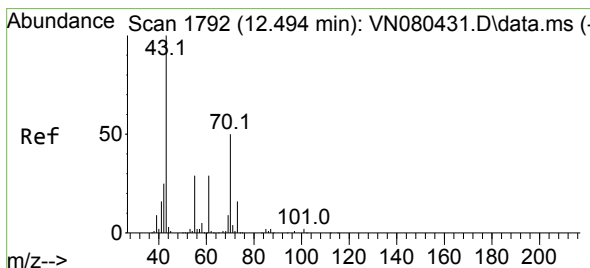
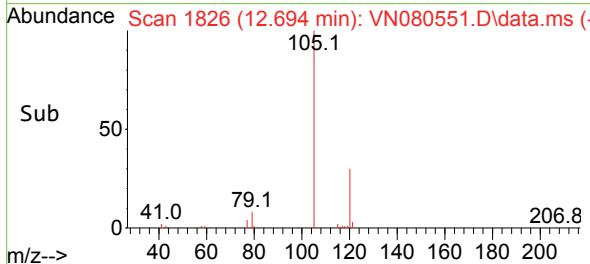
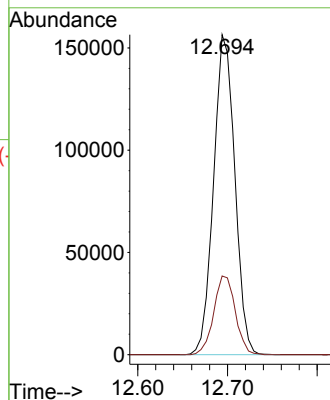
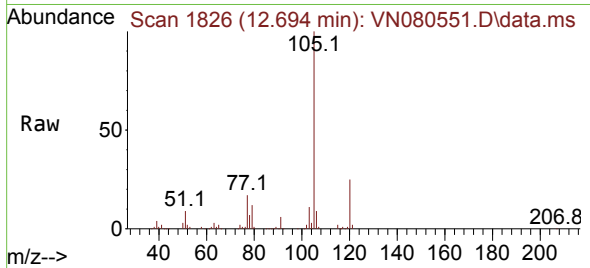




#73
Isopropylbenzene
Concen: 17.633 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

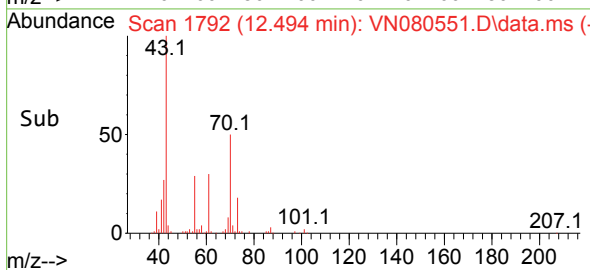
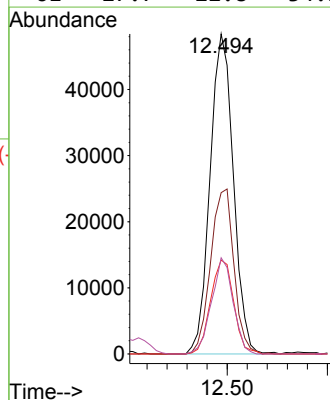
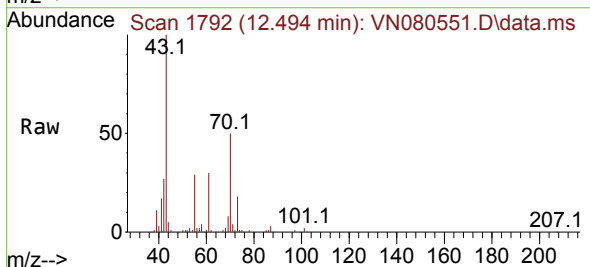
Instrument :
MSVOA_N
ClientSampleId :

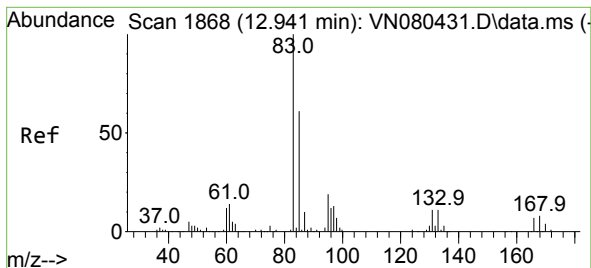
Tgt Ion:105 Resp: 257020
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#74
N-ethyl acetate
Concen: 18.395 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 43 Resp: 78300
Ion Ratio Lower Upper
43 100
70 51.5 43.4 65.2
55 29.0 21.4 32.0
61 27.7 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 18.578 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

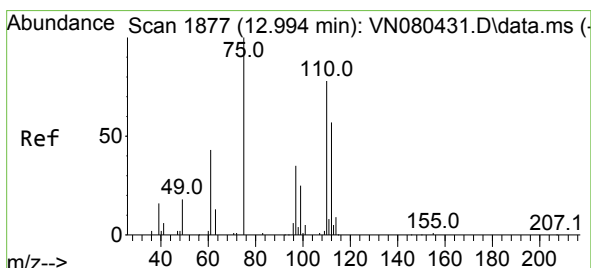
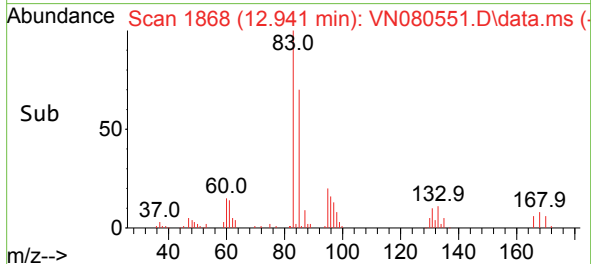
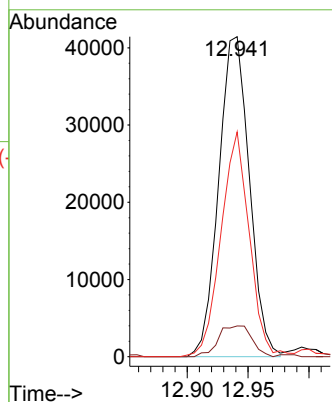
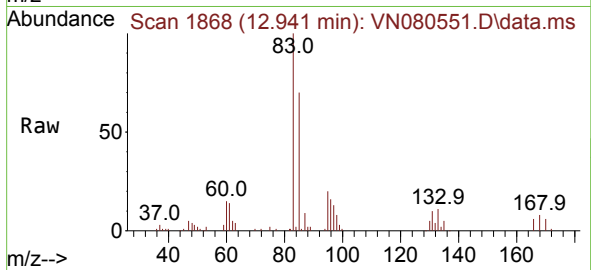
Tgt Ion: 83 Resp: 72567

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

85 65.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.897 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080551.D

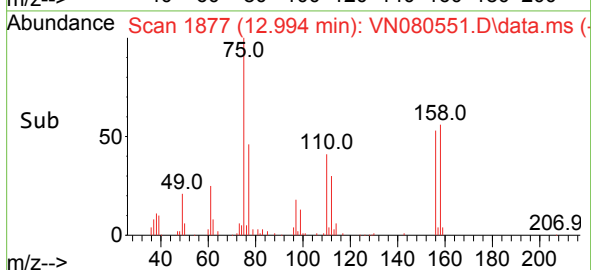
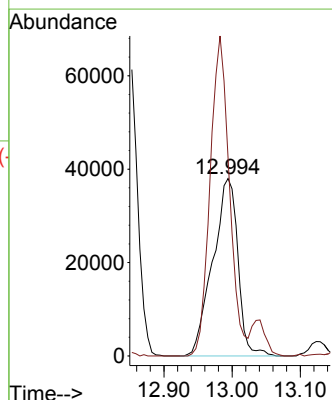
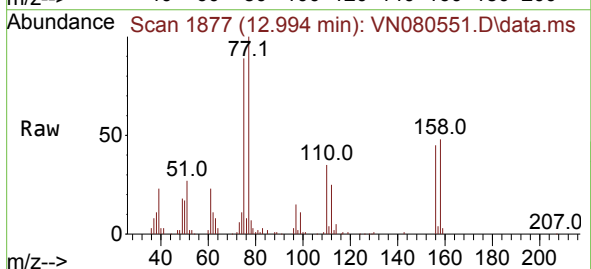
Acq: 20 Dec 2023 16:54

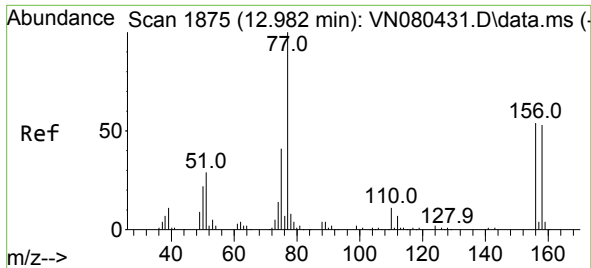
Tgt Ion: 75 Resp: 97365

Ion Ratio Lower Upper

75 100

77 139.0 84.5 253.5

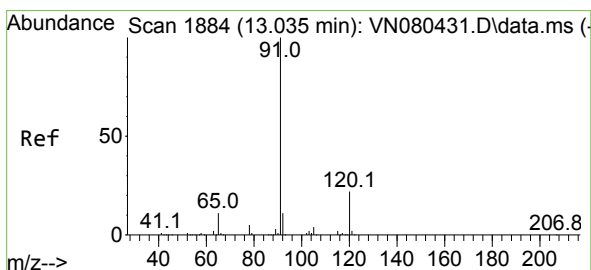
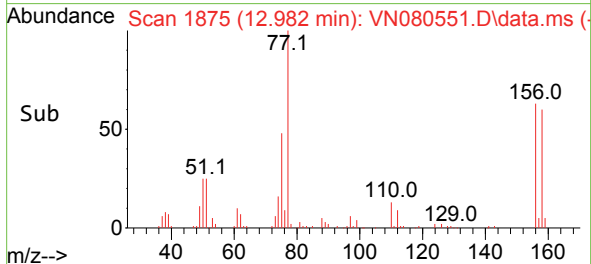
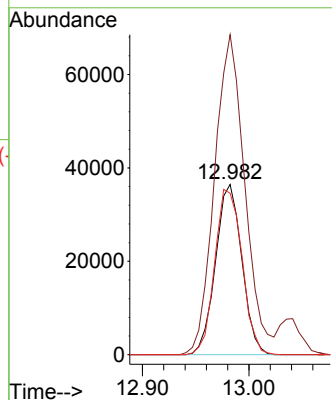
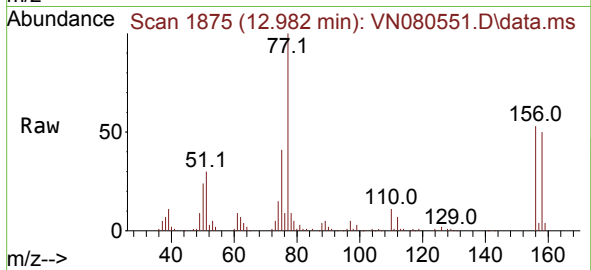




#77
Bromobenzene
Concen: 17.420 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

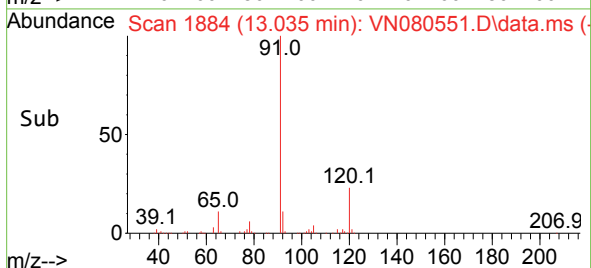
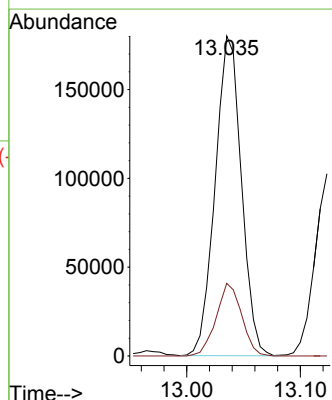
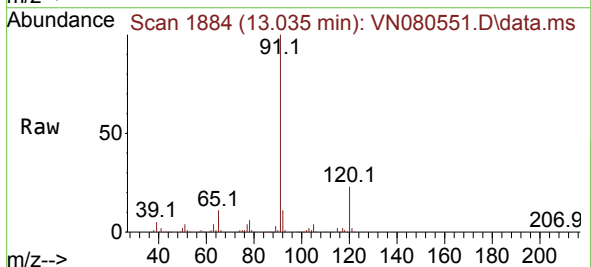
Instrument :
MSVOA_N
ClientSampleId :

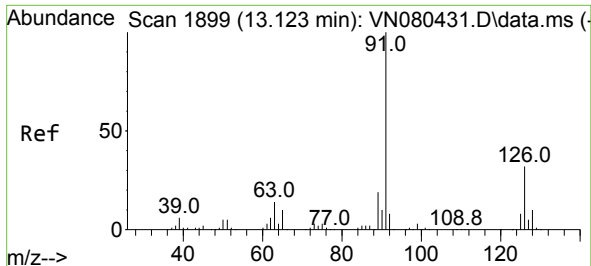
Tgt Ion:156 Resp: 62465
Ion Ratio Lower Upper
156 100
77 216.7 107.7 323.3
158 101.0 48.4 145.3



#78
n-propylbenzene
Concen: 17.974 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 91 Resp: 288868
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.744 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

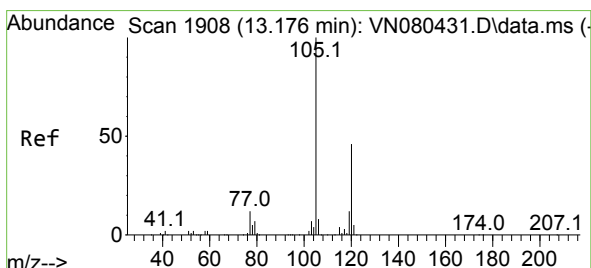
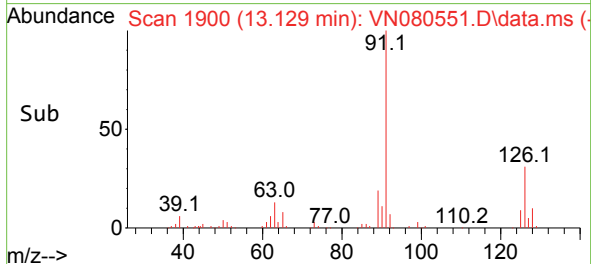
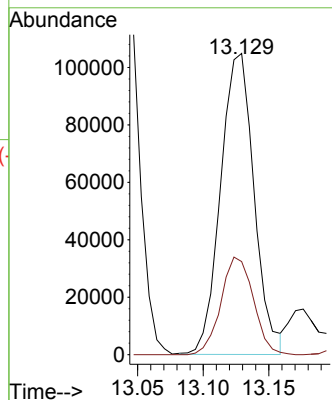
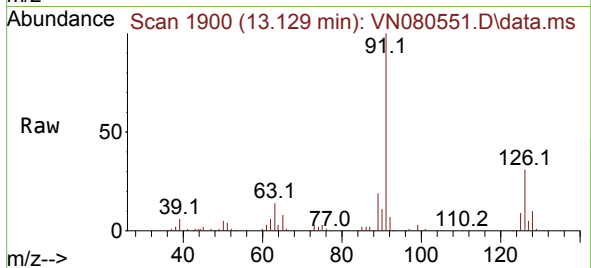
ClientSampleId :

Tgt Ion: 91 Resp: 186180

Ion Ratio Lower Upper

91 100

126 31.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 17.448 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080551.D

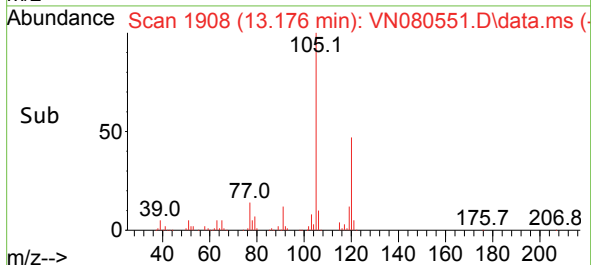
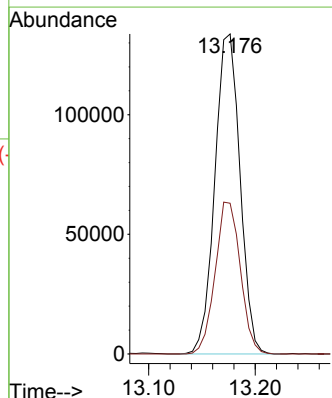
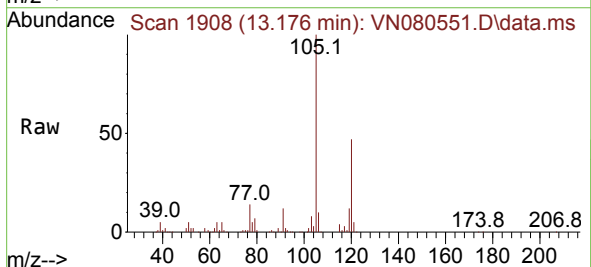
Acq: 20 Dec 2023 16:54

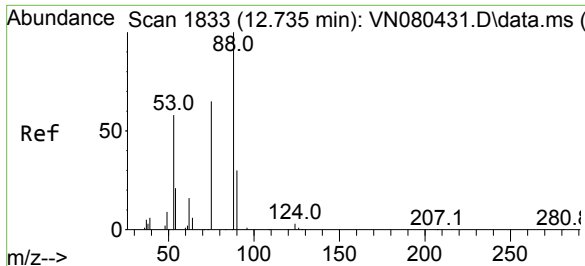
Tgt Ion: 105 Resp: 219037

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.3

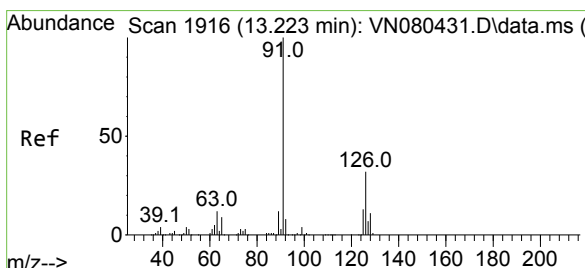
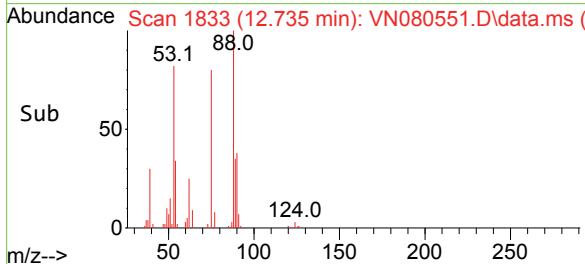
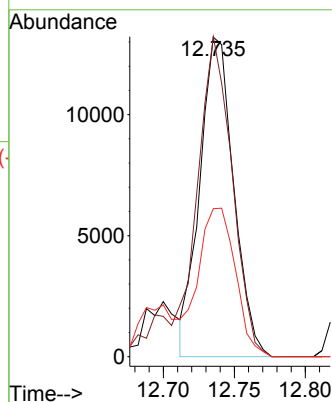
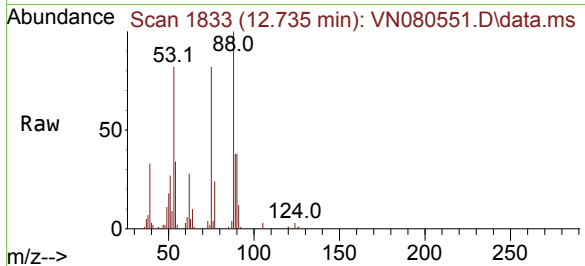




#81
trans-1,4-Dichloro-2-butene
Concen: 15.899 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

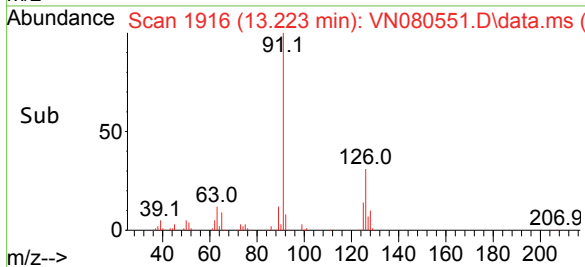
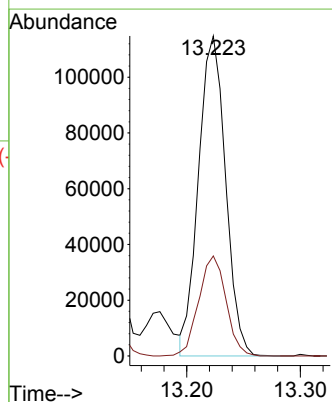
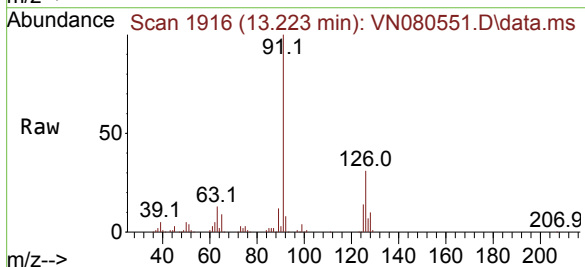
Instrument :
MSVOA_N
ClientSampleId :

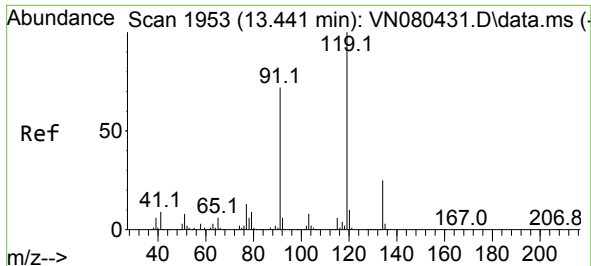
Tgt Ion: 75 Resp: 21920
Ion Ratio Lower Upper
75 100
53 113.0 67.4 101.2#
89 51.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 17.617 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion: 91 Resp: 190001
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0

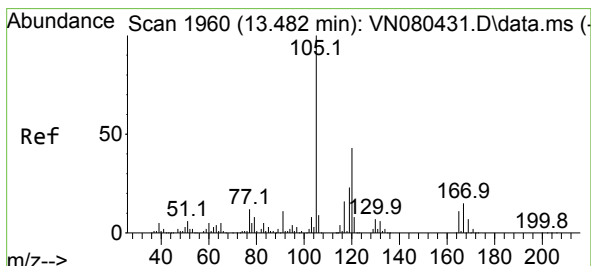
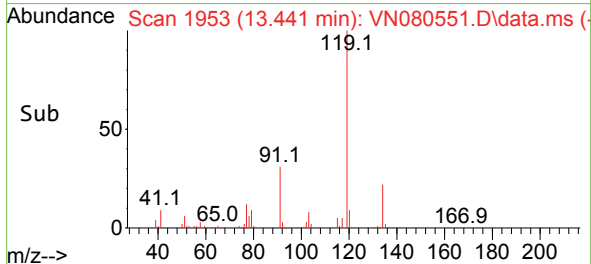
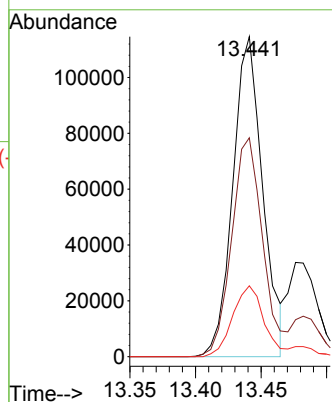
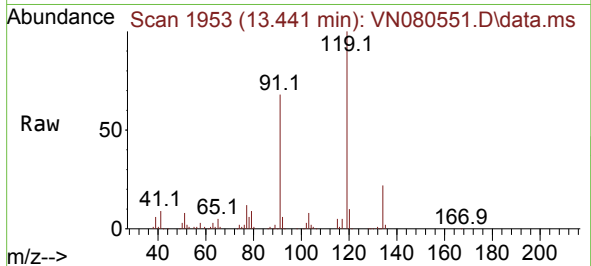




#83
 tert-Butylbenzene
 Concen: 17.676 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

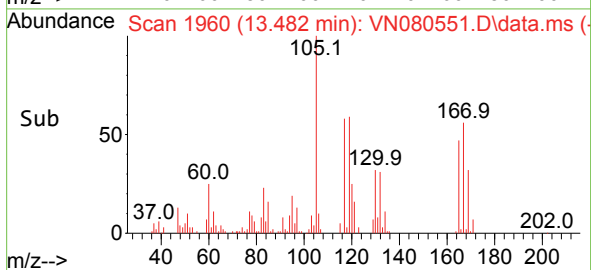
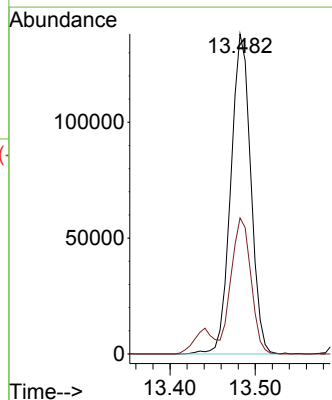
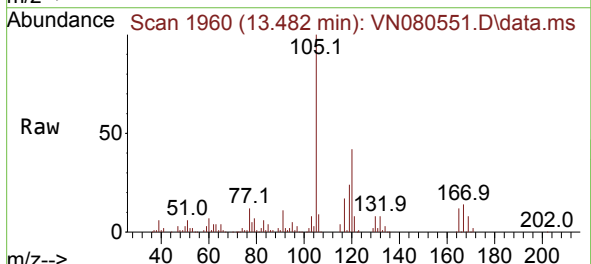
Instrument :
 MSVOA_N
 ClientSampleId :

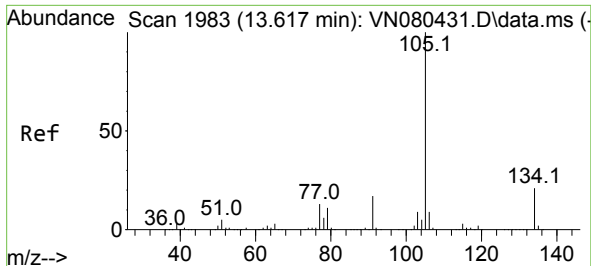
Tgt Ion:119 Resp: 181737
 Ion Ratio Lower Upper
 119 100
 91 71.9 33.9 101.7
 134 23.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 17.975 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion:105 Resp: 224496
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.0 66.0

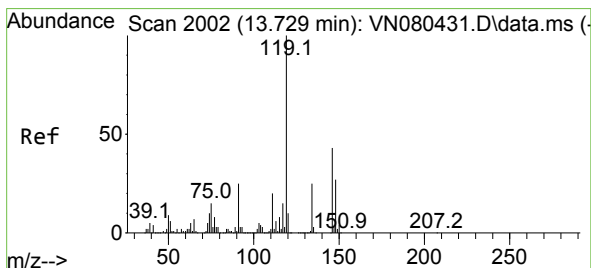
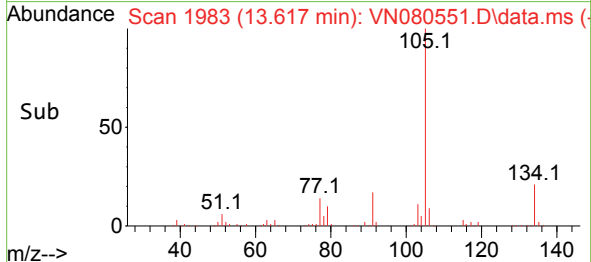
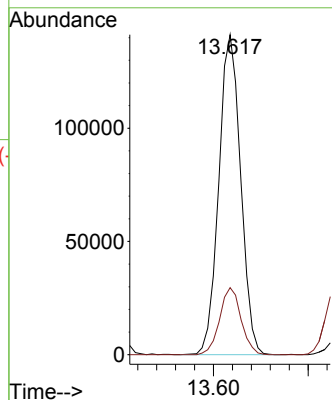
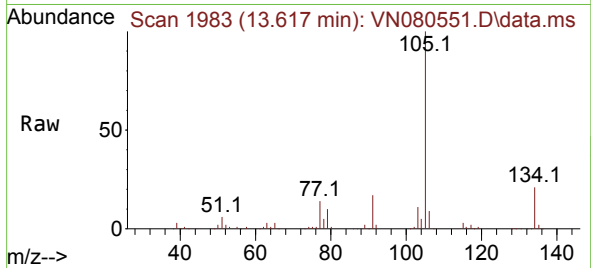




#85
 sec-Butylbenzene
 Concen: 17.217 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

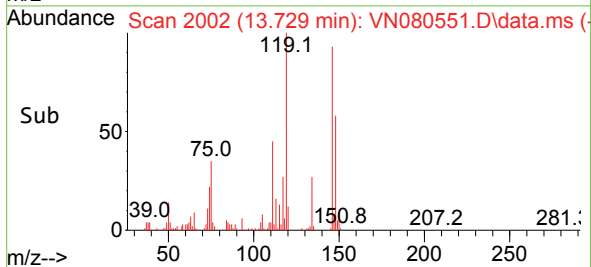
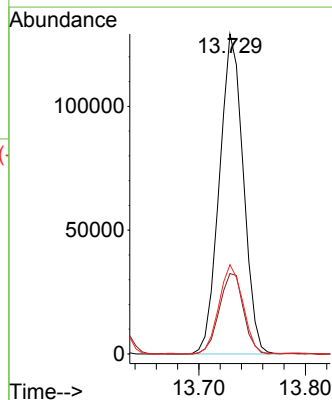
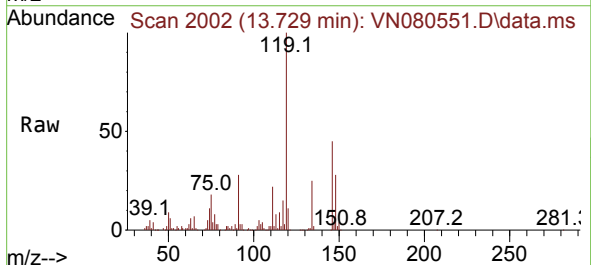
Instrument :
 MSVOA_N
 ClientSampleId :

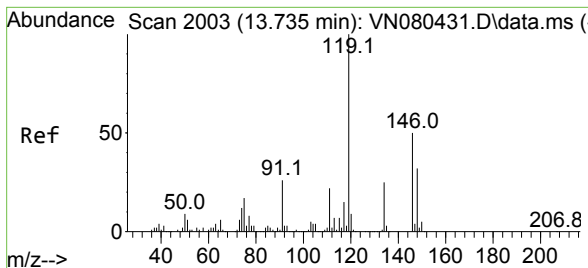
Tgt Ion:105 Resp: 226430
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 16.930 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion:119 Resp: 201044
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 27.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.538 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

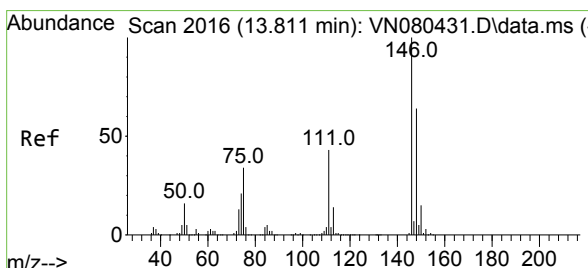
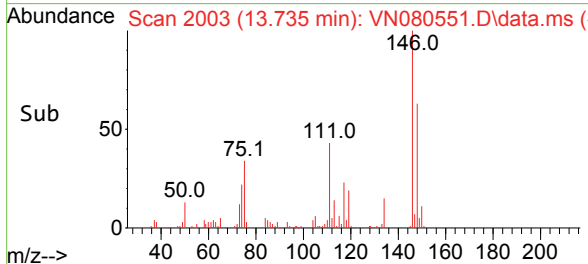
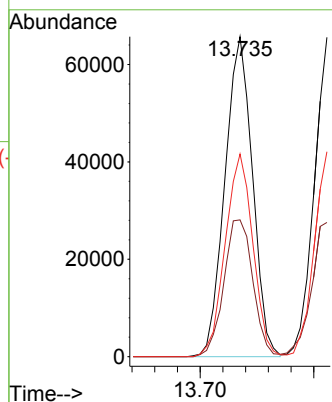
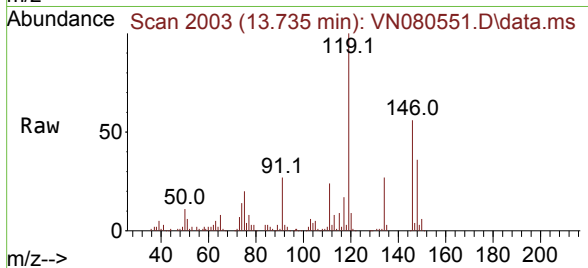
Tgt Ion:146 Resp: 110800

Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.3

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.305 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

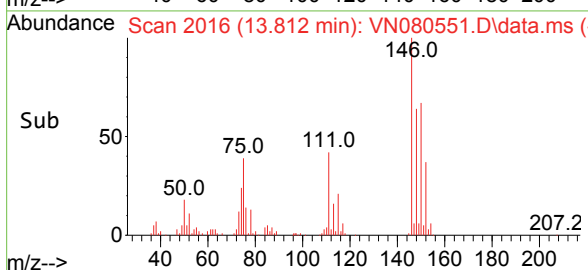
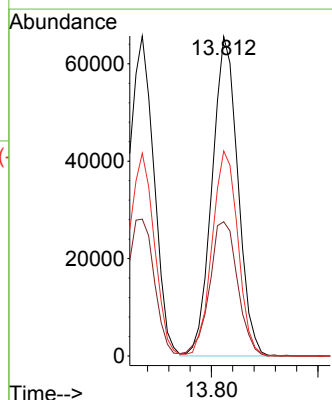
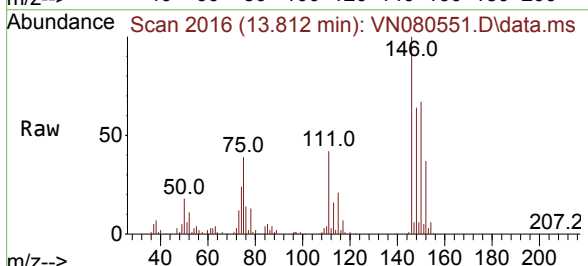
Tgt Ion:146 Resp: 110359

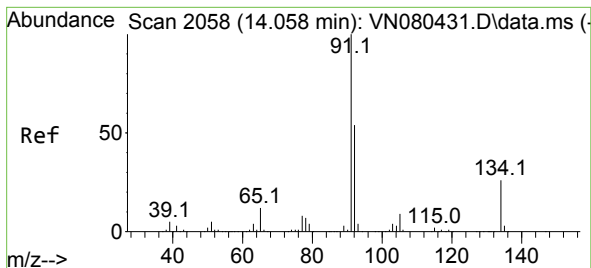
Ion Ratio Lower Upper

146 100

111 45.9 20.6 61.8

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 16.976 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080551.D

Acq: 20 Dec 2023 16:54

Instrument :

MSVOA_N

ClientSampleId :

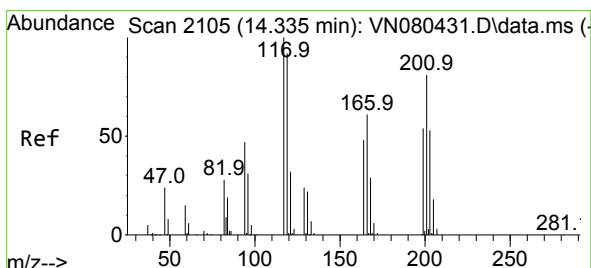
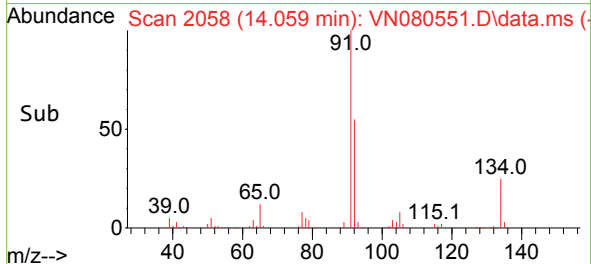
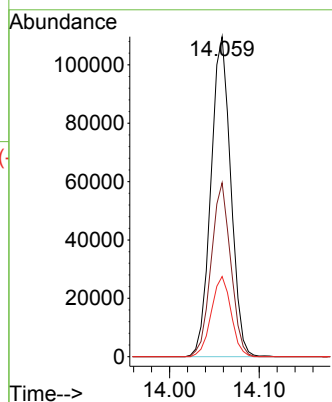
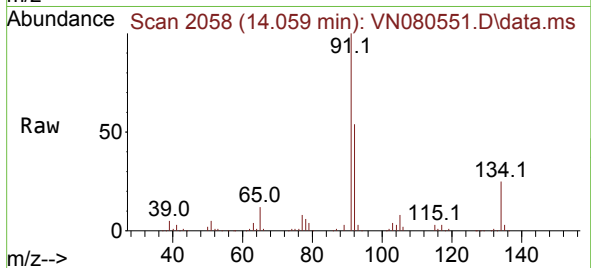
Tgt Ion: 91 Resp: 168349

Ion Ratio Lower Upper

91 100

92 53.5 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 18.214 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080551.D

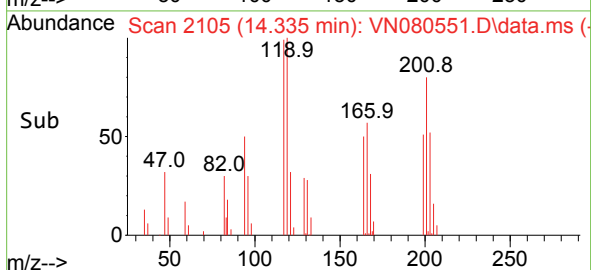
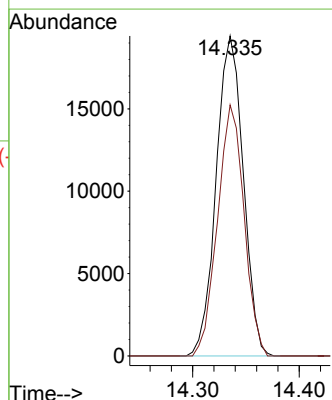
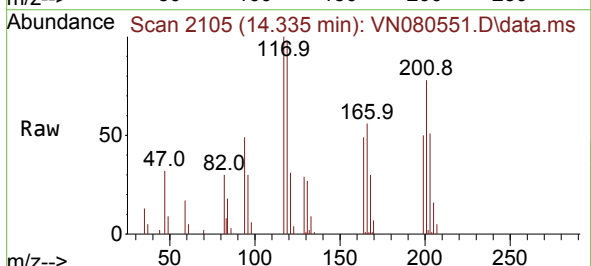
Acq: 20 Dec 2023 16:54

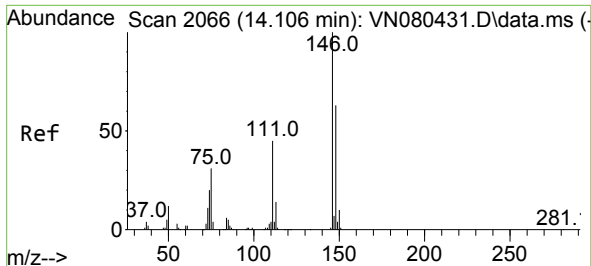
Tgt Ion: 117 Resp: 34351

Ion Ratio Lower Upper

117 100

201 76.7 29.3 88.0

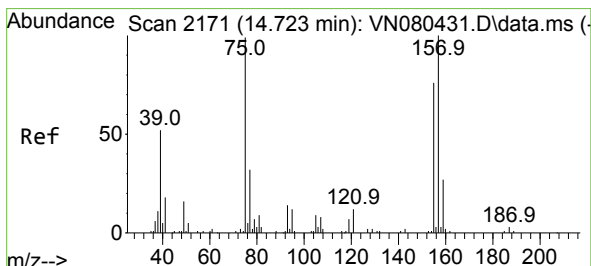
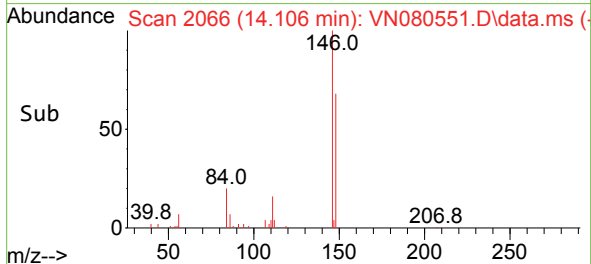
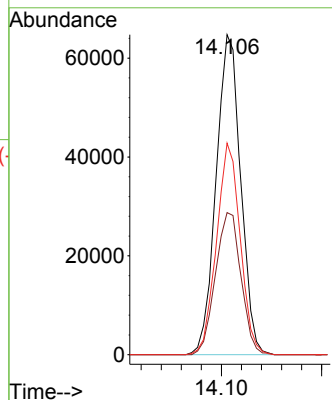
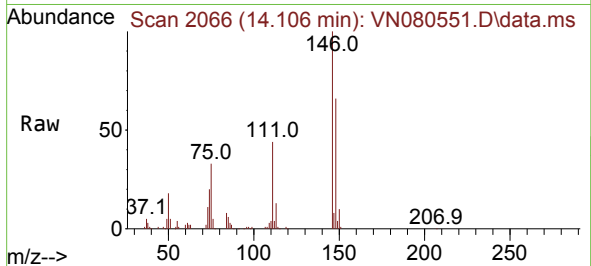




#91
 1,2-Dichlorobenzene
 Concen: 18.281 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

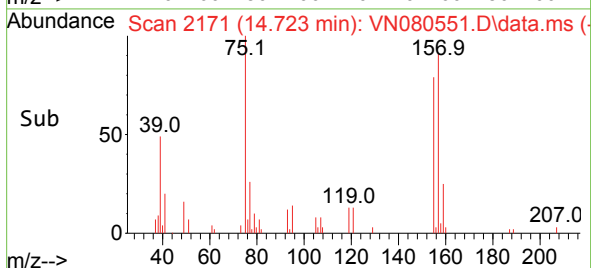
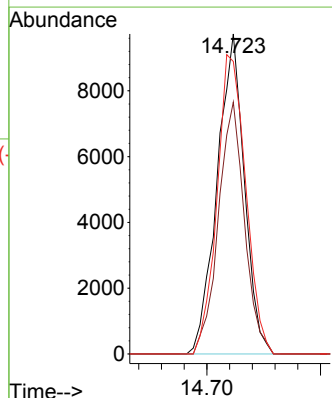
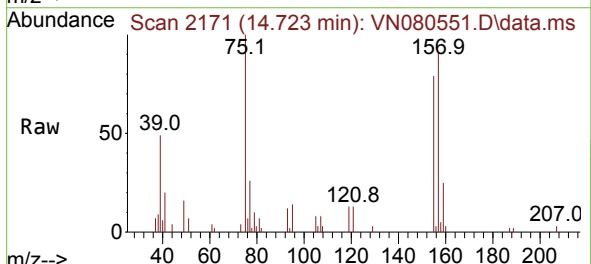
Instrument :
 MSVOA_N
 ClientSampleId :

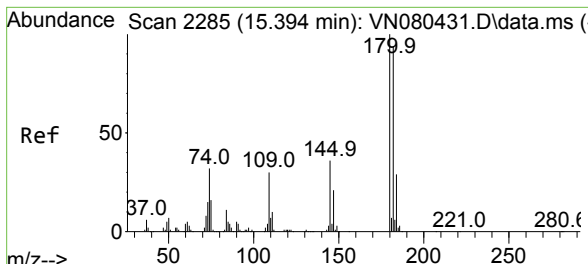
Tgt Ion:146 Resp: 109671
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.0 66.0
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.658 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion: 75 Resp: 16151
 Ion Ratio Lower Upper
 75 100
 155 75.7 39.1 117.2
 157 98.9 50.3 150.9

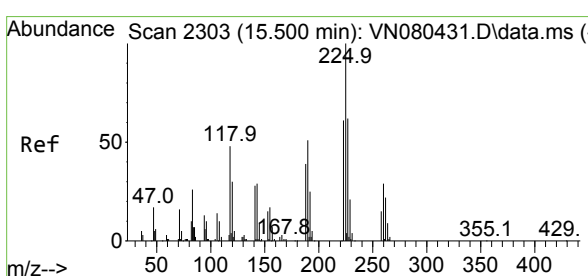
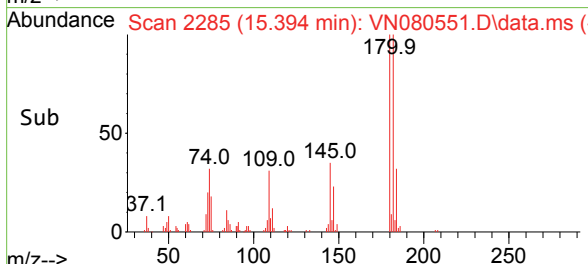
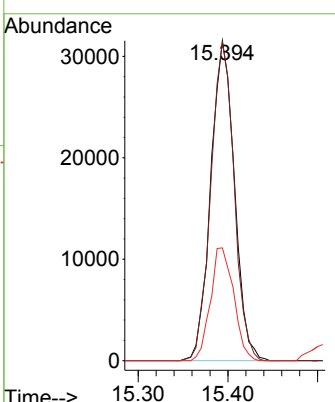
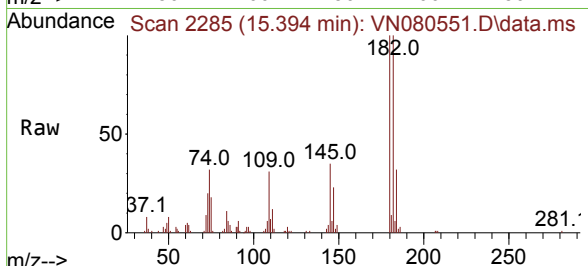




#93
 1,2,4-Trichlorobenzene
 Concen: 17.338 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

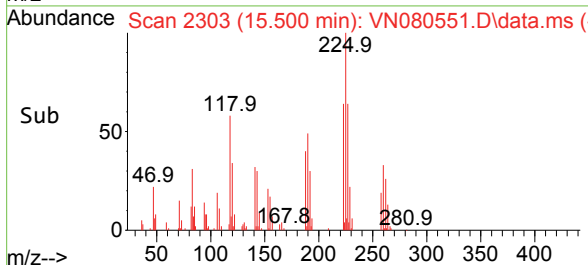
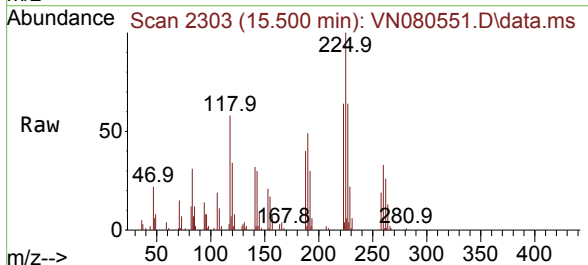
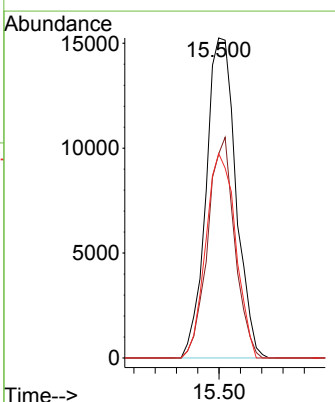
Instrument : MSVOA_N
 ClientSampleId :

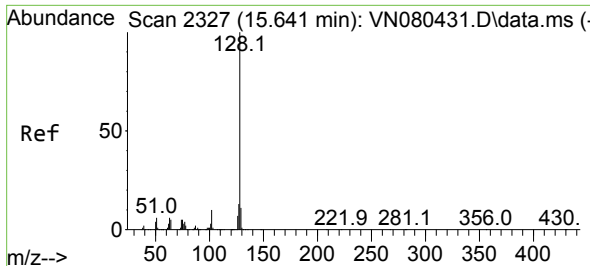
Tgt Ion:	180	Resp:	57751
Ion Ratio	Lower	Upper	
180	100		
182	97.9	46.1	138.2
145	34.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 15.627 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN080551.D
 Acq: 20 Dec 2023 16:54

Tgt Ion:	225	Resp:	29634
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.3	93.8
227	64.0	31.9	95.9

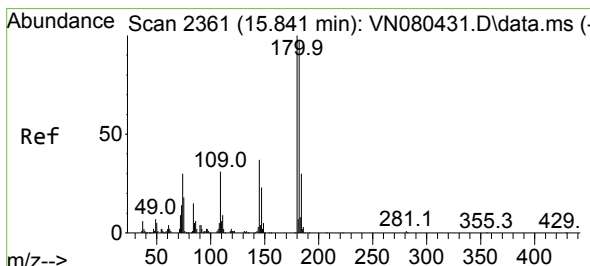
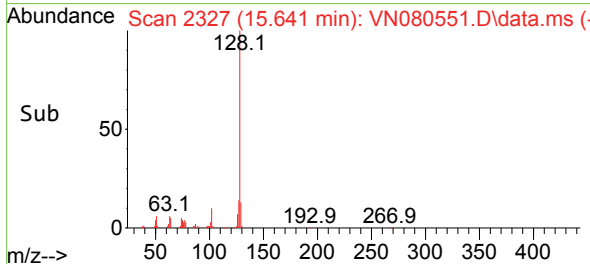
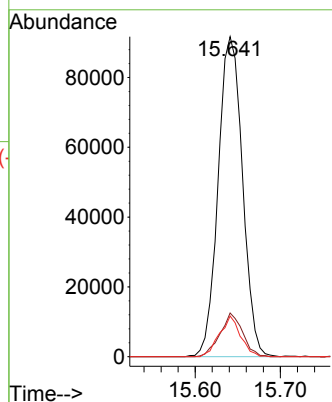
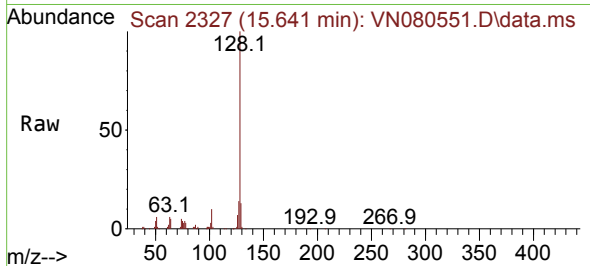




#95
Naphthalene
Concen: 17.970 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 181760
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.707 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080551.D
Acq: 20 Dec 2023 16:54

Tgt Ion:180 Resp: 56916
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 36.3 17.5 52.6

