

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080331.D
 Acq On : 04 Dec 2023 12:23
 Operator : JC\MD
 Sample : PB157524TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 04:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	320868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138260	54.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.200%	
35) Dibromofluoromethane	8.171	113	108622	52.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	10.571	98	389255	52.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.853	95	159160	56.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.700%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	435	0.253	ug/l #	42
5) Bromomethane	2.965	94	732	0.593	ug/l #	78
6) Chloroethane	3.101	64	266	Below Cal	#	43
10) Methyl Iodide	4.595	142	896	0.478	ug/l #	38
11) Tert butyl alcohol	5.530	59	2040	7.326	ug/l #	80
16) Acetone	4.430	43	16187	19.032	ug/l	90
17) Carbon Disulfide	4.706	76	1599	0.330	ug/l #	75
20) Methylene Chloride	5.289	84	10985	6.168	ug/l #	91
25) 2-Butanone	7.483	43	16303	16.134	ug/l #	83
29) Tetrahydrofuran	7.847	42	318	0.586	ug/l #	47
31) Cyclohexane	8.224	56	3708	1.346	ug/l #	49
36) 1,1-Dichloropropene	8.230	75	12990	4.364	ug/l #	49
37) Ethyl Acetate	7.577	43	3029	1.467	ug/l #	71
38) Carbon Tetrachloride	8.230	117	18102	4.792	ug/l #	14
43) Isopropyl Acetate	8.688	43	87244	21.712	ug/l #	90
45) 1,2-Dichloropropane	9.747	63	1291	0.657	ug/l #	45
48) Methyl methacrylate	9.665	41	4147	2.003	ug/l #	34
51) 4-Methyl-2-Pentanone	10.447	43	7485	3.598	ug/l #	72
52) Toluene	10.629	92	1944	0.367	ug/l	99
54) cis-1,3-Dichloropropene	10.359	75	39906	11.612	ug/l #	71
56) Ethyl methacrylate	10.982	69	1378	0.667	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4784	1.356	ug/l #	42
59) 2-Hexanone	11.206	43	63314	37.875	ug/l #	53
71) Bromoform	12.847	173	1009	0.482	ug/l #	1
74) N-amyl acetate	12.465	43	3937	1.218	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	88113	26.968	ug/l #	1
79) 2-Chlorotoluene	13.223	91	1533	0.204	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	88113	91.113	ug/l #	15
87) 1,3-Dichlorobenzene	13.741	146	1130	0.240	ug/l	92
88) 1,4-Dichlorobenzene	13.741	146	1130	0.239	ug/l	90
89) n-Butylbenzene	14.059	91	2588	0.378	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	1069	0.237	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.400	180	2013	0.768	ug/l	92
94) Hexachlorobutadiene	15.506	225	1223	0.811	ug/l	86
95) Naphthalene	15.647	128	8718	1.148	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2635	1.073	ug/l	88

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

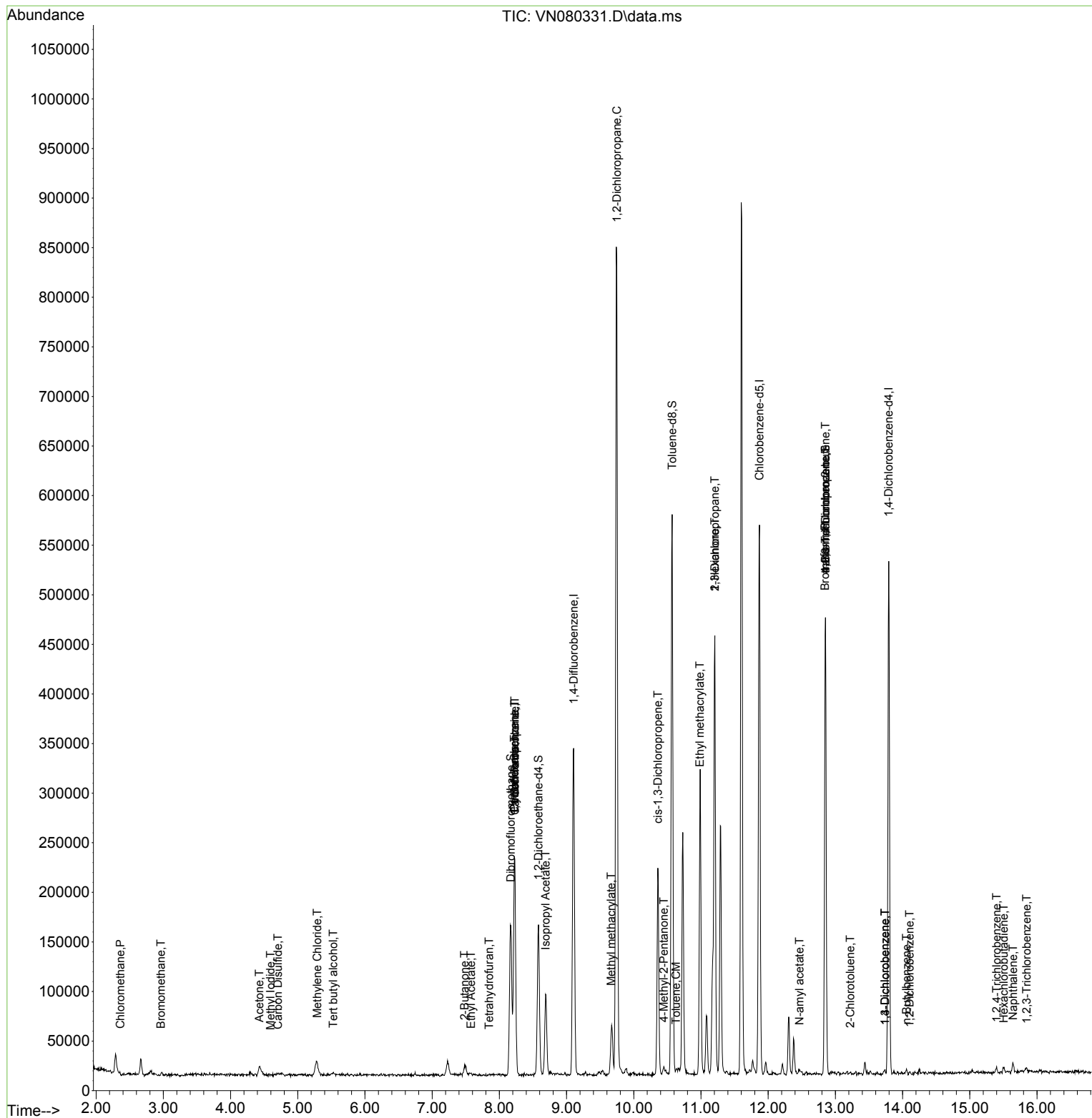
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

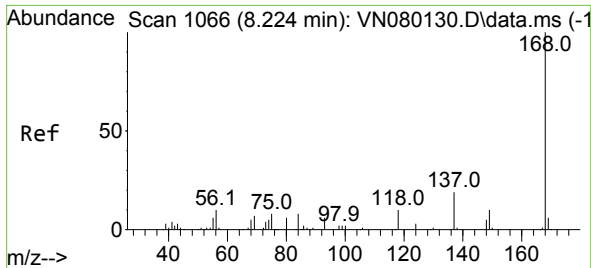
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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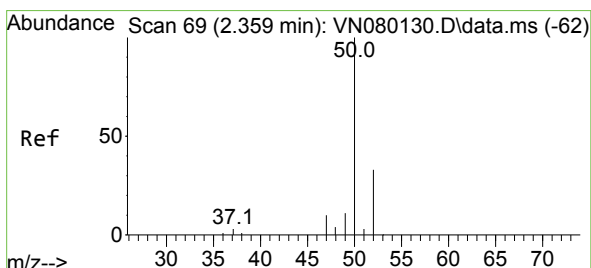
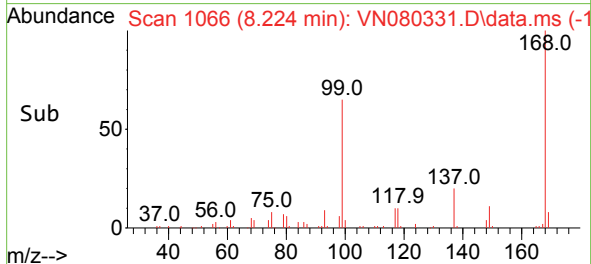
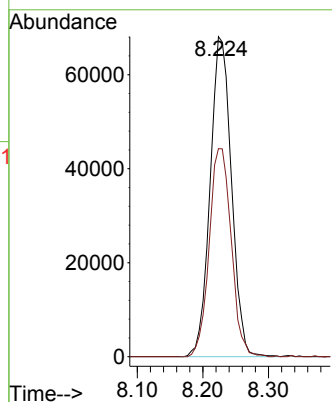
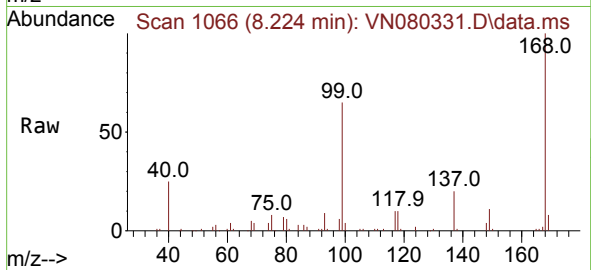




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

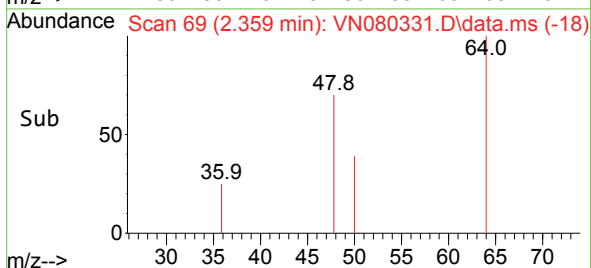
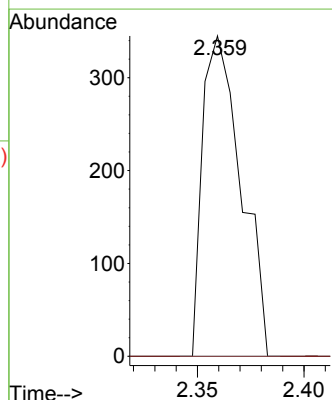
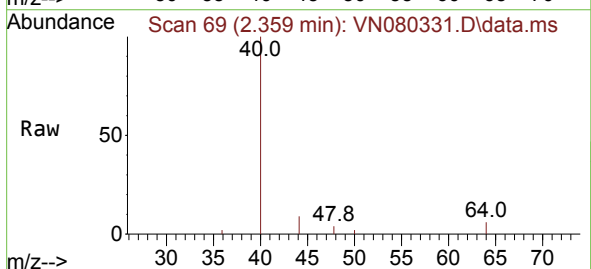
Instrument :
MSVOA_N
ClientSampleId :

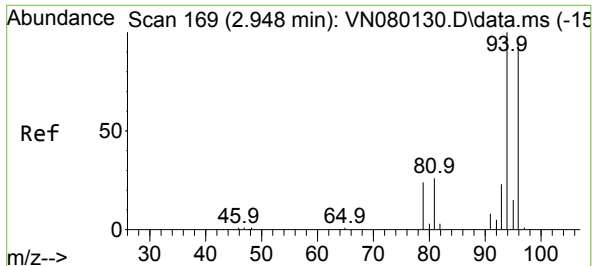
Tgt Ion:168 Resp: 153359
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#3
Chloromethane
Concen: 0.253 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.593 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.018 min

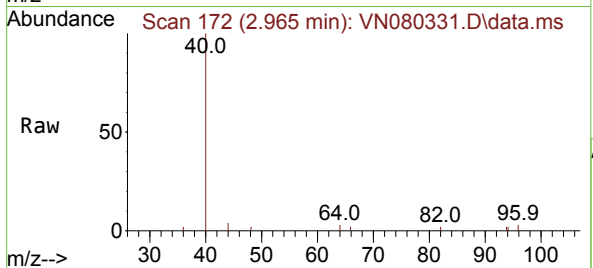
Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

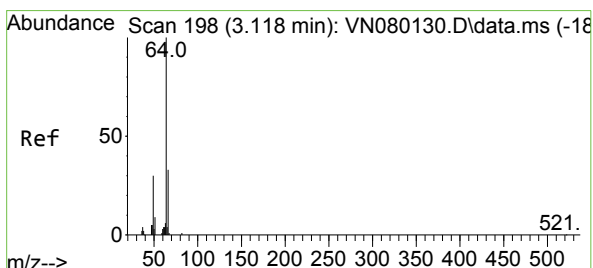
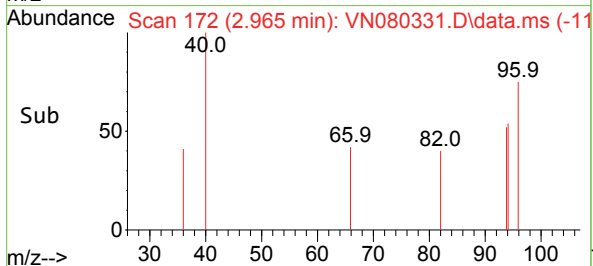
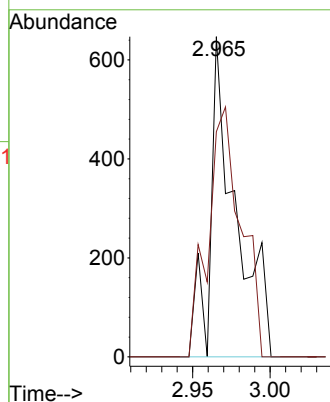


Tgt Ion: 94 Resp: 732

Ion Ratio Lower Upper

94 100

96 70.3 73.1 109.7#



#6

Chloroethane

Concen: Below Cal

RT: 3.101 min Scan# 195

Delta R.T. -0.017 min

Lab File: VN080331.D

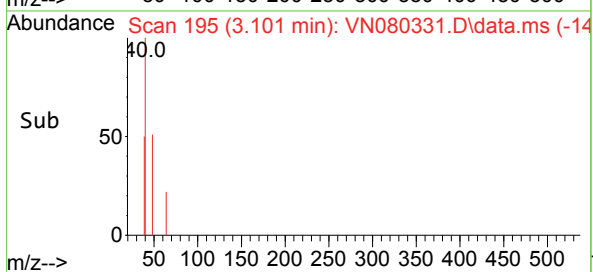
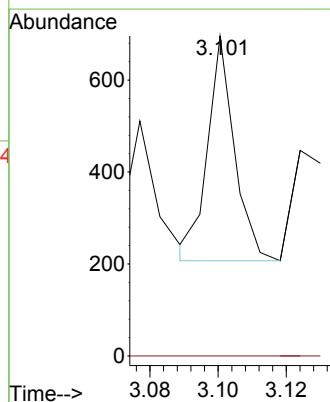
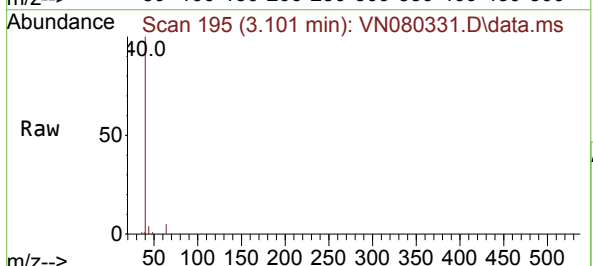
Acq: 04 Dec 2023 12:23

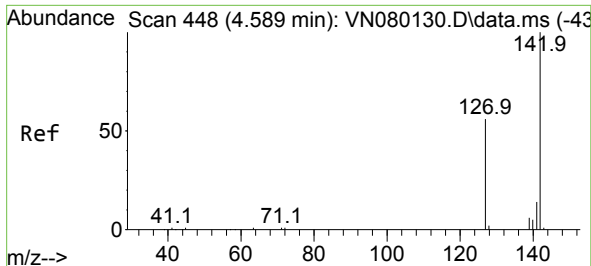
Tgt Ion: 64 Resp: 266

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#

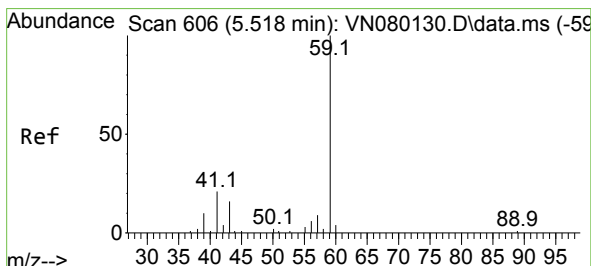
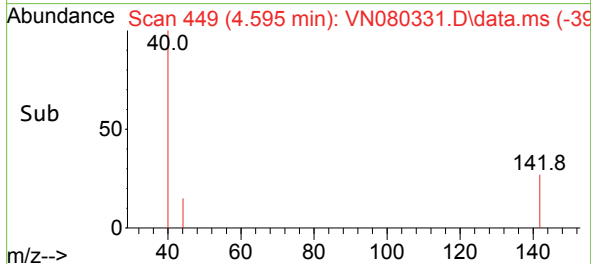
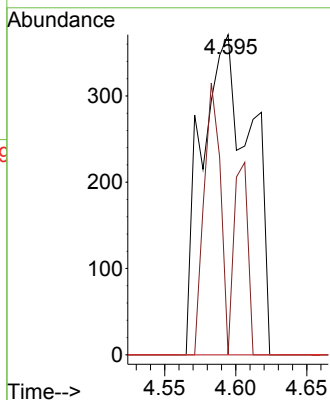
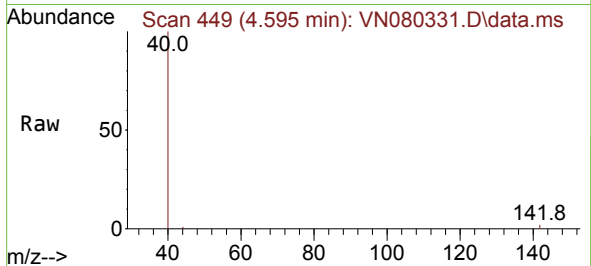




#10
Methyl Iodide
Concen: 0.478 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

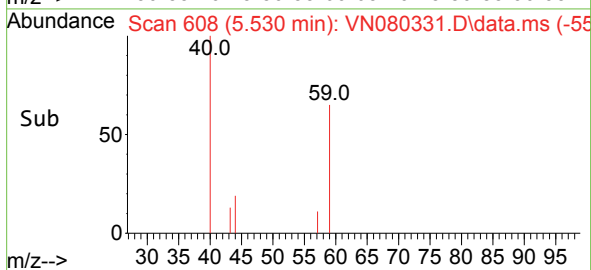
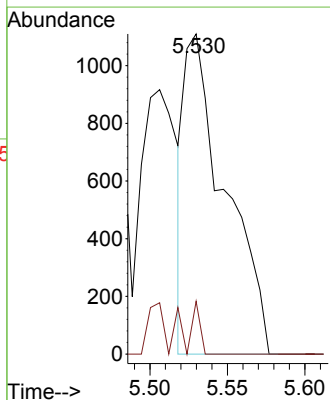
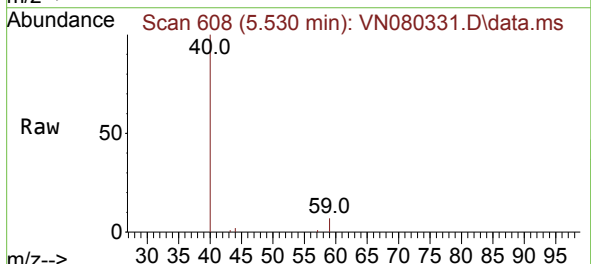
Instrument :
MSVOA_N
ClientSampleId :

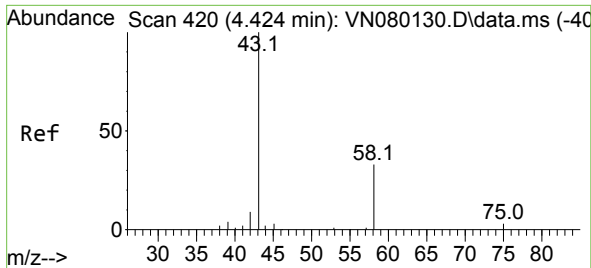
Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.326 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 59 Resp: 2040
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.4#

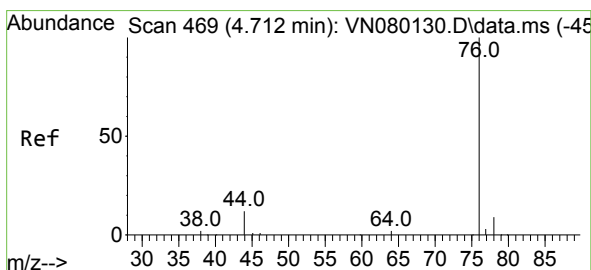
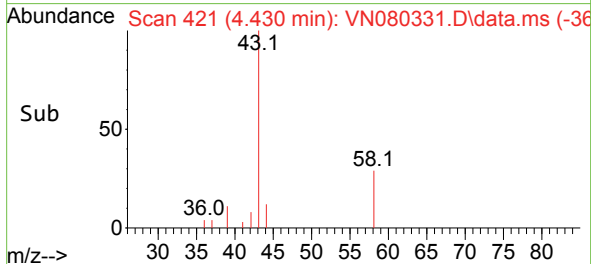
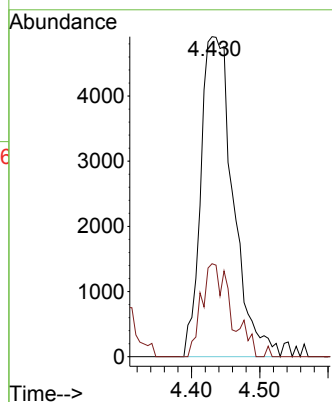
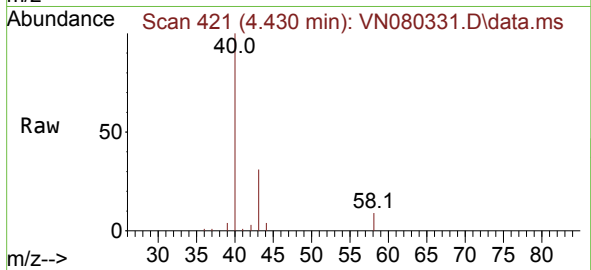




#16
Acetone
Concen: 19.032 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

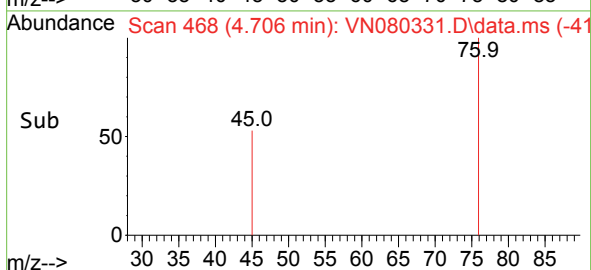
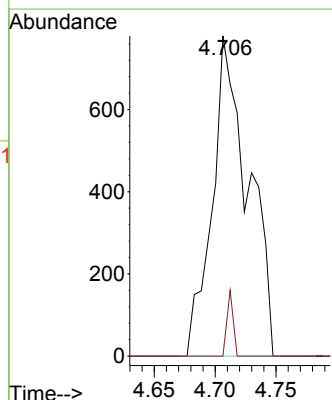
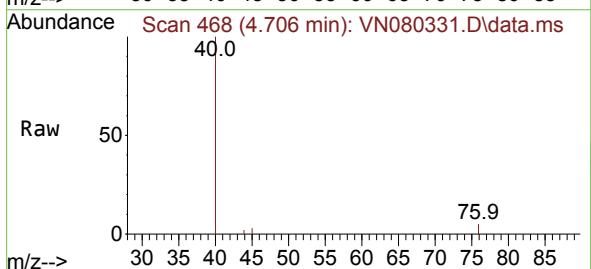
Instrument :
MSVOA_N
ClientSampleId :

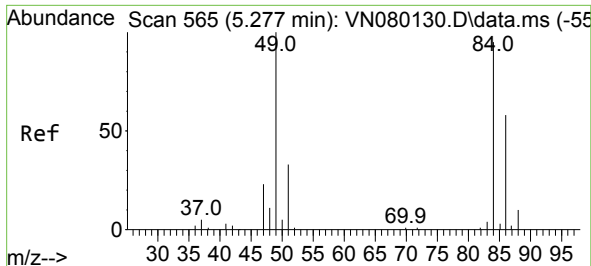
Tgt Ion: 43 Resp: 16187
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0



#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

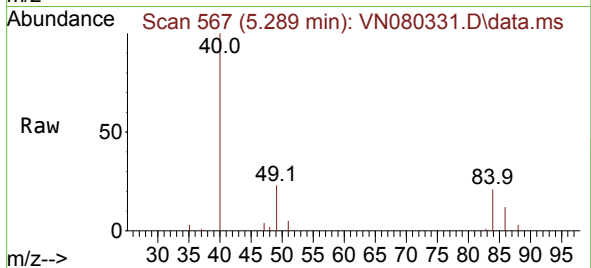
Tgt Ion: 76 Resp: 1599
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



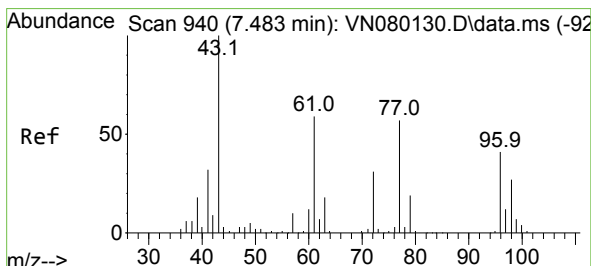
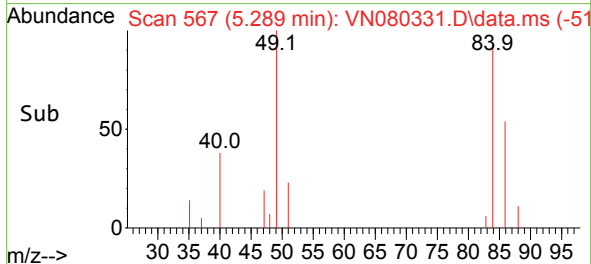
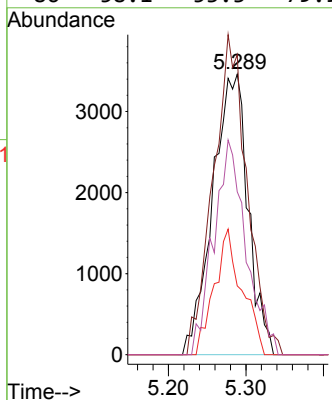


#20
Methylene Chloride
Concen: 6.168 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

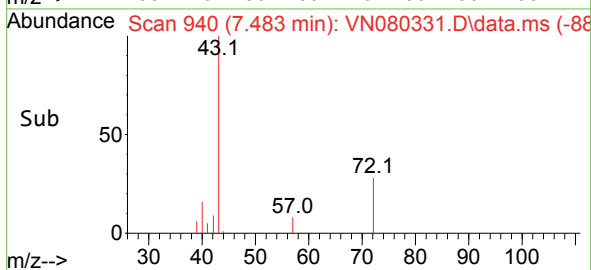
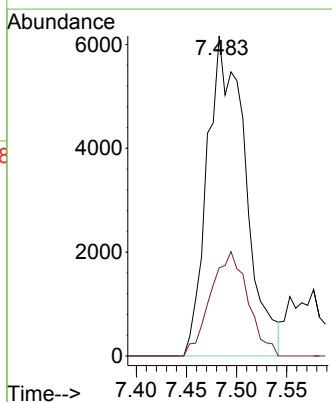
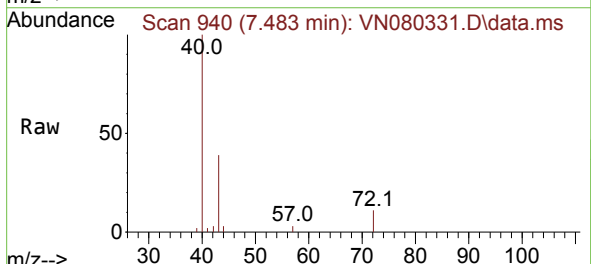


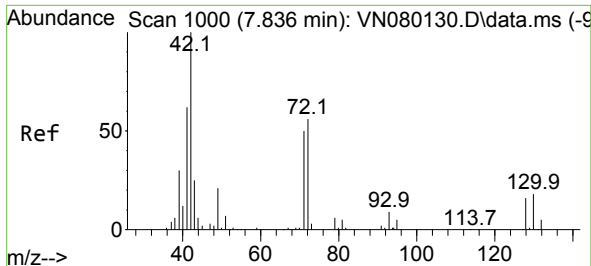
Tgt Ion:	84	Resp:	10985
Ion	Ratio	Lower	Upper
84	100		
49	107.0	79.7	119.5
51	24.6	25.2	37.8#
86	58.1	53.3	79.9



#25
2-Butanone
Concen: 16.134 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion:	43	Resp:	16303
Ion	Ratio	Lower	Upper
43	100		
72	27.5	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.586 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.012 min

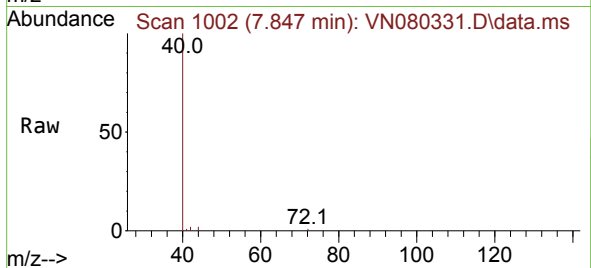
Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

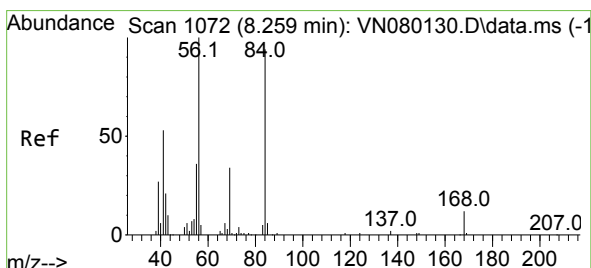
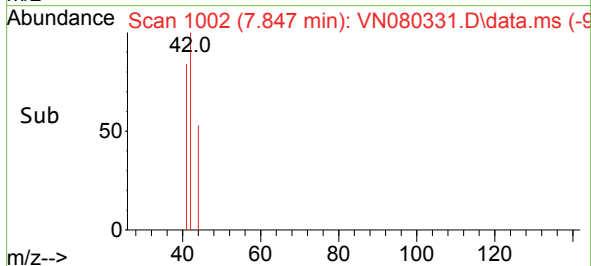
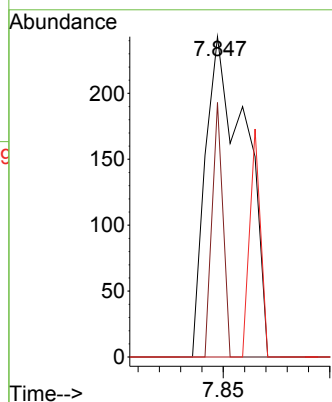
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	318
Ion	Ratio	Lower	Upper
42	100		
72	21.4	49.8	74.6#
71	19.2	47.4	71.2#



#31

Cyclohexane

Concen: 1.346 ug/l

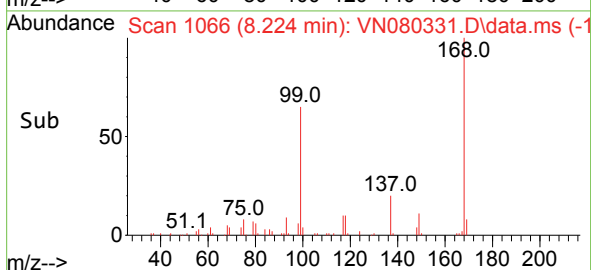
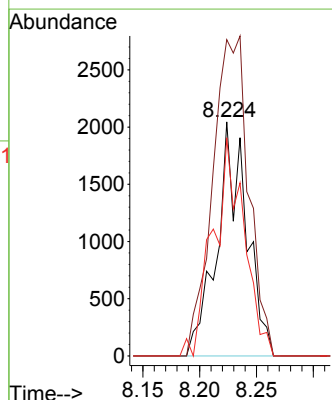
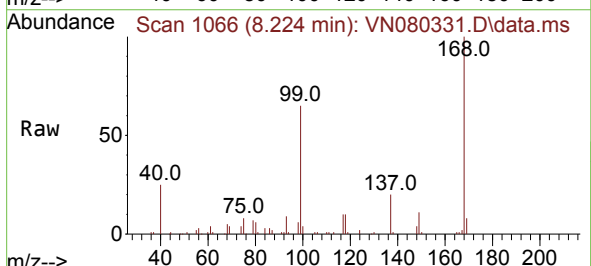
RT: 8.224 min Scan# 1066

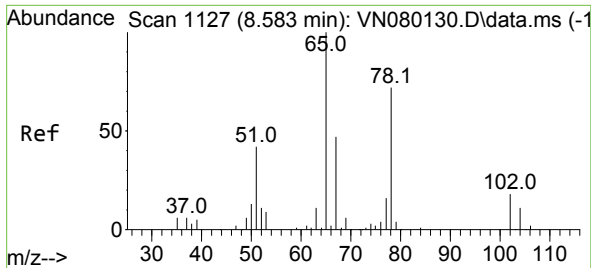
Delta R.T. -0.035 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Tgt Ion:	56	Resp:	3708
Ion	Ratio	Lower	Upper
56	100		
69	135.1	26.8	40.2#
84	93.2	81.8	122.6

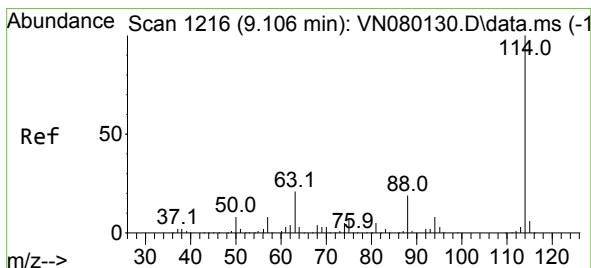
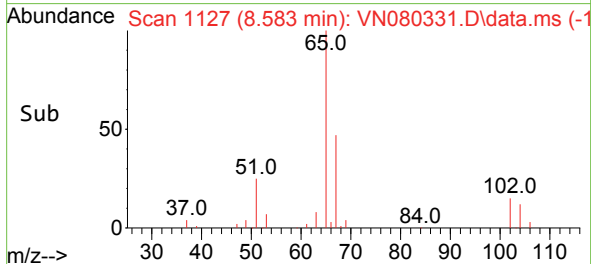
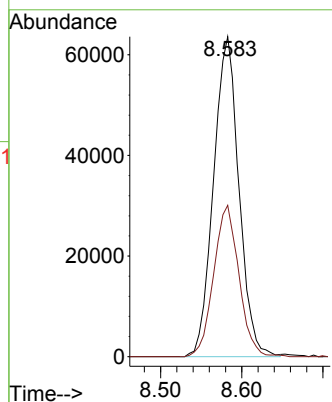
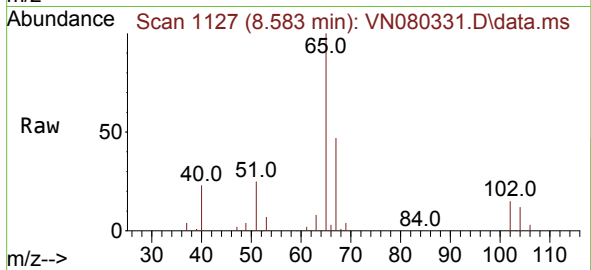




#33
1,2-Dichloroethane-d4
Concen: 54.601 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

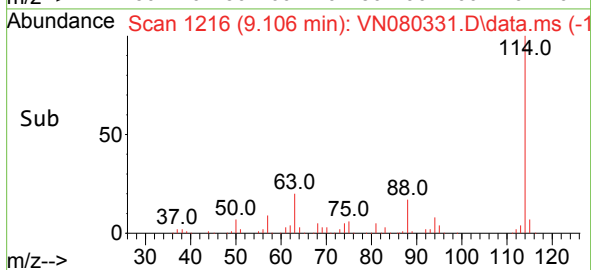
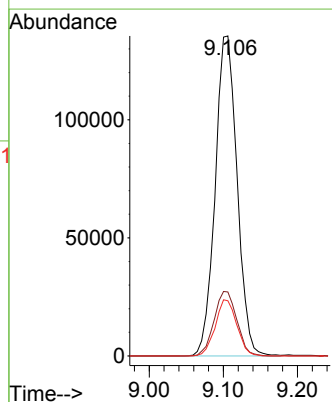
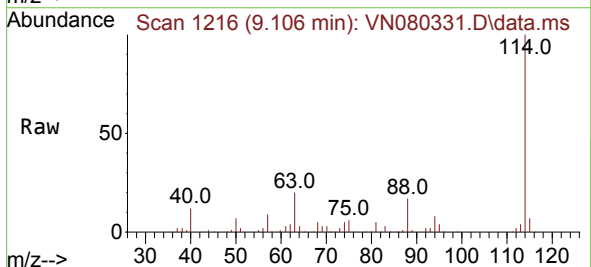
Instrument :
MSVOA_N
ClientSampleId :

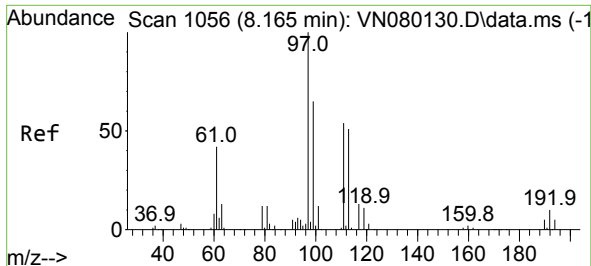
Tgt Ion: 65 Resp: 138260
Ion Ratio Lower Upper
65 100
67 47.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

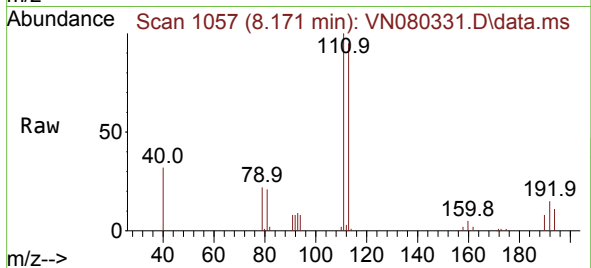
Tgt Ion: 114 Resp: 278658
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 17.3 0.0 30.6



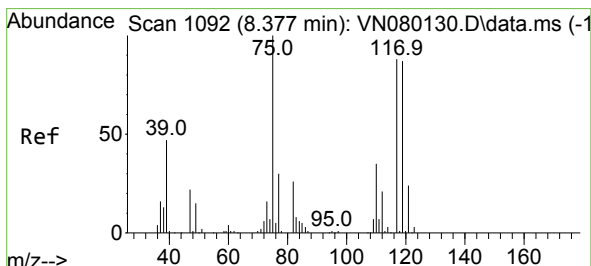
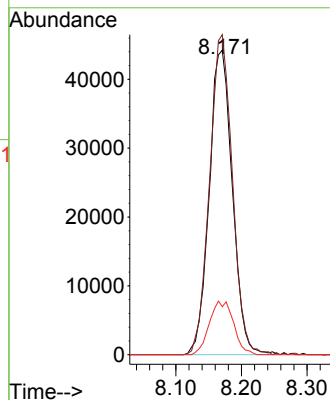
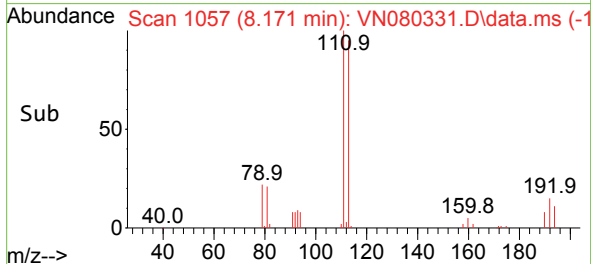


#35
Dibromofluoromethane
Concen: 52.828 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

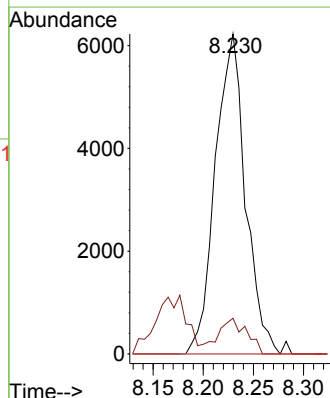
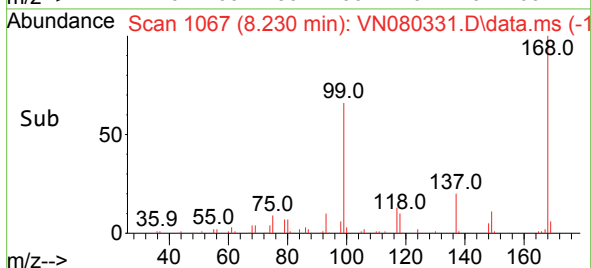
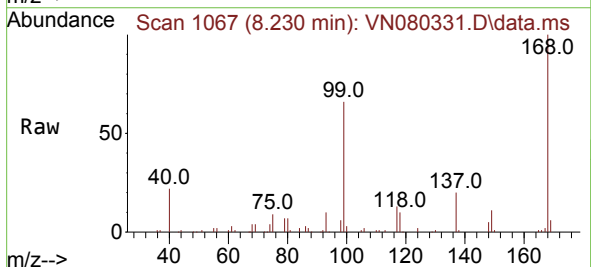


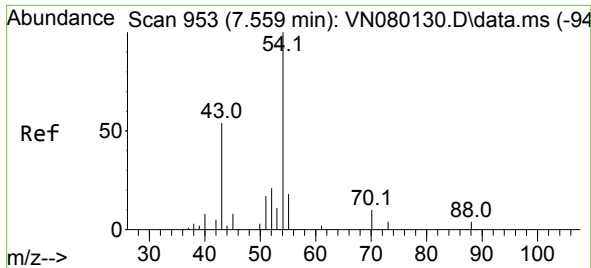
Tgt Ion:113 Resp: 108622
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

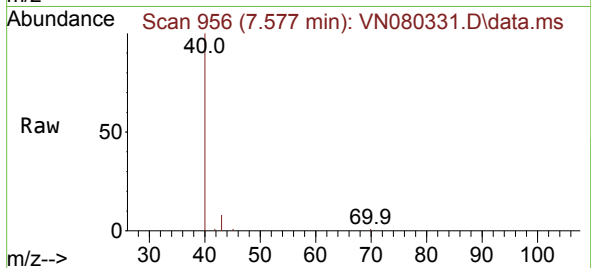
Tgt Ion: 75 Resp: 12990
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.3#
77 0.0 25.0 37.4#



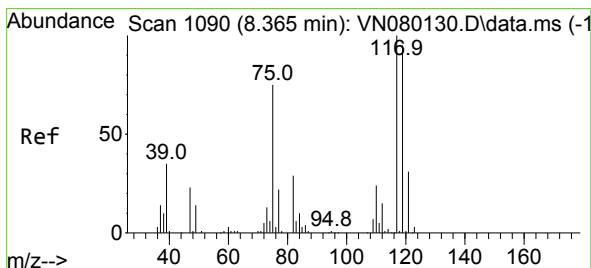
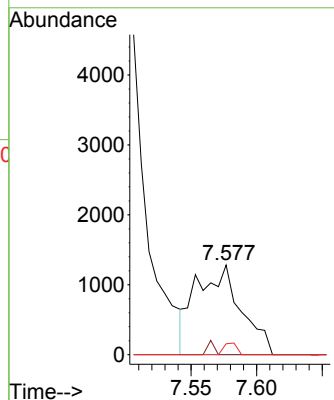
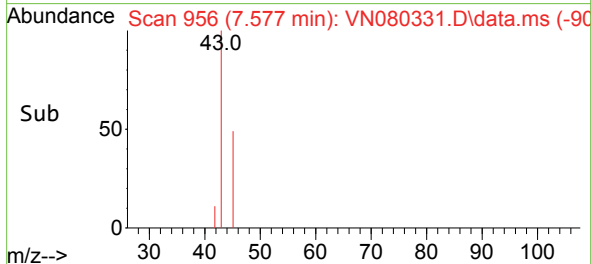


#37
Ethyl Acetate
Concen: 1.467 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

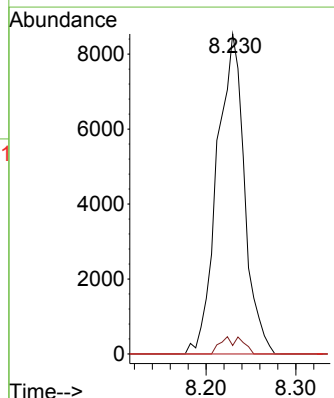
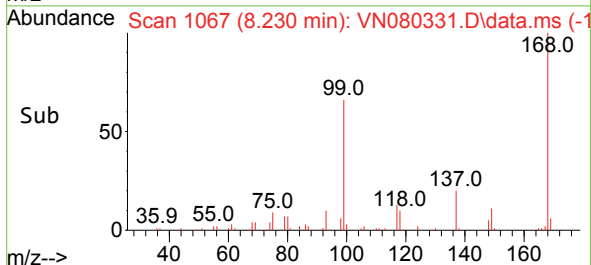
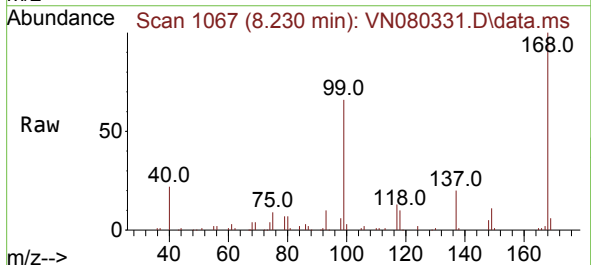


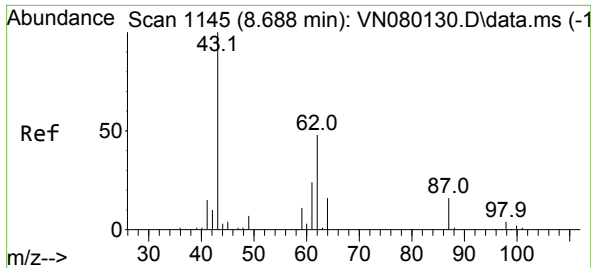
Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
61 2.4 13.2 19.8#
70 3.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.792 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 117 Resp: 18102
Ion Ratio Lower Upper
117 100
119 2.6 77.3 115.9#
121 0.0 23.3 34.9#

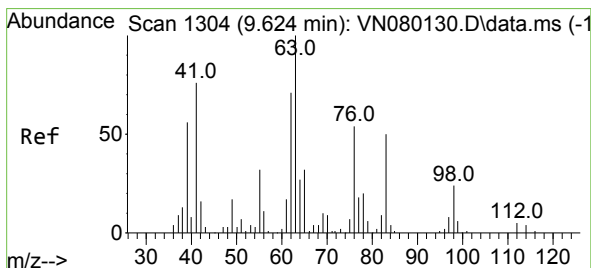
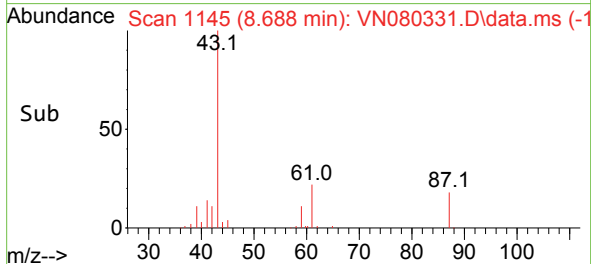
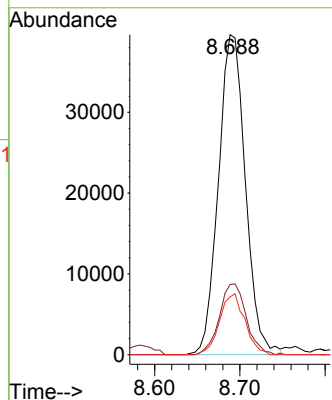
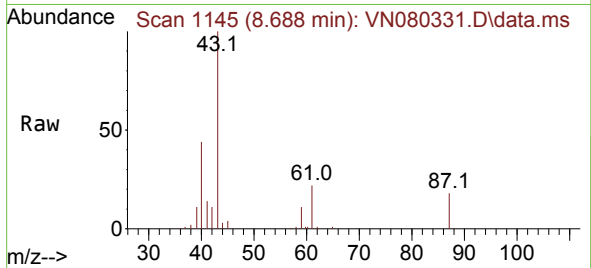




#43
Isopropyl Acetate
Concen: 21.712 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

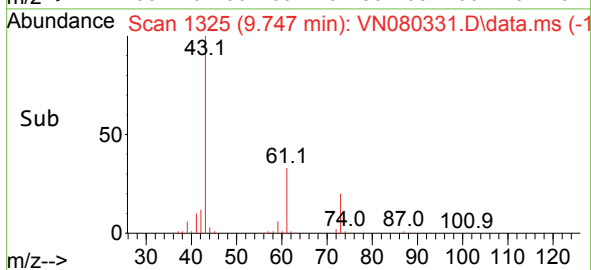
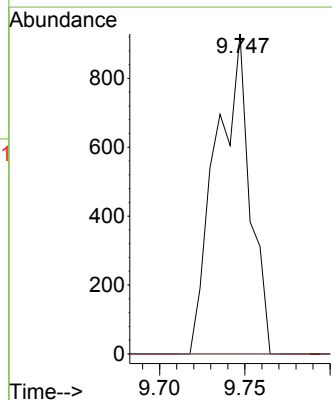
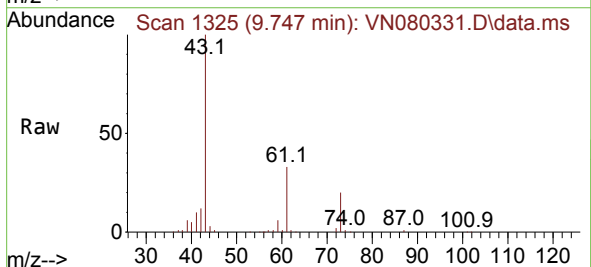
Instrument :
MSVOA_N
ClientSampleId :

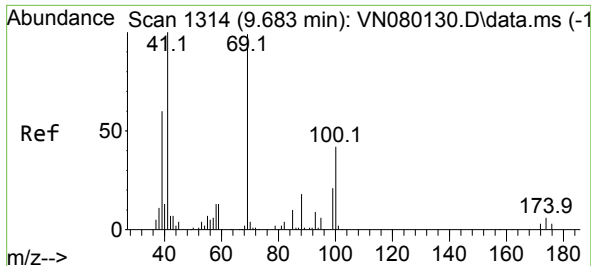
Tgt Ion: 43 Resp: 87244
Ion Ratio Lower Upper
43 100
61 22.1 24.7 37.1#
87 17.9 14.6 21.8



#45
1,2-Dichloropropane
Concen: 0.657 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

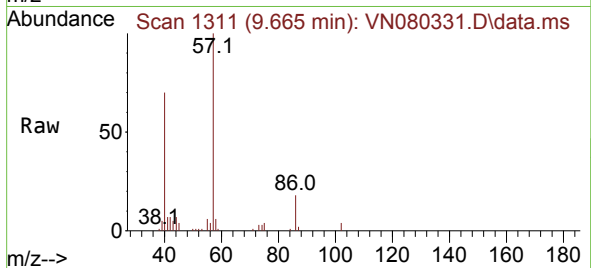
Tgt Ion: 63 Resp: 1291
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



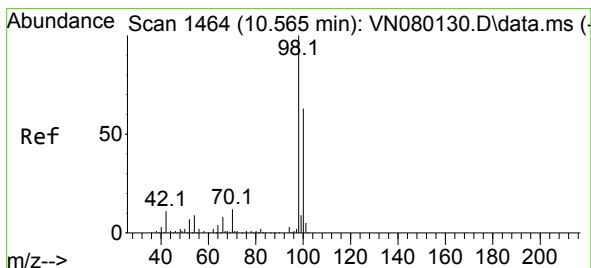
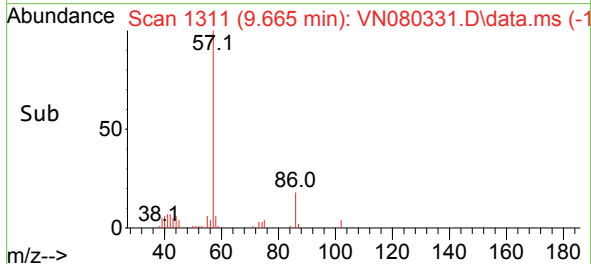
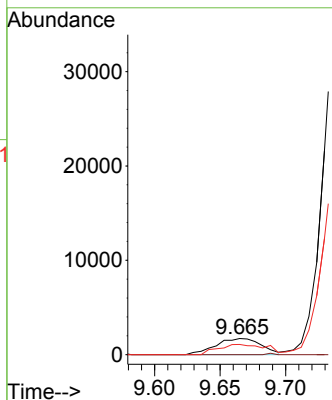


#48
Methyl methacrylate
Concen: 2.003 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :

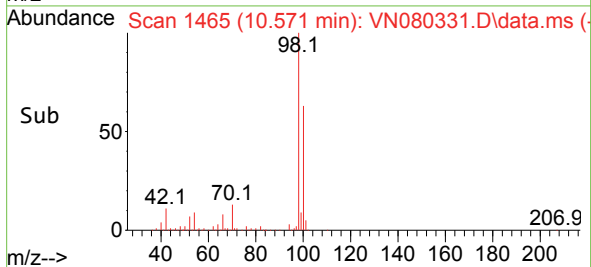
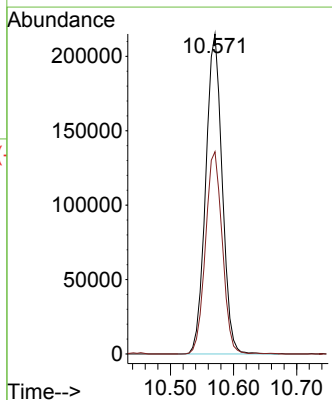
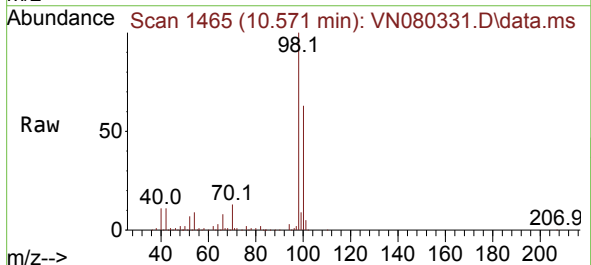


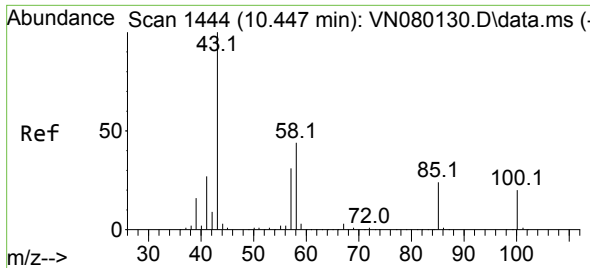
Tgt Ion: 41 Resp: 4147
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 69.5 54.6 81.8



#50
Toluene-d8
Concen: 52.517 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 98 Resp: 389255
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

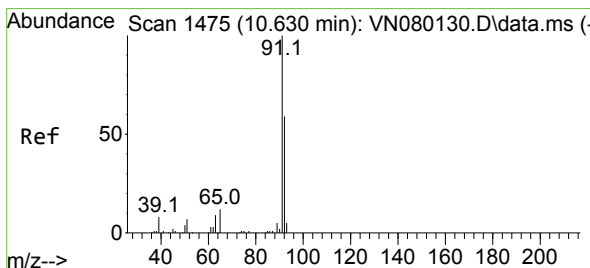
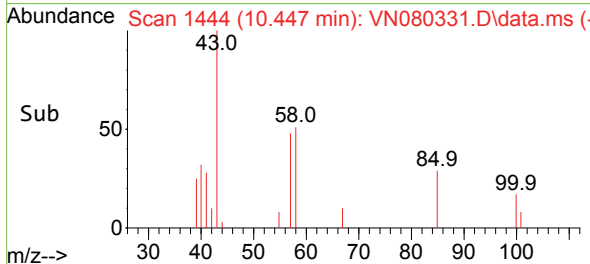
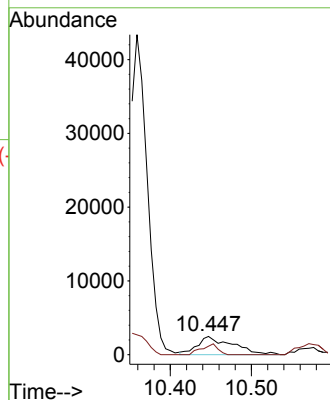
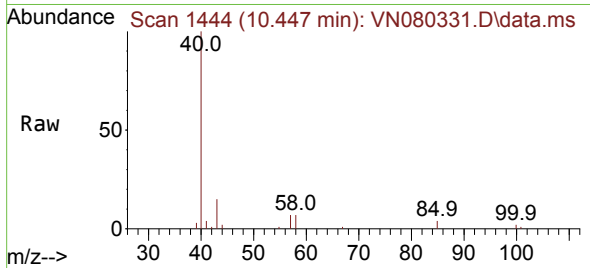




#51
4-Methyl-2-Pentanone
Concen: 3.598 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

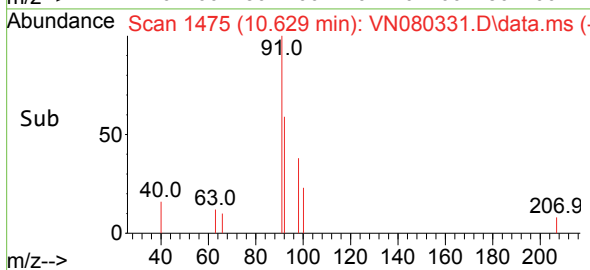
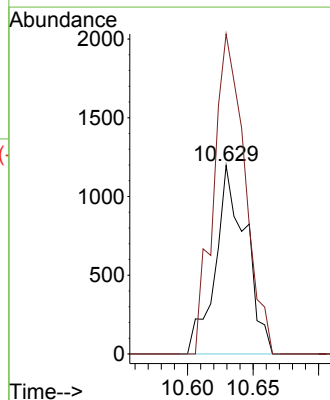
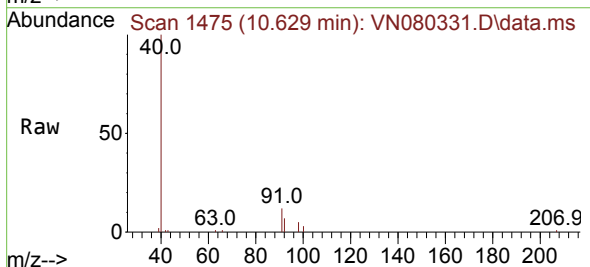
Instrument :
MSVOA_N
ClientSampleId :

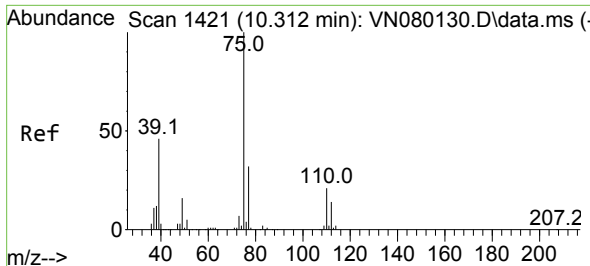
Tgt Ion: 43 Resp: 7485
Ion Ratio Lower Upper
43 100
58 27.0 36.6 54.8#



#52
Toluene
Concen: 0.367 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

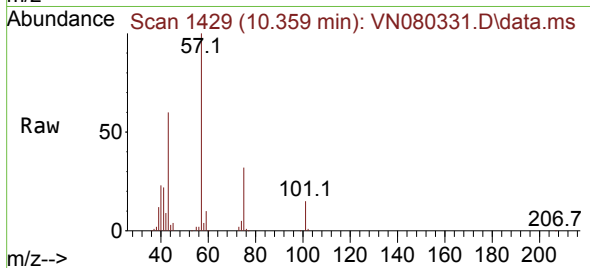
Tgt Ion: 92 Resp: 1944
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0



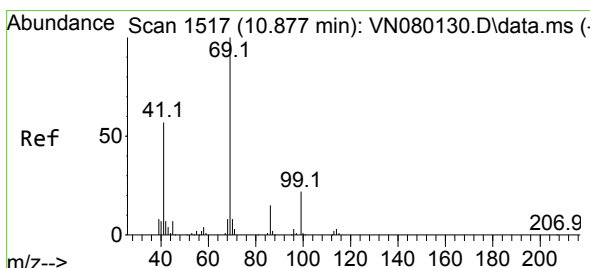
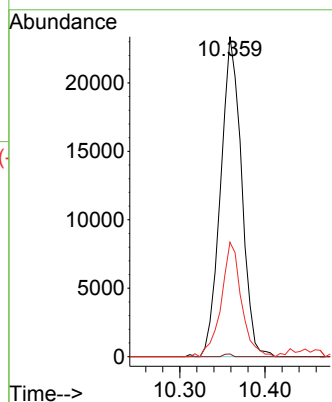
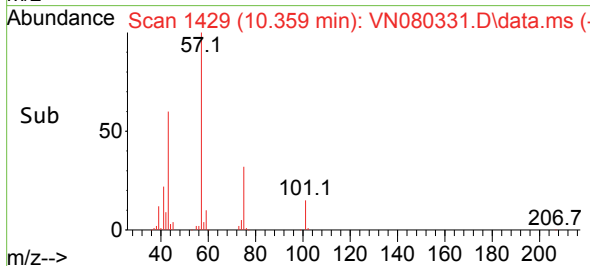


#54
 cis-1,3-Dichloropropene
 Concen: 11.612 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080331.D
 Acq: 04 Dec 2023 12:23

Instrument :
 MSVOA_N
 ClientSampleId :

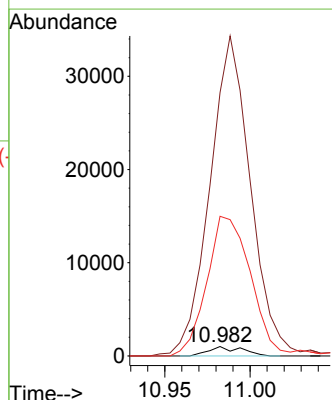
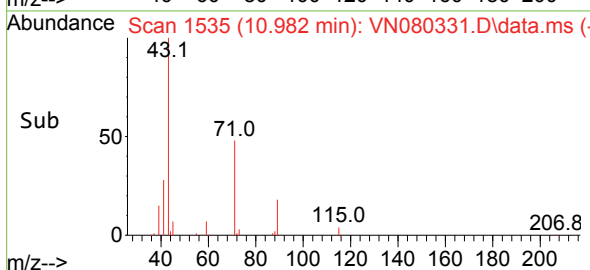
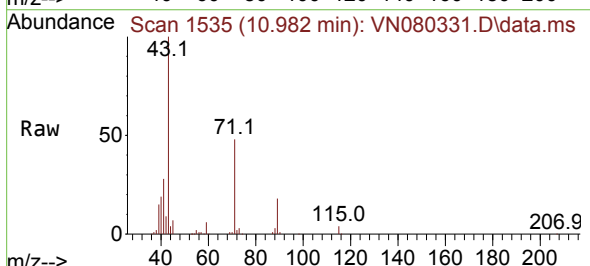


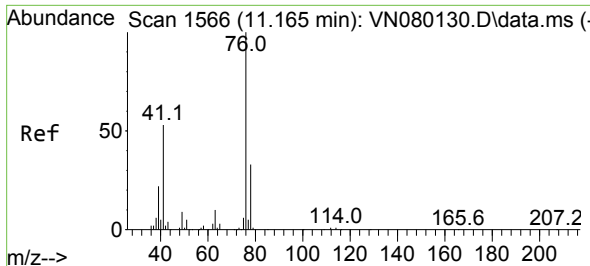
Tgt Ion: 75 Resp: 39906
 Ion Ratio Lower Upper
 75 100
 77 0.9 26.1 39.1#
 39 35.7 31.6 47.4



#56
 Ethyl methacrylate
 Concen: 0.667 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.106 min
 Lab File: VN080331.D
 Acq: 04 Dec 2023 12:23

Tgt Ion: 69 Resp: 1378
 Ion Ratio Lower Upper
 69 100
 41 4157.5 39.6 59.4#
 39 1979.0 28.6 43.0#

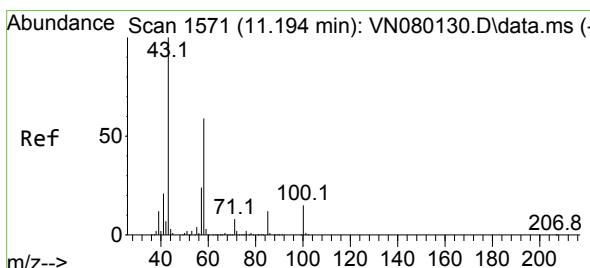
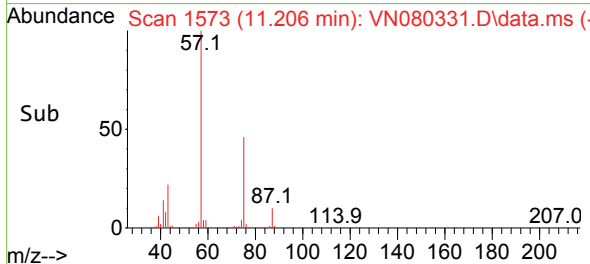
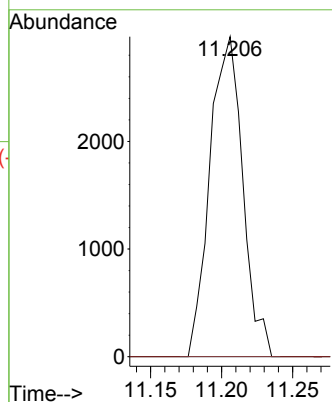
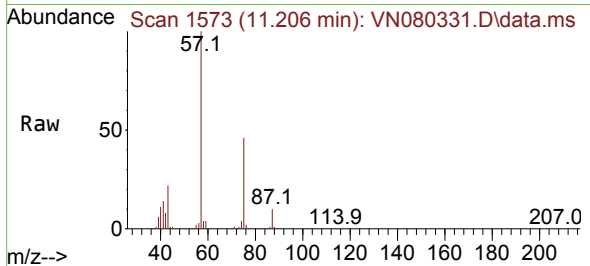




#57
1,3-Dichloropropane
Concen: 1.356 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

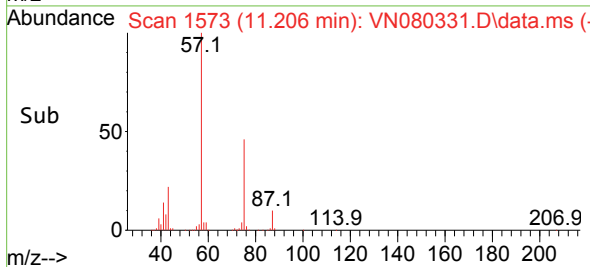
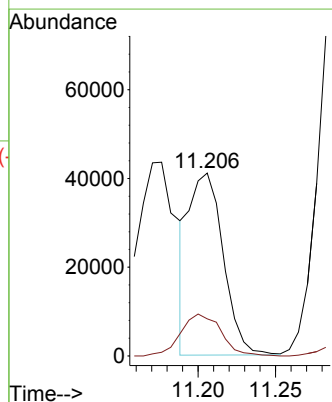
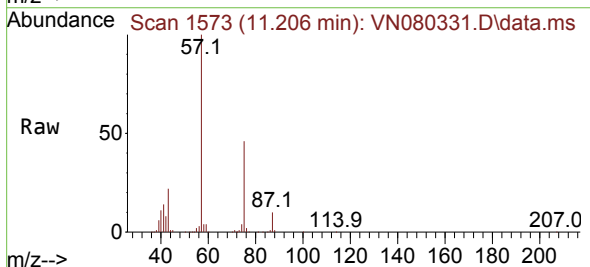
Instrument :
MSVOA_N
ClientSampleId :

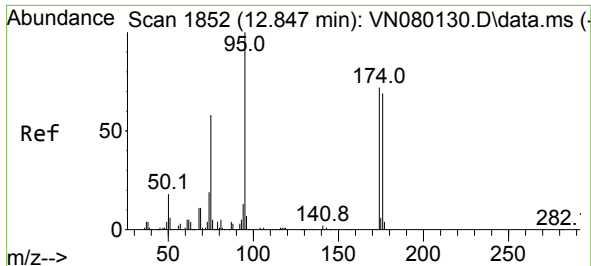
Tgt Ion: 76 Resp: 4784
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 37.875 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 43 Resp: 63314
Ion Ratio Lower Upper
43 100
58 27.1 31.7 95.1#

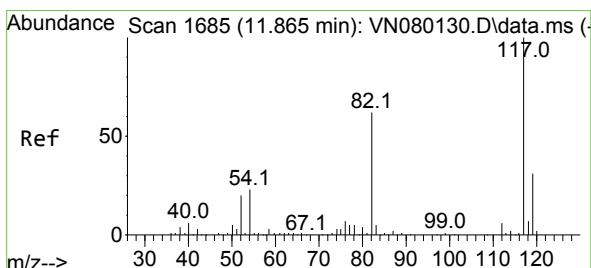
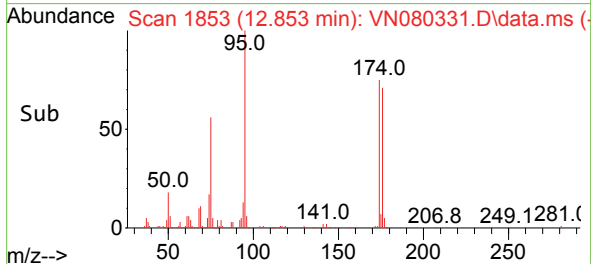
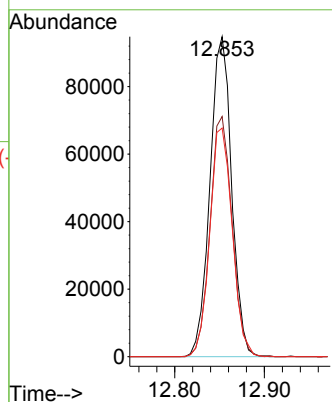
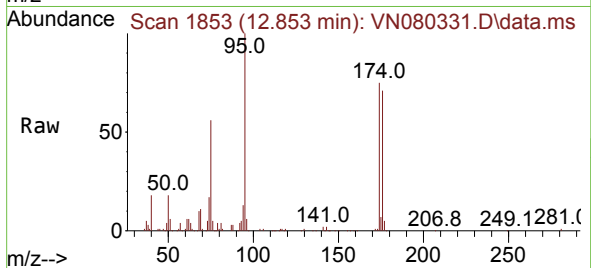




#62
4-Bromofluorobenzene
Concen: 56.851 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

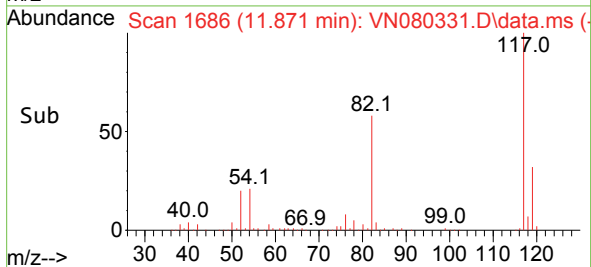
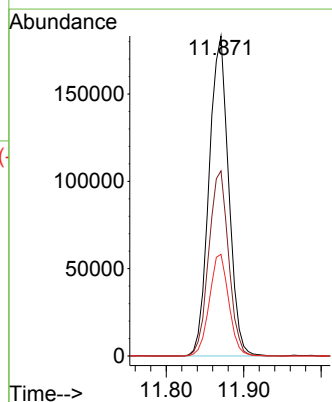
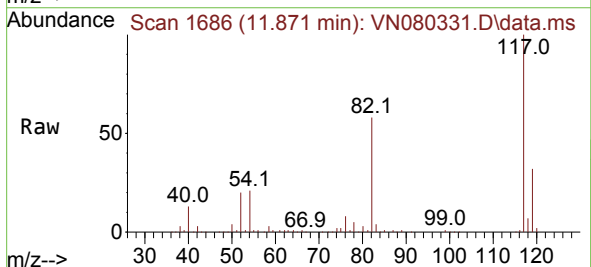
Instrument :
MSVOA_N
ClientSampleId :

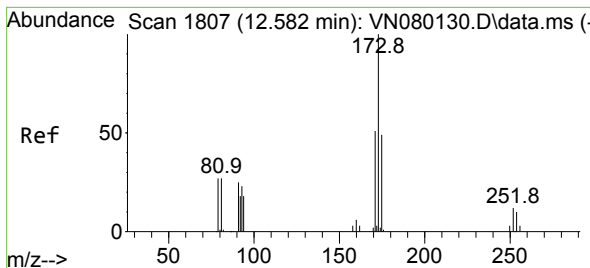
Tgt Ion: 95 Resp: 159160
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 117 Resp: 320868
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 31.8 25.6 38.4





#71

Bromoform

Concen: 0.482 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

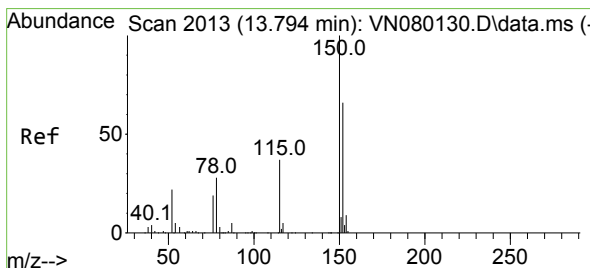
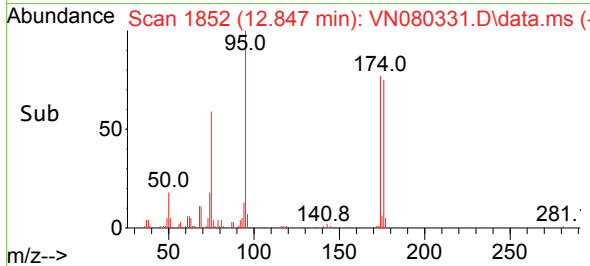
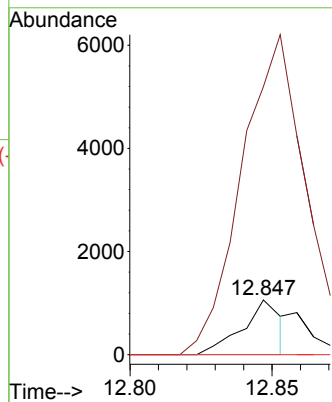
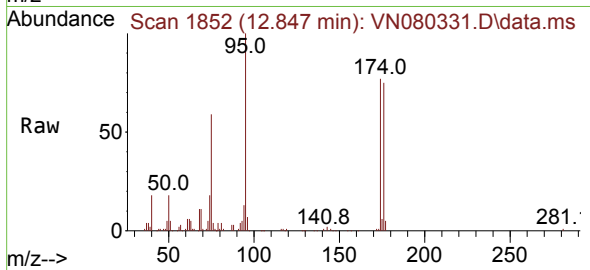
Tgt Ion:173 Resp: 1009

Ion Ratio Lower Upper

173 100

175 816.9 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: VN080331.D

Acq: 04 Dec 2023 12:23

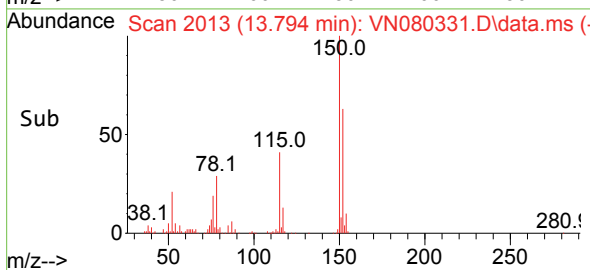
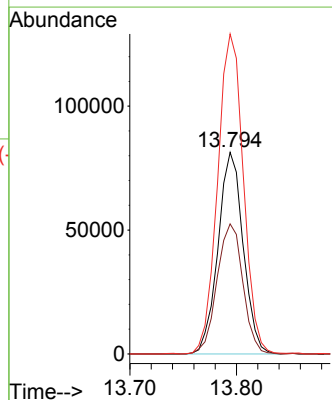
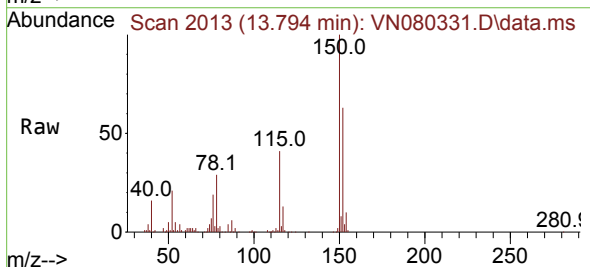
Tgt Ion:152 Resp: 133352

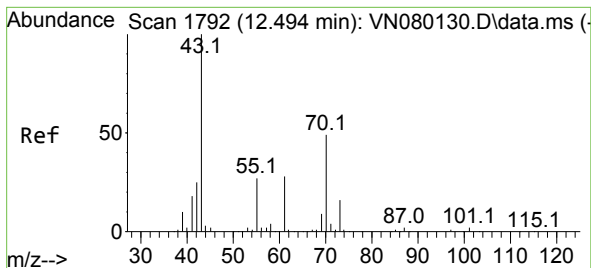
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 162.7 0.0 355.8





#74

N-amy1 acetate

Concen: 1.218 ug/l

RT: 12.465 min Scan# 1

Delta R.T. -0.029 min

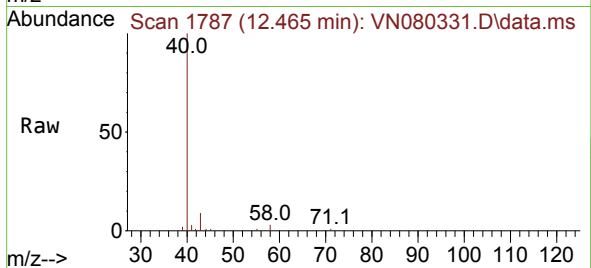
Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 3937

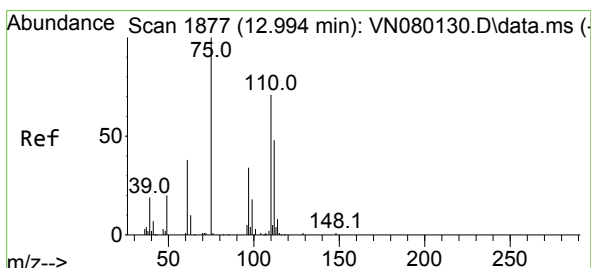
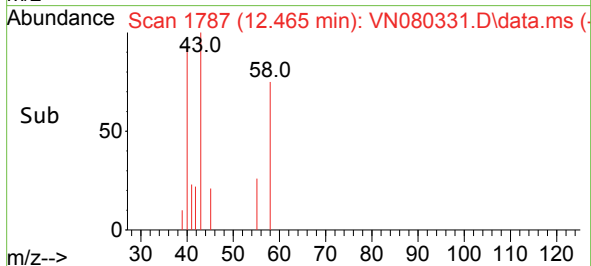
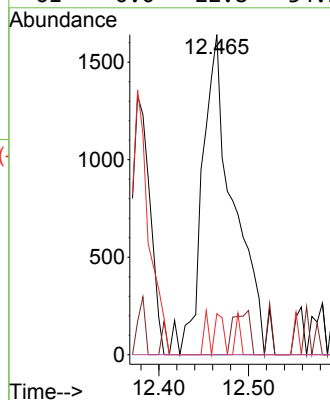
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 3.6 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 26.968 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080331.D

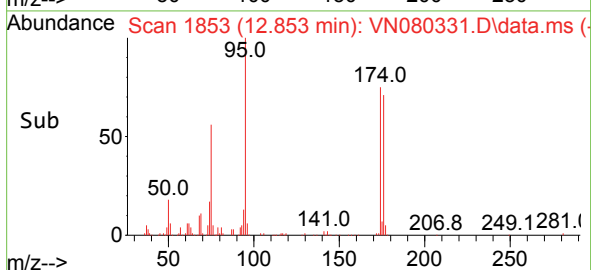
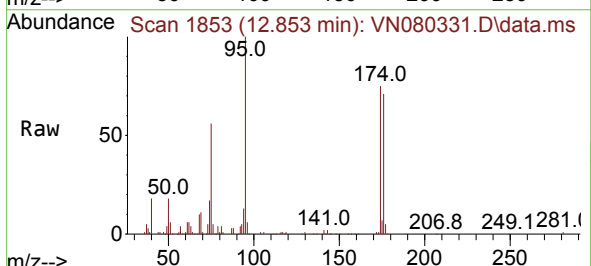
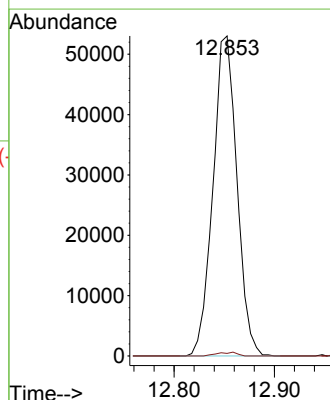
Acq: 04 Dec 2023 12:23

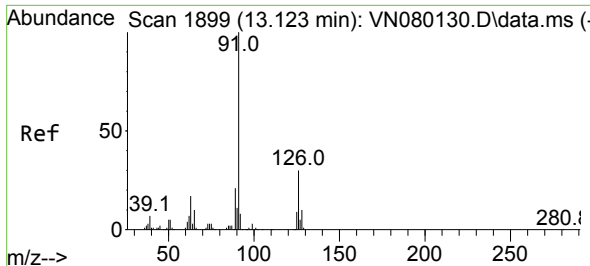
Tgt Ion: 75 Resp: 88113

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

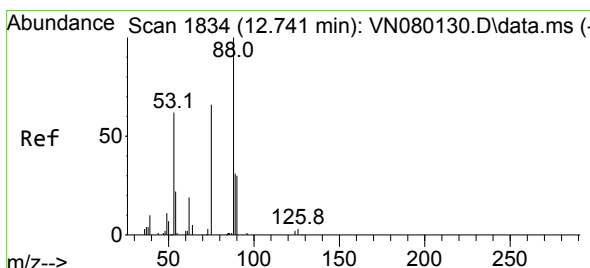
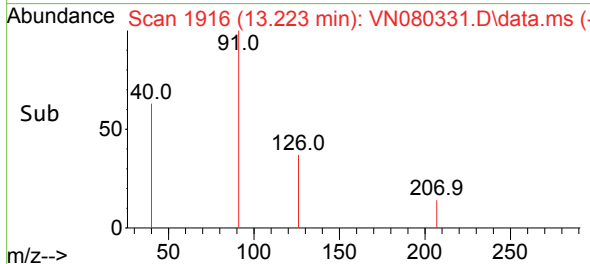
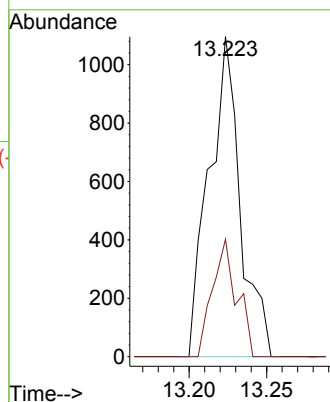
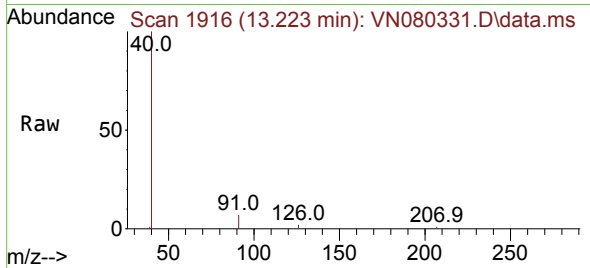




#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.100 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

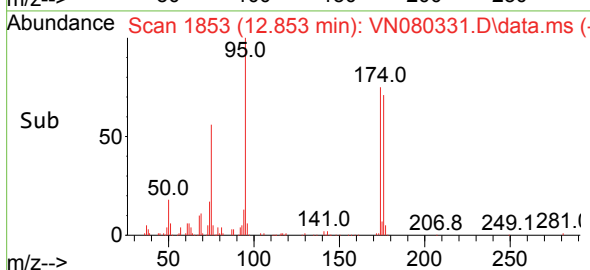
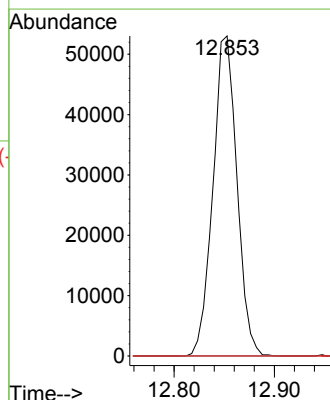
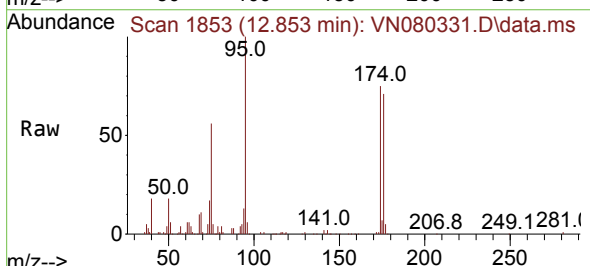
Instrument :
MSVOA_N
ClientSampleId :

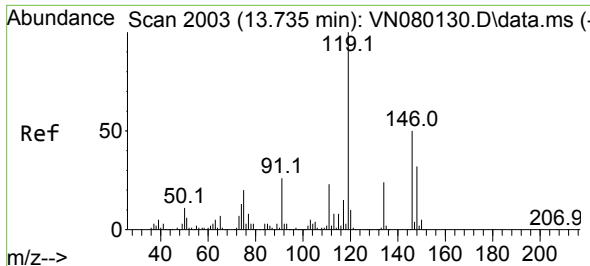
Tgt Ion: 91 Resp: 1533
Ion Ratio Lower Upper
91 100
126 28.6 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 91.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 75 Resp: 88113
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

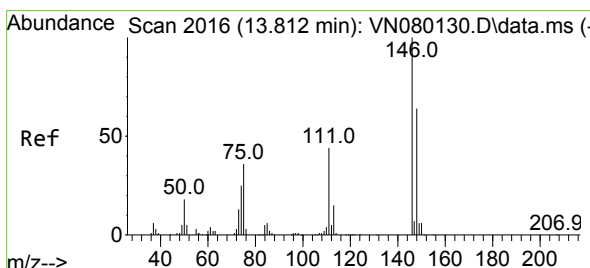
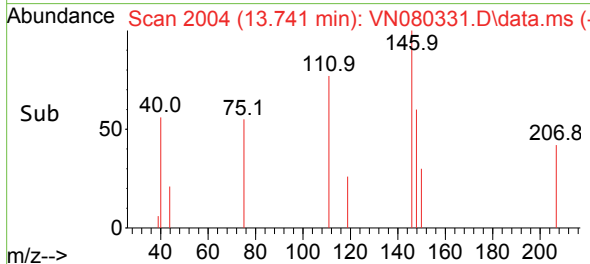
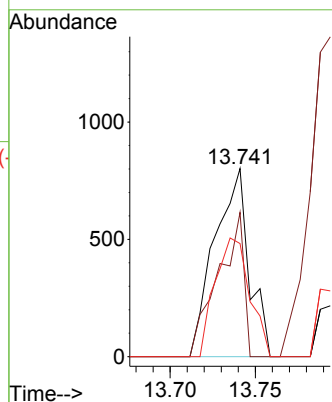
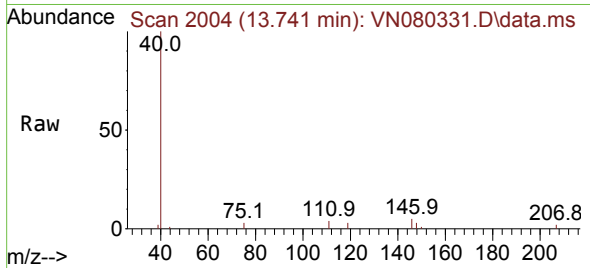




#87
1,3-Dichlorobenzene
Concen: 0.240 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

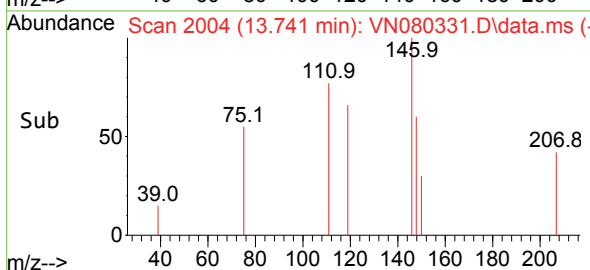
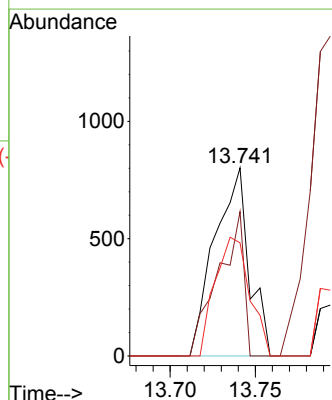
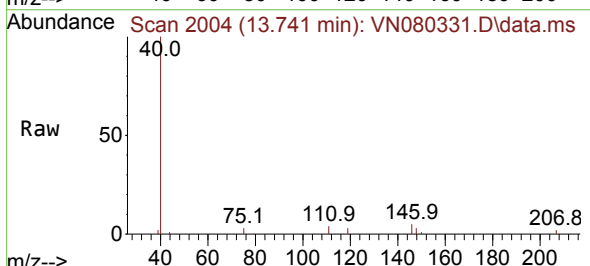
Instrument :
MSVOA_N
ClientSampleId :

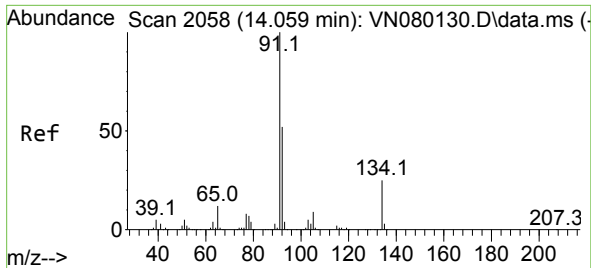
Tgt Ion:146 Resp: 1130
Ion Ratio Lower Upper
146 100
111 57.0 22.1 66.3
148 63.5 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.239 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.071 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion:146 Resp: 1130
Ion Ratio Lower Upper
146 100
111 57.0 20.6 61.8
148 63.5 31.6 94.8

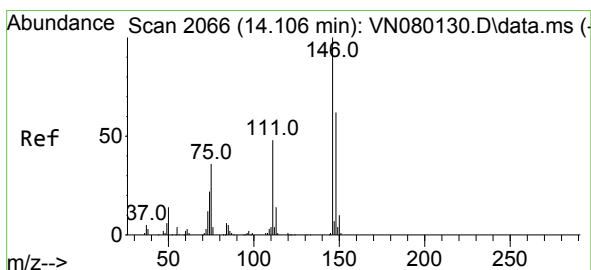
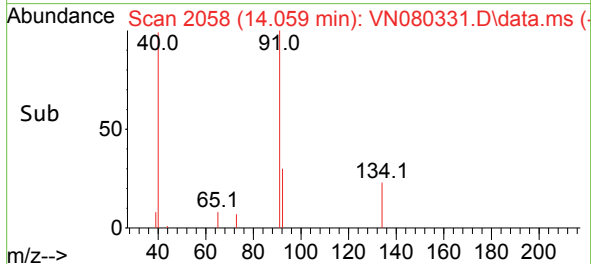
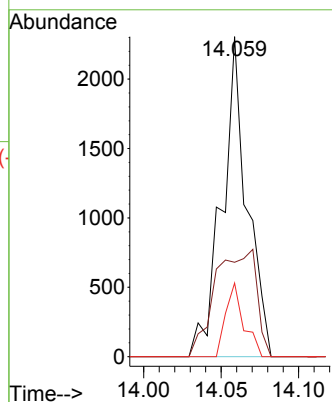
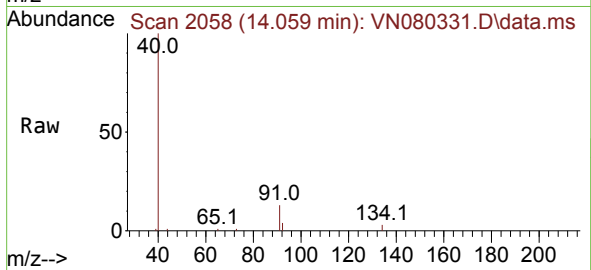




#89
n-Butylbenzene
Concen: 0.378 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

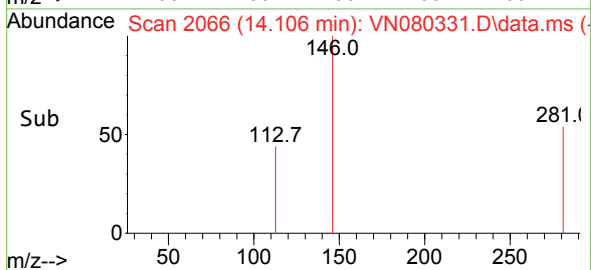
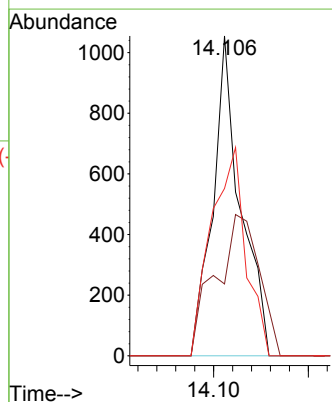
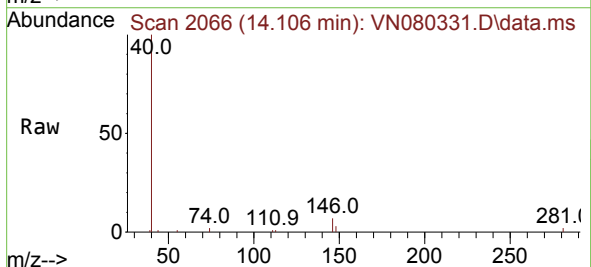
Instrument :
MSVOA_N
ClientSampleId :

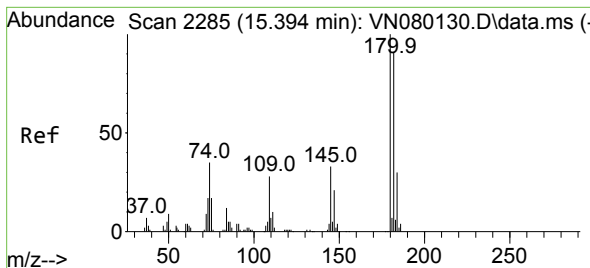
Tgt Ion: 91 Resp: 2588
Ion Ratio Lower Upper
91 100
92 55.2 26.4 79.0
134 16.5 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.237 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080331.D
Acq: 04 Dec 2023 12:23

Tgt Ion: 146 Resp: 1069
Ion Ratio Lower Upper
146 100
111 69.5 22.0 66.0#
148 81.3 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 0.768 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

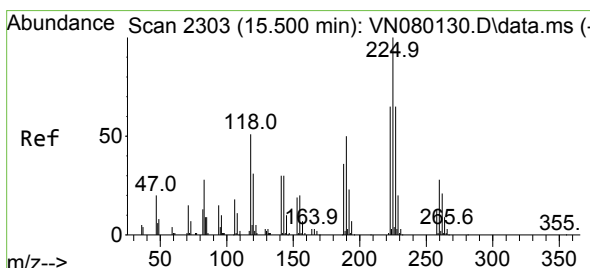
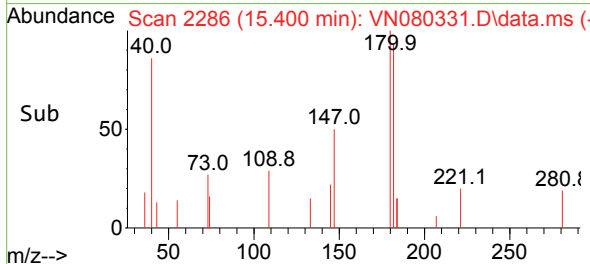
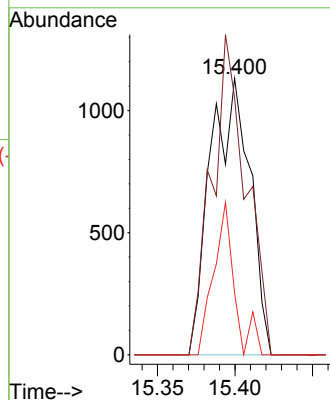
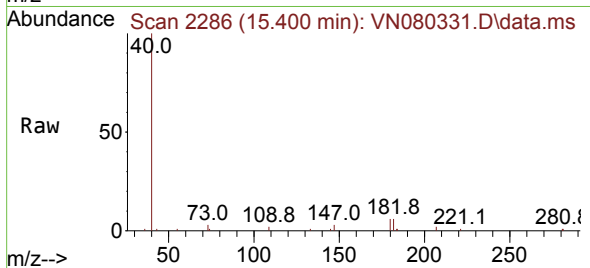
Tgt Ion:180 Resp: 2013

Ion Ratio Lower Upper

180 100

182 99.9 46.1 138.2

145 29.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.811 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

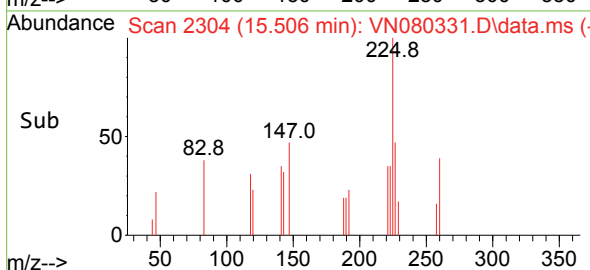
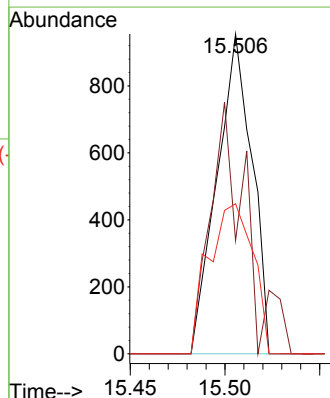
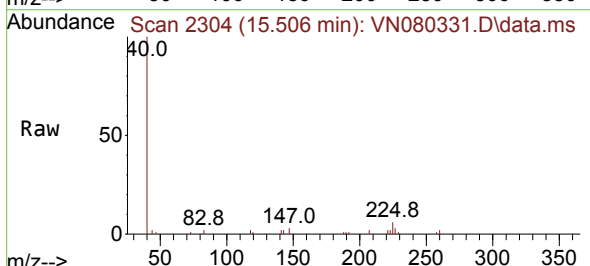
Tgt Ion:225 Resp: 1223

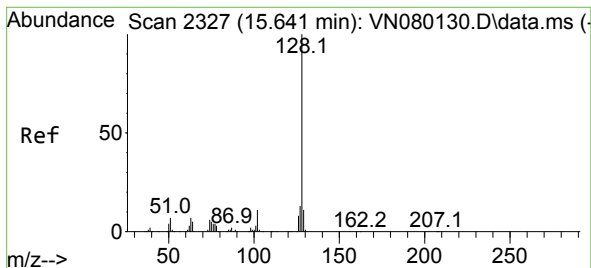
Ion Ratio Lower Upper

225 100

223 80.4 31.3 93.8

227 59.7 31.9 95.9





#95

Naphthalene

Concen: 1.148 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

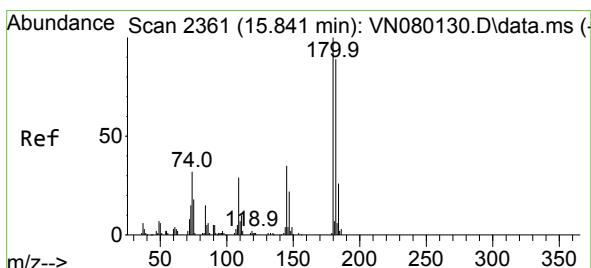
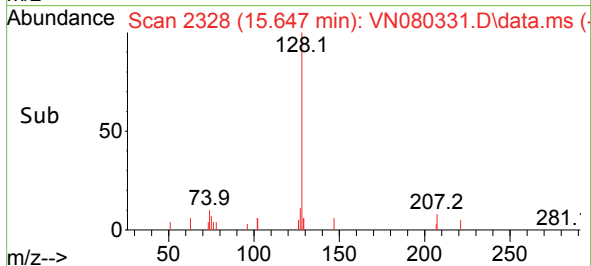
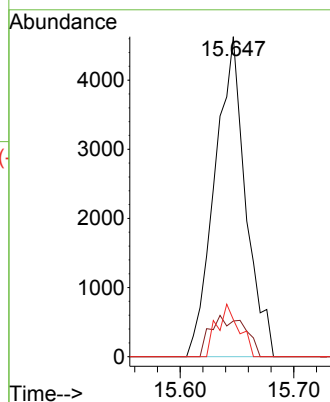
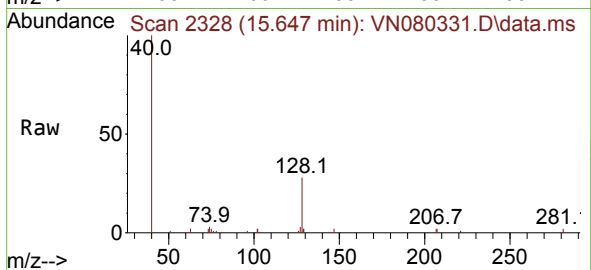
Tgt Ion:128 Resp: 8718

Ion Ratio Lower Upper

128 100

127 14.2 10.0 15.0

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.073 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080331.D

Acq: 04 Dec 2023 12:23

Tgt Ion:180 Resp: 2635

Ion Ratio Lower Upper

180 100

182 84.0 46.2 138.6

145 22.5 17.5 52.6

