

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078533.D
 Acq On : 23 Feb 2024 13:54
 Operator : RP/MD
 Sample : P1573-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022224

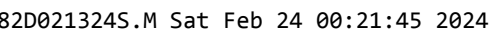
Quant Time: Feb 24 00:21:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

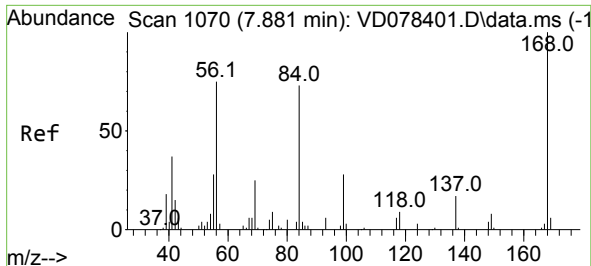
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	122330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50013	37.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.620%
35) Dibromofluoromethane	7.805	113	69206	47.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.269	98	287798	49.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.575	95	105562	62.418	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.840%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	892	Below Cal		99
18) Methyl Acetate	4.564	43	64	4.002 ug/l	#	42
20) Methylene Chloride	4.805	84	9087	3.171 ug/l	#	80
23) Vinyl Acetate	5.881	43	154	Below Cal	#	63
25) 2-Butanone	7.116	43	63	Below Cal	#	37
31) Cyclohexane	7.869	56	2791	1.247 ug/l	#	31
36) 1,1-Dichloropropene	7.875	75	9422	4.175 ug/l	#	48
38) Carbon Tetrachloride	7.875	117	13315	5.957 ug/l	#	16
52) Toluene	10.334	92	12626	3.061 ug/l		97
55) 1,1,2-Trichloroethane	10.710	97	2209	1.822 ug/l	#	16
59) 2-Hexanone	10.893	43	1181	2.021 ug/l	#	16
76) 1,2,3-Trichloropropane	12.575	75	54714	56.234 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54714	116.742 ug/l	#	17

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

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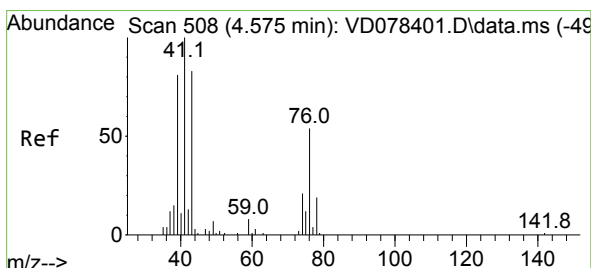
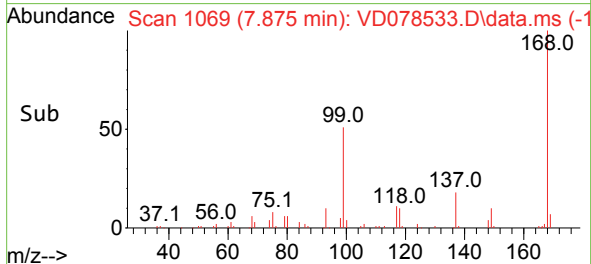
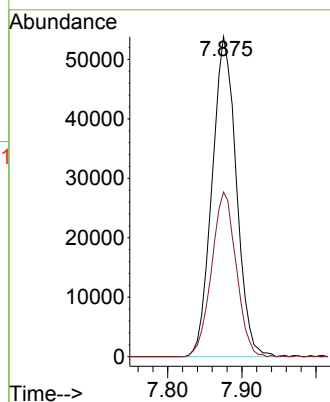
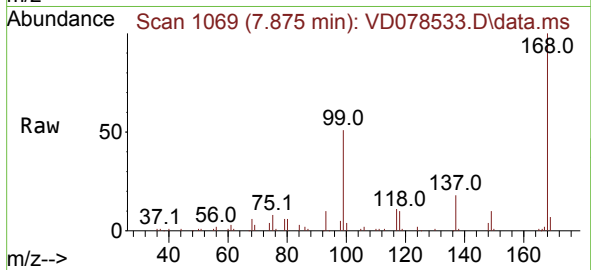




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

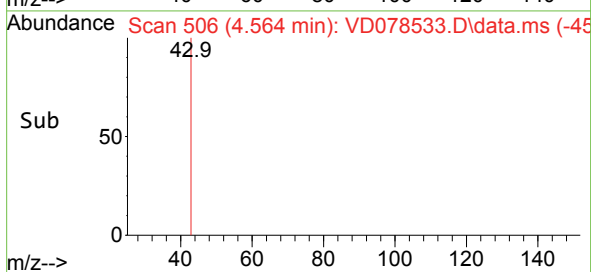
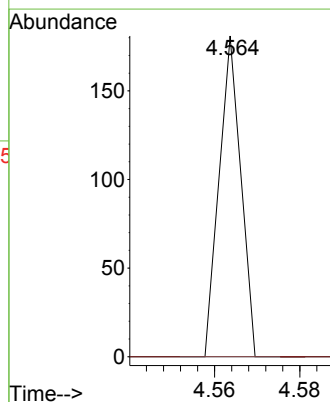
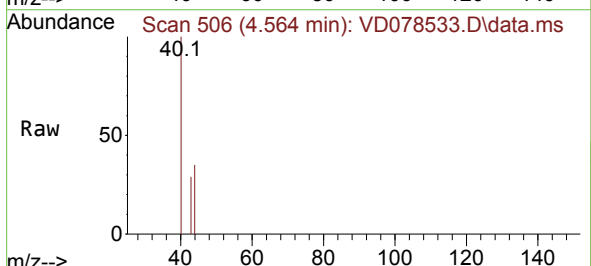
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

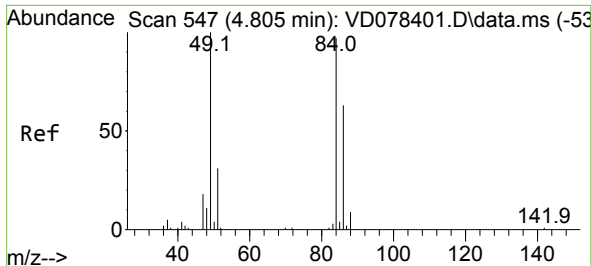
Tgt Ion:168 Resp: 122330
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#18
Methyl Acetate
Concen: 4.002 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

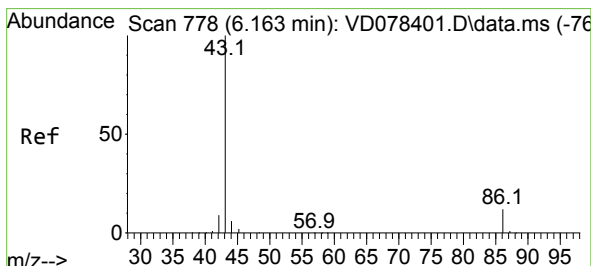
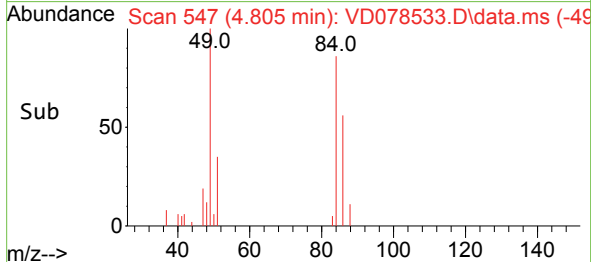
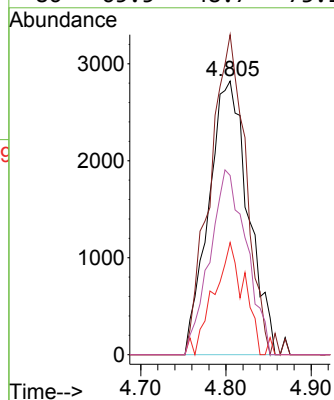
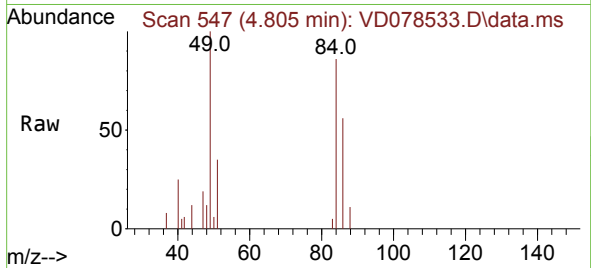




#20
Methylene Chloride
Concen: 3.171 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

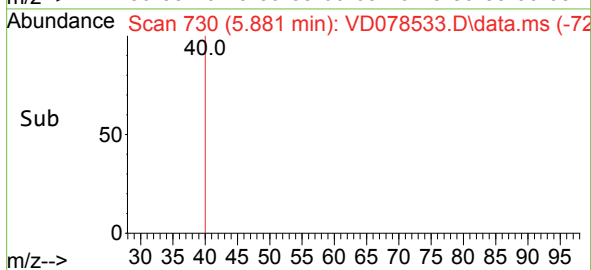
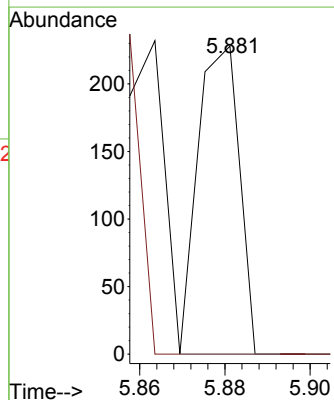
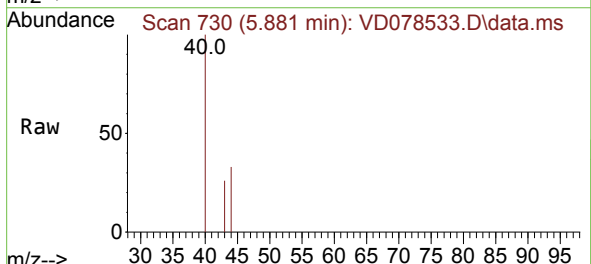
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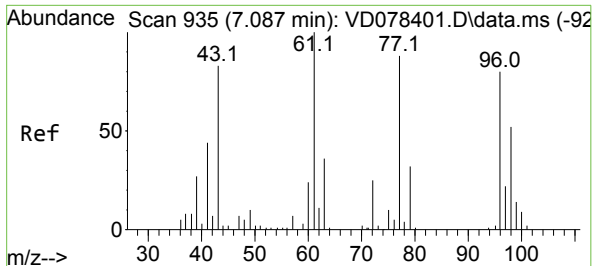
Tgt Ion:	84	Resp:	9087
Ion	Ratio	Lower	Upper
84	100		
49	116.9	71.4	107.2#
51	41.0	24.5	36.7#
86	65.5	48.7	73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 5.881 min Scan# 730
Delta R.T. -0.282 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion:	43	Resp:	154
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.5	18.7#

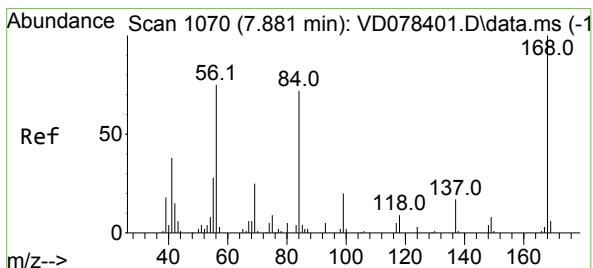
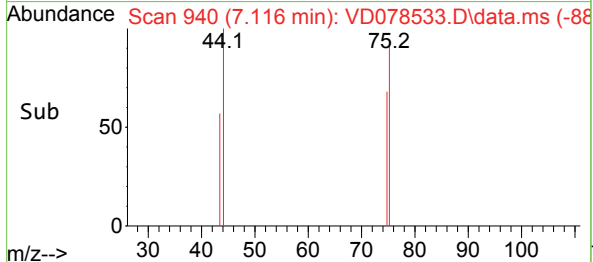
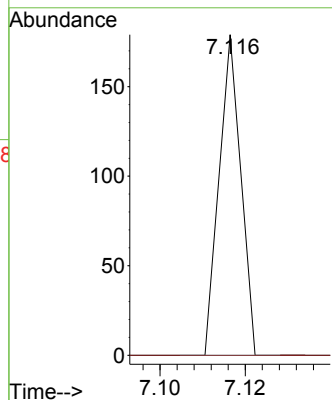
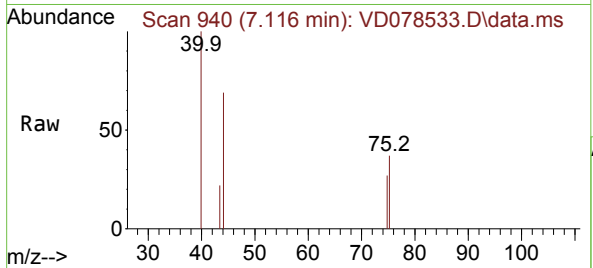




#25
2-Butanone
Concen: Below Cal
RT: 7.116 min Scan# 94
Delta R.T. 0.029 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

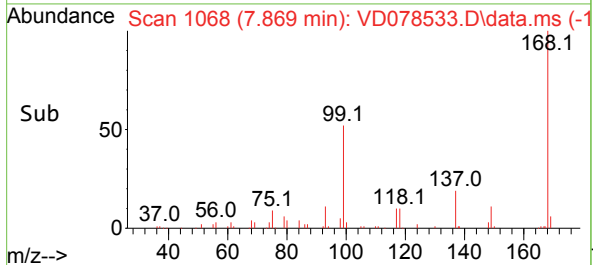
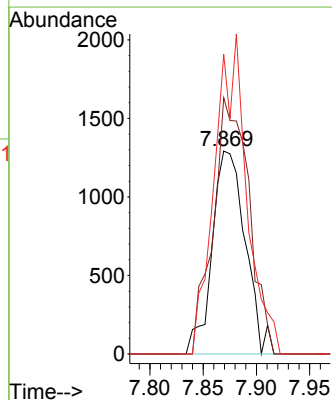
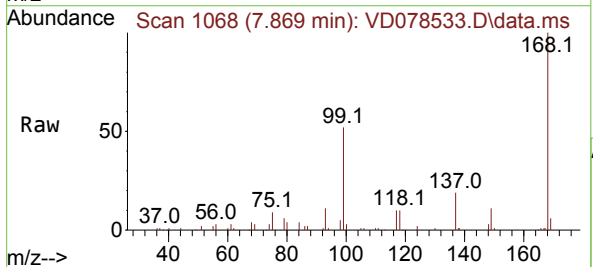
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

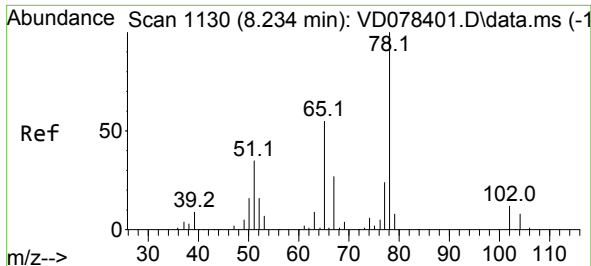
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 56 Resp: 2791
Ion Ratio Lower Upper
56 100
69 126.2 28.6 43.0#
84 147.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 37.812 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078533.D

Acq: 23 Feb 2024 13:54

Instrument :

MSVOA_D

ClientSampleId :

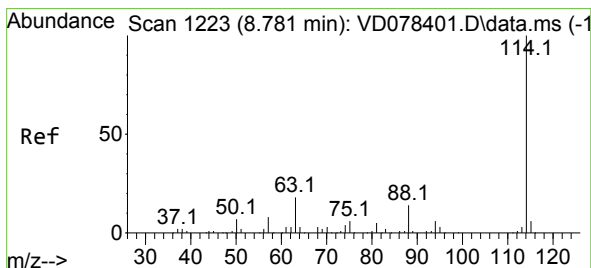
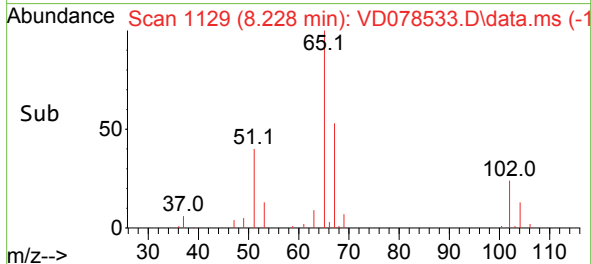
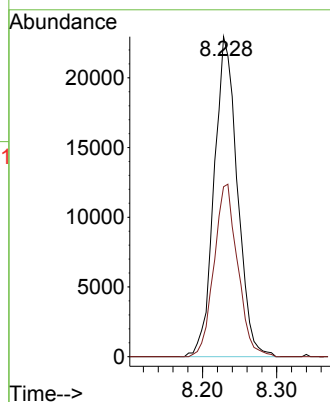
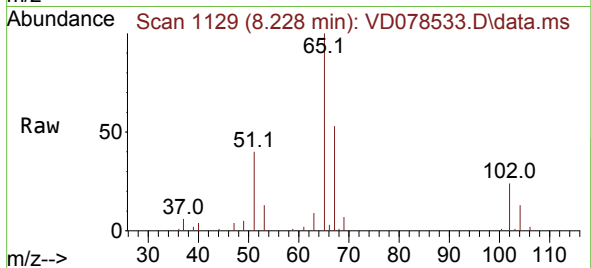
NB-07-022224

Tgt Ion: 65 Resp: 50013

Ion Ratio Lower Upper

65 100

67 54.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078533.D

Acq: 23 Feb 2024 13:54

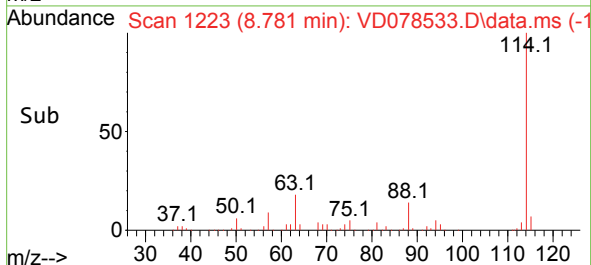
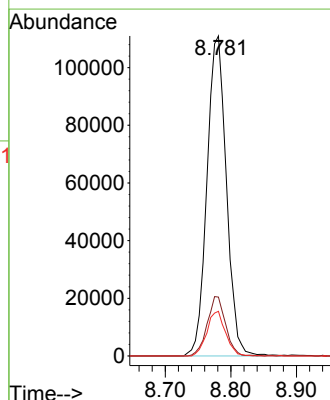
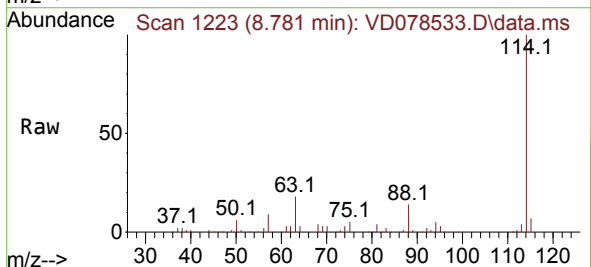
Tgt Ion: 114 Resp: 228709

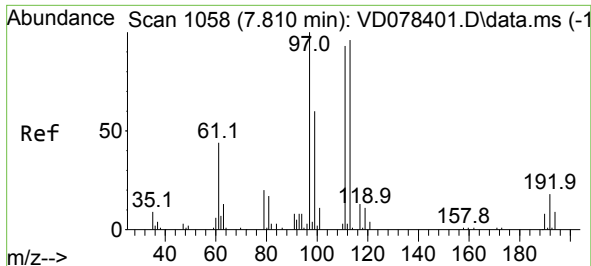
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

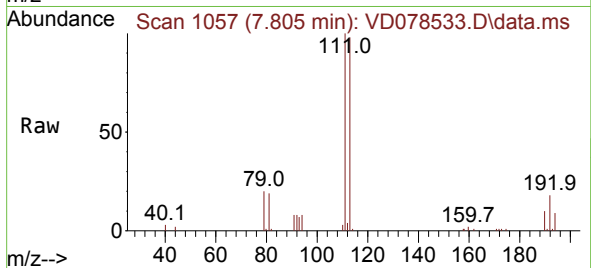
88 14.0 0.0 26.2



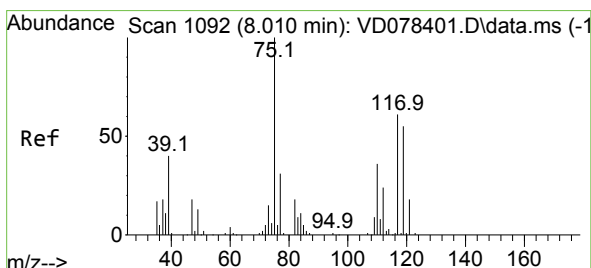
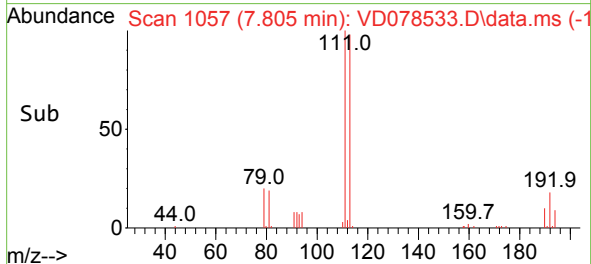
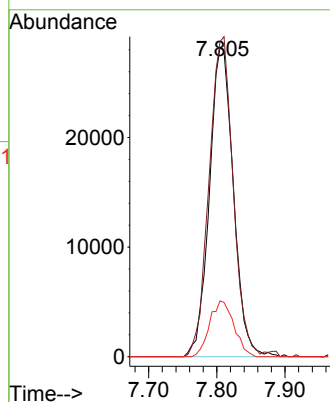


#35
 Dibromofluoromethane
 Concen: 47.636 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078533.D
 Acq: 23 Feb 2024 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-022224

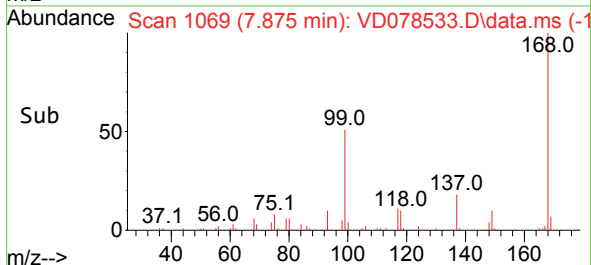
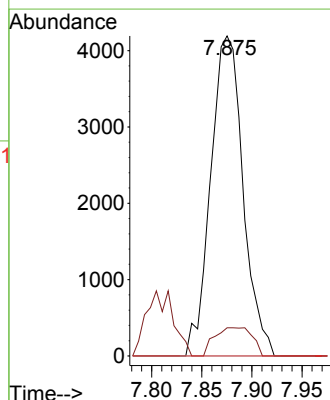
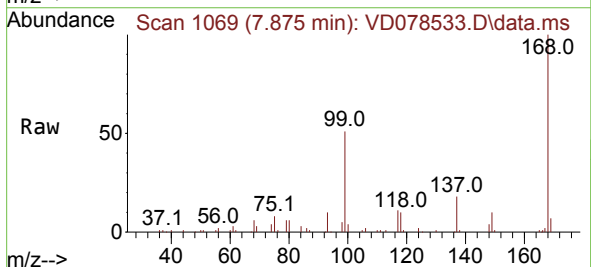


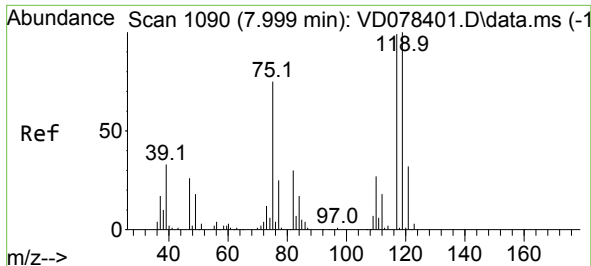
Tgt Ion:113 Resp: 69206
 Ion Ratio Lower Upper
 113 100
 111 103.6 84.7 127.1
 192 18.3 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.175 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078533.D
 Acq: 23 Feb 2024 13:54

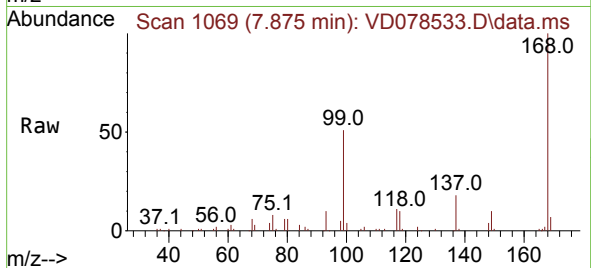
Tgt Ion: 75 Resp: 9422
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.9 59.6#
 77 0.0 24.7 37.1#



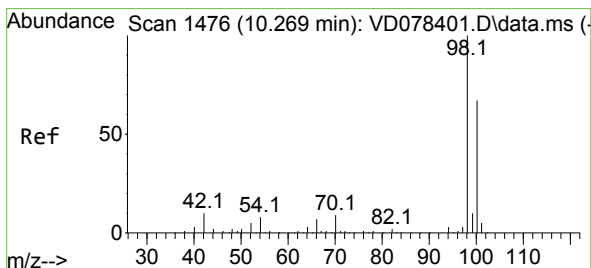
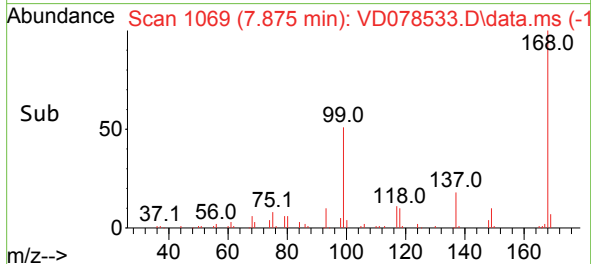
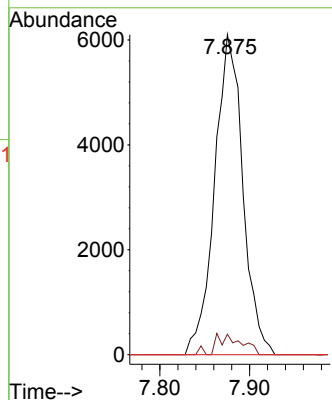


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.123 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Instrument :
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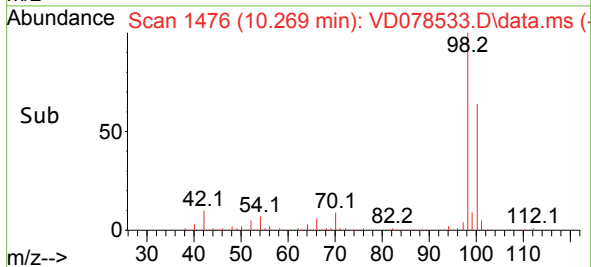
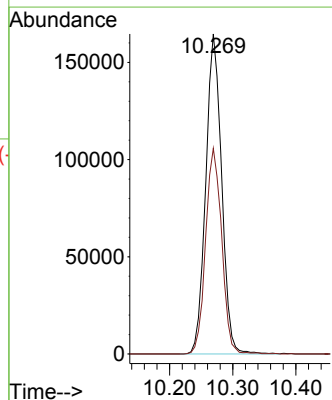
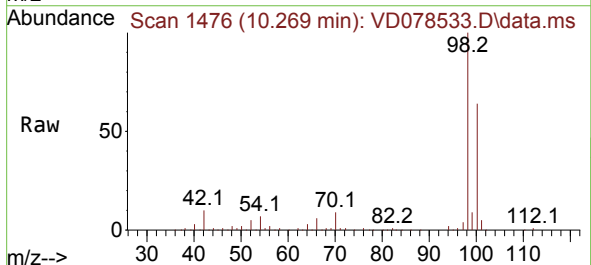


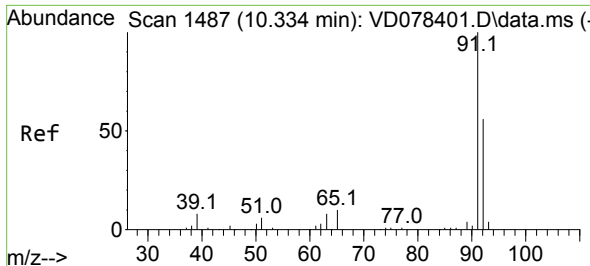
Tgt Ion:117 Resp: 13315
Ion Ratio Lower Upper
117 100
119 6.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.522 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 98 Resp: 287798
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5

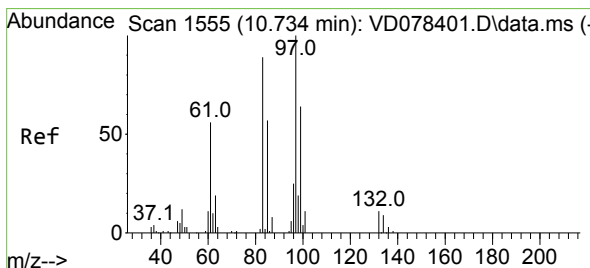
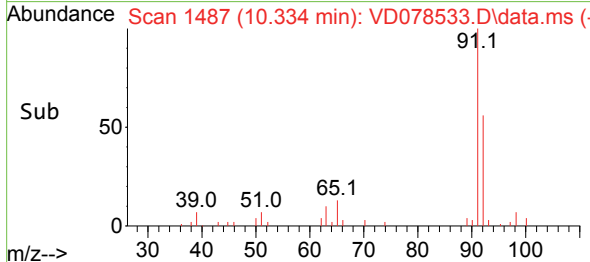
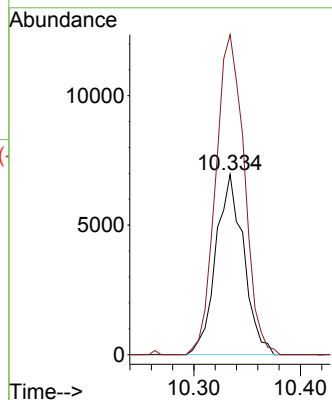
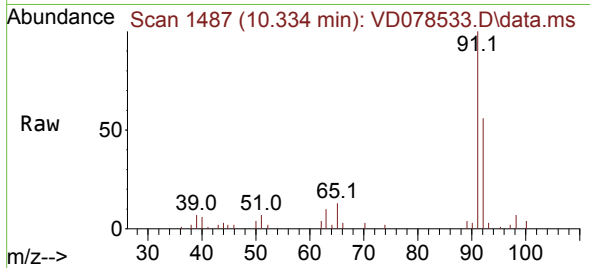




#52
Toluene
Concen: 3.061 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

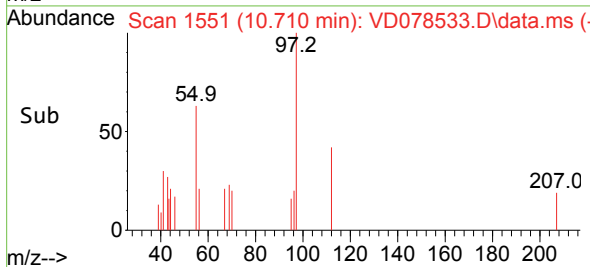
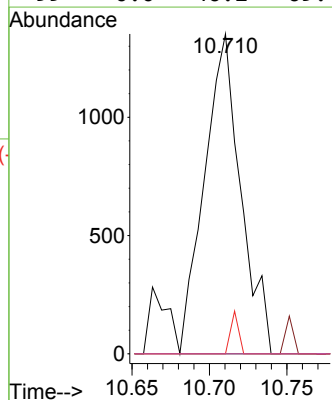
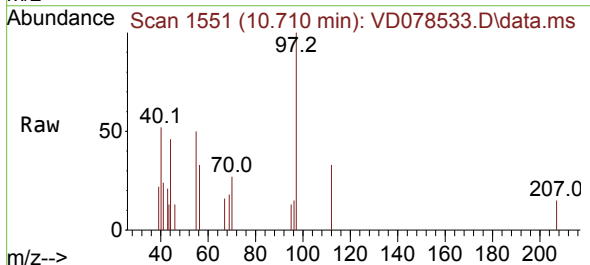
Instrument :
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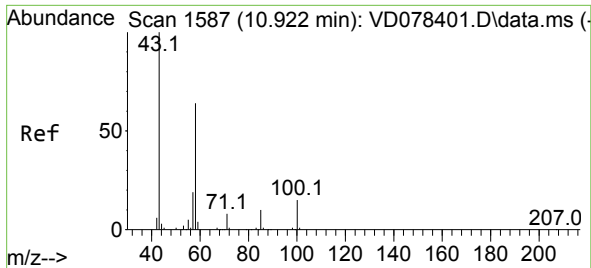
Tgt Ion: 92 Resp: 12626
Ion Ratio Lower Upper
92 100
91 182.6 143.0 214.4



#55
1,1,2-Trichloroethane
Concen: 1.822 ug/l
RT: 10.710 min Scan# 1551
Delta R.T. -0.023 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 97 Resp: 2209
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.6#
85 0.0 45.7 68.5#
99 0.0 46.2 69.4#

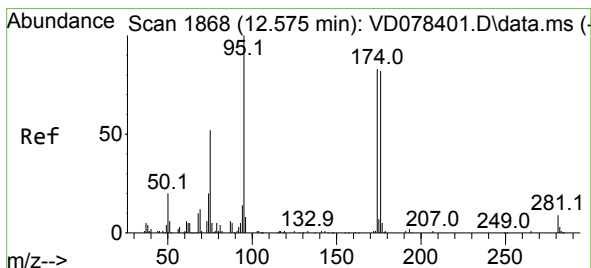
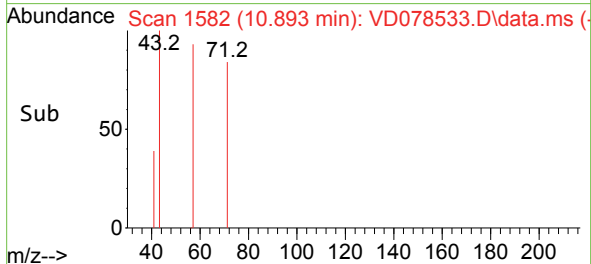
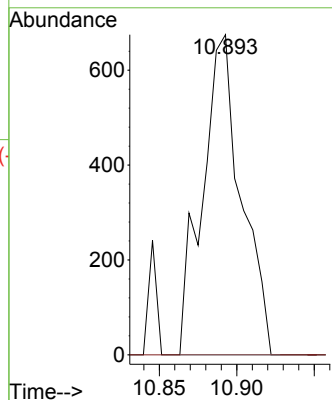
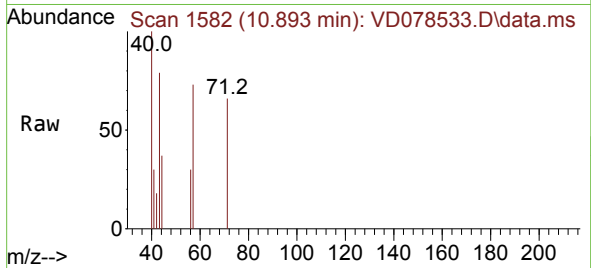




#59
2-Hexanone
Concen: 2.021 ug/l
RT: 10.893 min Scan# 1181
Delta R.T. -0.029 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

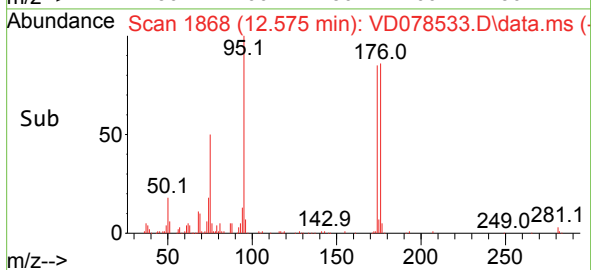
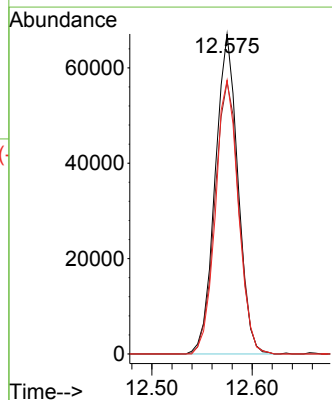
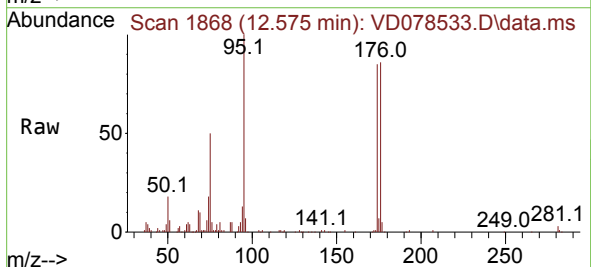
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

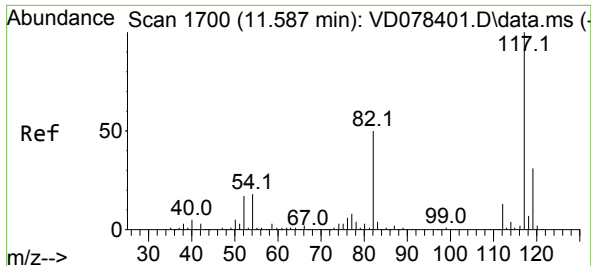
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 62.418 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 95 Resp: 105562
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 86.1 0.0 191.8

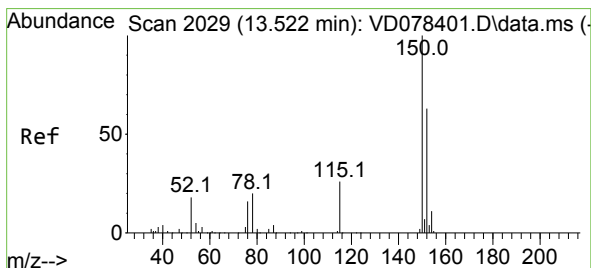
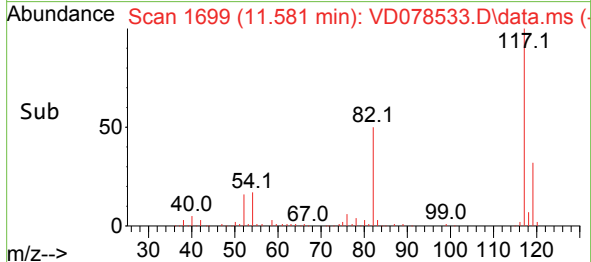
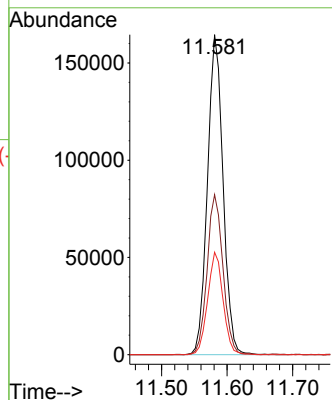
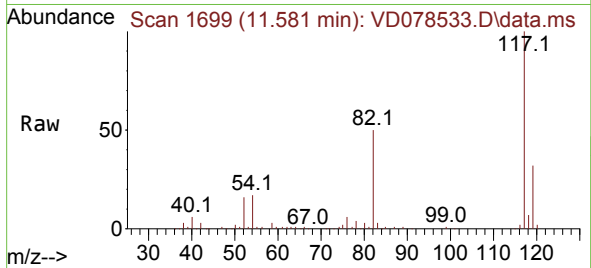




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

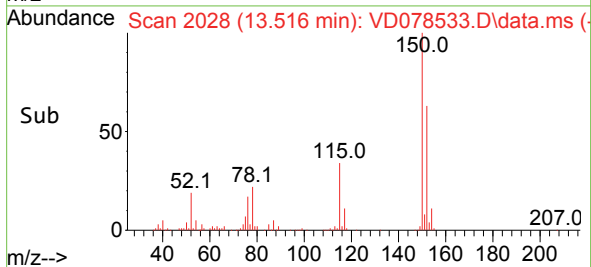
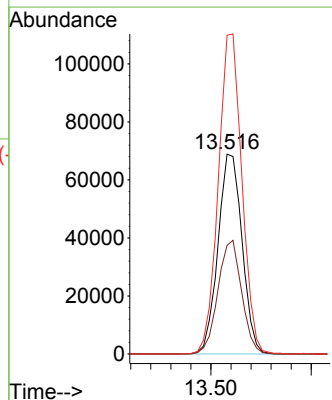
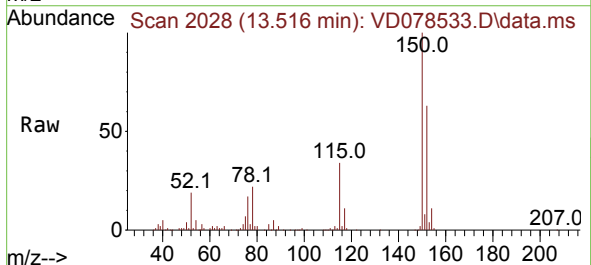
Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

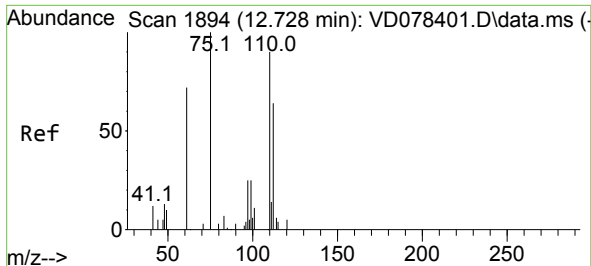
Tgt Ion:117 Resp: 272282
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion:152 Resp: 114607
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 156.7 0.0 353.6

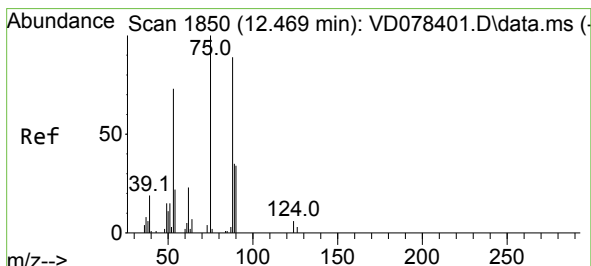
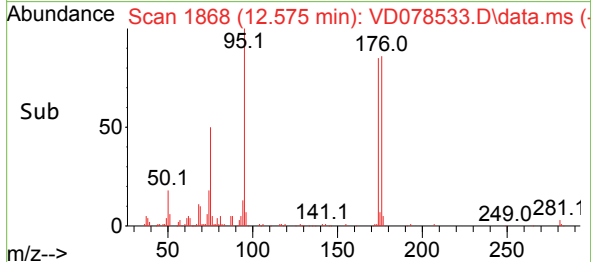
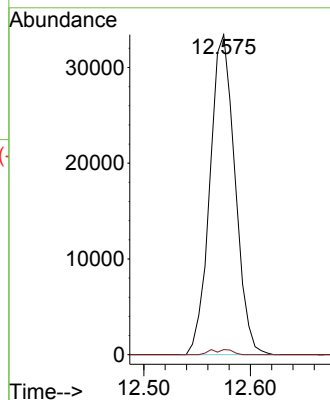
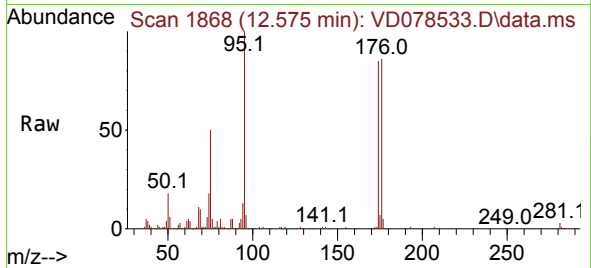




#76
1,2,3-Trichloropropane
Concen: 56.234 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Instrument :
MSVOA_D
ClientSampleId :
NB-07-022224

Tgt Ion: 75 Resp: 54714
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.742 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078533.D
Acq: 23 Feb 2024 13:54

Tgt Ion: 75 Resp: 54714
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

