

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078540.D
 Acq On : 23 Feb 2024 17:10
 Operator : RP/MD
 Sample : P1537-04RE
 Misc : 4.05G/6ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Feb 24 00:25:12 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)

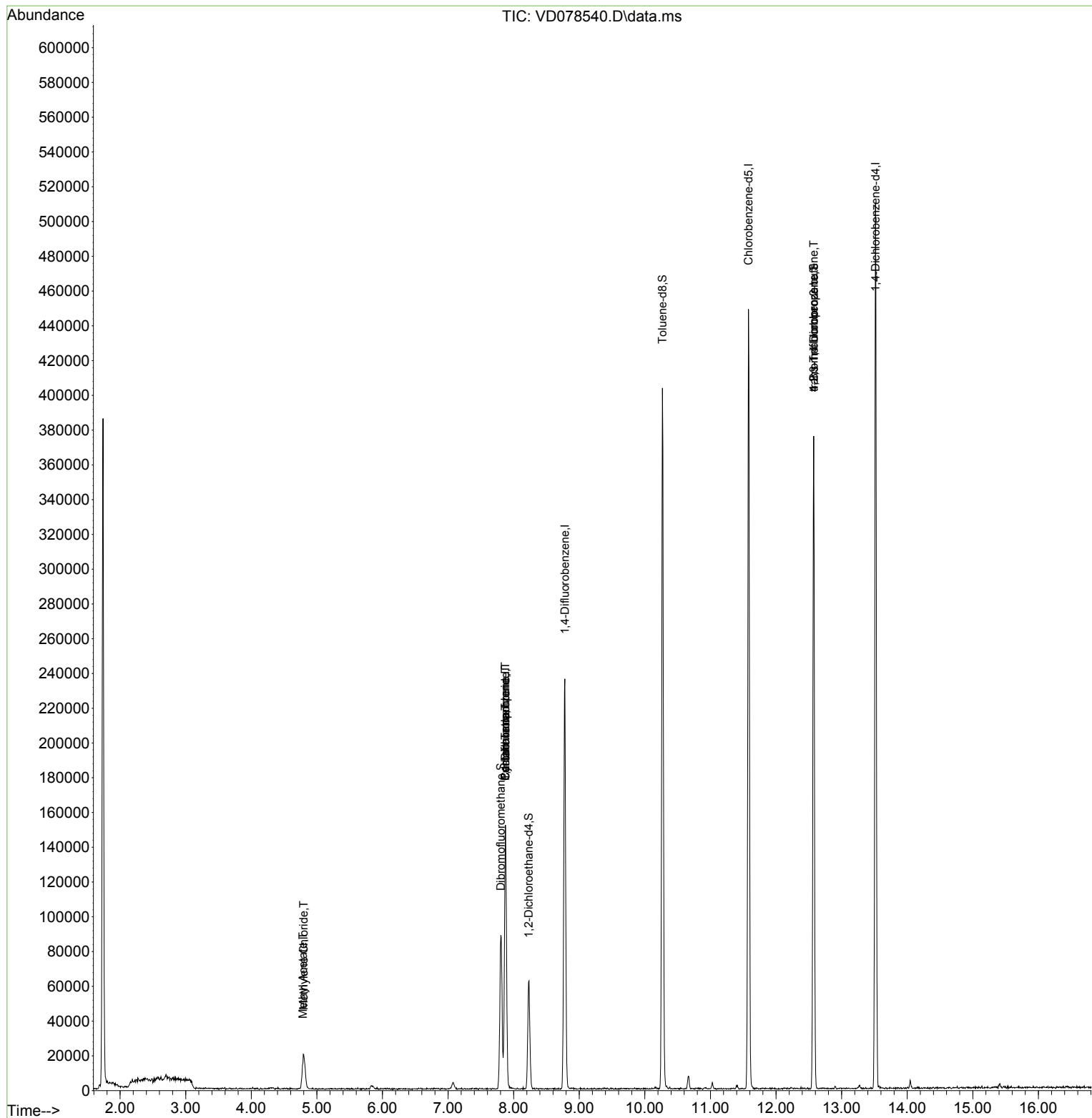
Internal Standards						
1) Pentafluorobenzene	7.875	168	113049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	264784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45760	37.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.880%
35) Dibromofluoromethane	7.804	113	65784	48.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.269	98	278740	51.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.575	95	108631	69.227	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	138.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.851	59	56	Below Cal	#	73
16) Acetone	4.034	43	480	Below Cal	#	32
18) Methyl Acetate	4.787	43	65	4.008	ug/l #	42
20) Methylene Chloride	4.798	84	16963	9.764	ug/l	93
23) Vinyl Acetate	5.922	43	56	Below Cal	#	63
25) 2-Butanone	7.128	43	59	Below Cal	#	37
31) Cyclohexane	7.875	56	2767	1.338	ug/l #	28
36) 1,1-Dichloropropene	7.875	75	9322	4.452	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11438	5.515	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	58025	50.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	58025	105.088	ug/l #	17

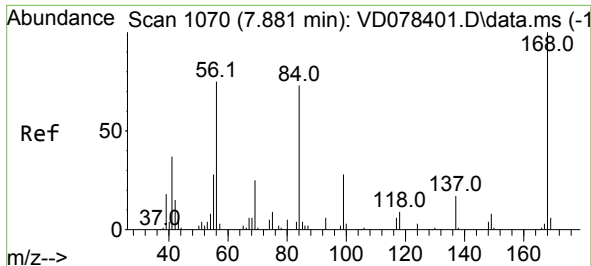
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

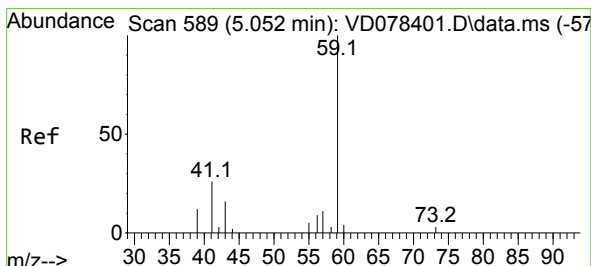
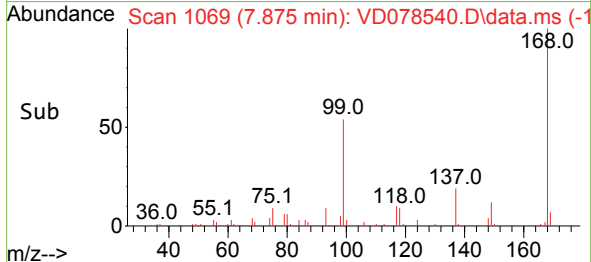
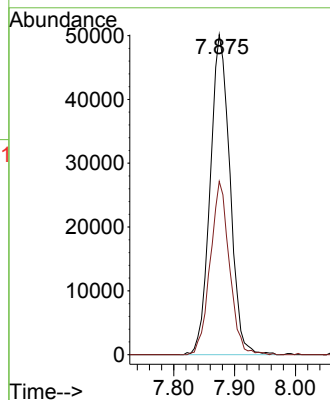
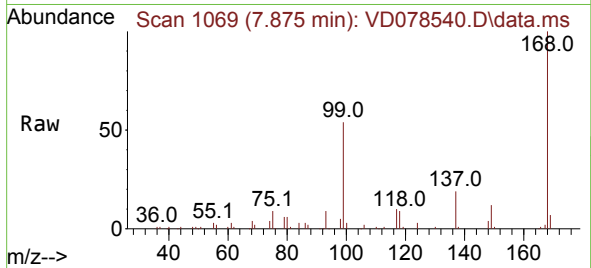




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

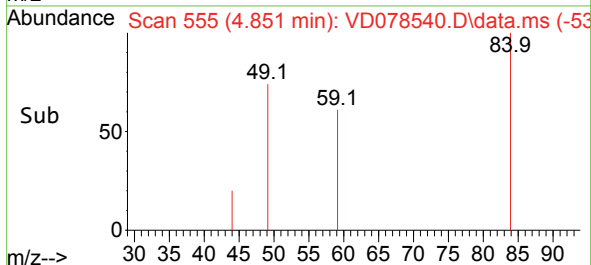
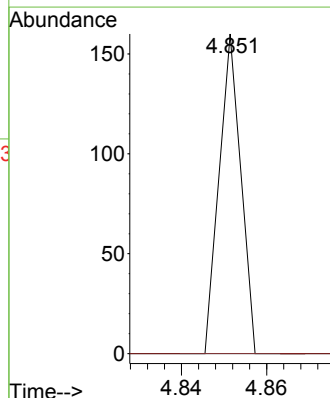
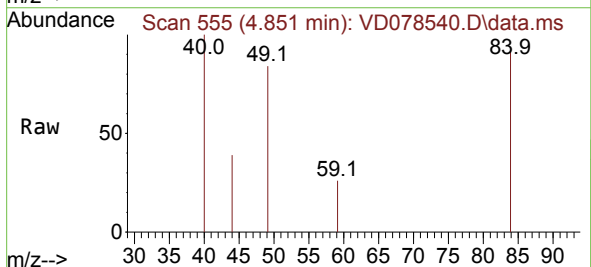
Instrument :
MSVOA_D
ClientSampleId :
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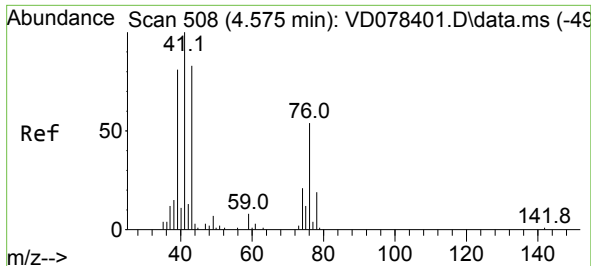
Tgt Ion:168 Resp: 113049
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.851 min Scan# 555
Delta R.T. -0.201 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

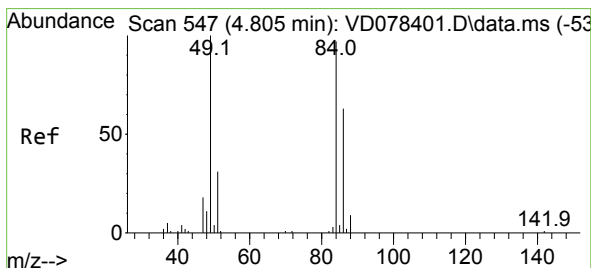
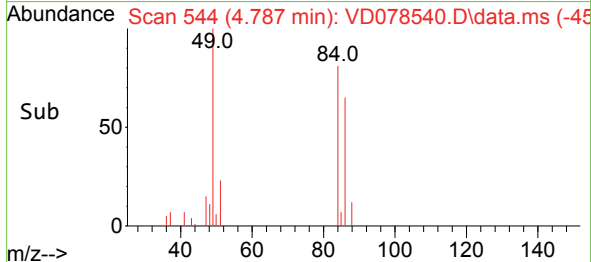
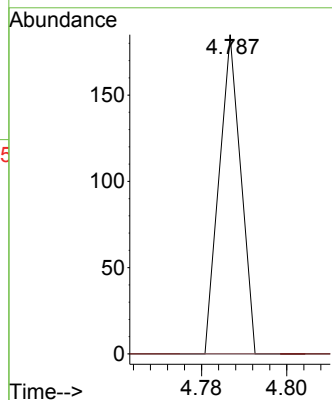
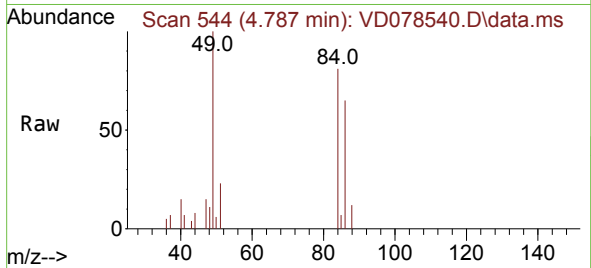




#18
Methyl Acetate
Concen: 4.008 ug/l
RT: 4.787 min Scan# 544
Delta R.T. 0.212 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

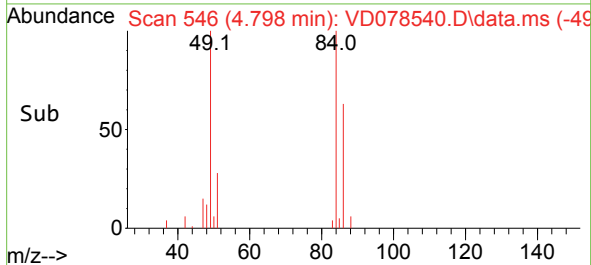
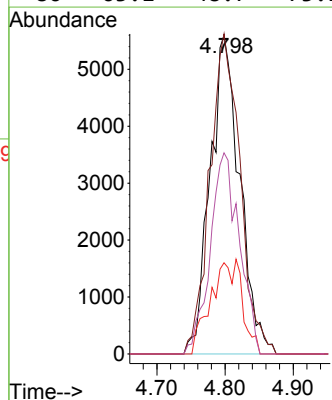
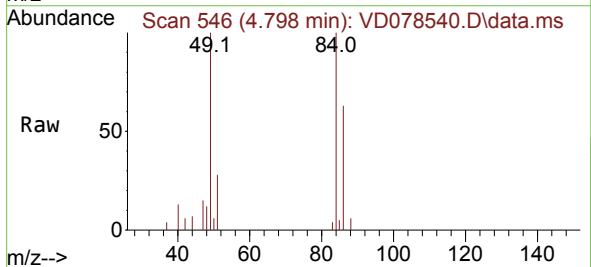
Instrument :
MSVOA_D
ClientSampleId :
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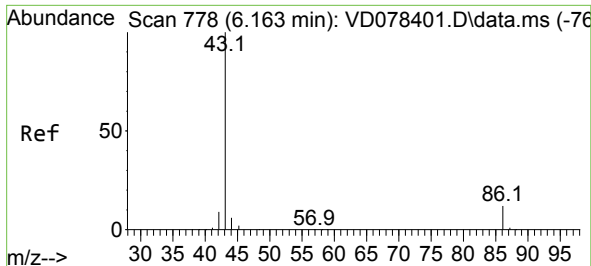
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 9.764 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.007 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 84 Resp: 16963
Ion Ratio Lower Upper
84 100
49 100.3 71.4 107.2
51 28.6 24.5 36.7
86 63.1 48.7 73.1

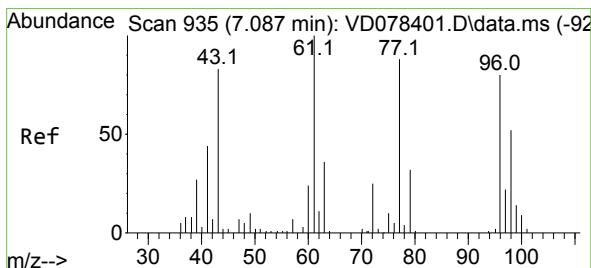
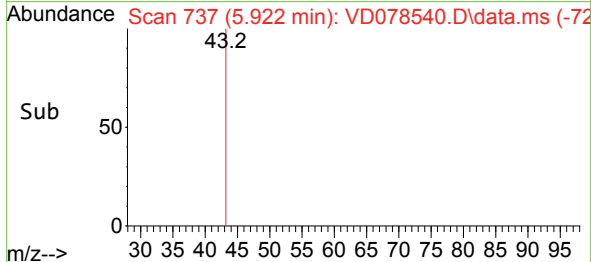
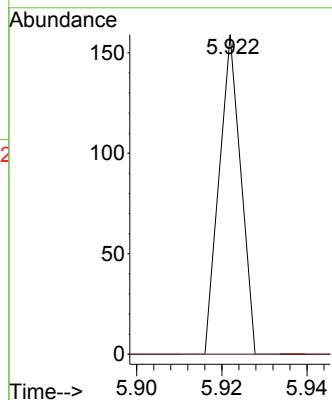
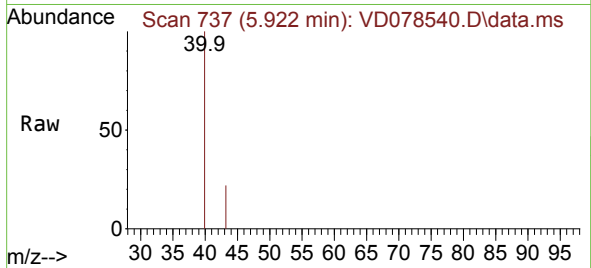




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 5.922 min Scan# 714
 Delta R.T. -0.241 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

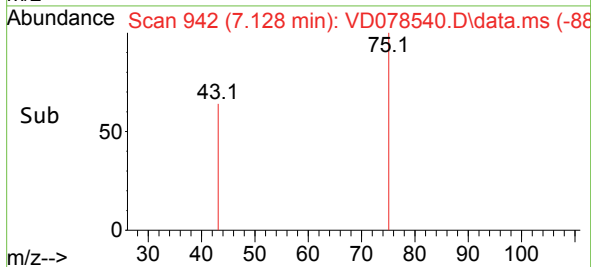
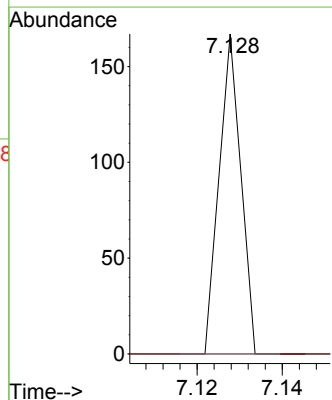
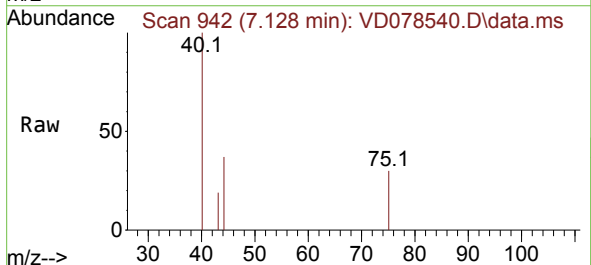
Instrument :
 MSVOA_D
 ClientSampleId :
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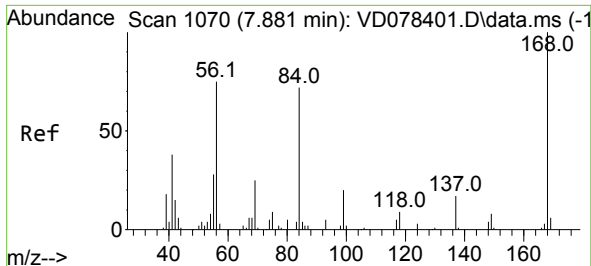
Tgt Ion: 43 Resp: 56
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: Below Cal
 RT: 7.128 min Scan# 942
 Delta R.T. 0.041 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#

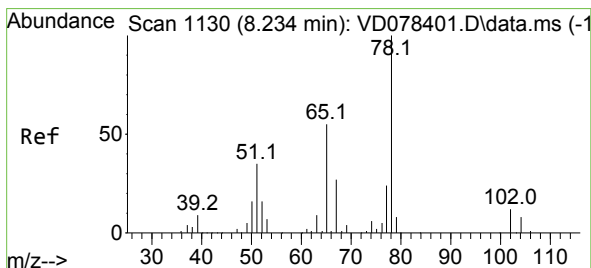
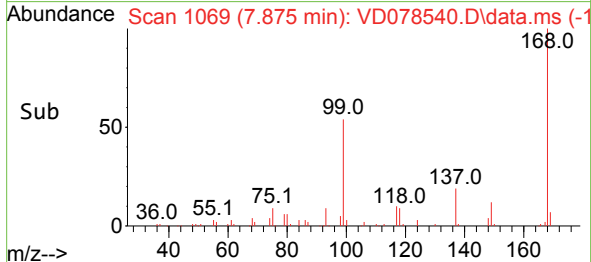
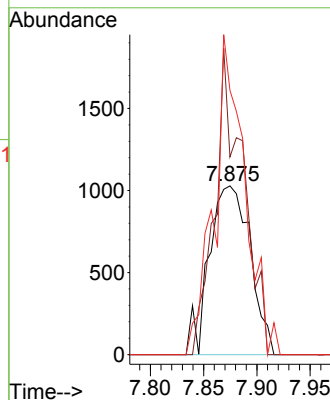
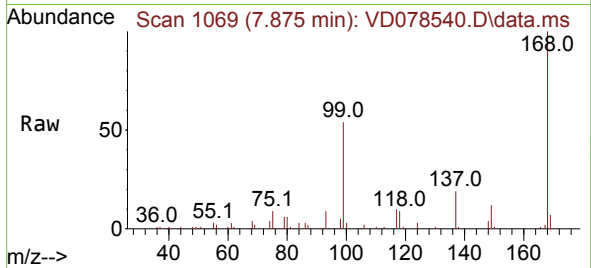




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

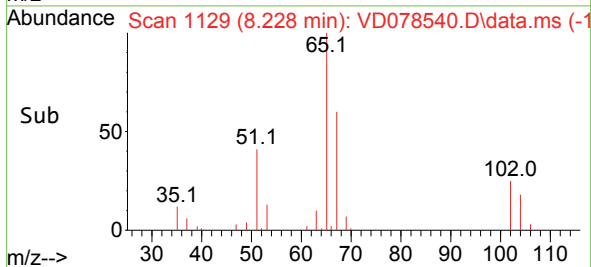
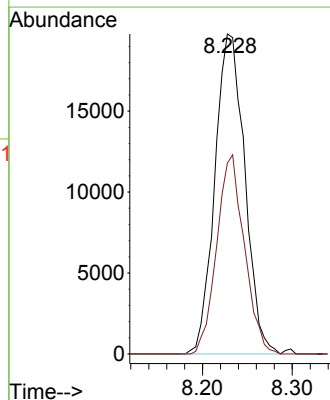
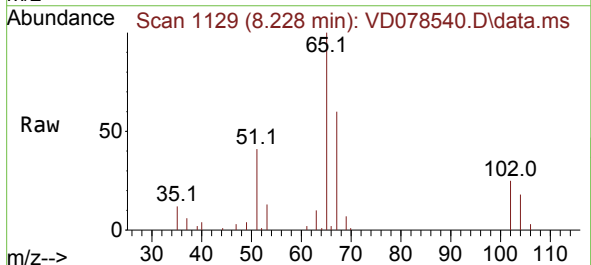
Instrument :
MSVOA_D
ClientSampleId :
4

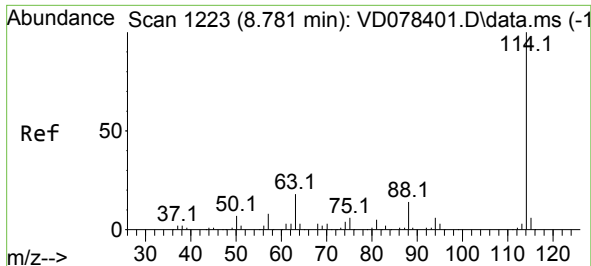
Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 117.2 28.6 43.0#
84 156.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 37.436 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 65 Resp: 45760
Ion Ratio Lower Upper
65 100
67 57.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078540.D

Acq: 23 Feb 2024 17:10

Instrument :

MSVOA_D

ClientSampleId :

4

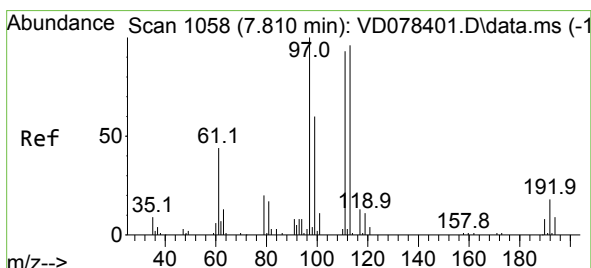
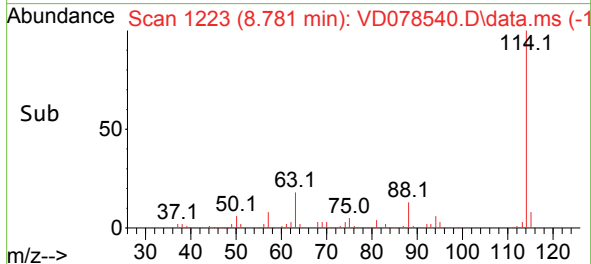
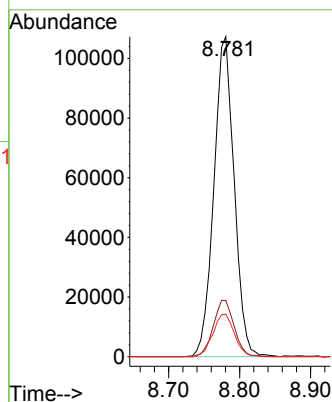
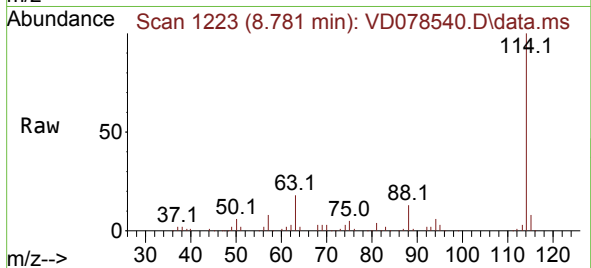
Tgt Ion:114 Resp: 212210

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078540.D

Acq: 23 Feb 2024 17:10

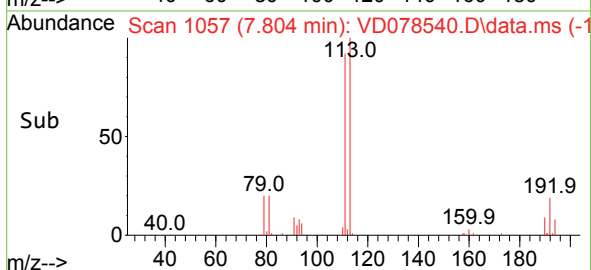
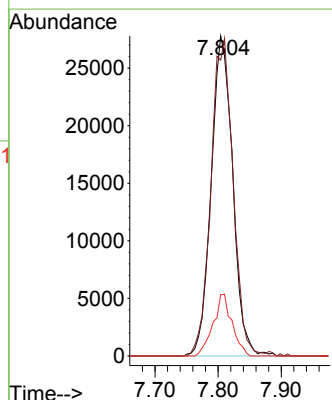
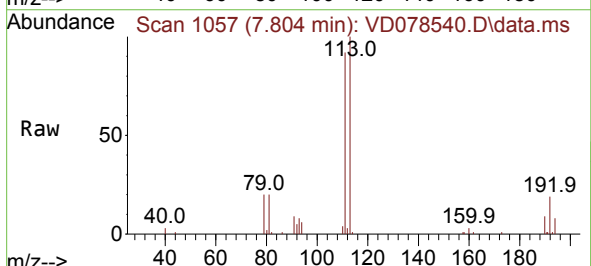
Tgt Ion:113 Resp: 65784

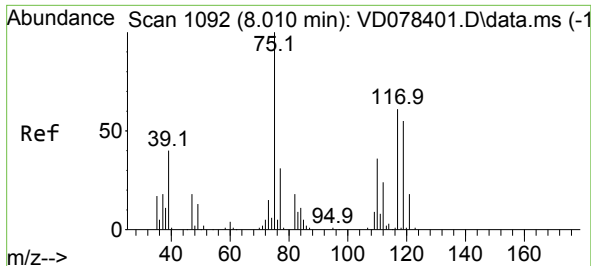
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 16.9 16.8 25.2

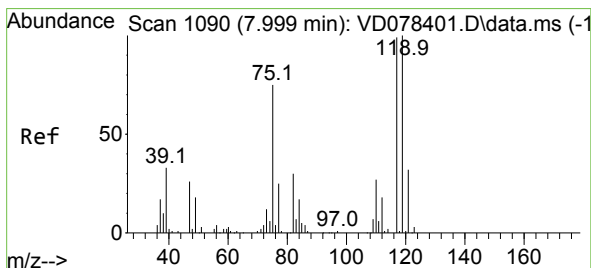
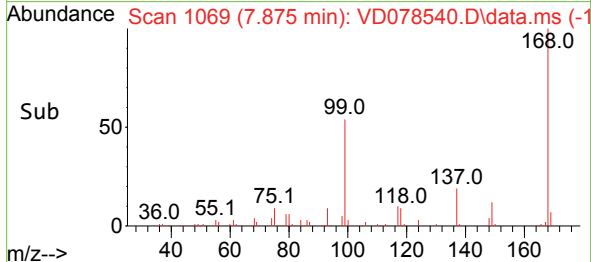
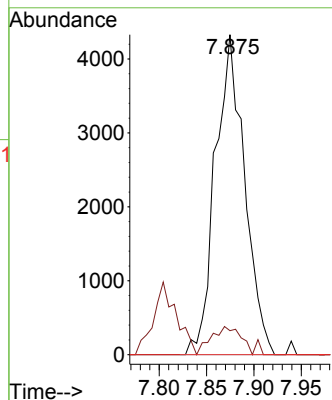
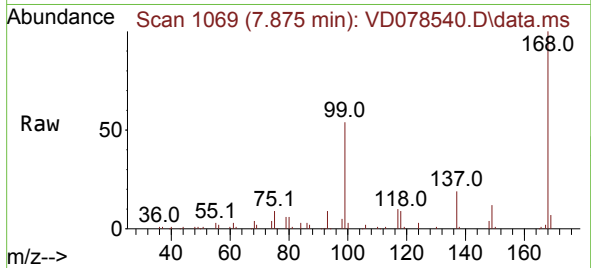




#36
 1,1-Dichloropropene
 Concen: 4.452 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.136 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

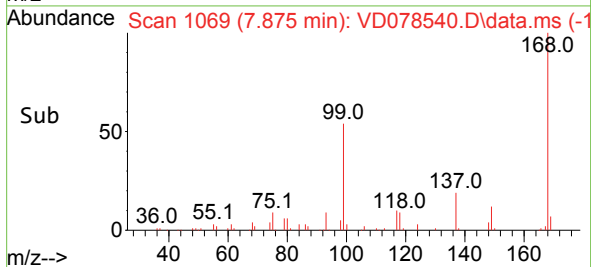
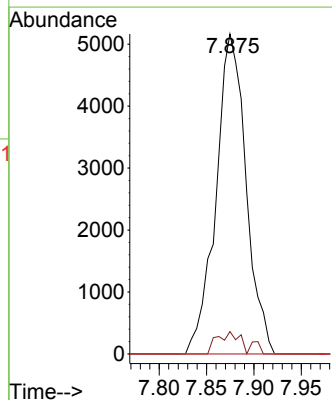
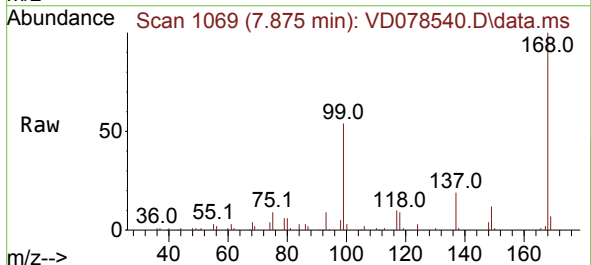
Instrument :
 MSVOA_D
 ClientSampleId :
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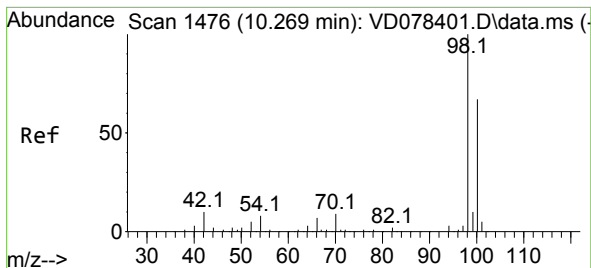
Tgt Ion: 75 Resp: 9322
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.9 59.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.515 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.124 min
 Lab File: VD078540.D
 Acq: 23 Feb 2024 17:10

Tgt Ion: 117 Resp: 11438
 Ion Ratio Lower Upper
 117 100
 119 7.0 78.0 117.0#
 121 0.0 24.2 36.2#

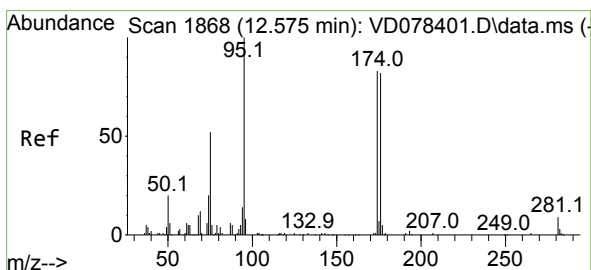
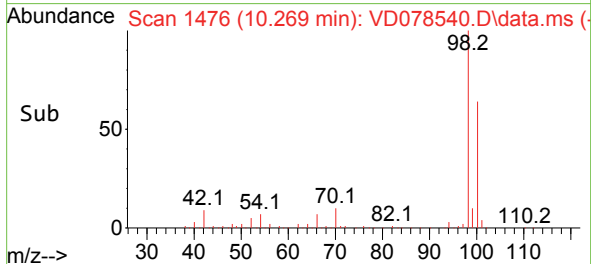
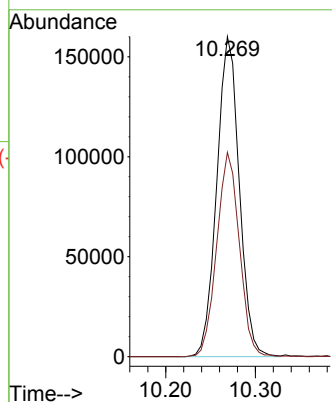
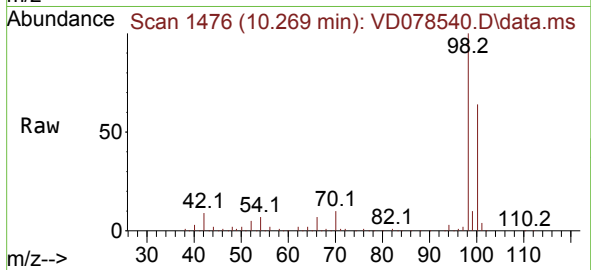




#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

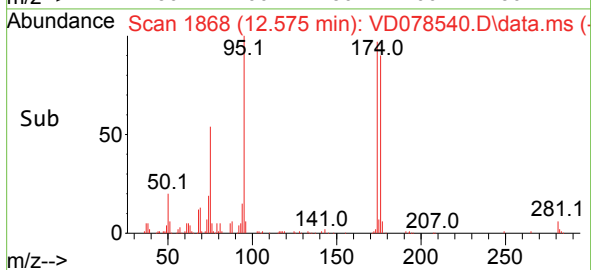
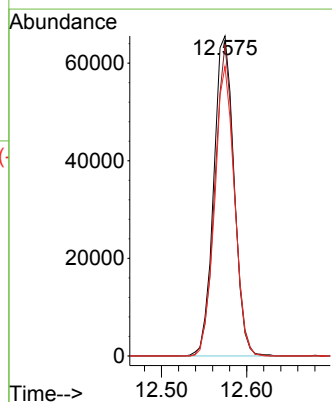
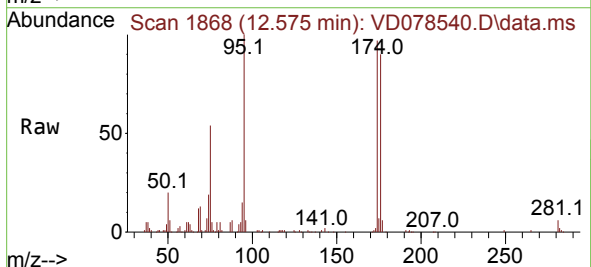
Instrument :
MSVOA_D
ClientSampleId :
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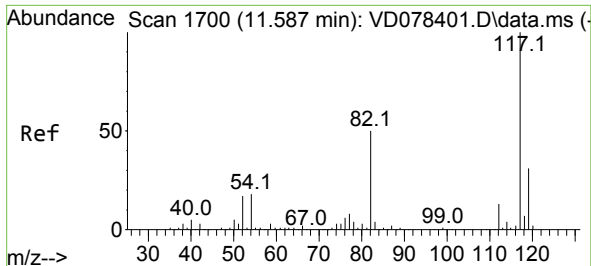
Tgt Ion: 98 Resp: 278740
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 95 Resp: 108631
Ion Ratio Lower Upper
95 100
174 92.9 0.0 201.8
176 88.3 0.0 191.8

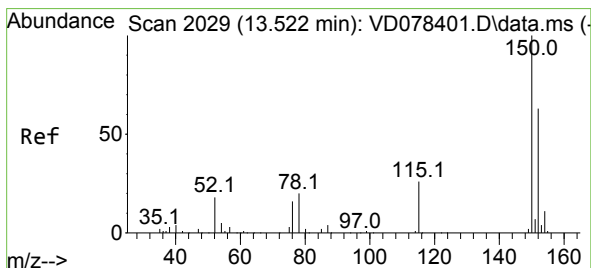
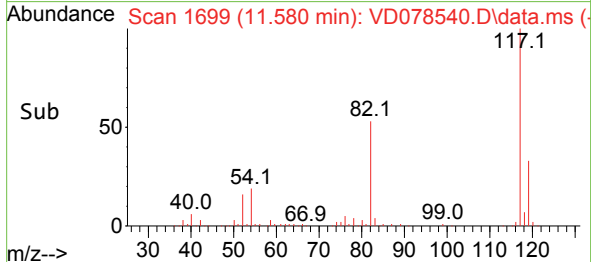
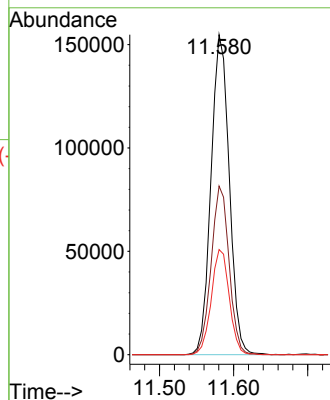
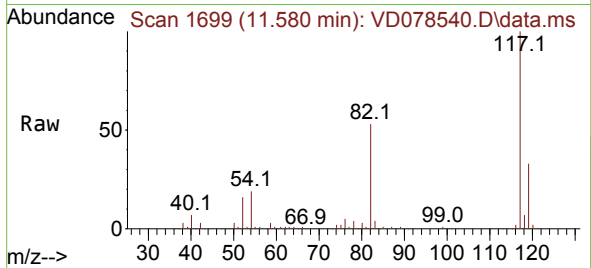




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

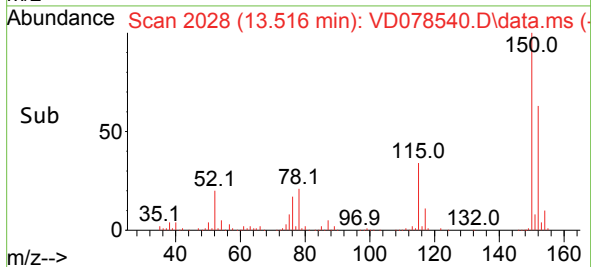
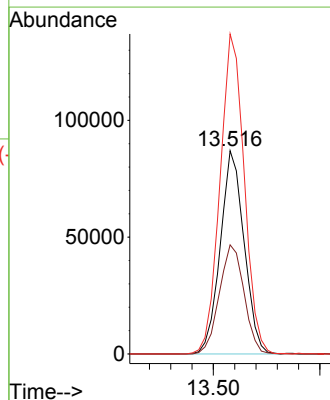
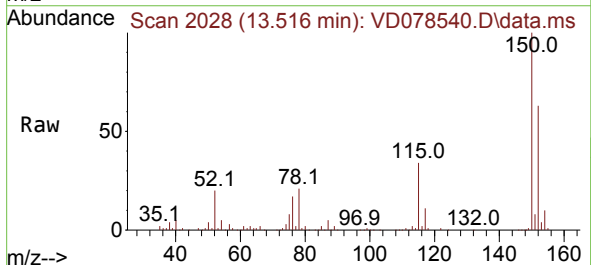
Instrument :
MSVOA_D
ClientSampleId :
4

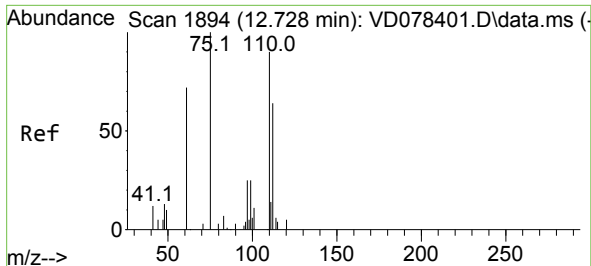
Tgt Ion:117 Resp: 264784
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion:152 Resp: 135021
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 159.9 0.0 353.6

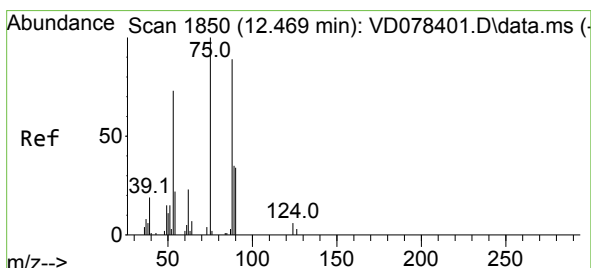
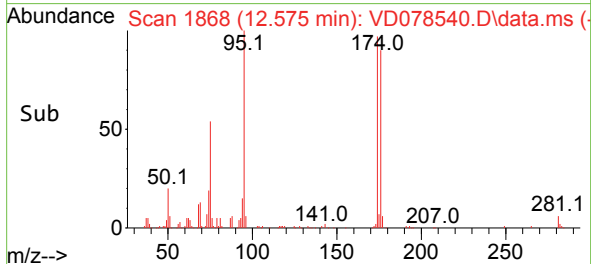
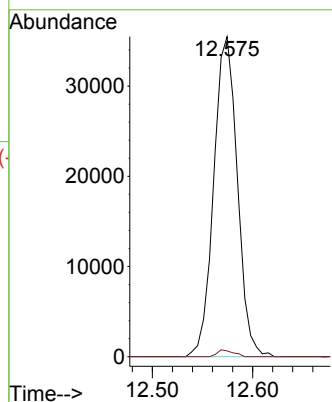
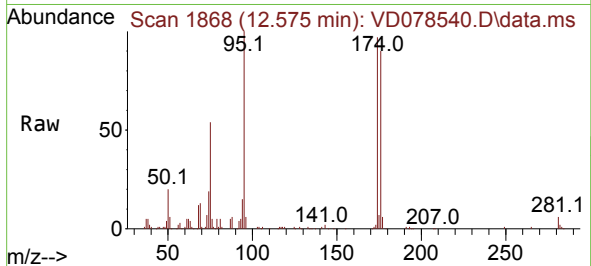




#76
1,2,3-Trichloropropane
Concen: 50.620 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Instrument :
MSVOA_D
ClientSampleId :
4

Tgt Ion: 75 Resp: 58025
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.088 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078540.D
Acq: 23 Feb 2024 17:10

Tgt Ion: 75 Resp: 58025
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

