

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078530.D
 Acq On : 23 Feb 2024 11:11
 Operator : RP/MD
 Sample : VD0223SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

Quant Time: Feb 24 00:19:27 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)

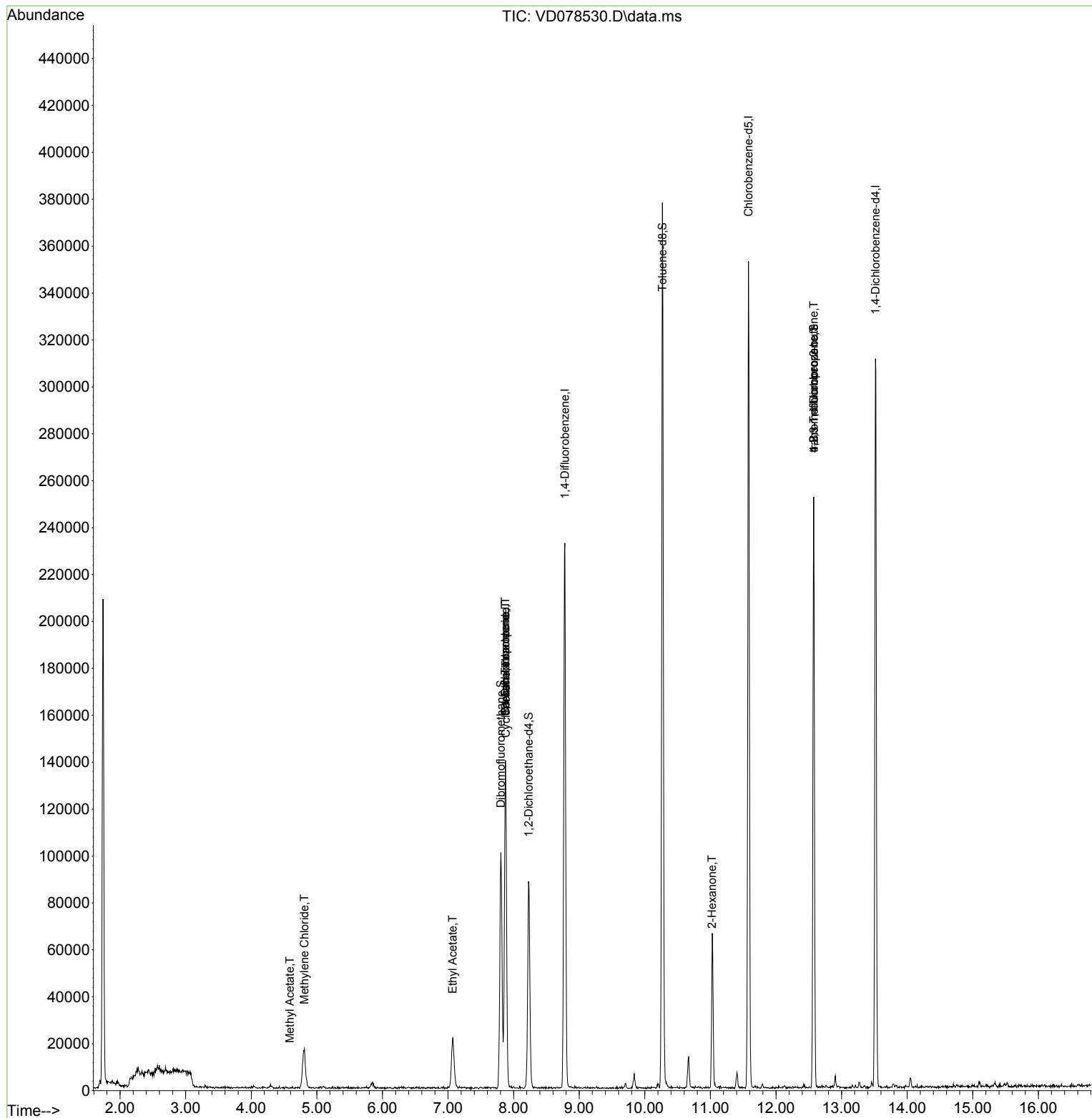
Internal Standards						
1) Pentafluorobenzene	7.875	168	108523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66662	56.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.620%			
35) Dibromofluoromethane	7.805	113	73669	53.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.040%			
50) Toluene-d8	10.269	98	261802	47.547	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.100%			
62) 4-Bromofluorobenzene	12.575	95	70842	44.212	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.420%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.064	59	119	Below Cal	#	73
16) Acetone	4.040	43	1253	Below Cal	#	32
18) Methyl Acetate	4.587	43	55	4.000	ug/l #	42
20) Methylene Chloride	4.811	84	13618	7.627	ug/l	91
25) 2-Butanone	7.069	43	1000	Below Cal	#	37
31) Cyclohexane	7.881	56	2260	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9246	4.324	ug/l #	47
37) Ethyl Acetate	7.069	43	1000	1.334	ug/l #	1
38) Carbon Tetrachloride	7.875	117	10668	5.038	ug/l #	15
59) 2-Hexanone	11.022	43	567	1.024	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	38437	51.442	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38437	106.794	ug/l #	17

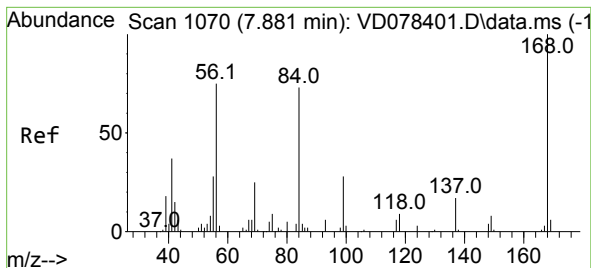
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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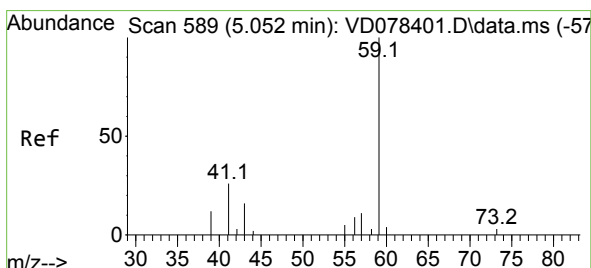
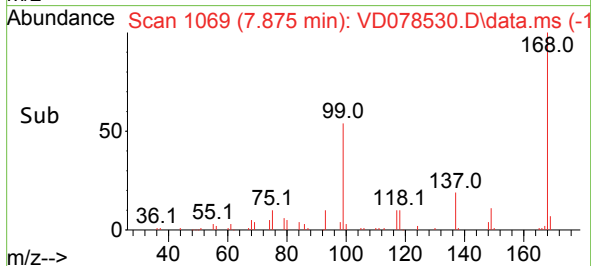
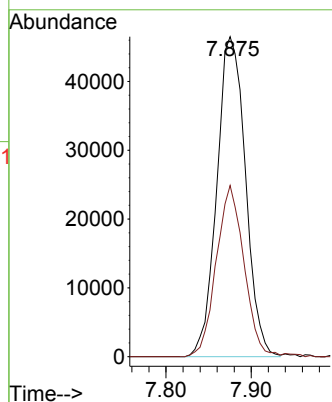
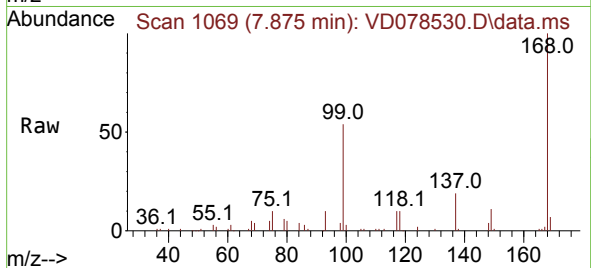




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

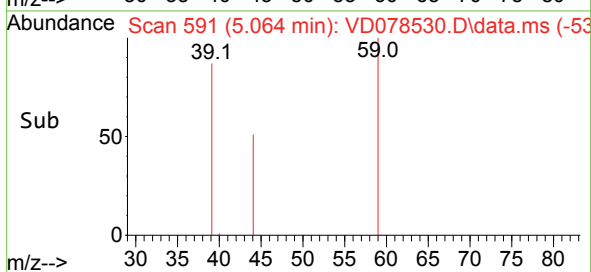
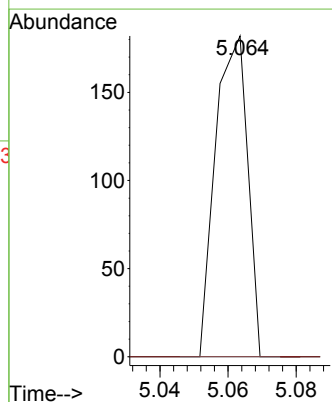
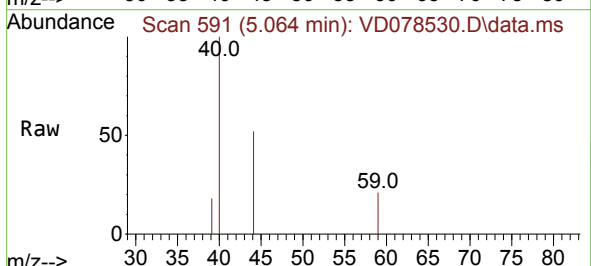
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

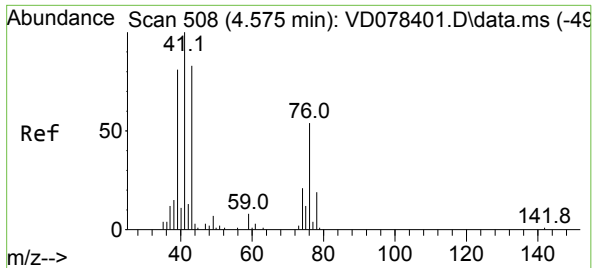
Tgt Ion:168 Resp: 108523
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

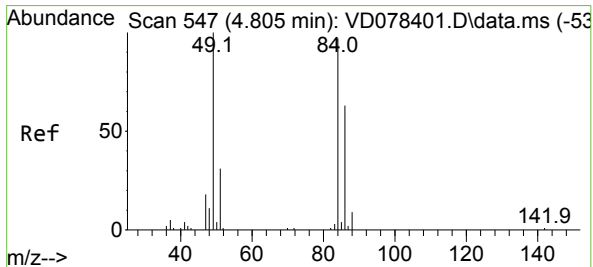
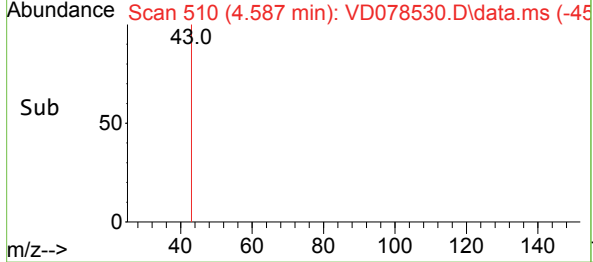
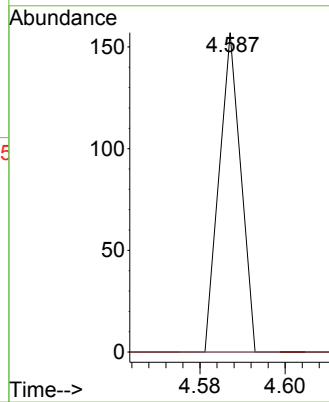
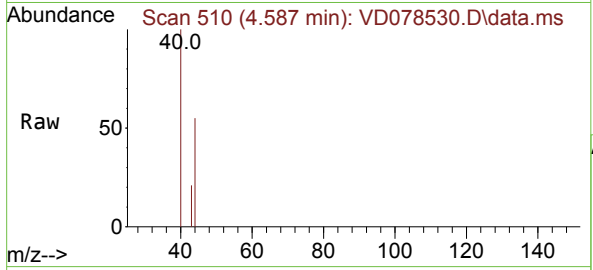




#18
Methyl Acetate
Concen: 4.000 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

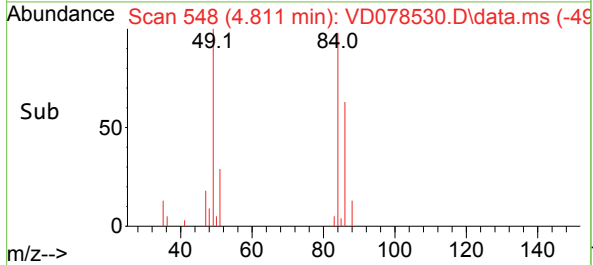
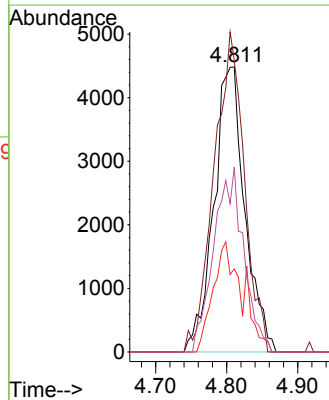
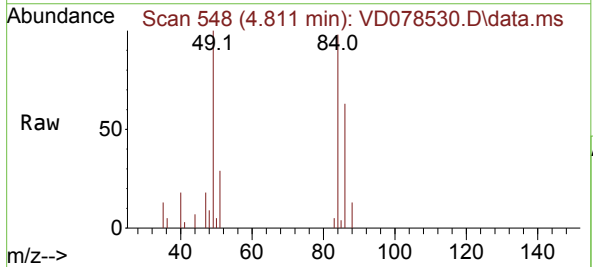
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

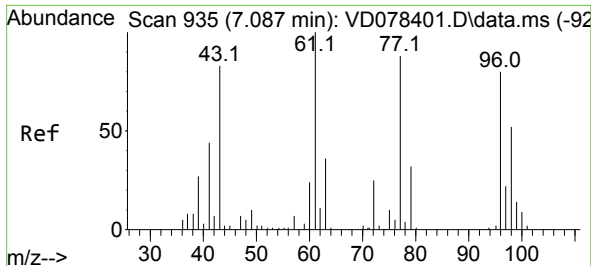
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 7.627 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 84 Resp: 13618
Ion Ratio Lower Upper
84 100
49 102.2 71.4 107.2
51 29.1 24.5 36.7
86 64.9 48.7 73.1

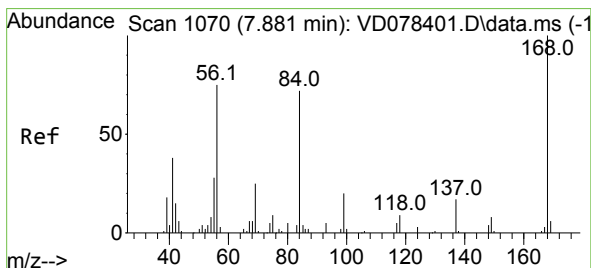
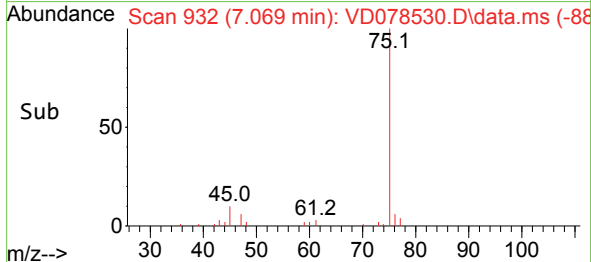
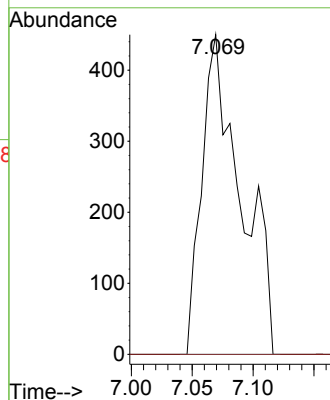
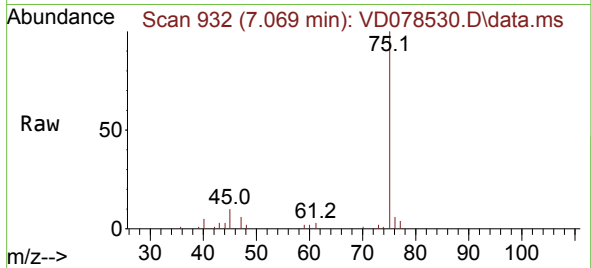




#25
2-Butanone
Concen: Below Cal
RT: 7.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

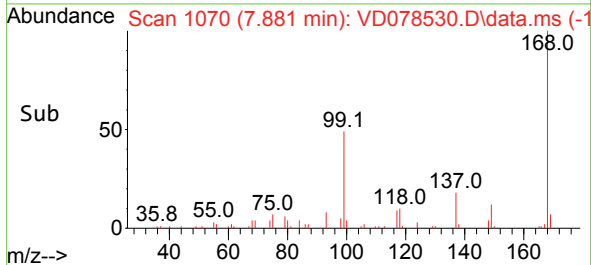
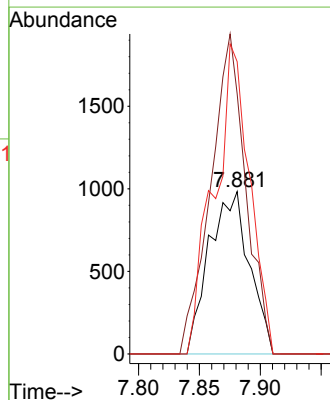
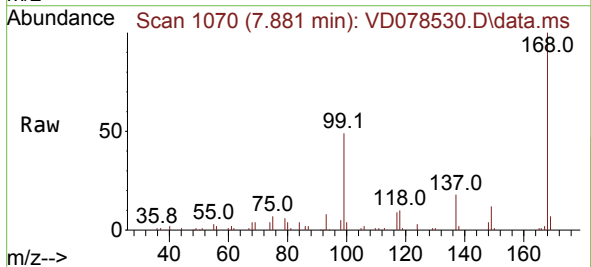
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

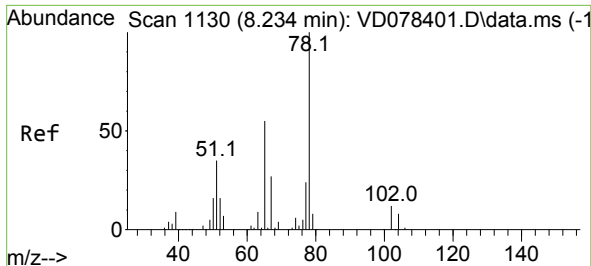
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 56 Resp: 2260
Ion Ratio Lower Upper
56 100
69 160.2 28.6 43.0#
84 179.9 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 56.811 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078530.D

Acq: 23 Feb 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

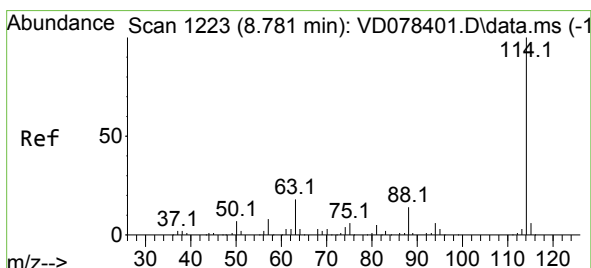
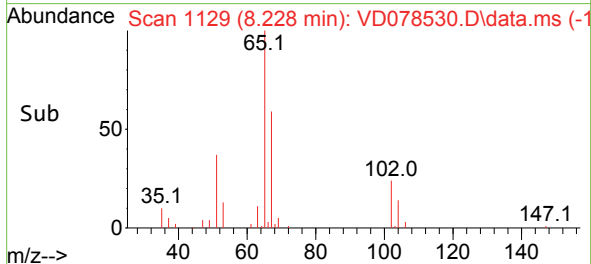
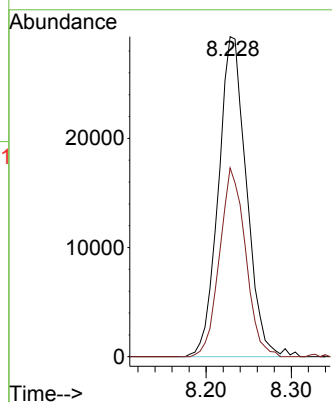
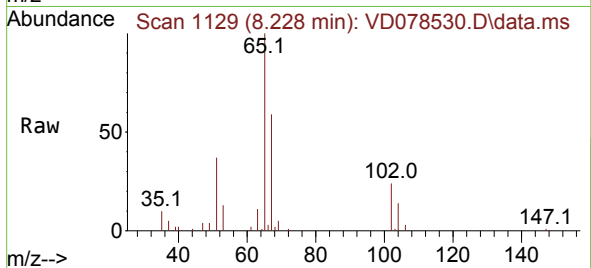
VD0223SBL01

Tgt Ion: 65 Resp: 66662

Ion Ratio Lower Upper

65 100

67 54.9 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: VD078530.D

Acq: 23 Feb 2024 11:11

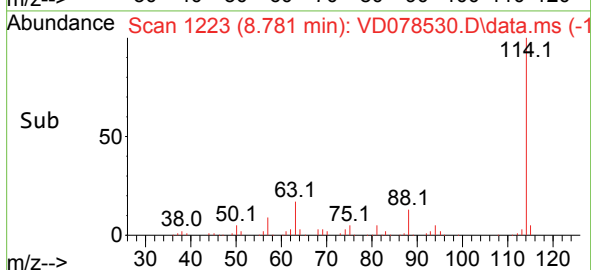
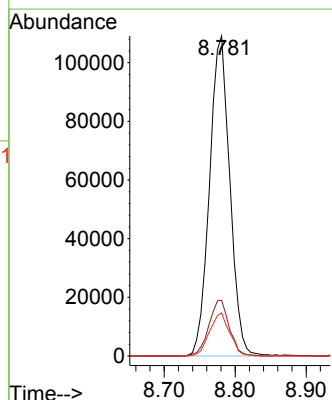
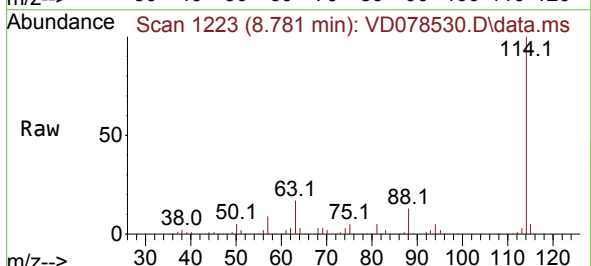
Tgt Ion: 114 Resp: 216690

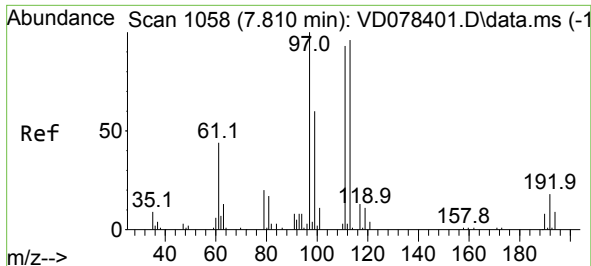
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

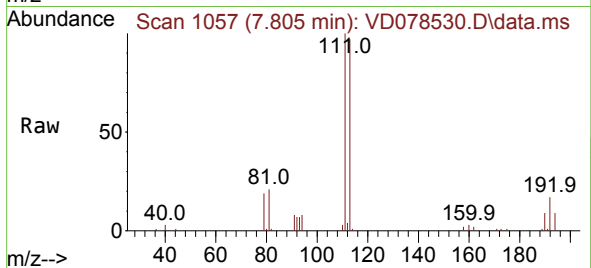
88 13.5 0.0 26.2



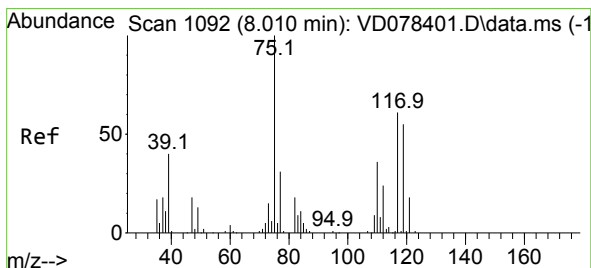
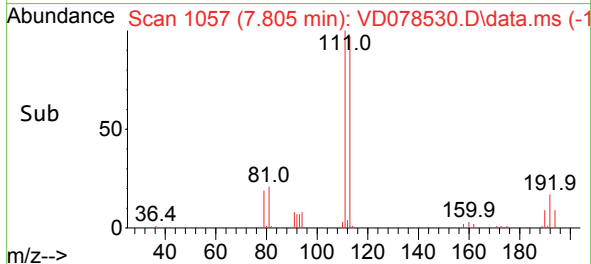
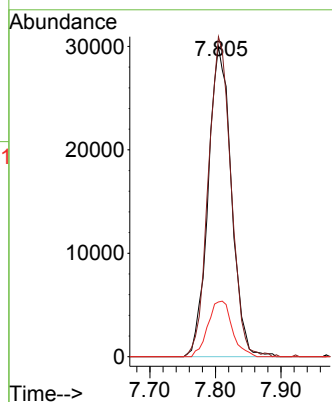


#35
 Dibromofluoromethane
 Concen: 53.521 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

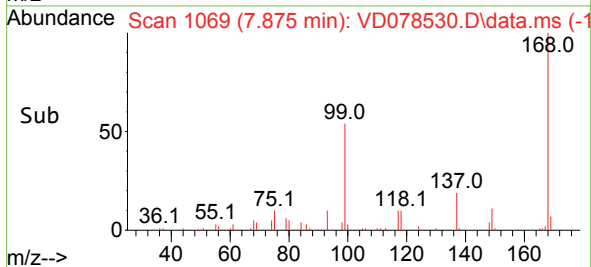
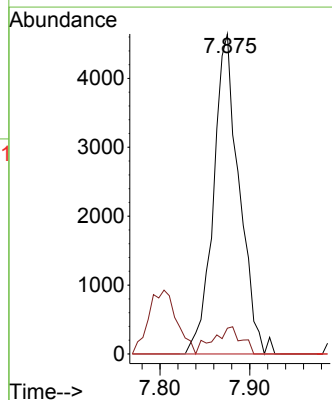
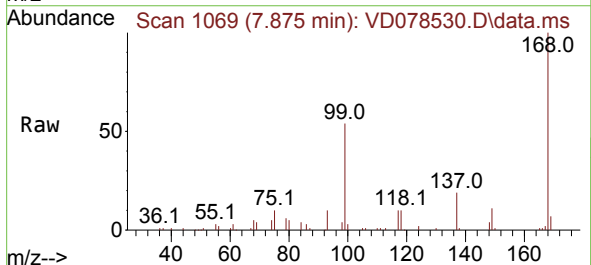


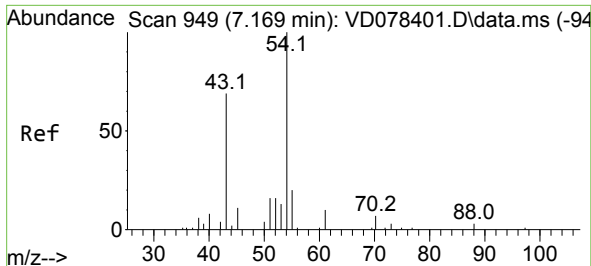
Tgt Ion:113 Resp: 73669
 Ion Ratio Lower Upper
 113 100
 111 100.9 84.7 127.1
 192 18.7 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.324 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Tgt Ion: 75 Resp: 9246
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.9 59.6#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.334 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.100 min

Lab File: VD078530.D

Acq: 23 Feb 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

VD0223SBL01

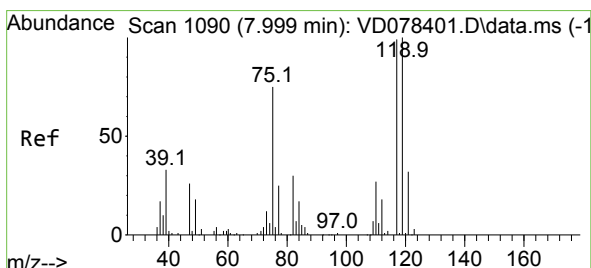
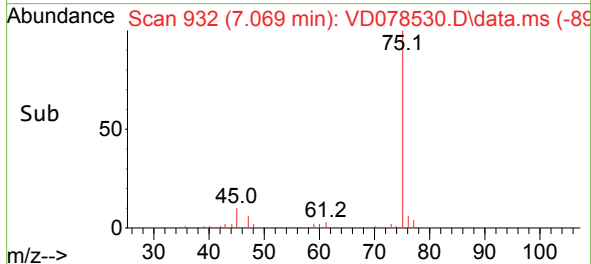
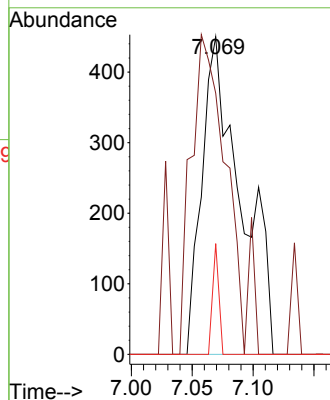
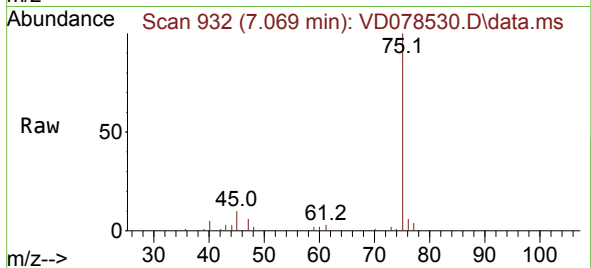
Tgt Ion: 43 Resp: 1000

Ion Ratio Lower Upper

43 100

61 88.0 14.9 22.3#

70 5.5 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.038 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD078530.D

Acq: 23 Feb 2024 11:11

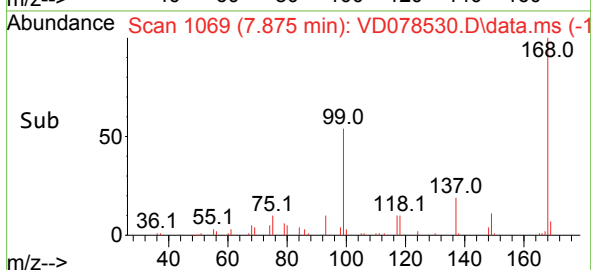
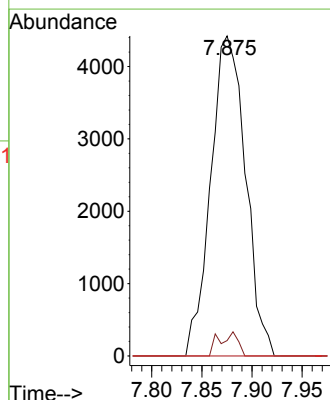
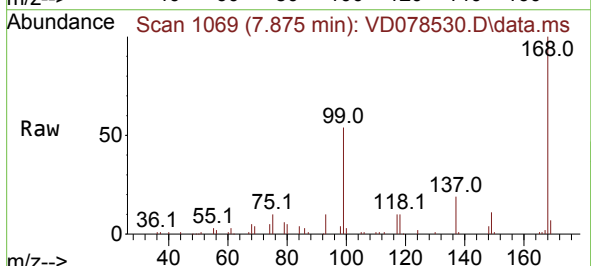
Tgt Ion: 117 Resp: 10668

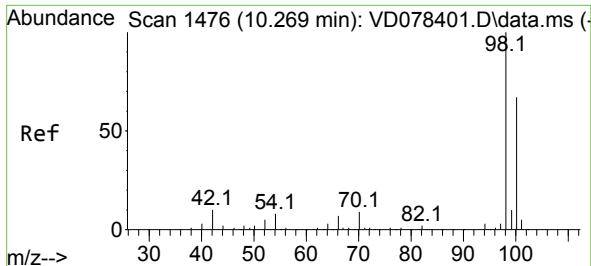
Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 24.2 36.2#

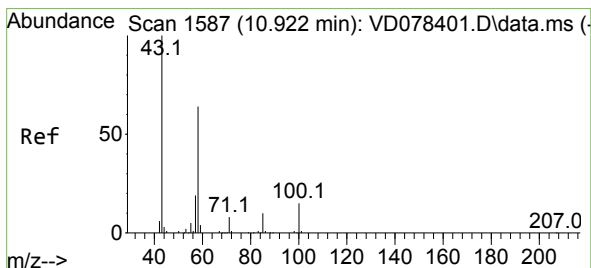
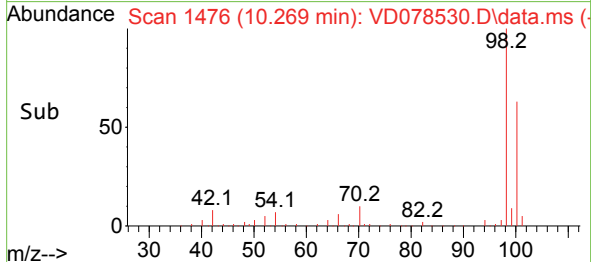
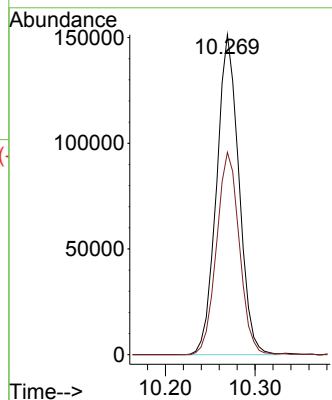
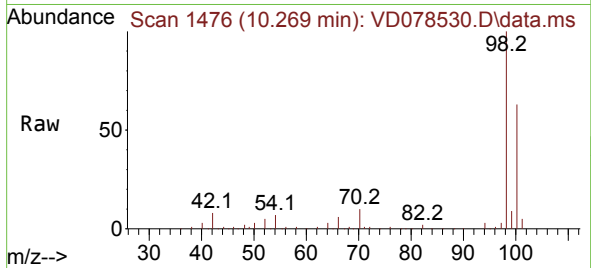




#50
Toluene-d8
Concen: 47.547 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

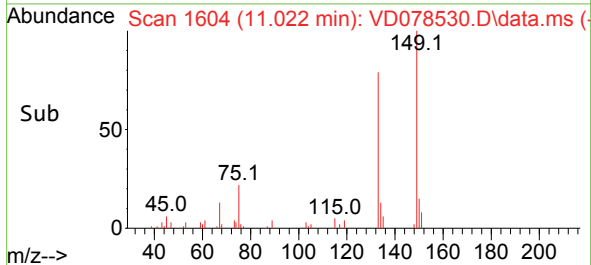
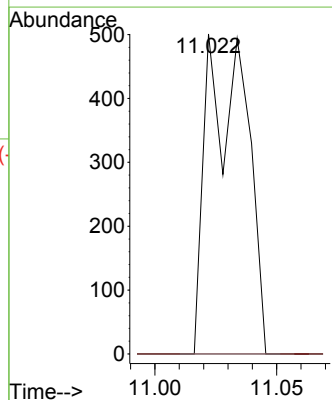
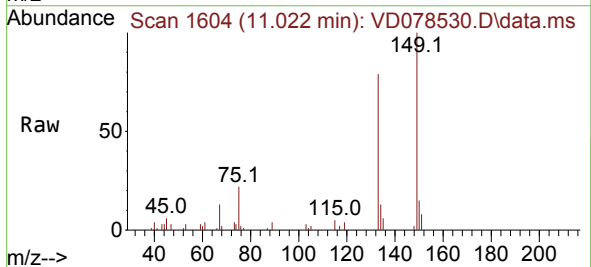
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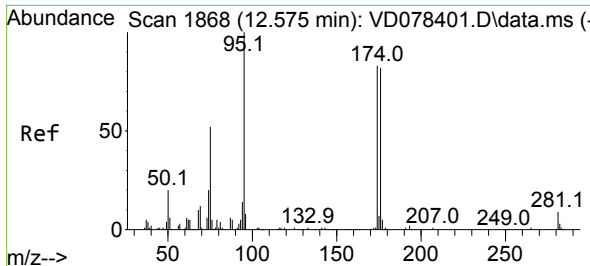
Tgt Ion: 98 Resp: 261802
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#59
2-Hexanone
Concen: 1.024 ug/l
RT: 11.022 min Scan# 1604
Delta R.T. 0.100 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#

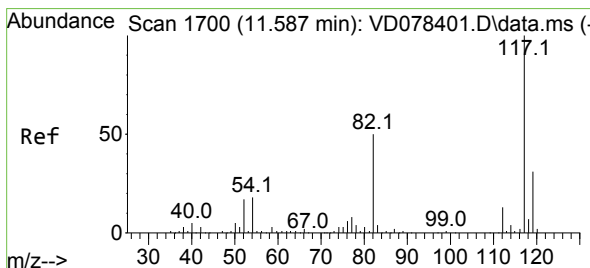
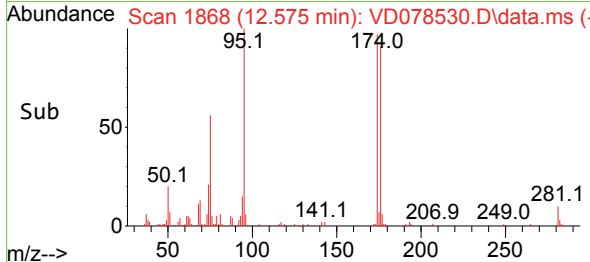
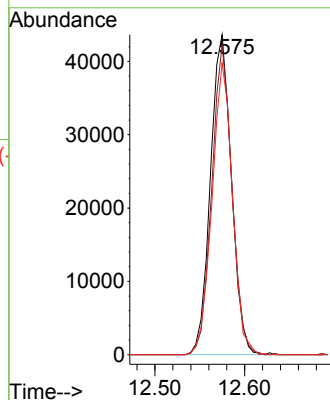
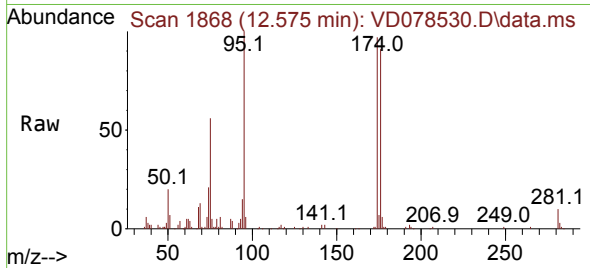




#62
4-Bromofluorobenzene
Concen: 44.212 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

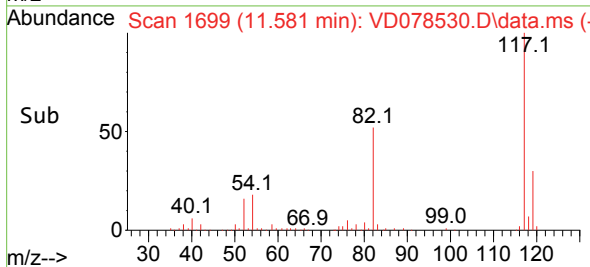
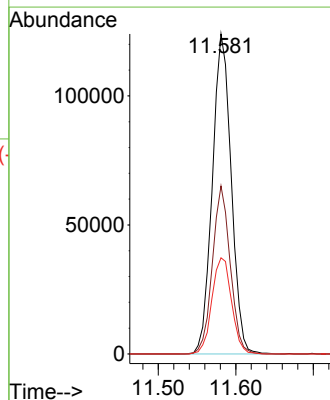
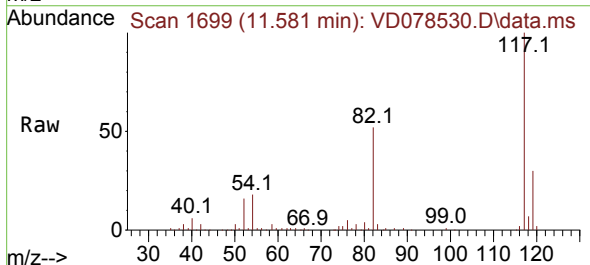
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

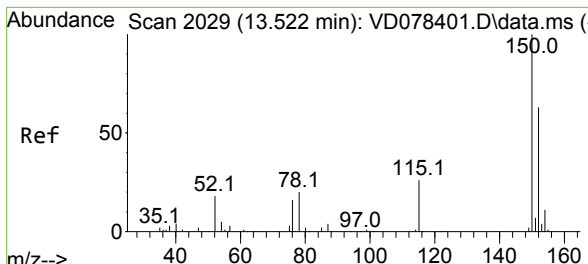
Tgt Ion: 95 Resp: 70842
Ion Ratio Lower Upper
95 100
174 93.0 0.0 201.8
176 88.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 117 Resp: 209979
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 30.0 25.0 37.4

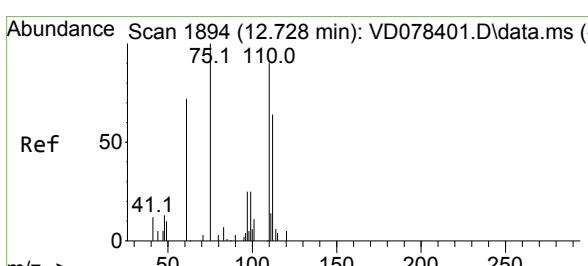
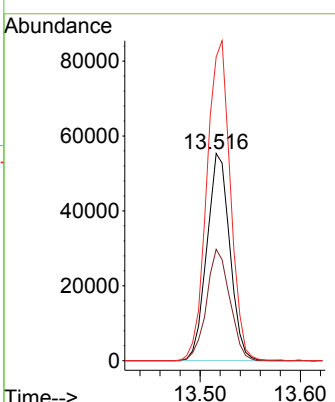
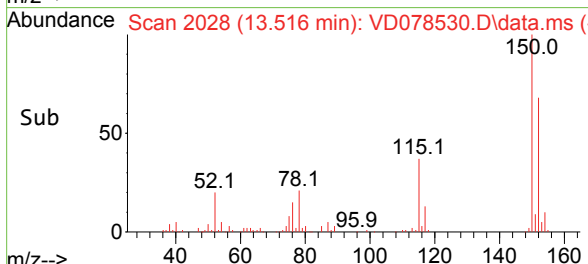
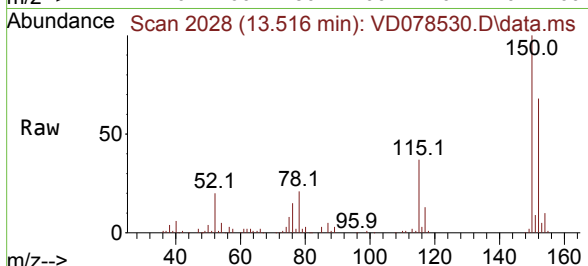




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

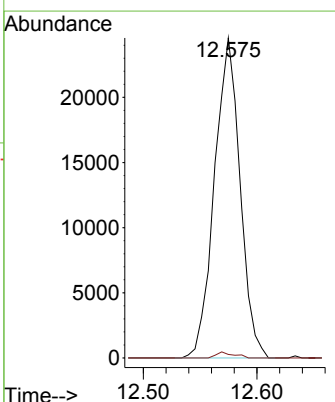
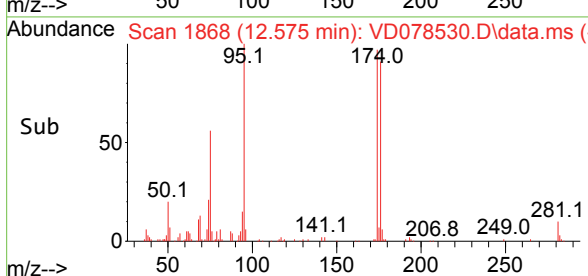
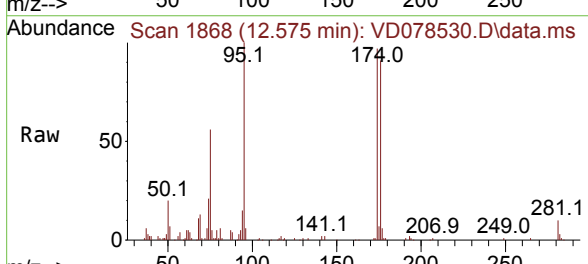
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

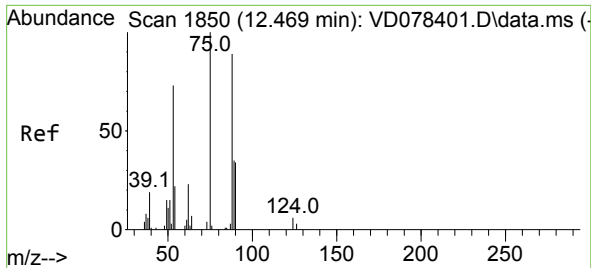
Tgt Ion:	152	Resp:	88012
Ion Ratio	Lower	Upper	
152	100		
115	54.6	27.1	81.3
150	158.1	0.0	353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.442 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Tgt Ion:	75	Resp:	38437
Ion Ratio	Lower	Upper	
75	100		
77	1.3	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.794 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

Tgt Ion: 75 Resp: 38437
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

