

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078988.D
 Acq On : 22 May 2024 19:16
 Operator : RP/MD
 Sample : P2555-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:07:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

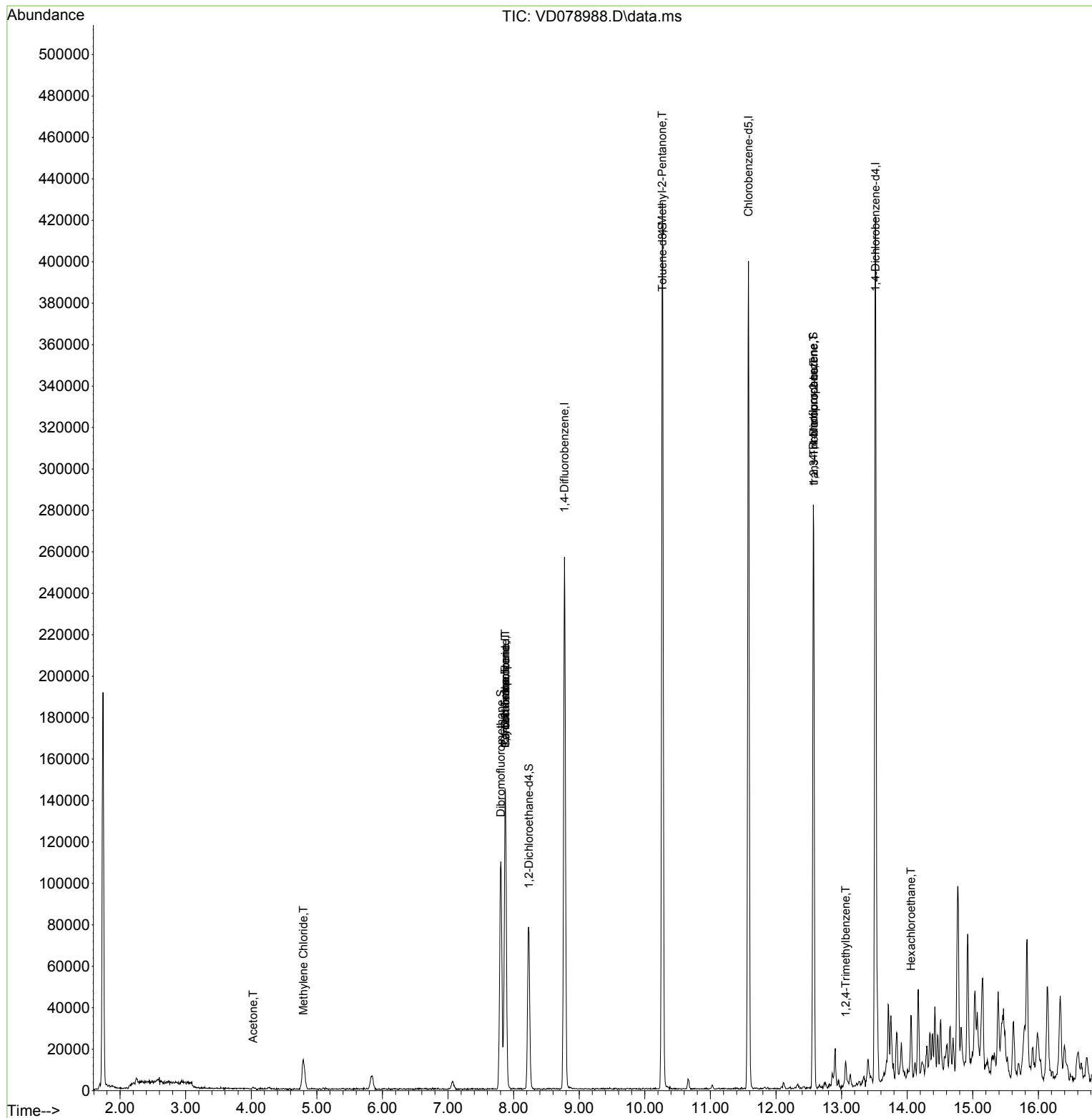
Internal Standards						
1) Pentafluorobenzene	7.875	168	116244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63418	58.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.320%	
35) Dibromofluoromethane	7.805	113	82460	51.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.269	98	301168	50.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.569	95	84453	50.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	252	Below Cal	#	40
16) Acetone	4.028	43	877	5.044	ug/l #	81
17) Carbon Disulfide	4.264	76	1230	Below Cal	#	76
20) Methylene Chloride	4.793	84	12210	3.381	ug/l	93
31) Cyclohexane	7.869	56	2381	1.495	ug/l #	32
36) 1,1-Dichloropropene	7.875	75	8904	4.472	ug/l #	42
38) Carbon Tetrachloride	7.875	117	10914	4.684	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	1065	1.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42065	50.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42065	99.389	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.063	105	8560	1.398	ug/l	74
90) Hexachloroethane	14.057	117	1727	1.205	ug/l #	13

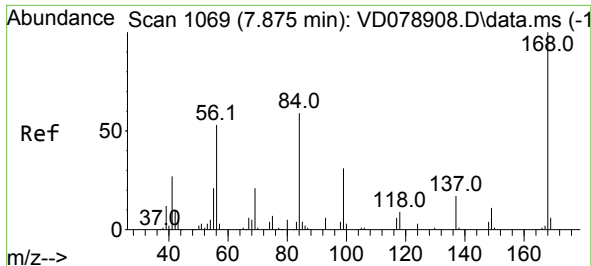
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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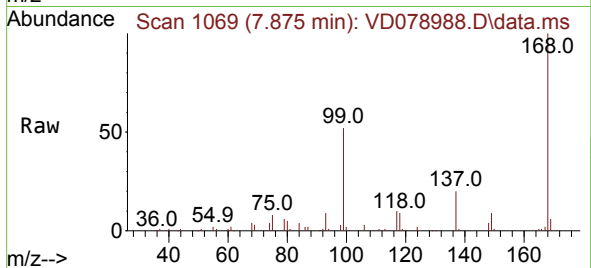
Quant Time: May 23 06:07:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
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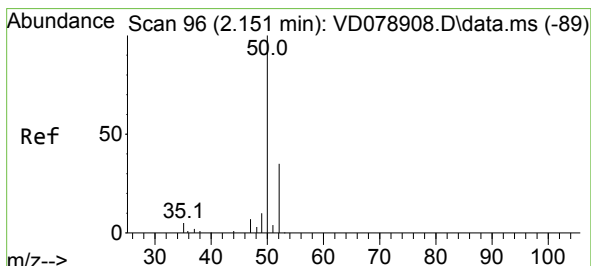
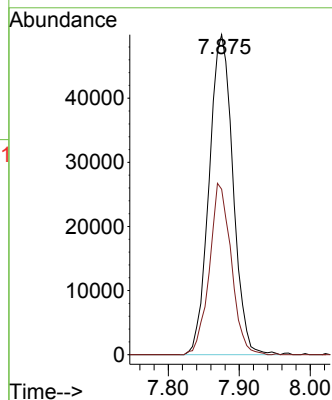
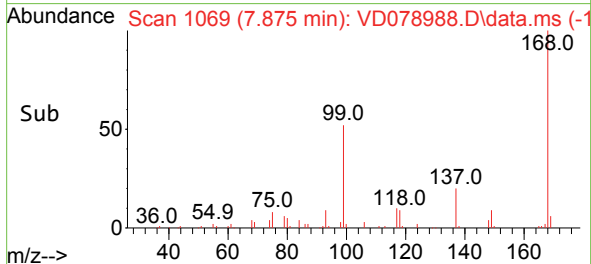


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Instrument :
MSVOA_D
ClientSampleId :

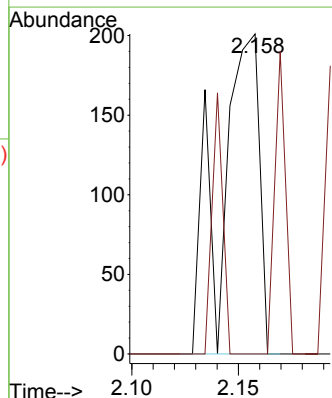
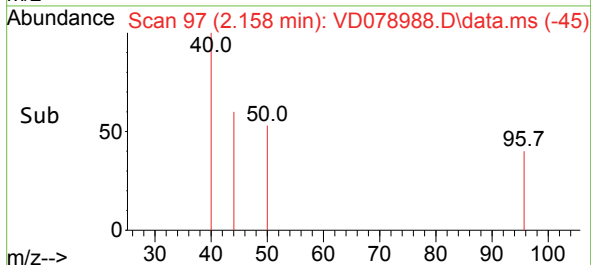
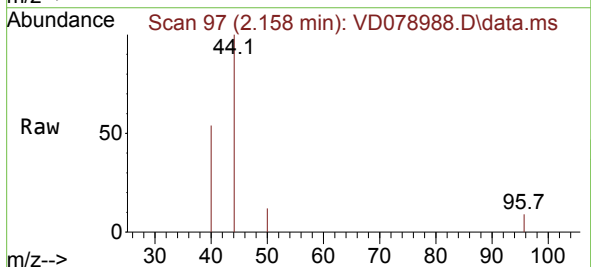


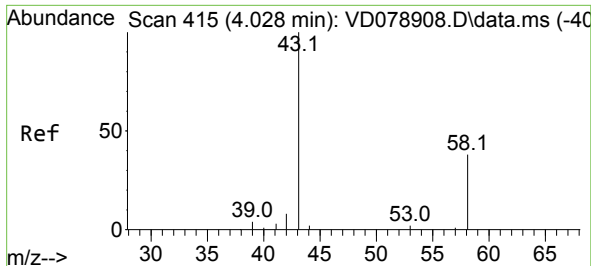
Tgt Ion:168 Resp: 116244
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.007 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#





#16

Acetone

Concen: 5.044 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

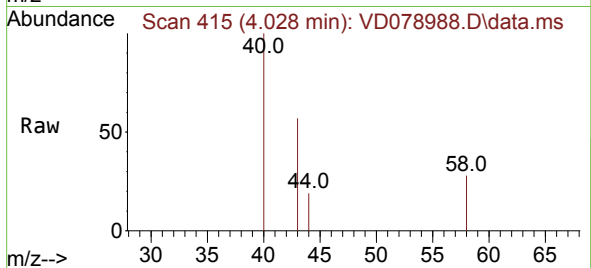
Lab File: VD078988.D

Acq: 22 May 2024 19:16

Instrument :

MSVOA_D

ClientSampleId :

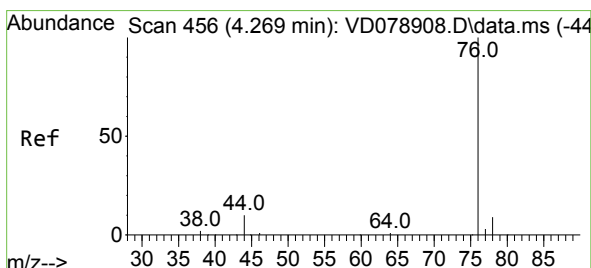
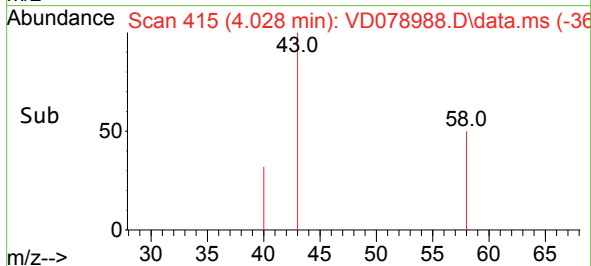
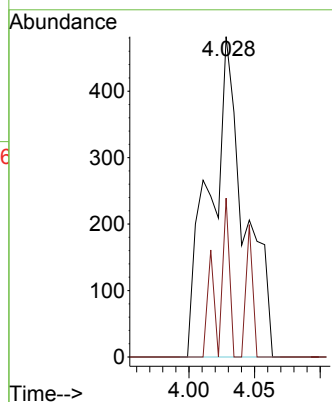


Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

58 49.6 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.264 min Scan# 455

Delta R.T. -0.005 min

Lab File: VD078988.D

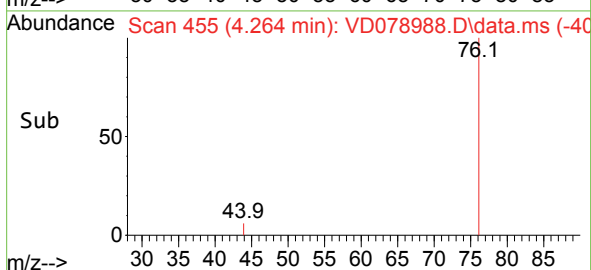
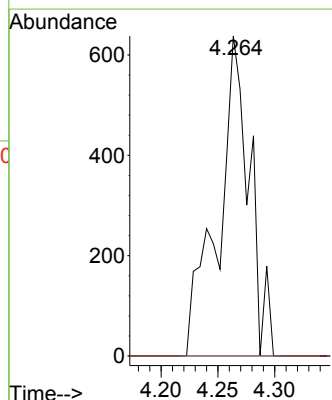
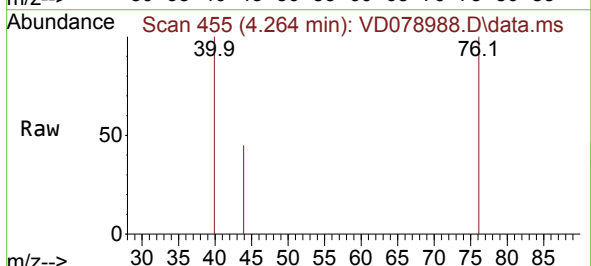
Acq: 22 May 2024 19:16

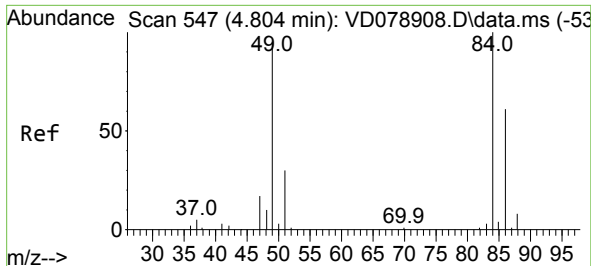
Tgt Ion: 76 Resp: 1230

Ion Ratio Lower Upper

76 100

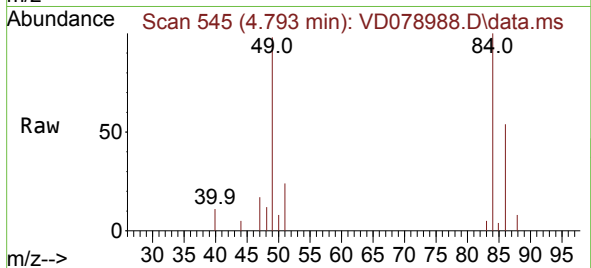
78 0.0 6.9 10.3#





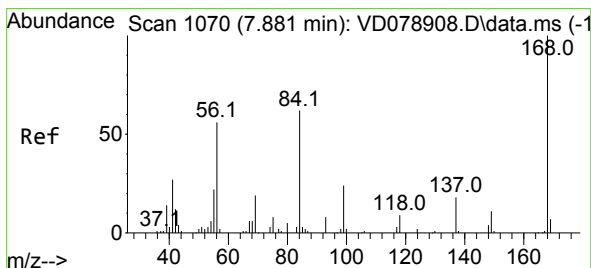
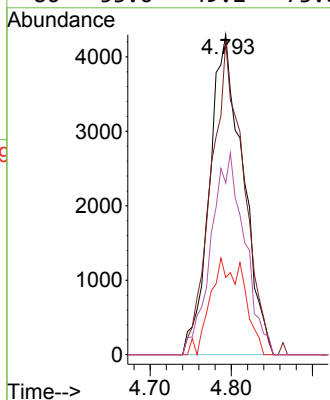
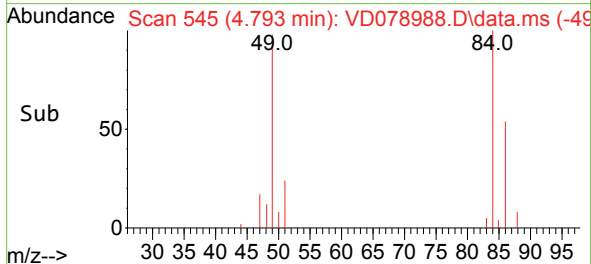
#20
Methylene Chloride
Concen: 3.381 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 12210

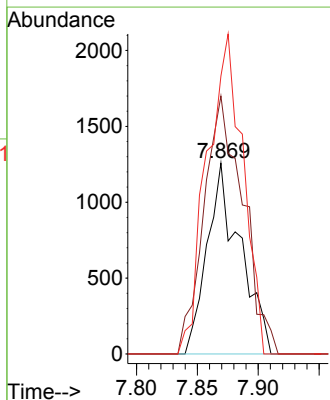
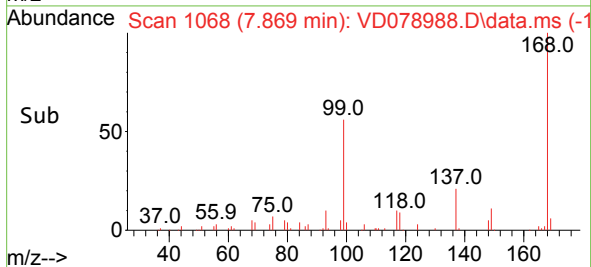
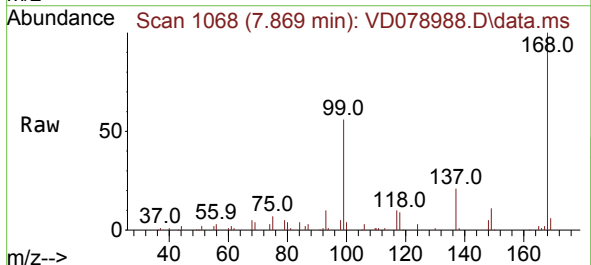
Ion	Ratio	Lower	Upper
84	100		
49	98.0	75.6	113.4
51	24.2	24.2	36.2
86	53.6	49.2	73.8

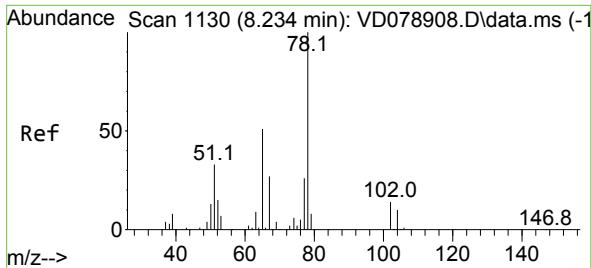


#31
Cyclohexane
Concen: 1.495 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion: 56 Resp: 2381

Ion	Ratio	Lower	Upper
56	100		
69	135.1	28.0	42.0#
84	145.6	87.4	131.0#

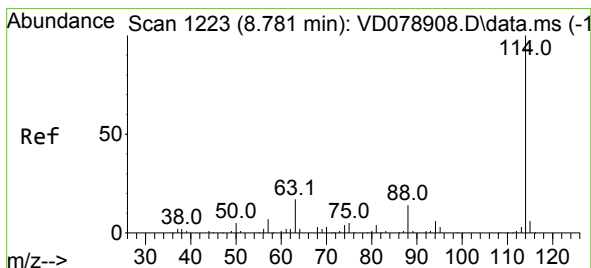
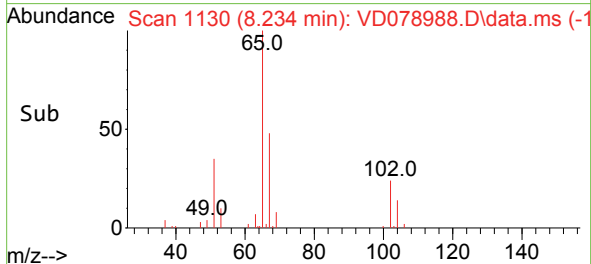
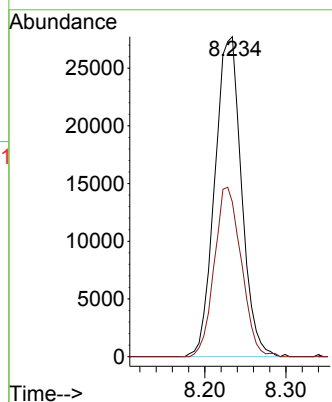
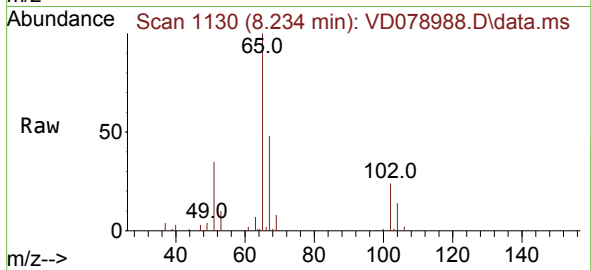




#33
1,2-Dichloroethane-d4
Concen: 58.162 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

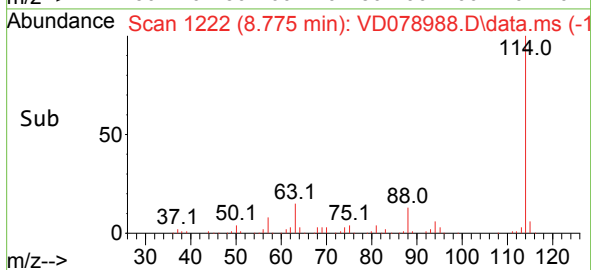
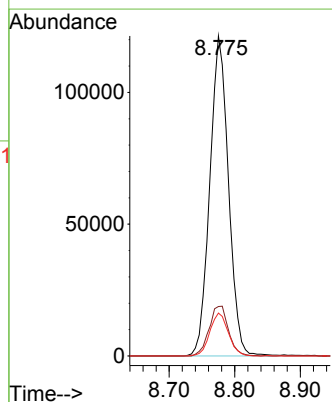
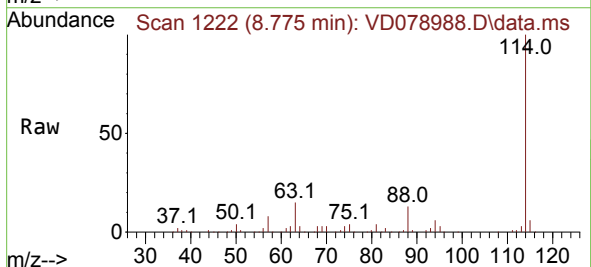
Instrument :
MSVOA_D
ClientSampleId :

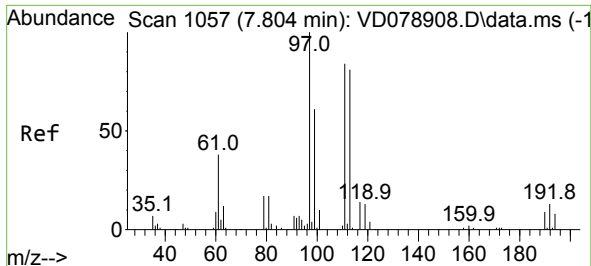
Tgt Ion: 65 Resp: 63418
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.005 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

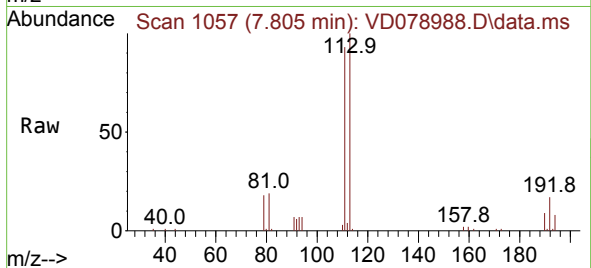
Tgt Ion: 114 Resp: 240356
Ion Ratio Lower Upper
114 100
63 15.4 0.0 34.0
88 13.4 0.0 27.2



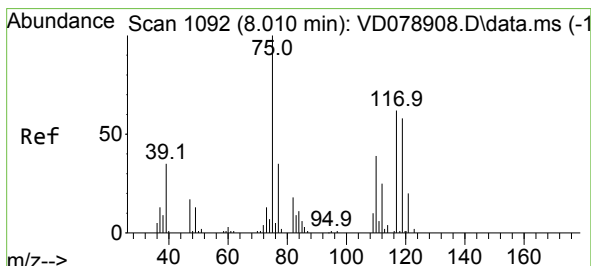
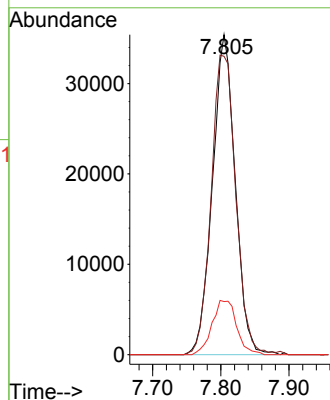
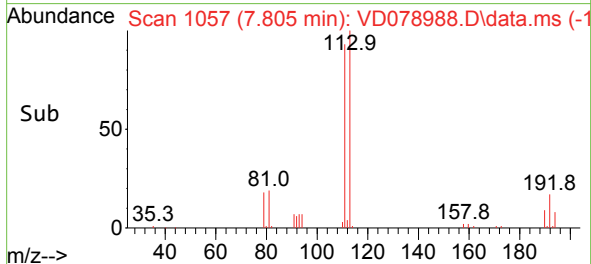


#35
Dibromofluoromethane
Concen: 51.538 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Instrument :
MSVOA_D
ClientSampleId :

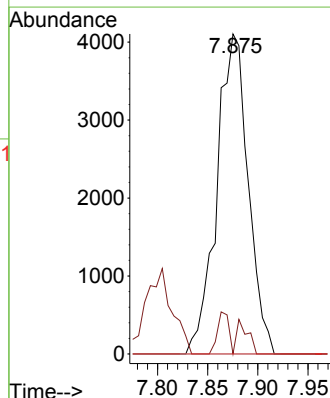
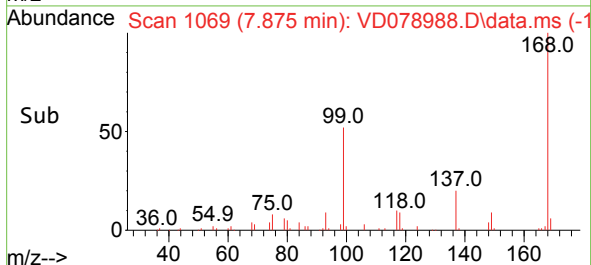
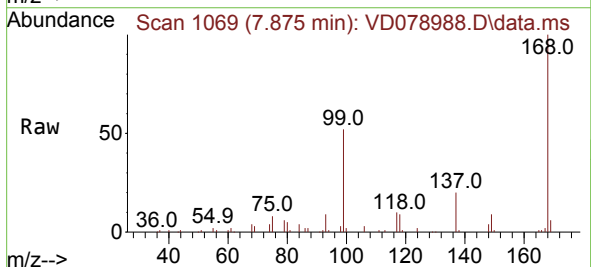


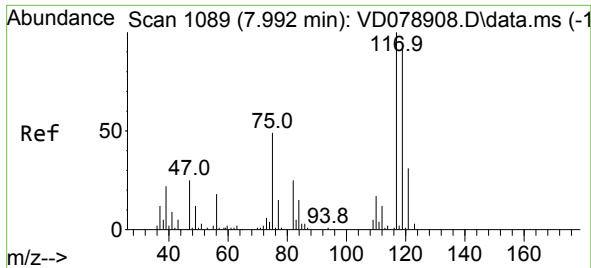
Tgt Ion:113 Resp: 82460
Ion Ratio Lower Upper
113 100
111 101.0 84.0 126.0
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

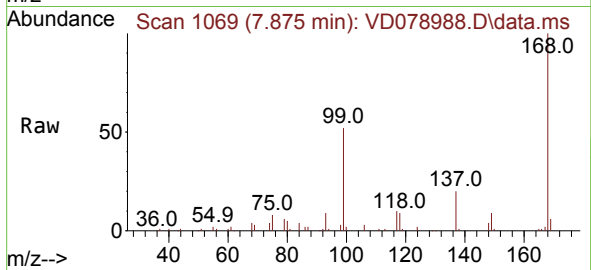
Tgt Ion: 75 Resp: 8904
Ion Ratio Lower Upper
75 100
110 3.8 19.6 58.7#
77 0.0 26.1 39.1#



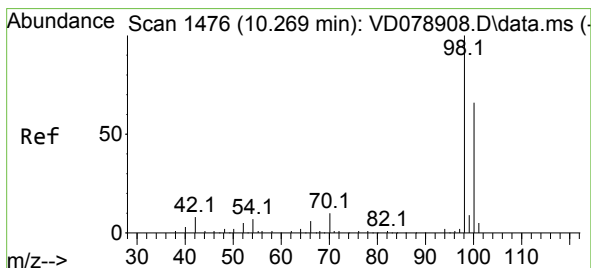
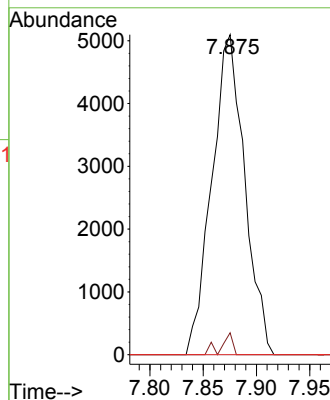
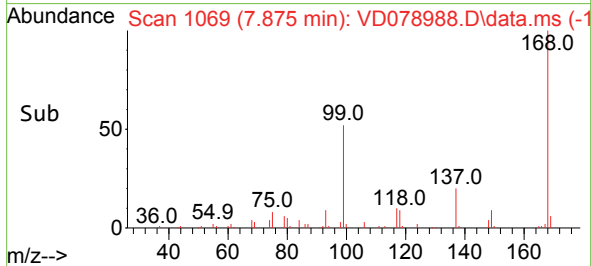


#38
Carbon Tetrachloride
Concen: 4.684 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Instrument :
MSVOA_D
ClientSampleId :

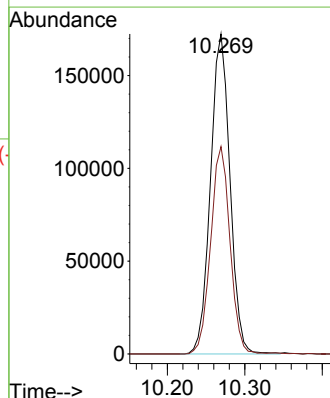
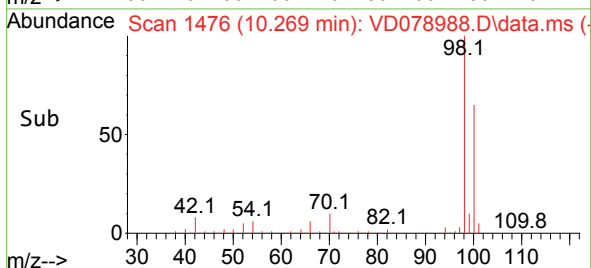
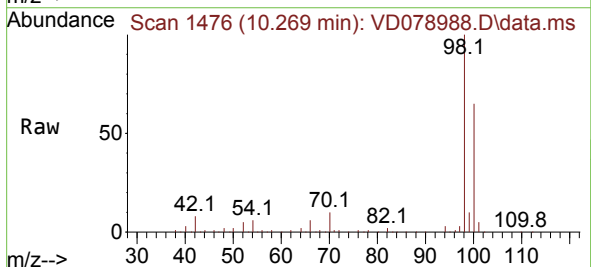


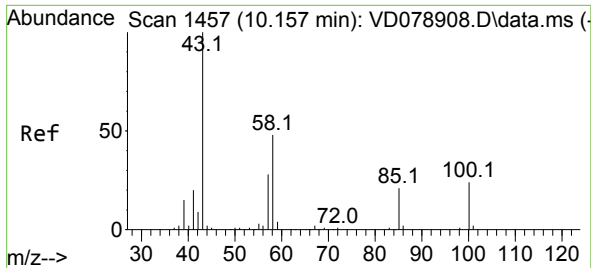
Tgt Ion:117 Resp: 10914
Ion Ratio Lower Upper
117 100
119 6.9 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.211 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion: 98 Resp: 301168
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

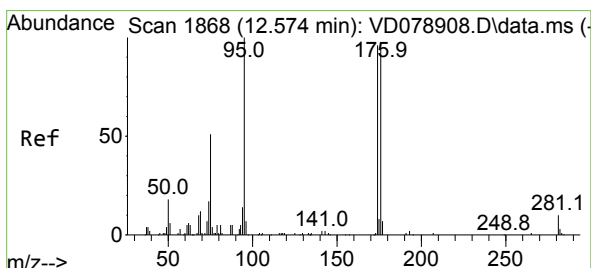
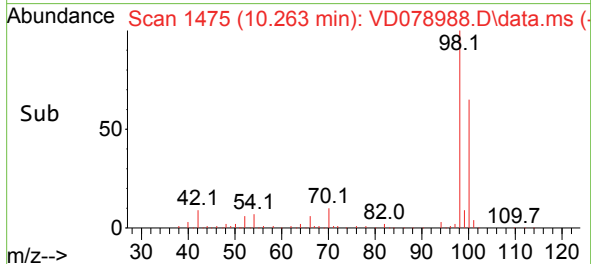
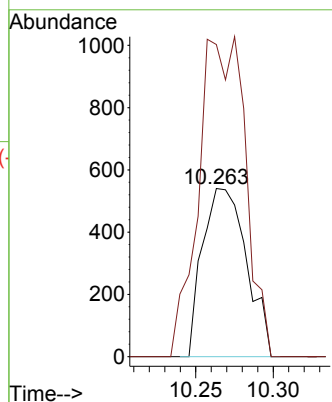
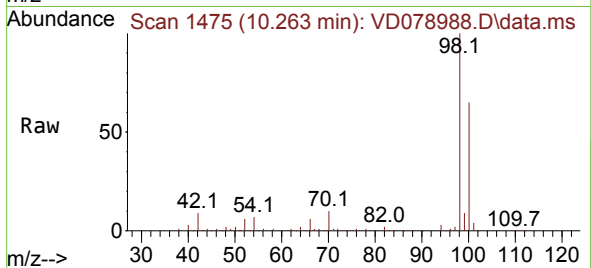




#51
4-Methyl-2-Pentanone
Concen: 1.661 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

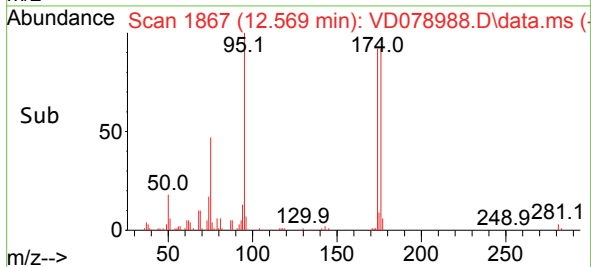
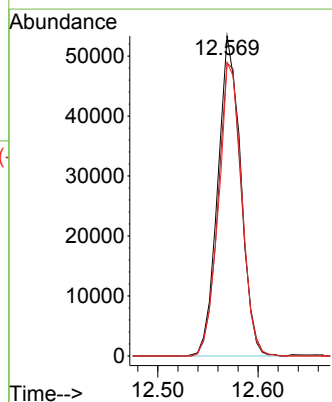
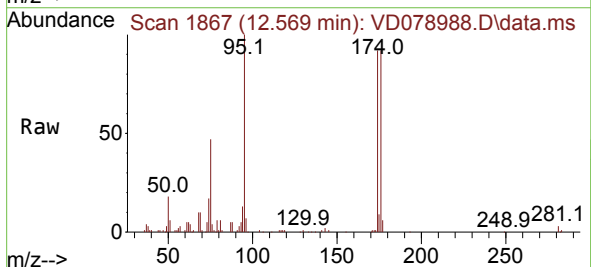
Instrument :
MSVOA_D
ClientSampleId :

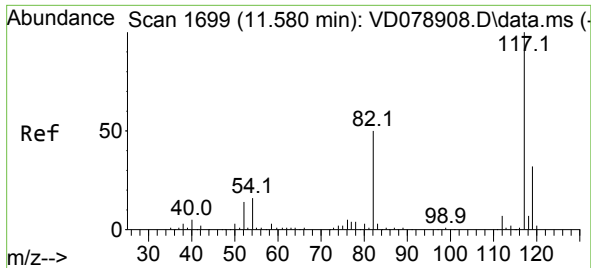
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 202.4 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion: 95 Resp: 84453
Ion Ratio Lower Upper
95 100
174 93.5 0.0 195.4
176 92.3 0.0 192.6

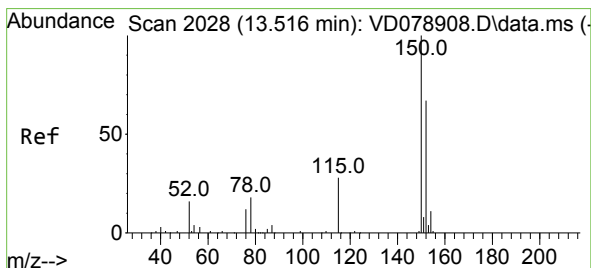
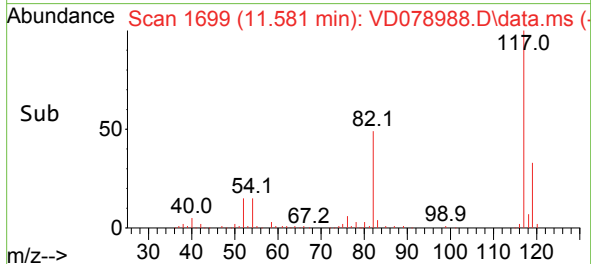
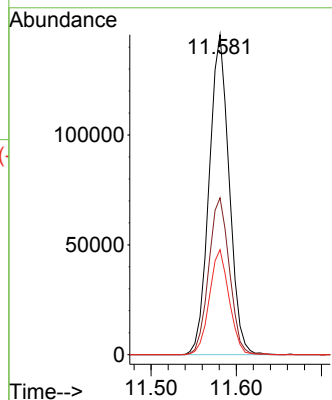
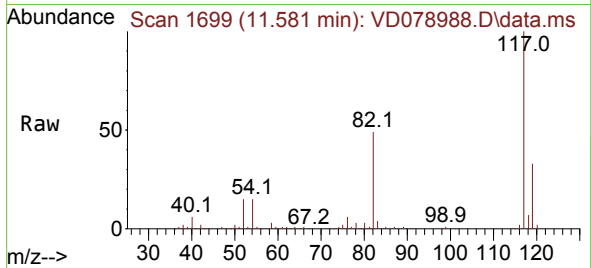




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

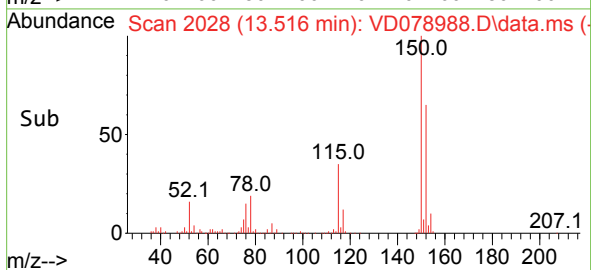
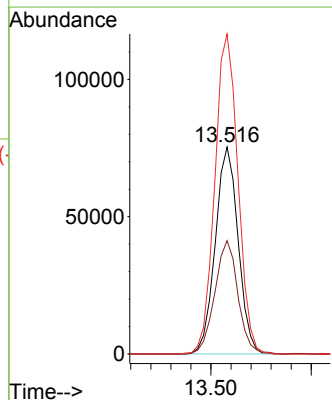
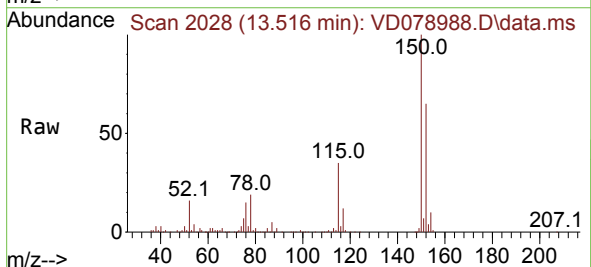
Instrument :
MSVOA_D
ClientSampleId :

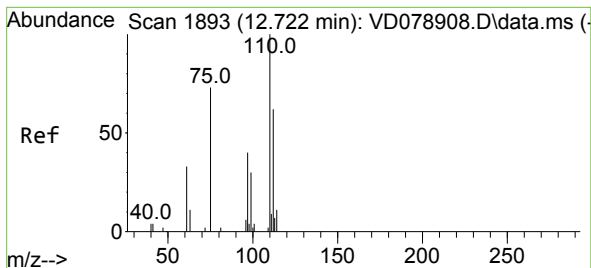
Tgt Ion:117 Resp: 237848
Ion Ratio Lower Upper
117 100
82 49.0 39.8 59.6
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion:152 Resp: 119216
Ion Ratio Lower Upper
152 100
115 55.5 26.5 79.5
150 156.1 0.0 341.6

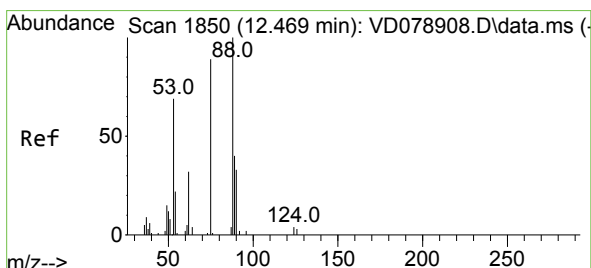
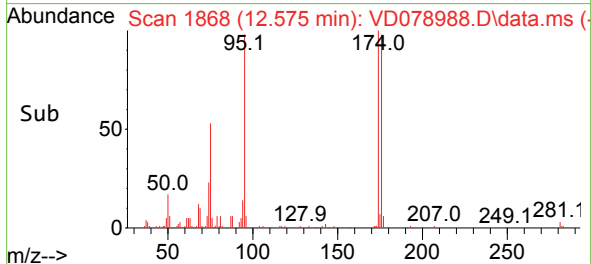
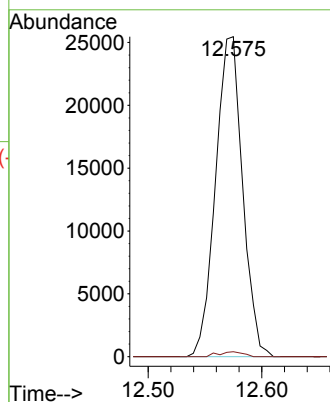
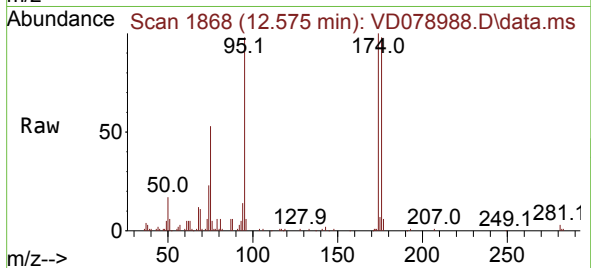




#76
1,2,3-Trichloropropane
Concen: 50.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

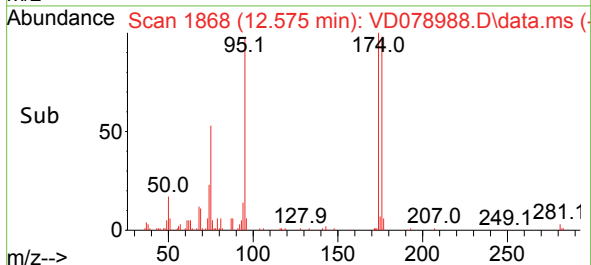
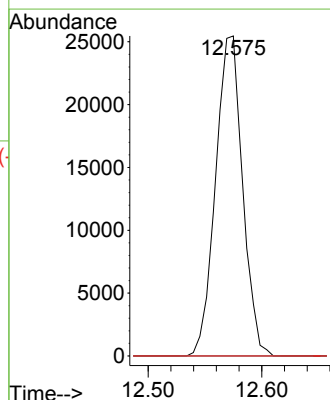
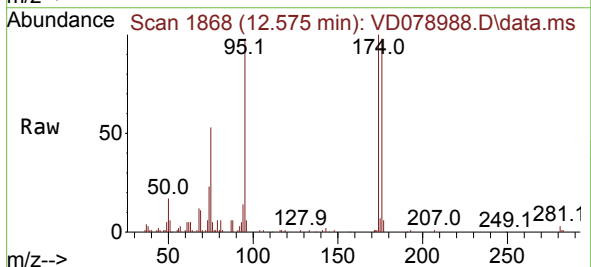
Instrument :
MSVOA_D
ClientSampleId :

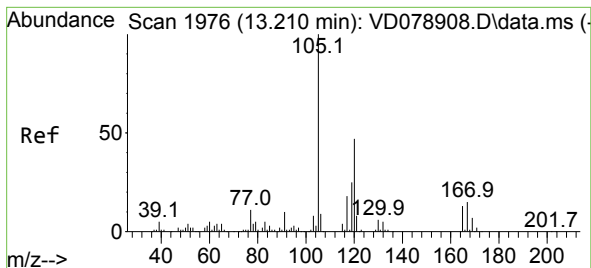
Tgt Ion: 75 Resp: 42065
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.389 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078988.D
Acq: 22 May 2024 19:16

Tgt Ion: 75 Resp: 42065
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.398 ug/l

RT: 13.063 min Scan# 1951

Delta R.T. -0.147 min

Lab File: VD078988.D

Acq: 22 May 2024 19:16

Instrument :

MSVOA_D

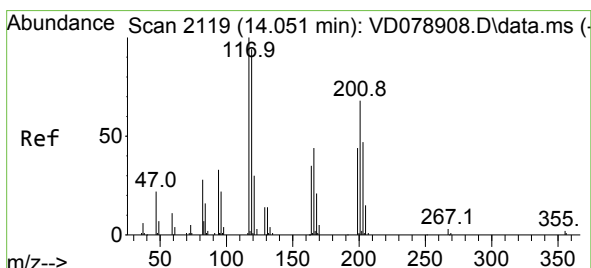
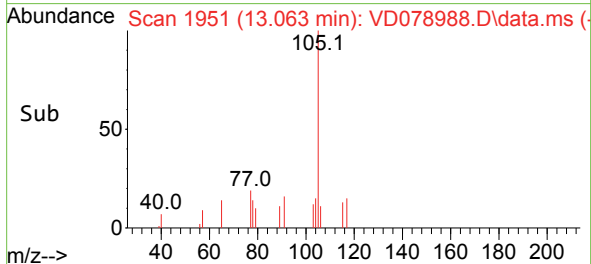
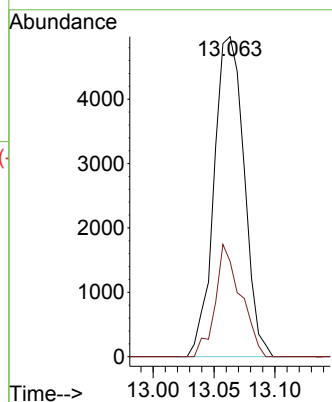
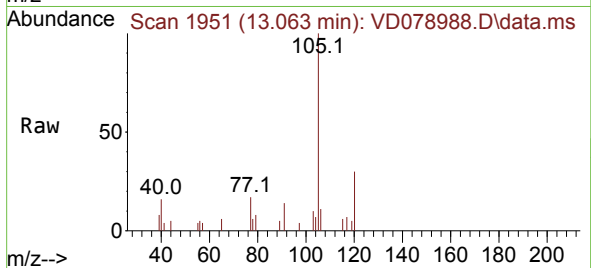
ClientSampleId :

Tgt Ion:105 Resp: 8560

Ion Ratio Lower Upper

105 100

120 29.7 23.6 71.0



#90

Hexachloroethane

Concen: 1.205 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078988.D

Acq: 22 May 2024 19:16

Tgt Ion:117 Resp: 1727

Ion Ratio Lower Upper

117 100

201 0.0 36.3 108.9#

