

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073106.D
 Acq On : 18 May 2022 18:39
 Operator : VA/SY
 Sample : N2832-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB09

Quant Time: May 19 04:46:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

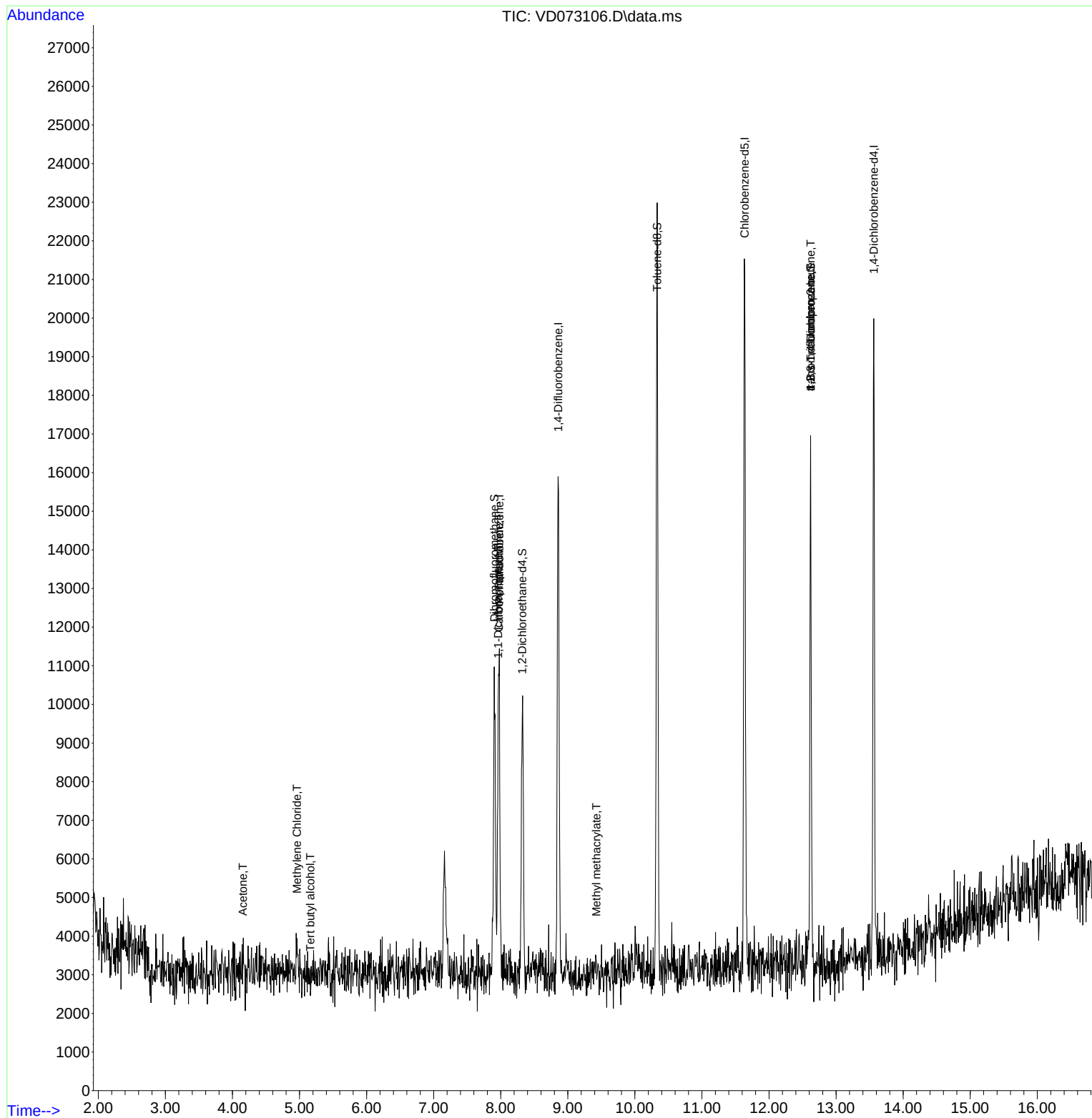
Internal Standards						
1) Pentafluorobenzene	7.979	168	6973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	11864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	5743	65.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.720%	
35) Dibromofluoromethane	7.903	113	5061	60.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.520%	
50) Toluene-d8	10.332	98	12257	40.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.120%	
62) 4-Bromofluorobenzene	12.620	95	4249	38.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.162	59	55	4.078	ug/l #	74
16) Acetone	4.156	43	480	30.417	ug/l #	47
20) Methylene Chloride	4.962	84	652	5.693	ug/l #	45
36) 1,1-Dichloropropene	7.961	75	578	4.259	ug/l #	43
38) Carbon Tetrachloride	7.973	117	612	4.407	ug/l #	13
48) Methyl methacrylate	9.426	41	64	1.217	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	2358	42.982	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	2358	103.061	ug/l #	7

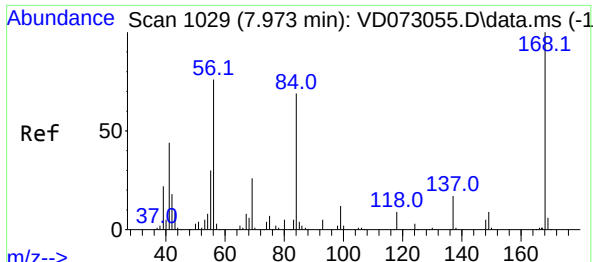
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 19 04:46:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

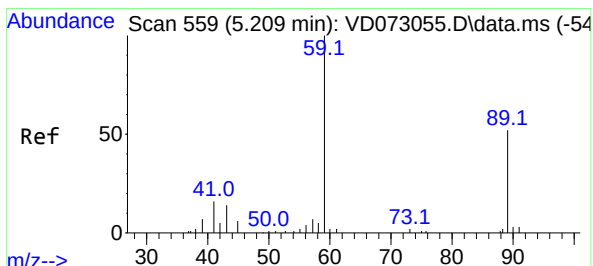
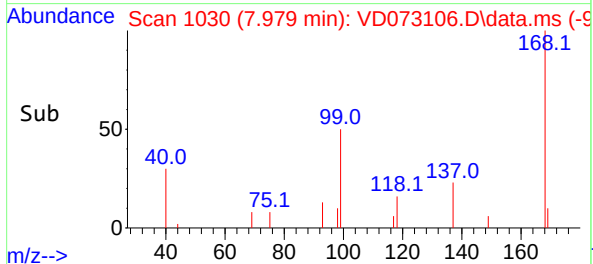
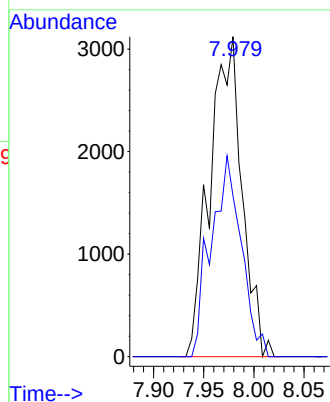
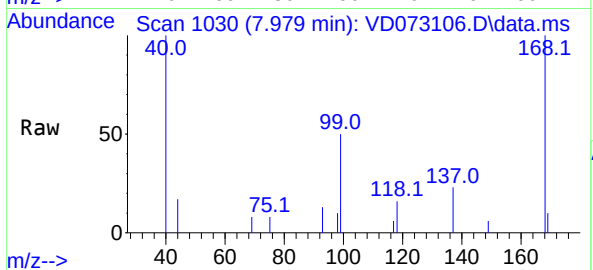




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

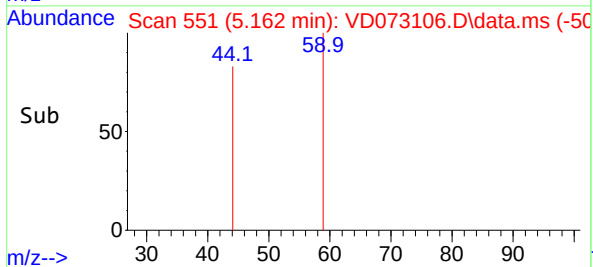
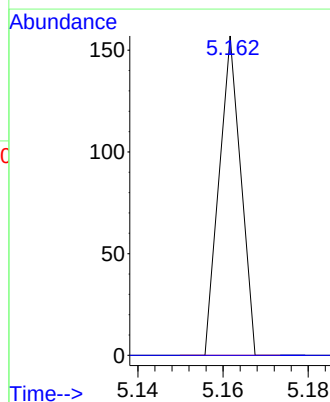
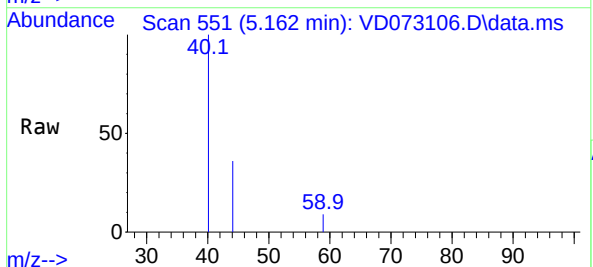
Instrument :
MSVOA_D
ClientSampleId :
SB09

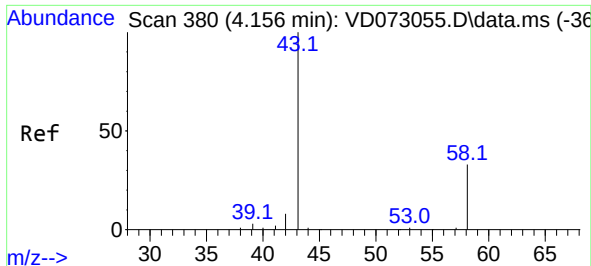
Tgt Ion:168 Resp: 6973
Ion Ratio Lower Upper
168 100
99 50.2 49.8 74.6



#11
Tert butyl alcohol
Concen: 4.078 ug/l
RT: 5.162 min Scan# 551
Delta R.T. -0.047 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

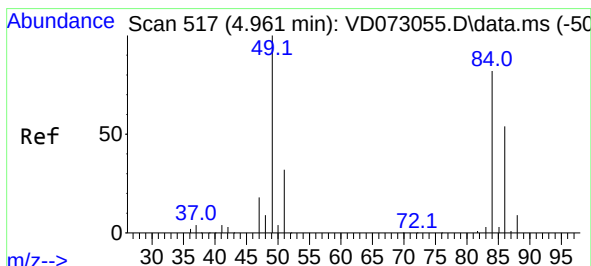
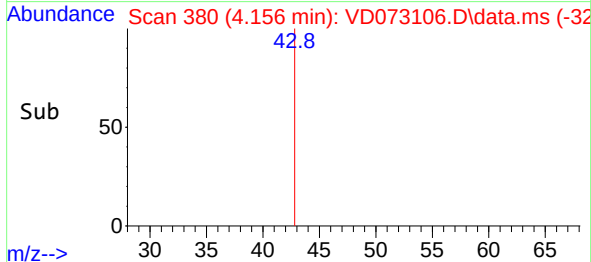
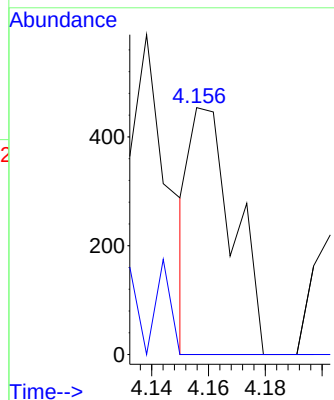
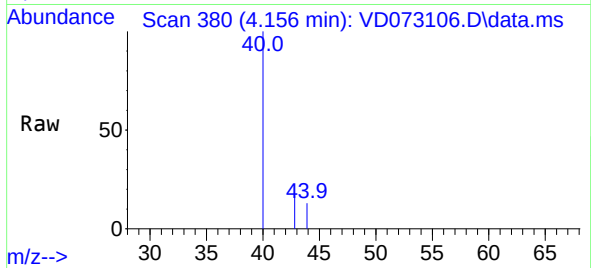




#16
Acetone
Concen: 30.417 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

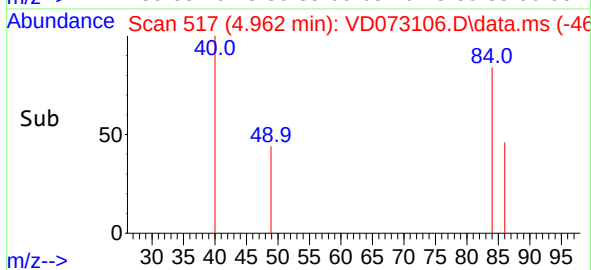
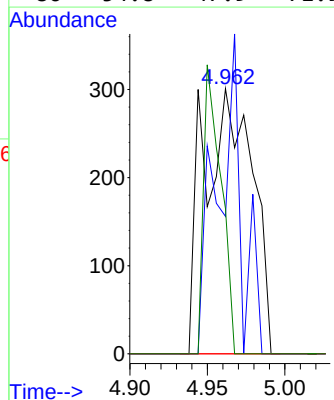
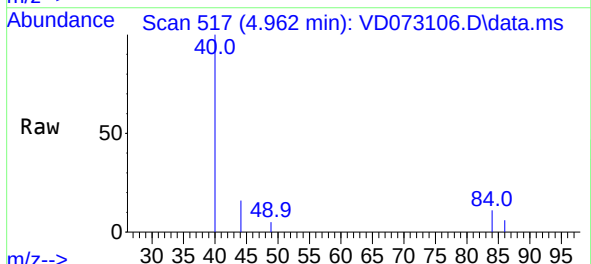
Instrument :
MSVOA_D
ClientSampleId :
SB09

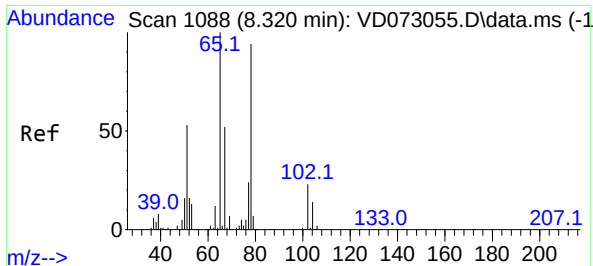
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: 5.693 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Tgt Ion: 84 Resp: 652
Ion Ratio Lower Upper
84 100
49 51.8 112.8 169.2#
51 0.0 32.6 48.8#
86 54.8 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 65.858 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073106.D

Acq: 18 May 2022 18:39

Instrument :

MSVOA_D

ClientSampleId :

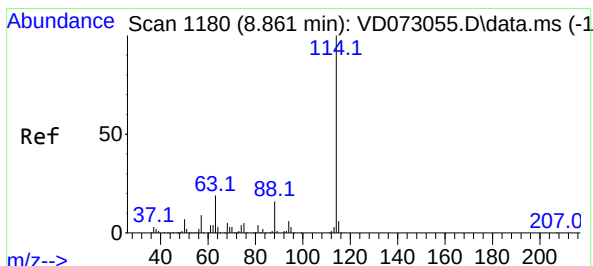
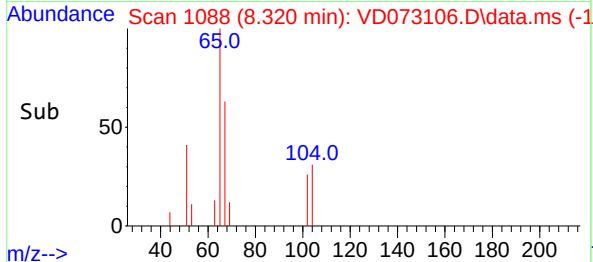
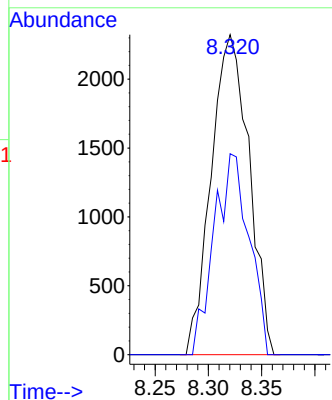
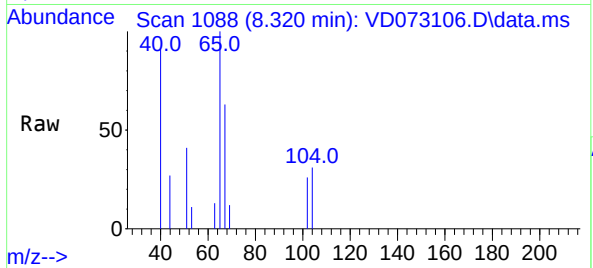
SB09

Tgt Ion: 65 Resp: 5743

Ion Ratio Lower Upper

65 100

67 57.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073106.D

Acq: 18 May 2022 18:39

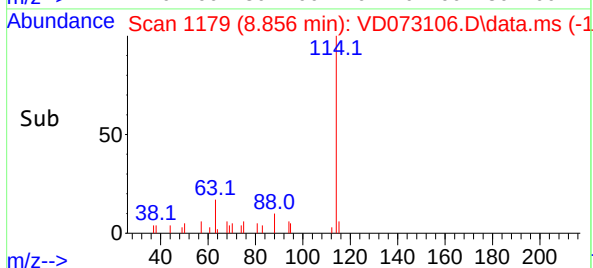
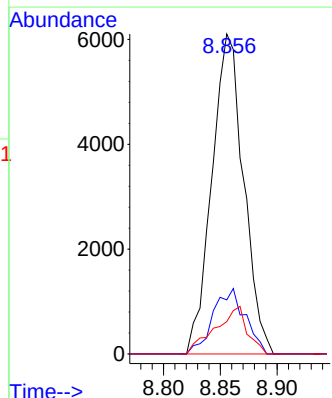
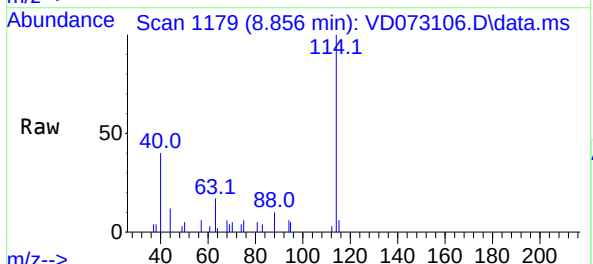
Tgt Ion: 114 Resp: 11864

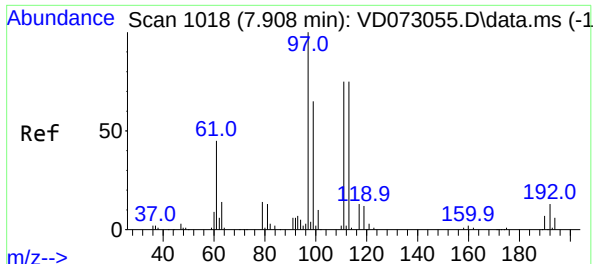
Ion Ratio Lower Upper

114 100

63 16.9 0.0 46.6

88 10.1 0.0 33.2

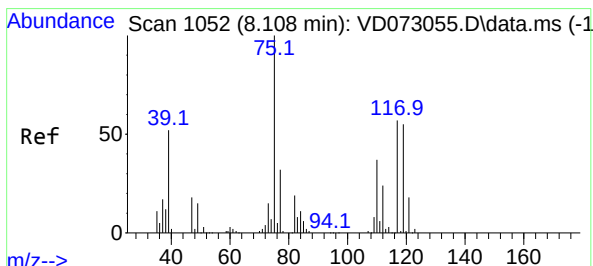
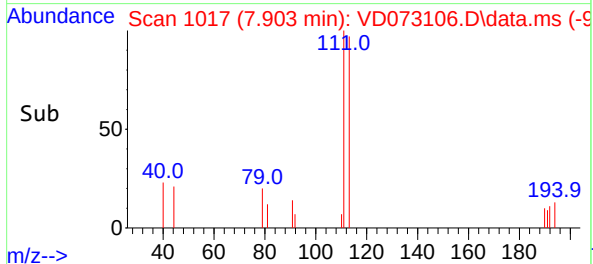
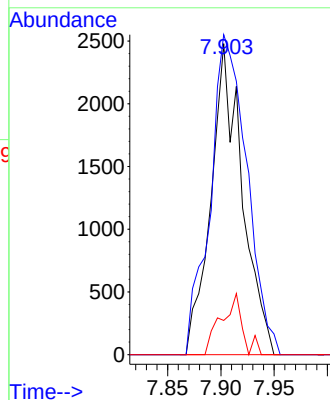
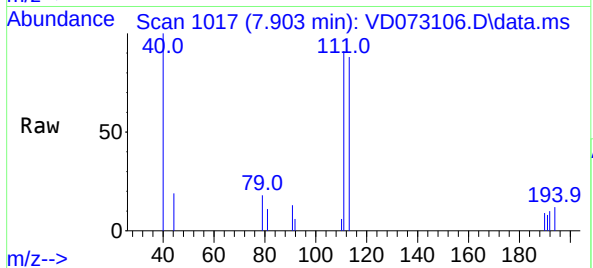




#35
Dibromofluoromethane
Concen: 60.757 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

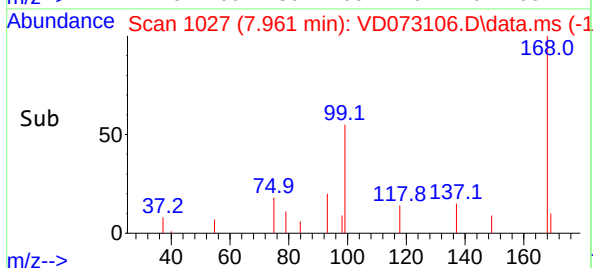
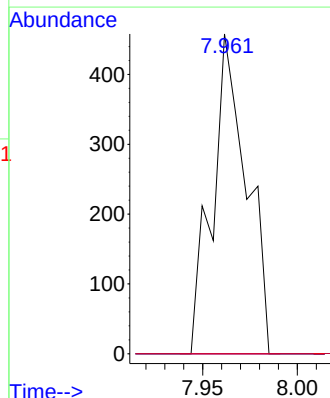
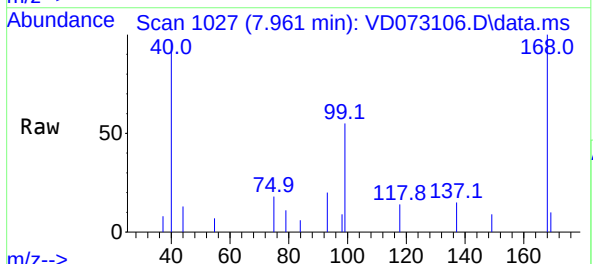
Instrument :
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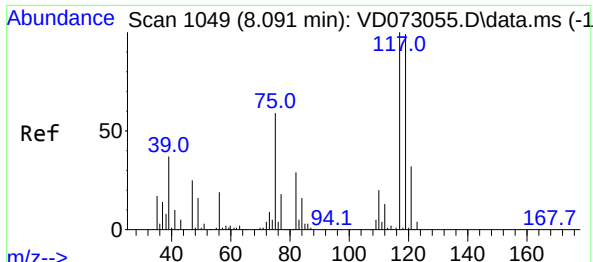
Tgt Ion: 113 Resp: 5061
Ion Ratio Lower Upper
113 100
111 120.6 83.8 125.6
192 13.4 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 4.259 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.147 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

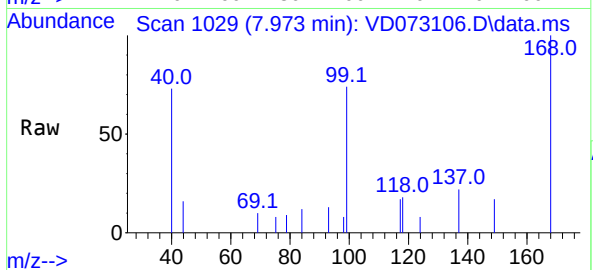
Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



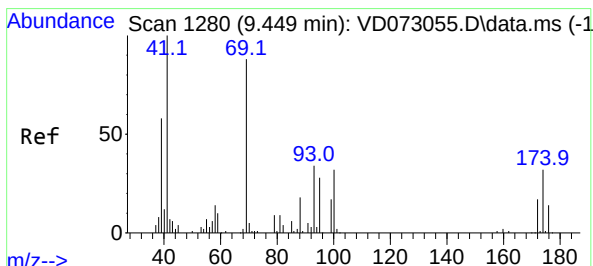
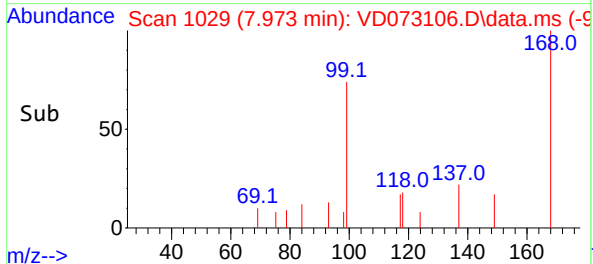
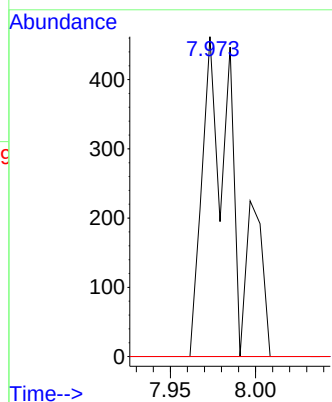


#38
Carbon Tetrachloride
Concen: 4.407 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Instrument :
MSVOA_D
ClientSampleId :
SB09

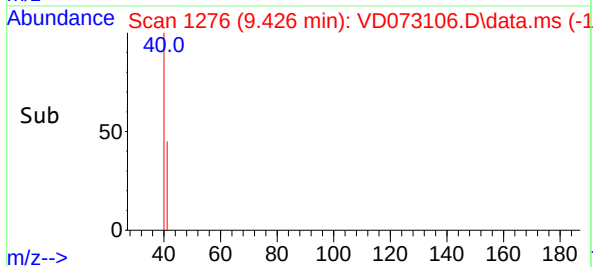
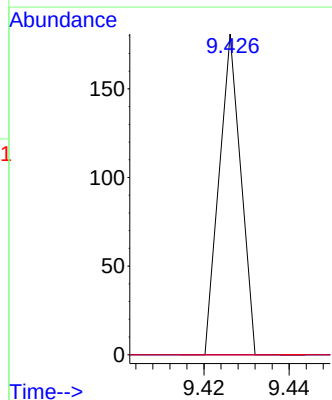
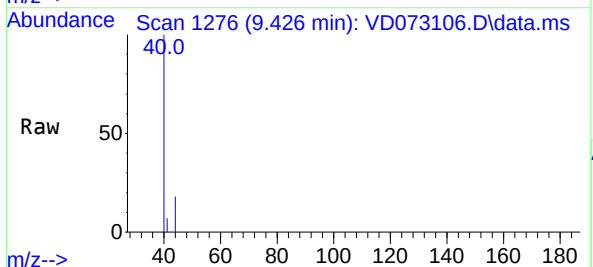


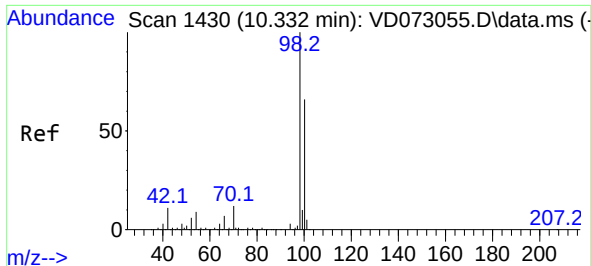
Tgt Ion:117 Resp: 612
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.217 ug/l
RT: 9.426 min Scan# 1276
Delta R.T. -0.023 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

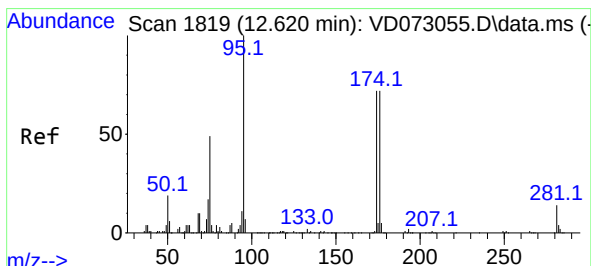
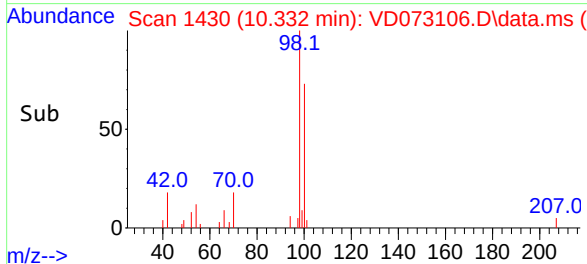
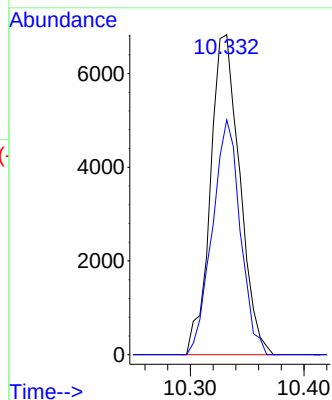
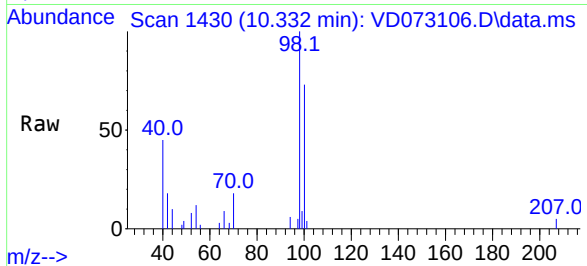




#50
Toluene-d8
Concen: 40.560 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

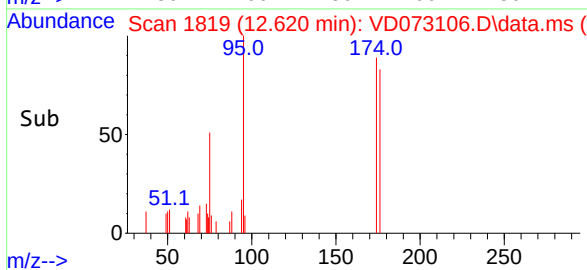
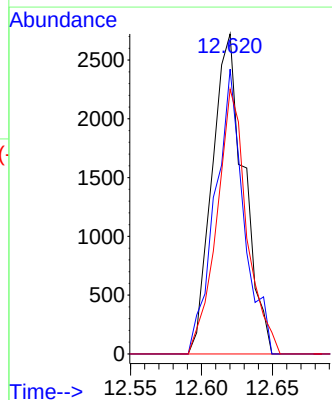
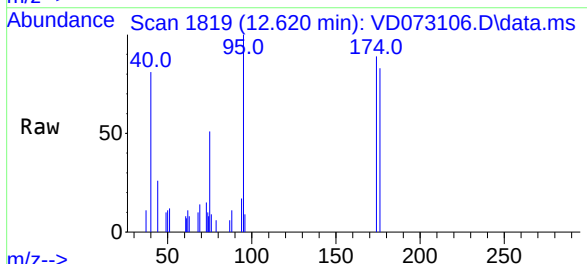
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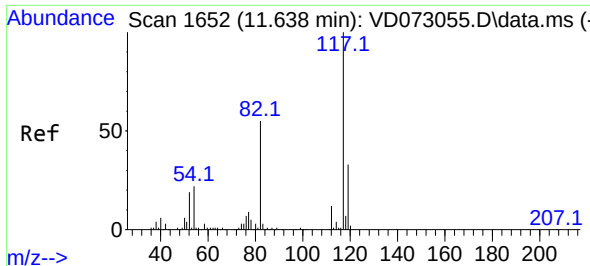
Tgt Ion: 98 Resp: 12257
Ion Ratio Lower Upper
98 100
100 70.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.821 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Tgt Ion: 95 Resp: 4249
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 78.0 0.0 145.4

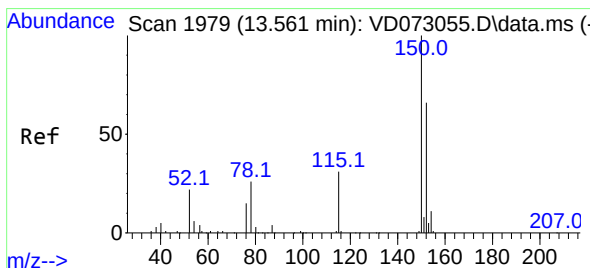
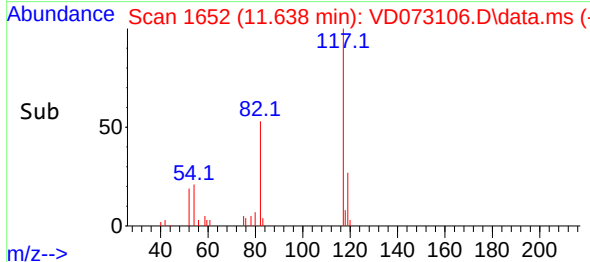
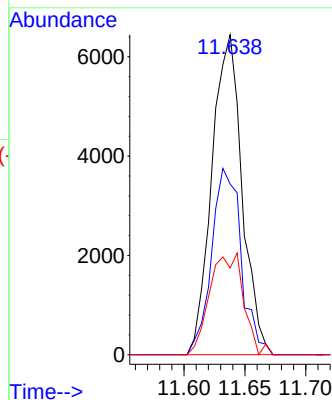
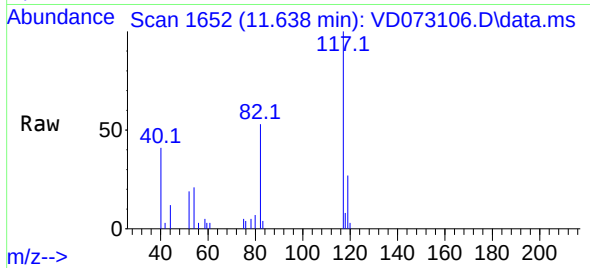




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

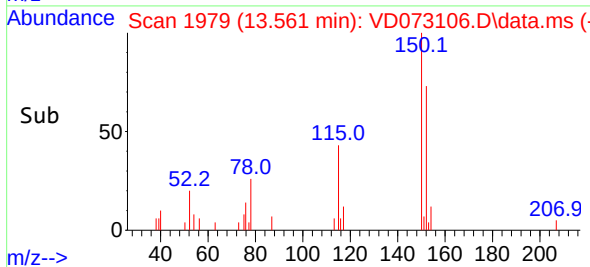
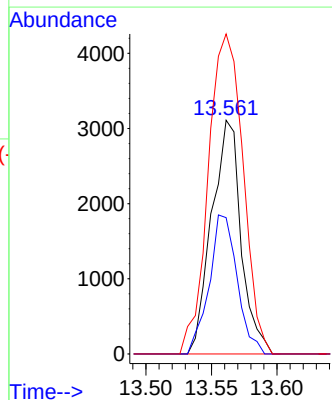
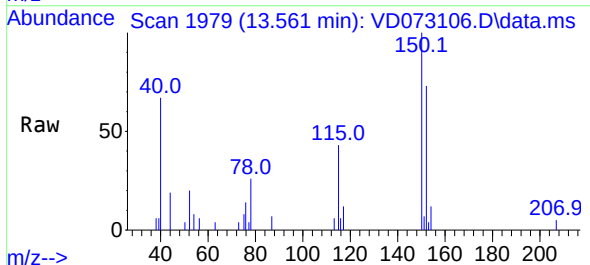
Instrument :
MSVOA_D
ClientSampleId :
SB09

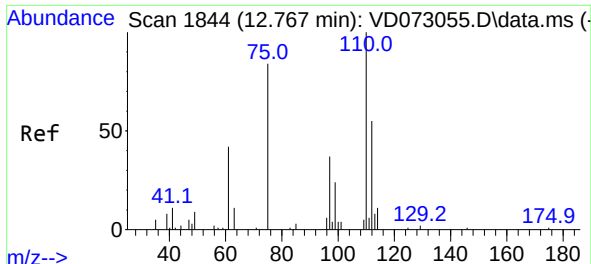
Tgt Ion:	117	Resp:	11123
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	27.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073106.D
Acq: 18 May 2022 18:39

Tgt Ion:	152	Resp:	4853
Ion	Ratio	Lower	Upper
152	100		
115	56.6	31.3	93.8
150	161.9	0.0	348.6

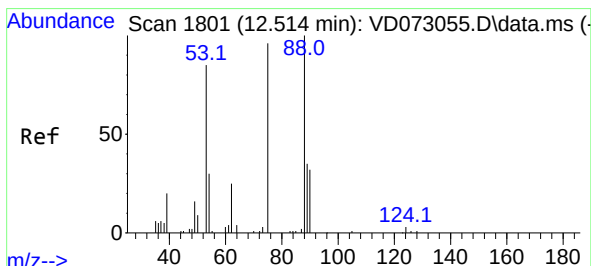
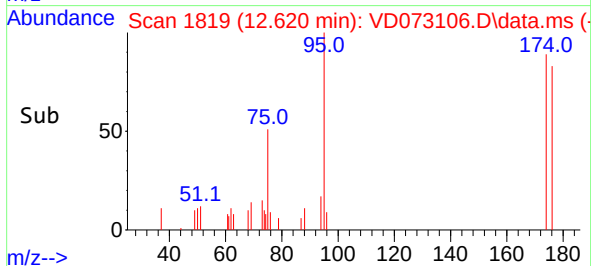
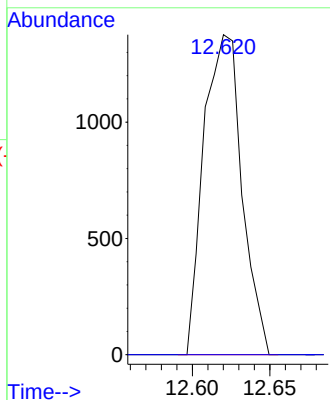
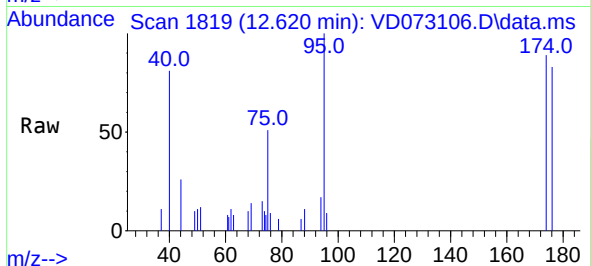




#76
 1,2,3-Trichloropropane
 Concen: 42.982 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073106.D
 Acq: 18 May 2022 18:39

Instrument : MSVOA_D
 ClientSampleId : SB09

Tgt Ion: 75 Resp: 2358
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.061 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073106.D
 Acq: 18 May 2022 18:39

Tgt Ion: 75 Resp: 2358
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

