

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074855.D
 Acq On : 10 Nov 2022 05:26
 Operator : VA/SY
 Sample : N5494-10
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 10 05:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

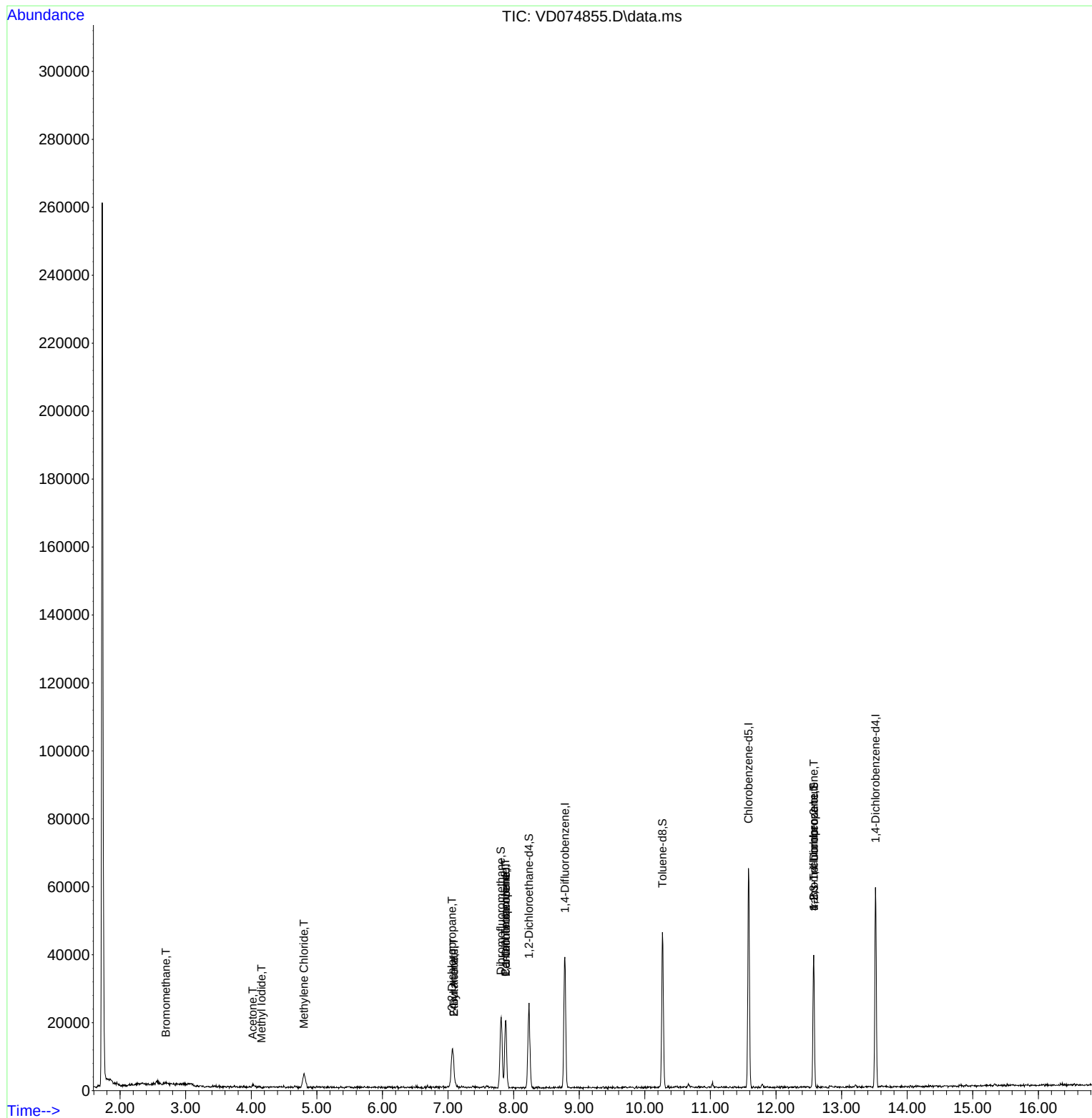
Internal Standards						
1) Pentafluorobenzene	7.881	168	16970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	38754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	41321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	17572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	18826	140.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 280.140%#	
35) Dibromofluoromethane	7.805	113	15965	69.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.280%	
50) Toluene-d8	10.269	98	33841	40.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 80.940%	
62) 4-Bromofluorobenzene	12.575	95	12475	51.668	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	464	2.511	ug/l #	77
10) Methyl Iodide	4.158	142	61	5.789	ug/l #	43
16) Acetone	4.022	43	634	22.604	ug/l #	38
20) Methylene Chloride	4.805	84	3831	6.300	ug/l	89
25) 2-Butanone	7.087	43	925	23.986	ug/l #	42
26) 2,2-Dichloropropane	7.058	77	453	1.612	ug/l #	50
36) 1,1-Dichloropropene	7.881	75	1208	3.472	ug/l #	39
37) Ethyl Acetate	7.087	43	925	7.969	ug/l #	78
38) Carbon Tetrachloride	7.875	117	1453	4.407	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	5957	43.731	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	5957	103.807	ug/l #	17

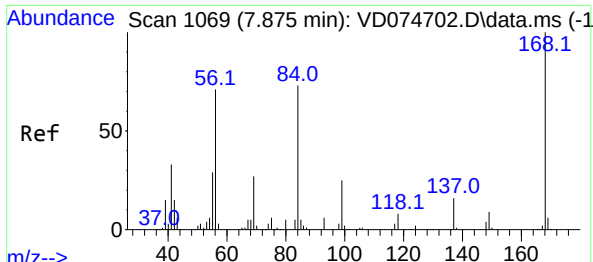
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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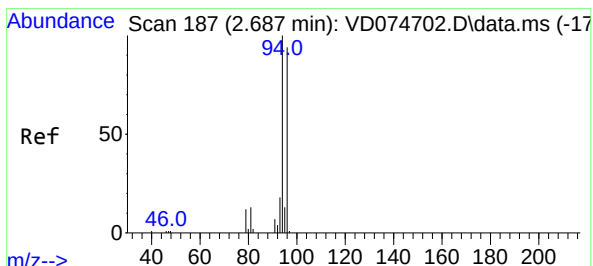
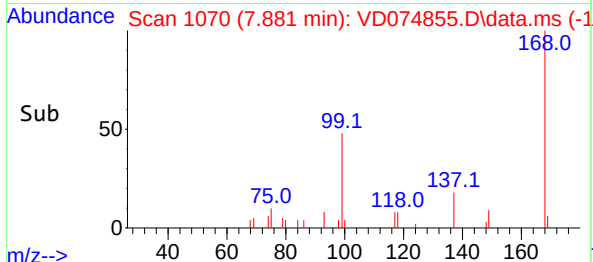
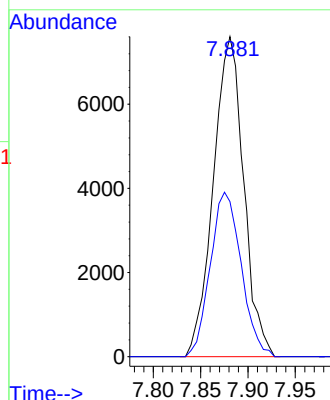
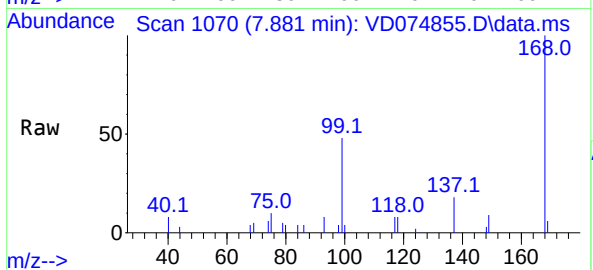




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

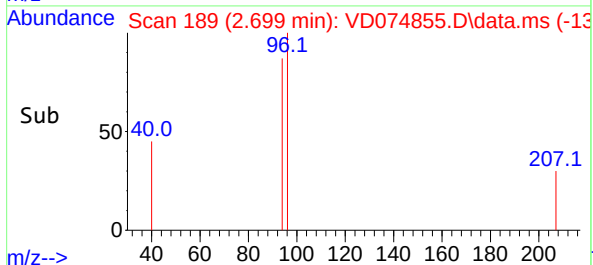
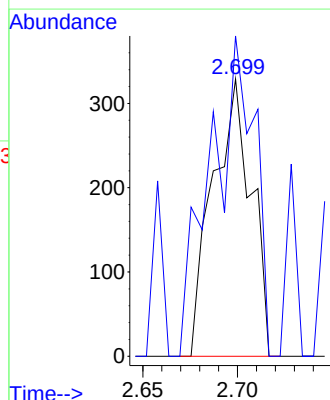
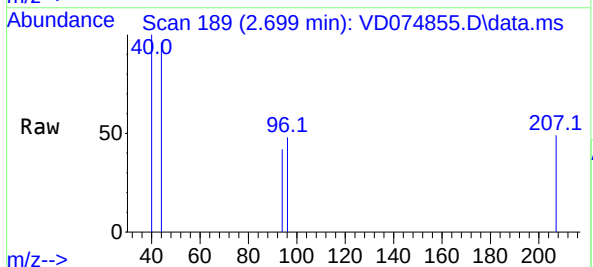
Instrument :
MSVOA_D
ClientSampleId :
TP-4

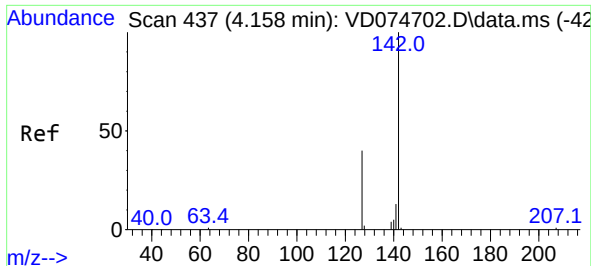
Tgt Ion:168 Resp: 16970
Ion Ratio Lower Upper
168 100
99 48.4 40.9 61.3



#5
Bromomethane
Concen: 2.511 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 115.5 74.6 112.0#

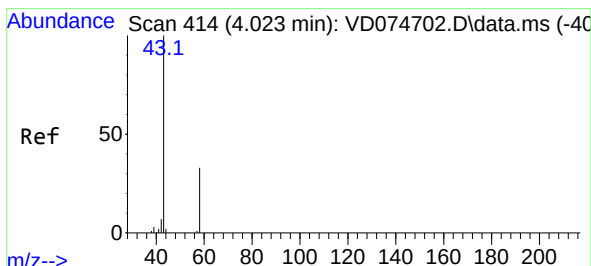
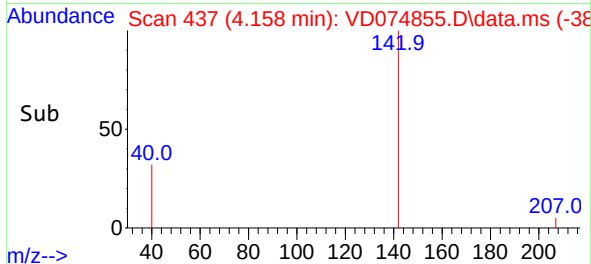
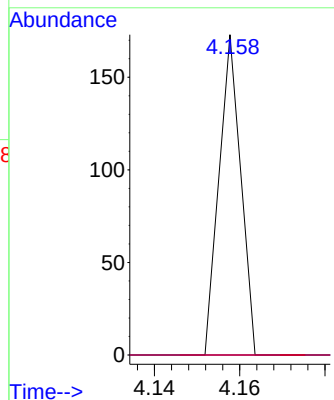
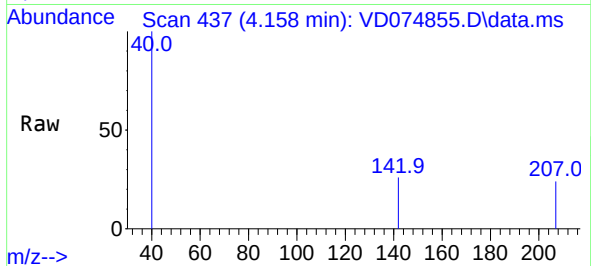




#10
Methyl Iodide
Concen: 5.789 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

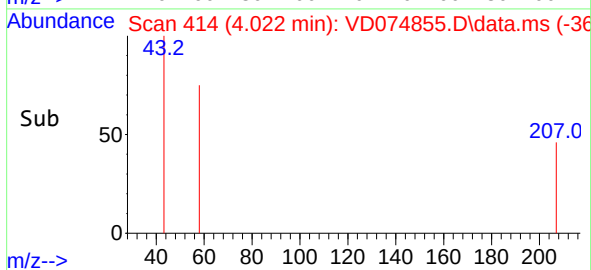
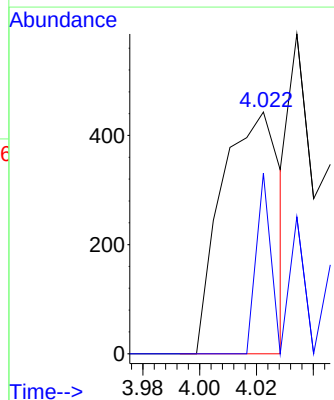
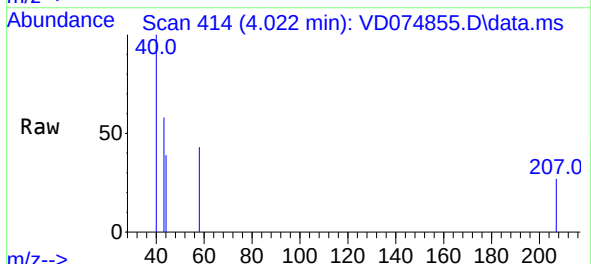
Instrument :
MSVOA_D
ClientSampleId :
TP-4

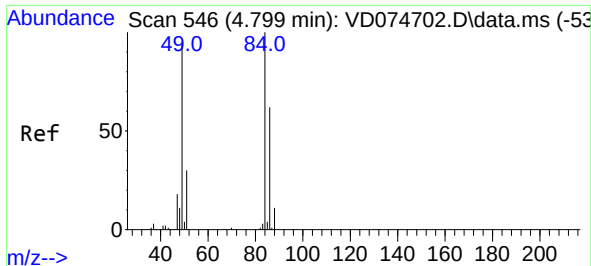
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 22.604 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 74.7 30.2 45.2#



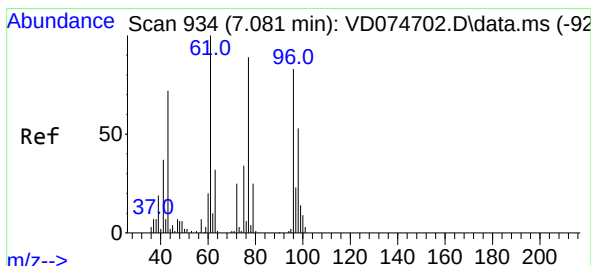
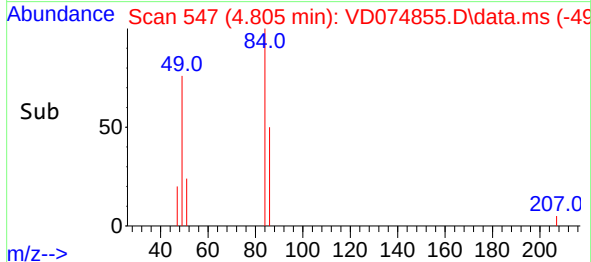
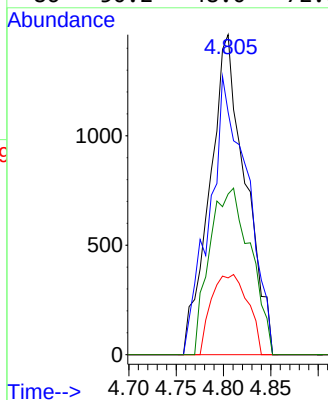
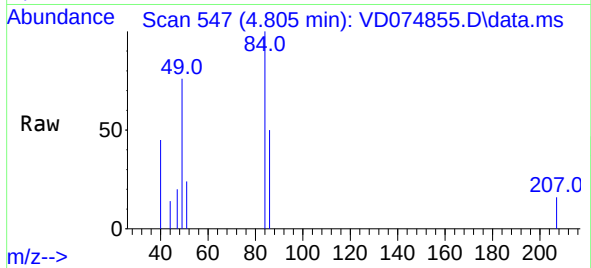


#20
Methylene Chloride
Concen: 6.300 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 3831

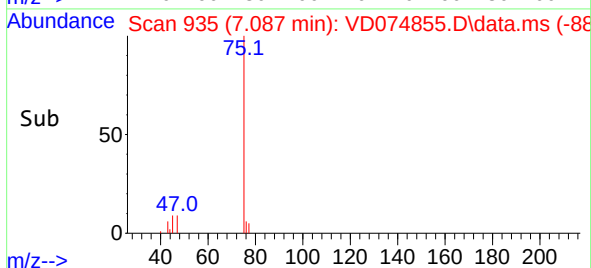
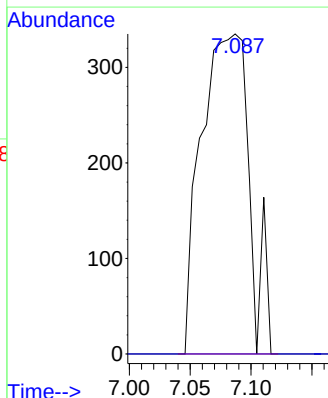
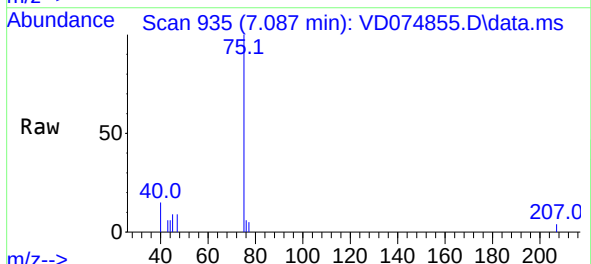
Ion	Ratio	Lower	Upper
84	100		
49	75.8	68.0	102.0
51	24.0	23.2	34.8
86	50.2	48.0	72.0

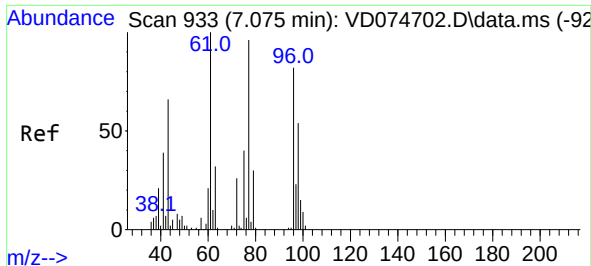


#25
2-Butanone
Concen: 23.986 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 43 Resp: 925

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#26

2,2-Dichloropropane

Concen: 1.612 ug/l

RT: 7.058 min Scan# 91

Delta R.T. -0.017 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

Instrument :

MSVOA_D

ClientSampleId :

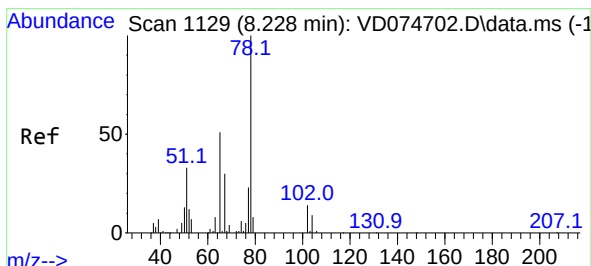
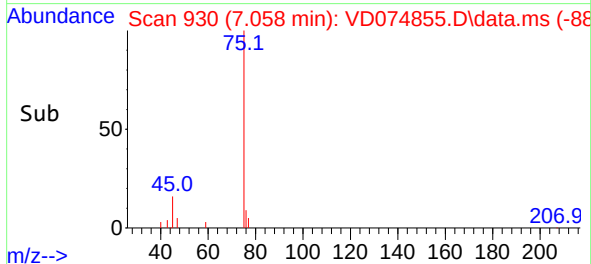
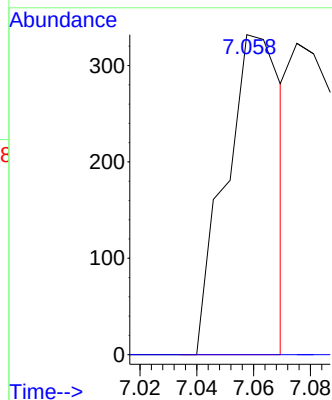
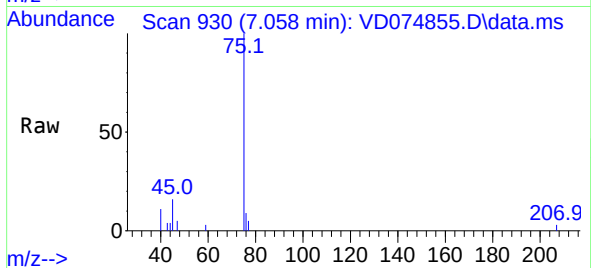
TP-4

Tgt Ion: 77 Resp: 453

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#



#33

1,2-Dichloroethane-d4

Concen: 140.068 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074855.D

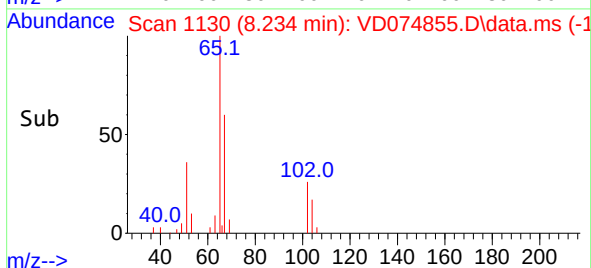
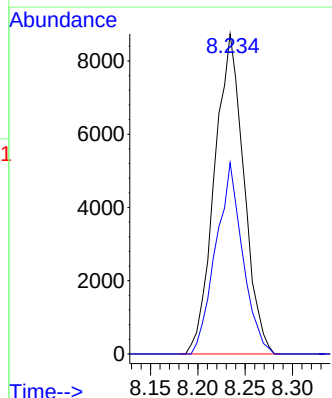
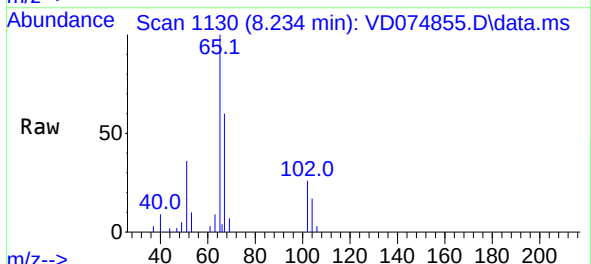
Acq: 10 Nov 2022 05:26

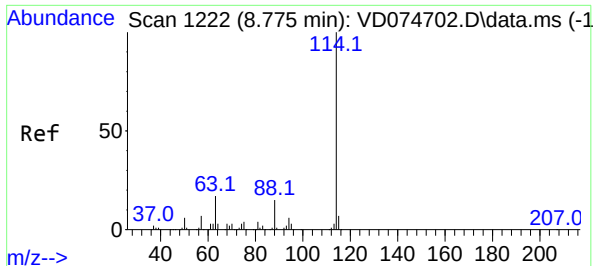
Tgt Ion: 65 Resp: 18826

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

Instrument :

MSVOA_D

ClientSampleId :

TP-4

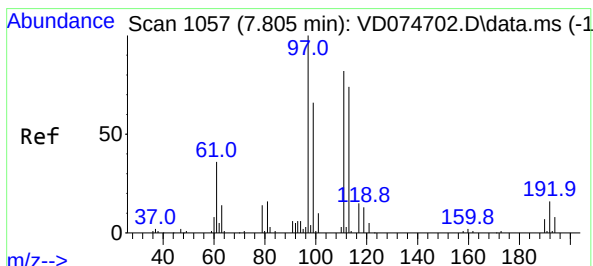
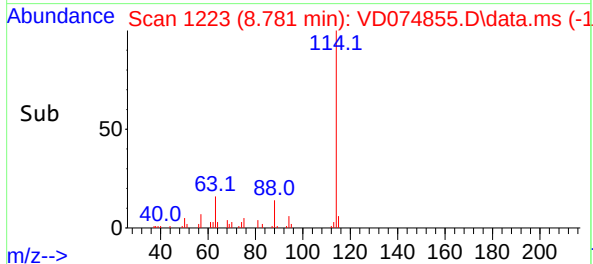
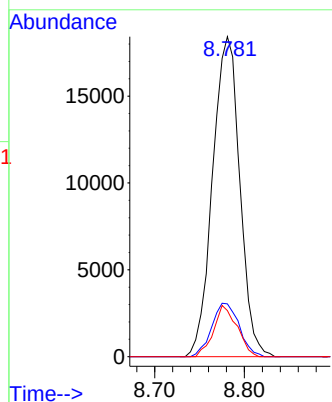
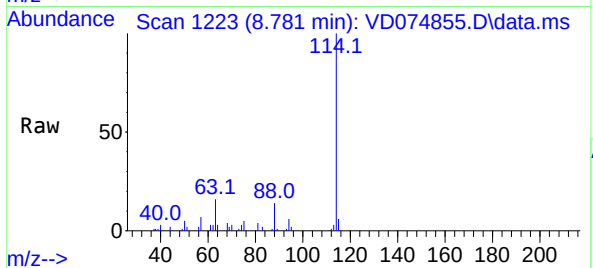
Tgt Ion:114 Resp: 38754

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.642 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

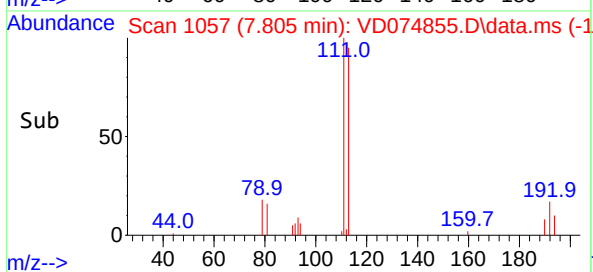
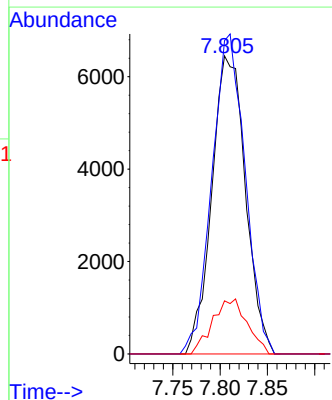
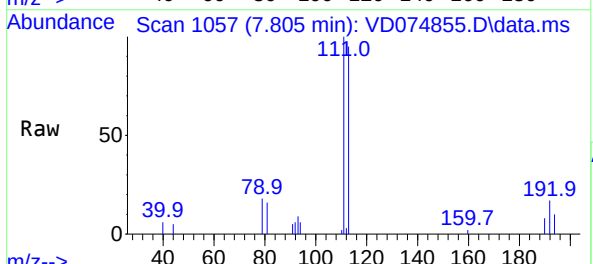
Tgt Ion:113 Resp: 15965

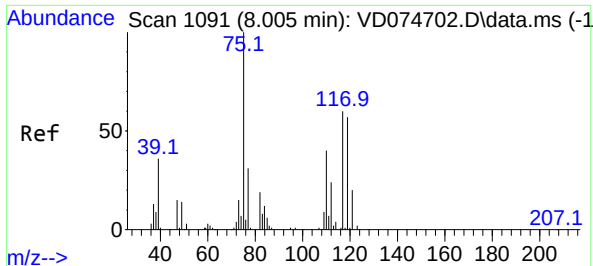
Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 18.9 16.4 24.6

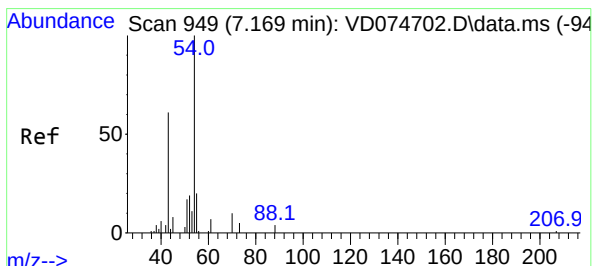
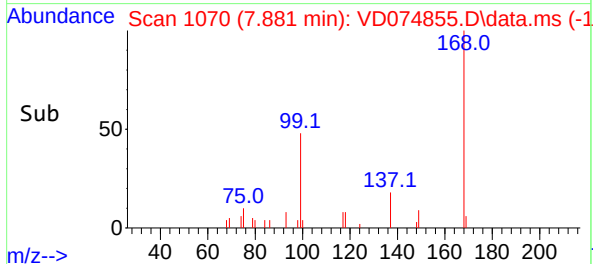
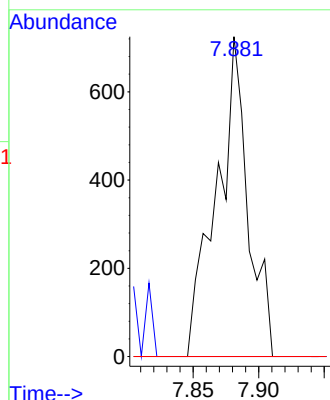
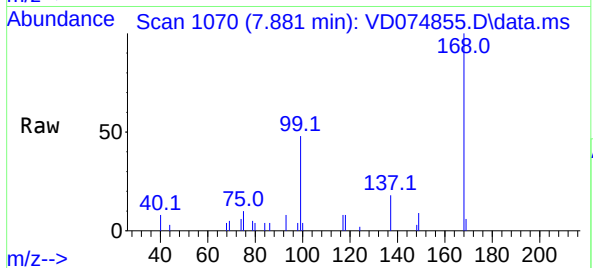




#36
1,1-Dichloropropene
Concen: 3.472 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

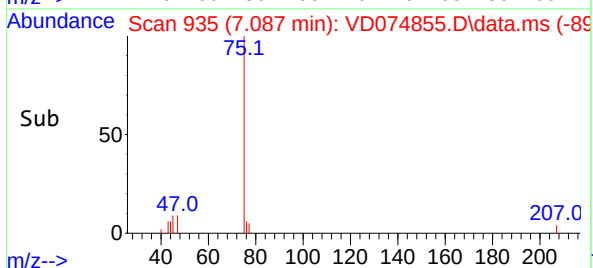
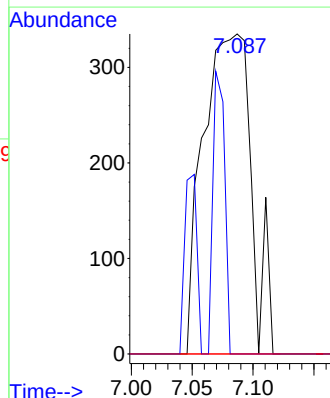
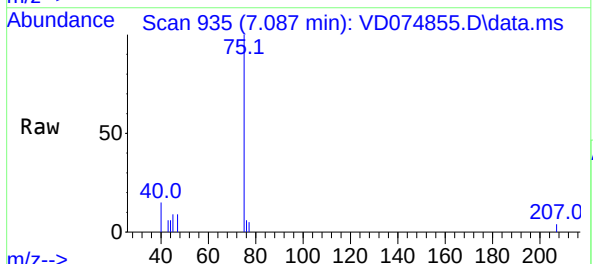
Instrument :
MSVOA_D
ClientSampleId :
TP-4

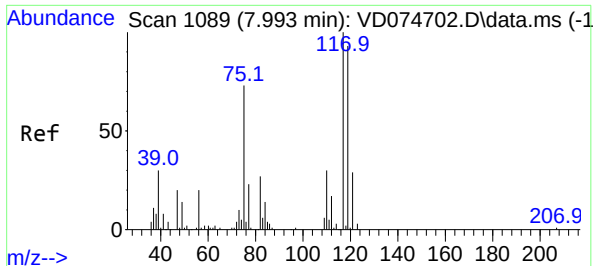
Tgt Ion: 75 Resp: 1208
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 7.969 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.082 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
61 21.4 12.2 18.4#
70 0.0 9.6 14.4#





#38

Carbon Tetrachloride

Concen: 4.407 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074855.D

Acq: 10 Nov 2022 05:26

Instrument :

MSVOA_D

ClientSampleId :

TP-4

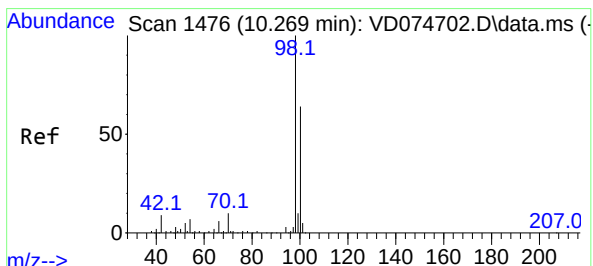
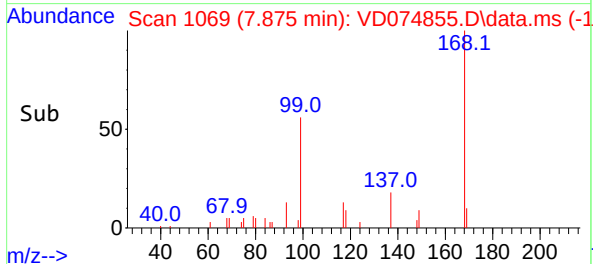
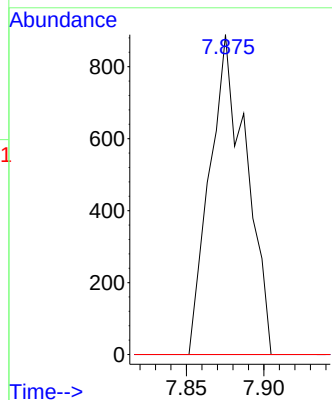
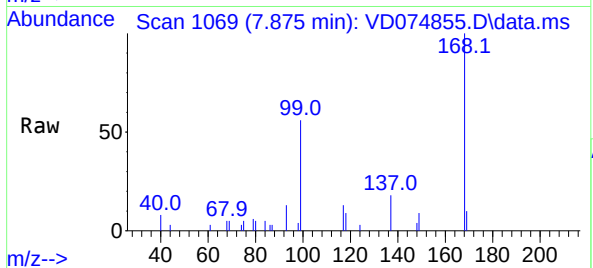
Tgt Ion:117 Resp: 1453

Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 40.469 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074855.D

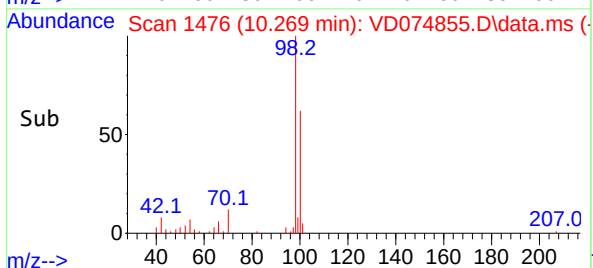
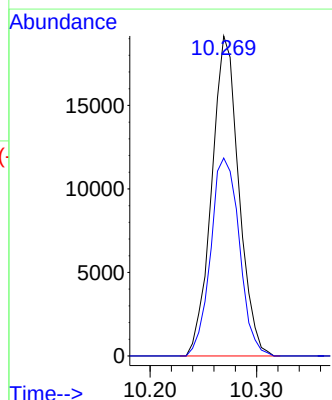
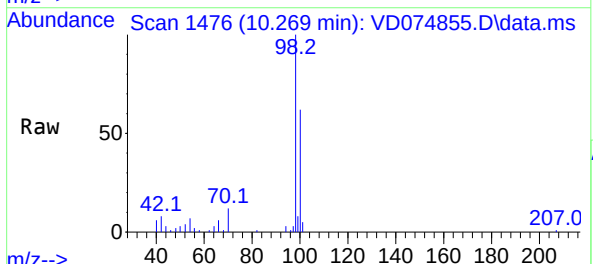
Acq: 10 Nov 2022 05:26

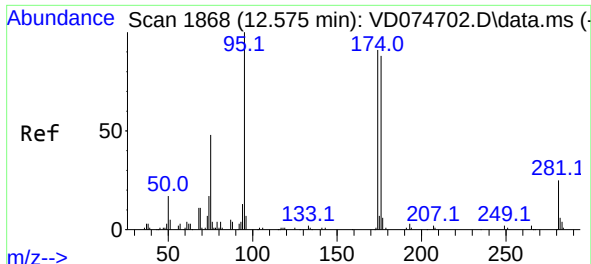
Tgt Ion: 98 Resp: 33841

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

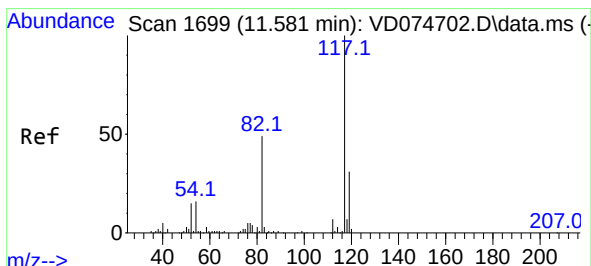
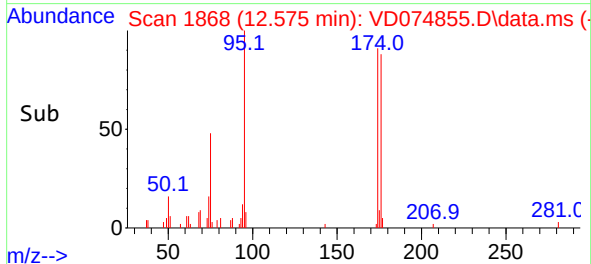
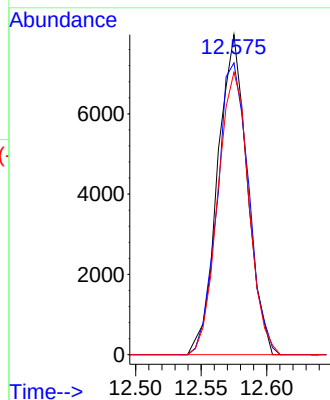
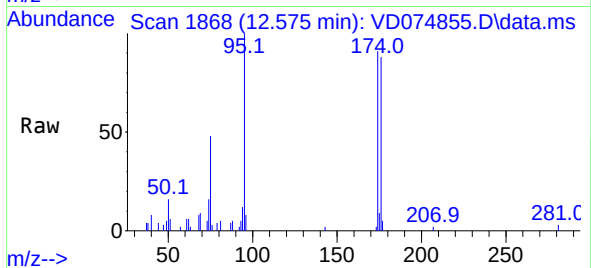




#62
4-Bromofluorobenzene
Concen: 51.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

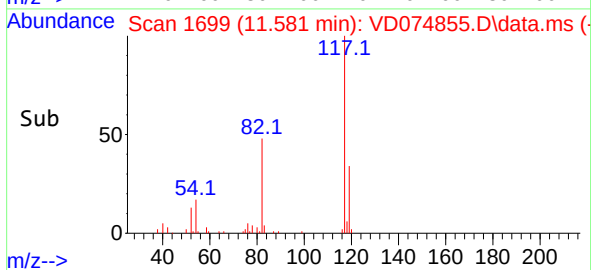
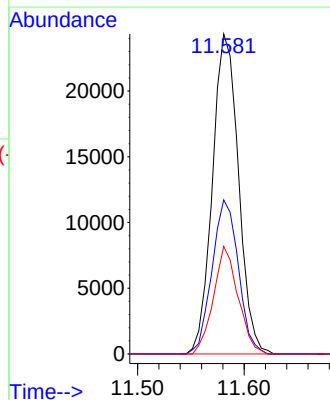
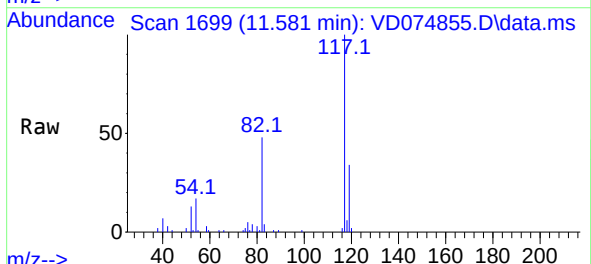
Instrument :
MSVOA_D
ClientSampleId :
TP-4

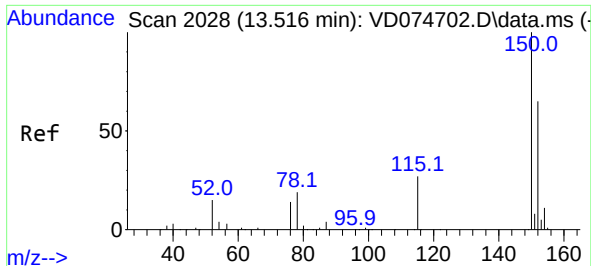
Tgt Ion:	95	Resp:	12475
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	197.0
176	92.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion:	117	Resp:	41321
Ion	Ratio	Lower	Upper
117	100		
82	48.1	41.6	62.4
119	33.6	25.2	37.8

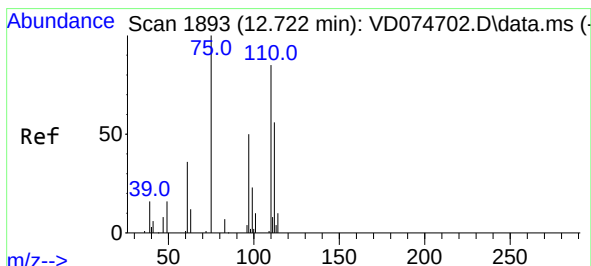
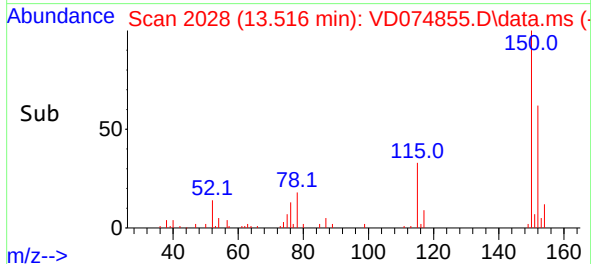
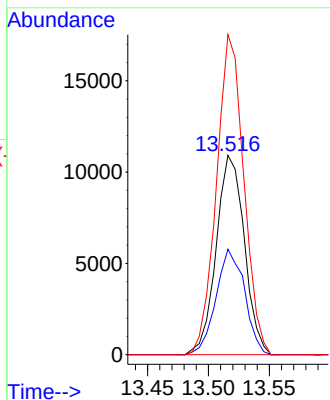
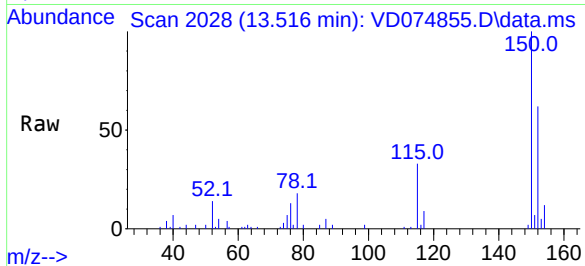




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

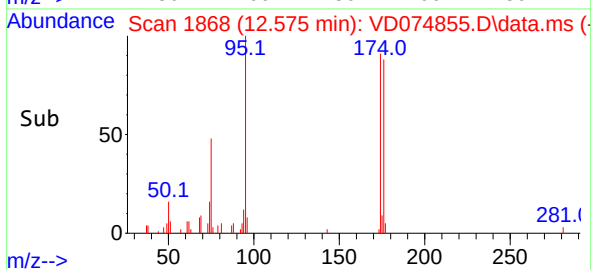
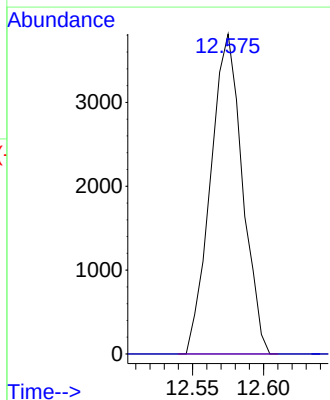
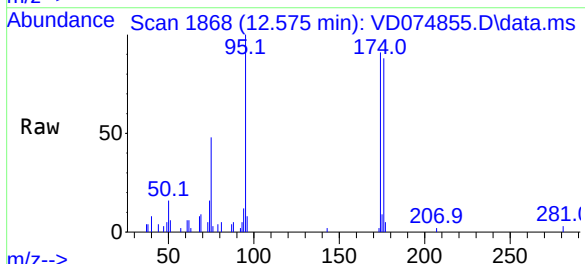
Instrument :
MSVOA_D
ClientSampleId :
TP-4

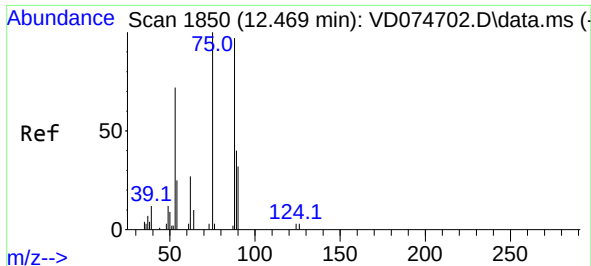
Tgt Ion:152 Resp: 17572
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 155.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 43.731 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Tgt Ion: 75 Resp: 5957
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074855.D
Acq: 10 Nov 2022 05:26

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 5957
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

