

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075158.D
 Acq On : 20 Jan 2023 17:26
 Operator : KP/SY
 Sample : 01233-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P36B

Quant Time: Jan 23 00:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

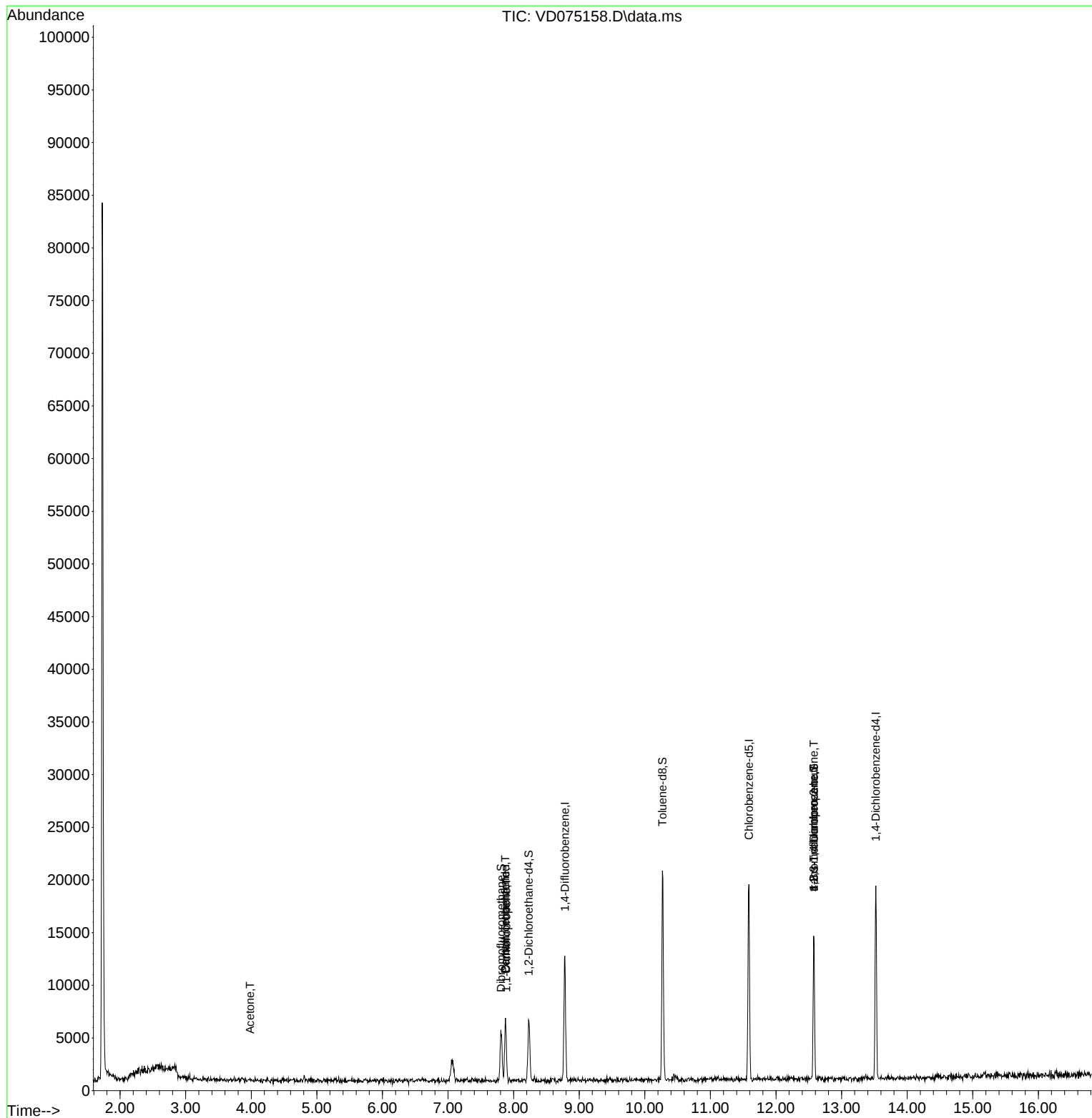
Internal Standards						
1) Pentafluorobenzene	7.875	168	4925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	11060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	10688	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4647	92.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.940%#	
35) Dibromofluoromethane	7.811	113	3747	56.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.269	98	13542	51.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.575	95	5018	60.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.981	43	53	3.999	ug/l #	42
20) Methylene Chloride	4.805	84	188	Below Cal	#	6
36) 1,1-Dichloropropene	7.887	75	140	1.304	ug/l #	41
38) Carbon Tetrachloride	7.875	117	389	4.303	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	2564	57.014	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2564	132.247	ug/l #	14

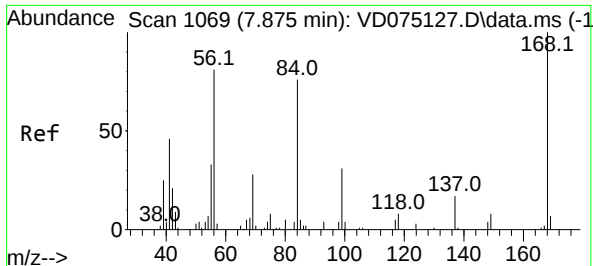
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 23 00:32:58 2023
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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

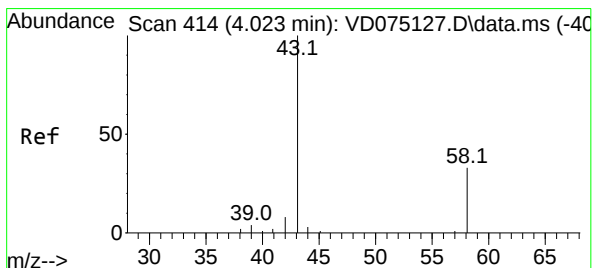
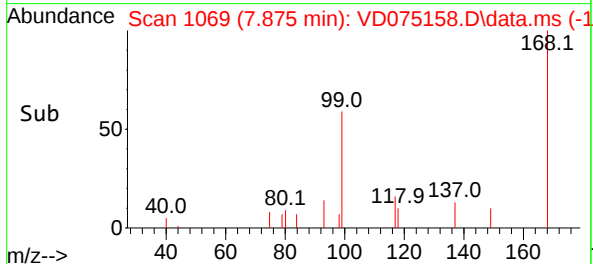
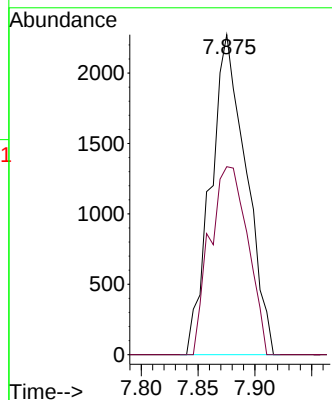
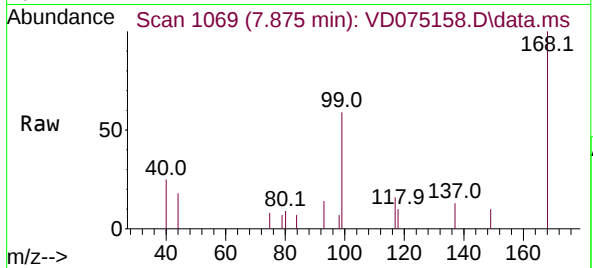




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

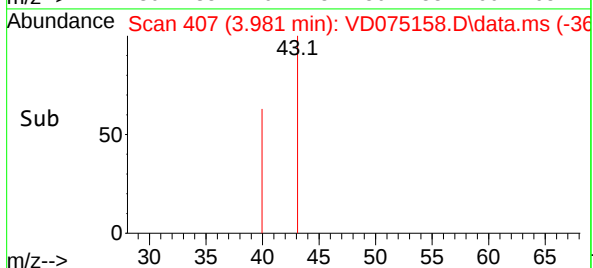
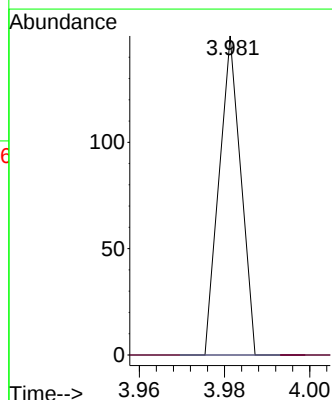
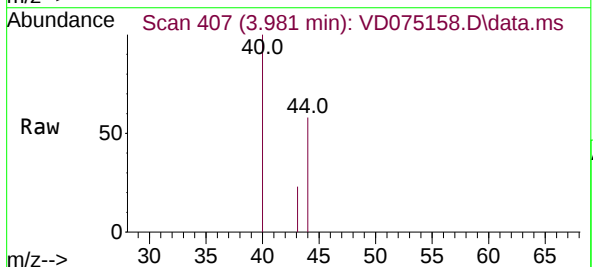
Instrument :
MSVOA_D
ClientSampleId :
B-P36B

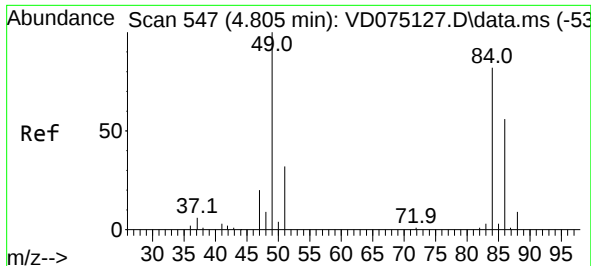
Tgt Ion:168 Resp: 4925
Ion Ratio Lower Upper
168 100
99 58.7 45.2 67.8



#16
Acetone
Concen: 3.999 ug/l
RT: 3.981 min Scan# 407
Delta R.T. -0.041 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

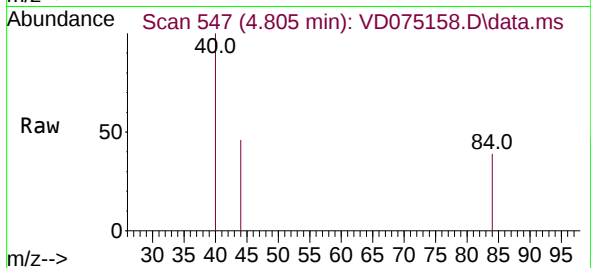
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



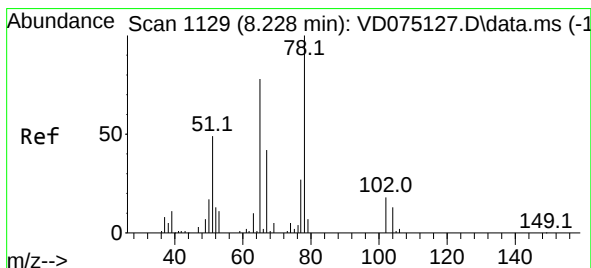
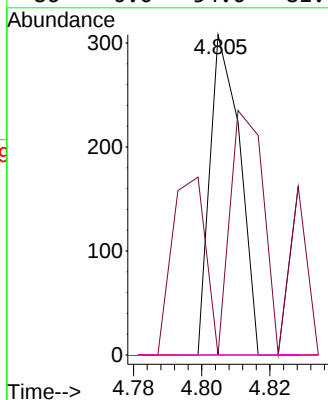
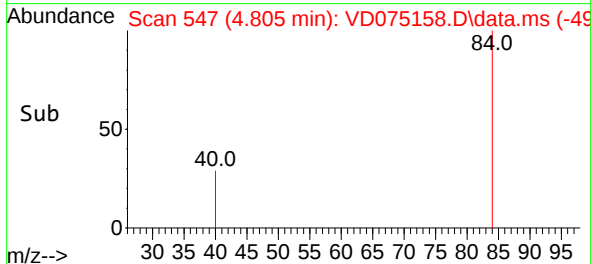


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Instrument :
MSVOA_D
ClientSampleId :
B-P36B

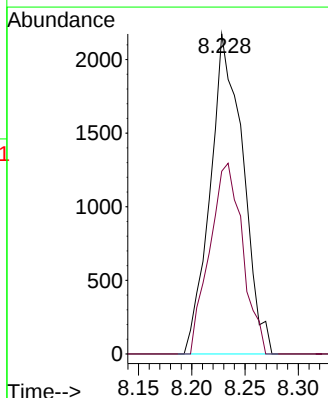
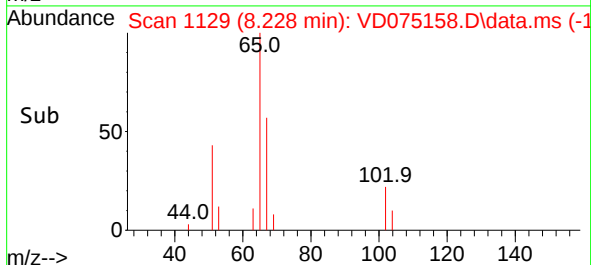
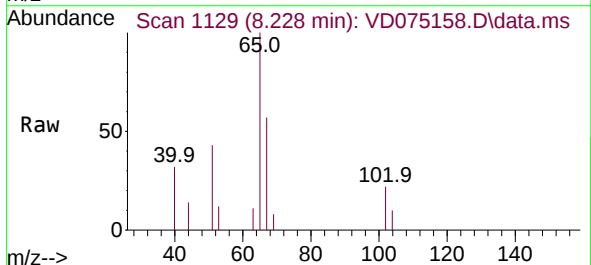


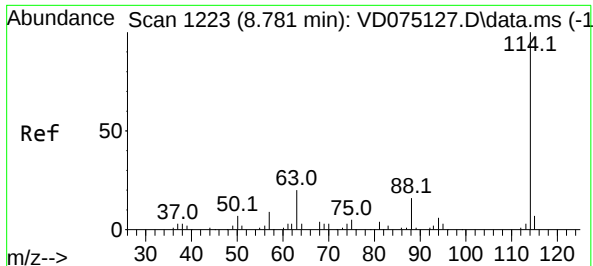
Tgt Ion:	84	Resp:	188
Ion	Ratio	Lower	Upper
84	100		
49	0.0	97.0	145.6#
51	0.0	30.9	46.3#
86	0.0	54.0	81.0#



#33
1,2-Dichloroethane-d4
Concen: 92.467 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Tgt Ion:	65	Resp:	4647
Ion	Ratio	Lower	Upper
65	100		
67	60.0	0.0	105.2

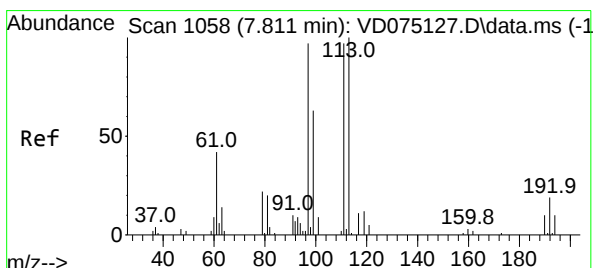
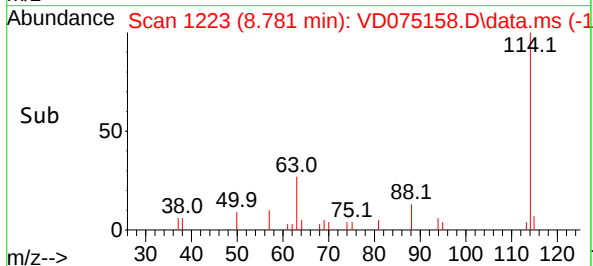
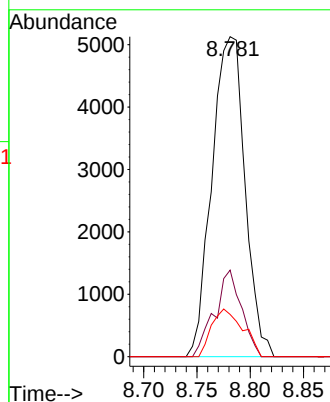
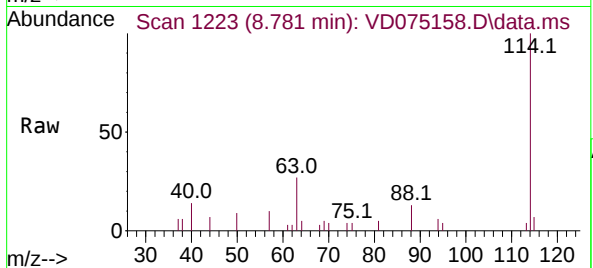




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11060
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

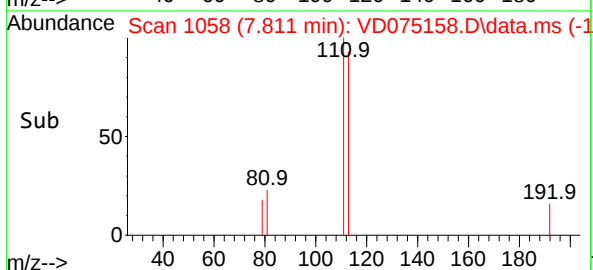
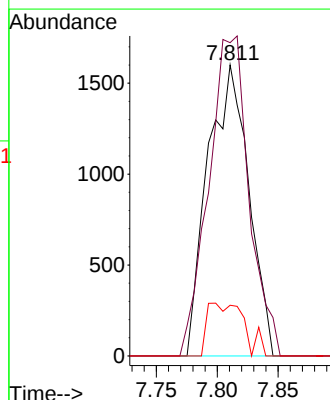
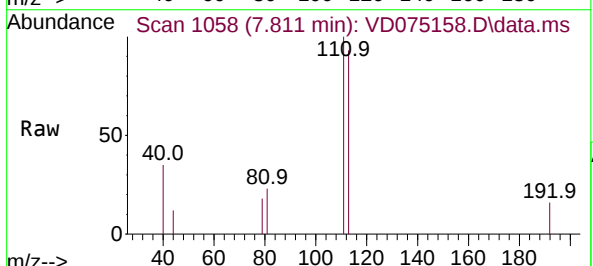
Instrument :
MSVOA_D
ClientSampleId :
B-P36B

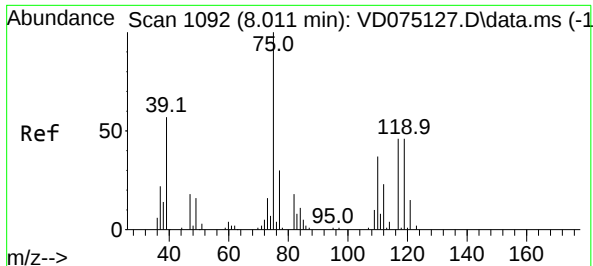
Tgt Ion:114	Resp:	11060
Ion Ratio	Lower	Upper
114	100	
63	27.0	0.0 40.2
88	13.2	0.0 32.2



#35
Dibromofluoromethane
Concen: 56.066 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Tgt Ion:113	Resp:	3747
Ion Ratio	Lower	Upper
113	100	
111	108.0	80.1 120.1
192	16.4	15.4 23.0





#36

1,1-Dichloropropene

Concen: 1.304 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.124 min

Lab File: VD075158.D

Acq: 20 Jan 2023 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-P36B

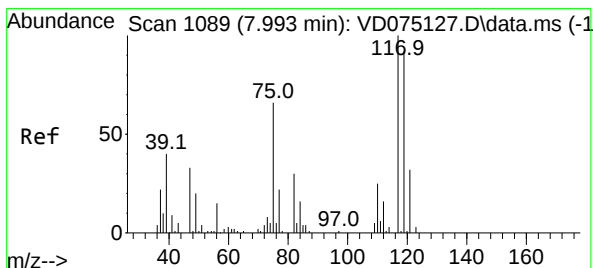
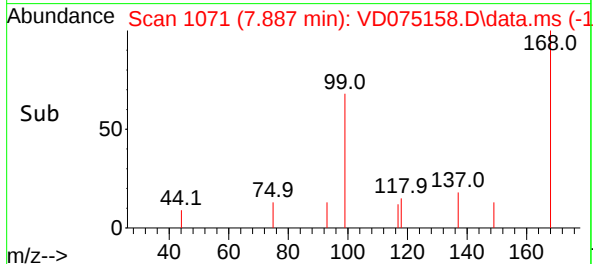
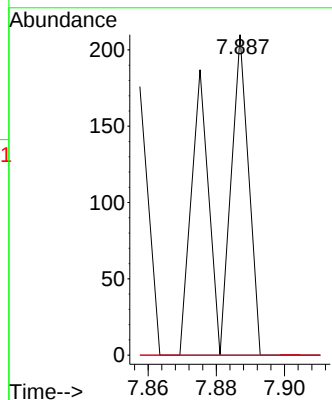
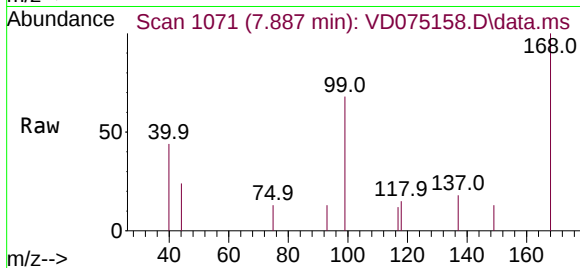
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.303 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075158.D

Acq: 20 Jan 2023 17:26

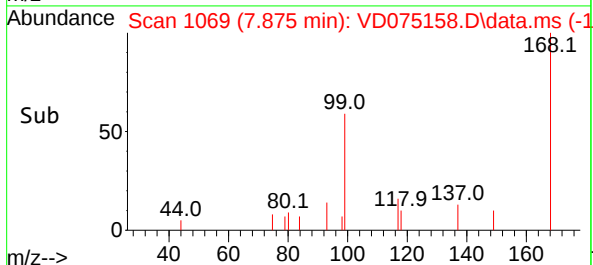
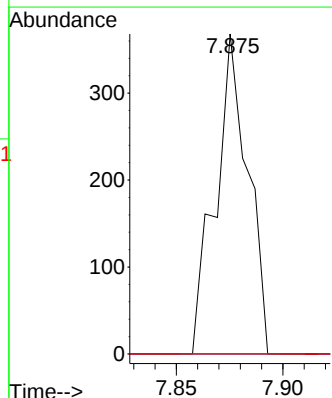
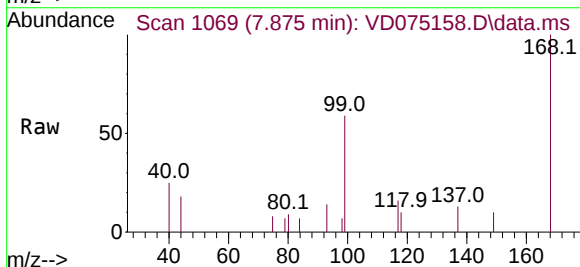
Tgt Ion: 117 Resp: 389

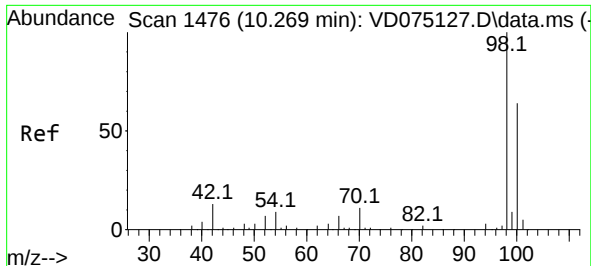
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

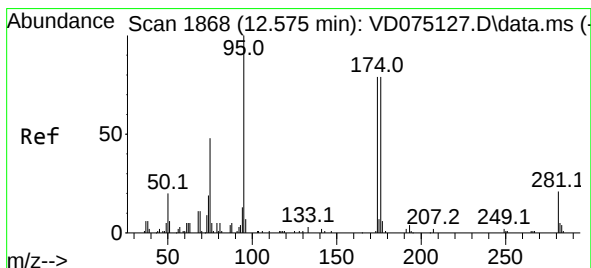
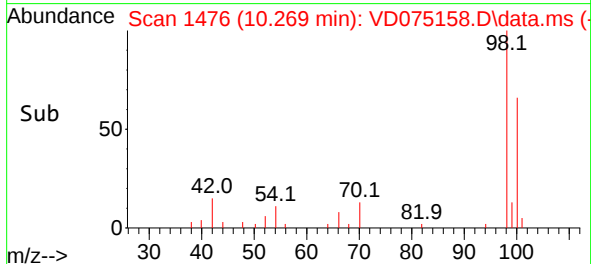
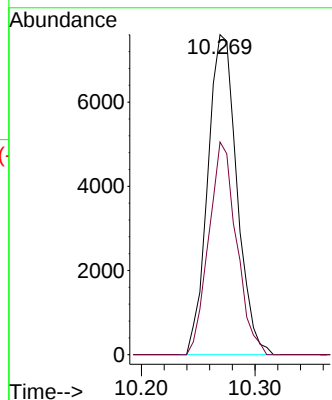
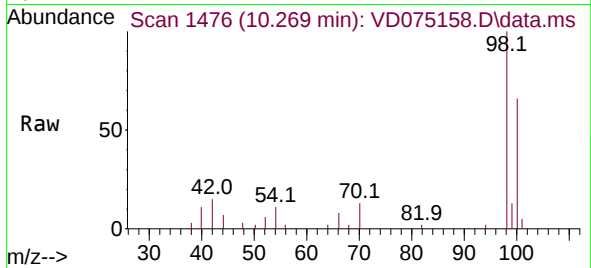




#50
Toluene-d8
Concen: 51.462 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

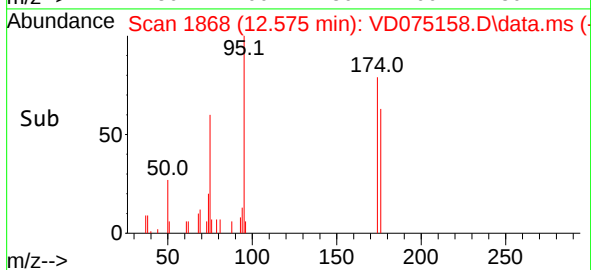
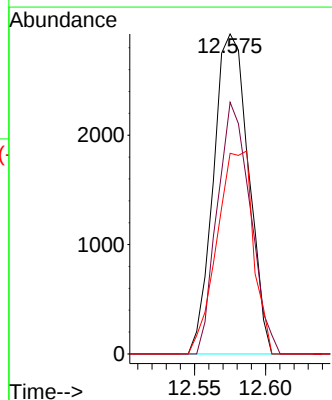
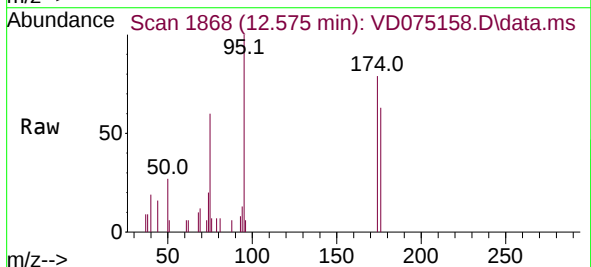
Instrument :
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ClientSampleId :
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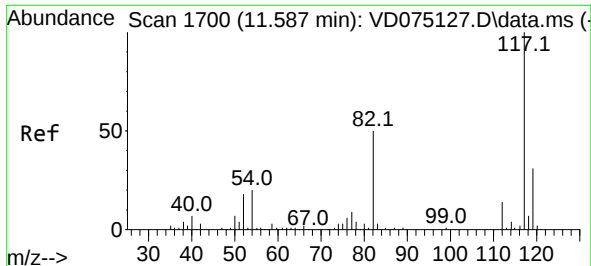
Tgt Ion: 98 Resp: 13542
Ion Ratio Lower Upper
98 100
100 63.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 60.086 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Tgt Ion: 95 Resp: 5018
Ion Ratio Lower Upper
95 100
174 74.2 0.0 161.2
176 65.9 0.0 160.2

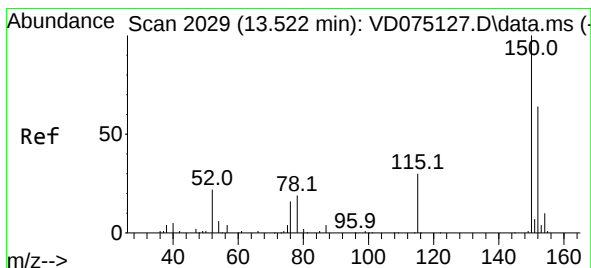
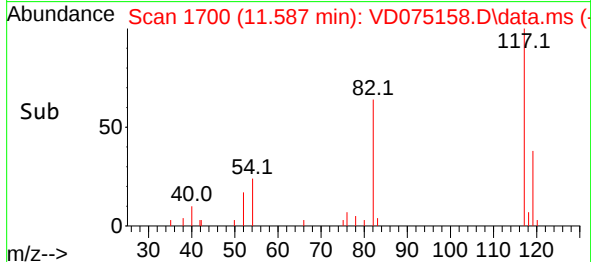
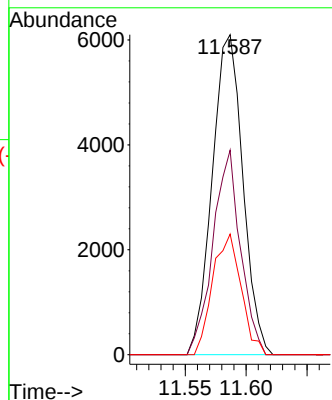
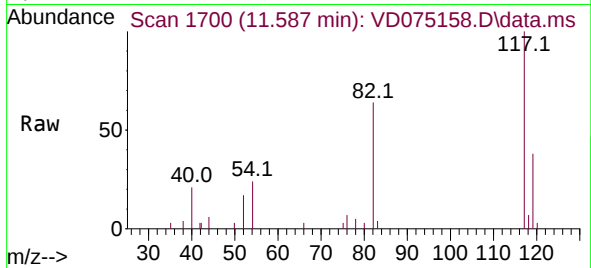




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

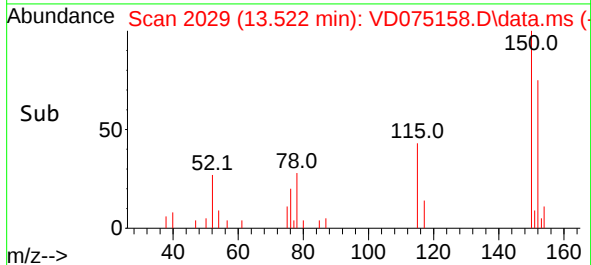
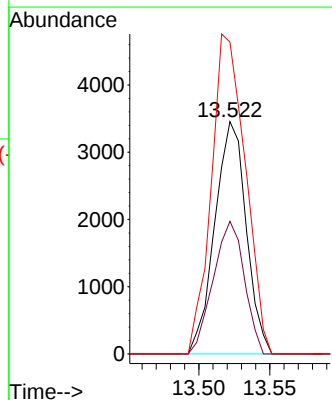
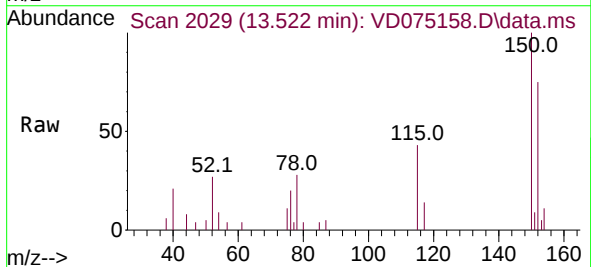
Instrument :
MSVOA_D
ClientSampleId :
B-P36B

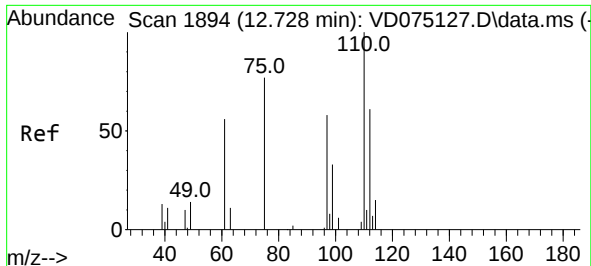
Tgt Ion:117 Resp: 10688
Ion Ratio Lower Upper
117 100
82 63.9 39.6 59.4#
119 37.7 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Tgt Ion:152 Resp: 5310
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.4
150 149.2 0.0 348.6

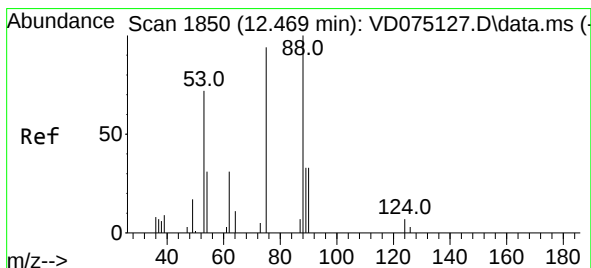
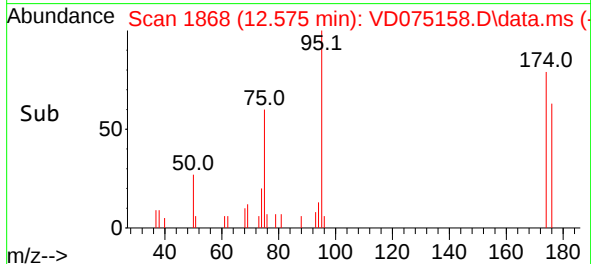
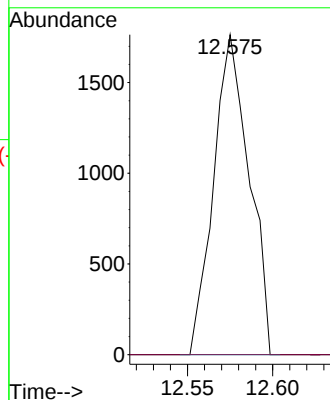
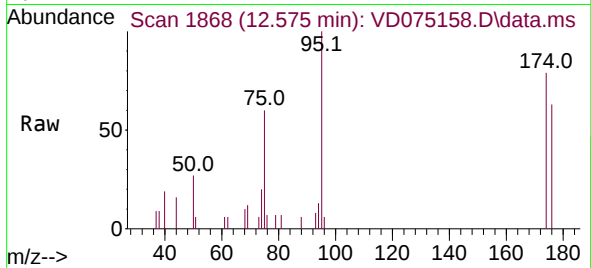




#76
1,2,3-Trichloropropane
Concen: 57.014 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Instrument :
MSVOA_D
ClientSampleId :
B-P36B

Tgt Ion: 75 Resp: 2564
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 132.247 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075158.D
Acq: 20 Jan 2023 17:26

Tgt Ion: 75 Resp: 2564
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

