

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075204.D
 Acq On : 25 Jan 2023 17:26
 Operator : KP/SY
 Sample : 01310-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Jan 26 03:50:44 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)

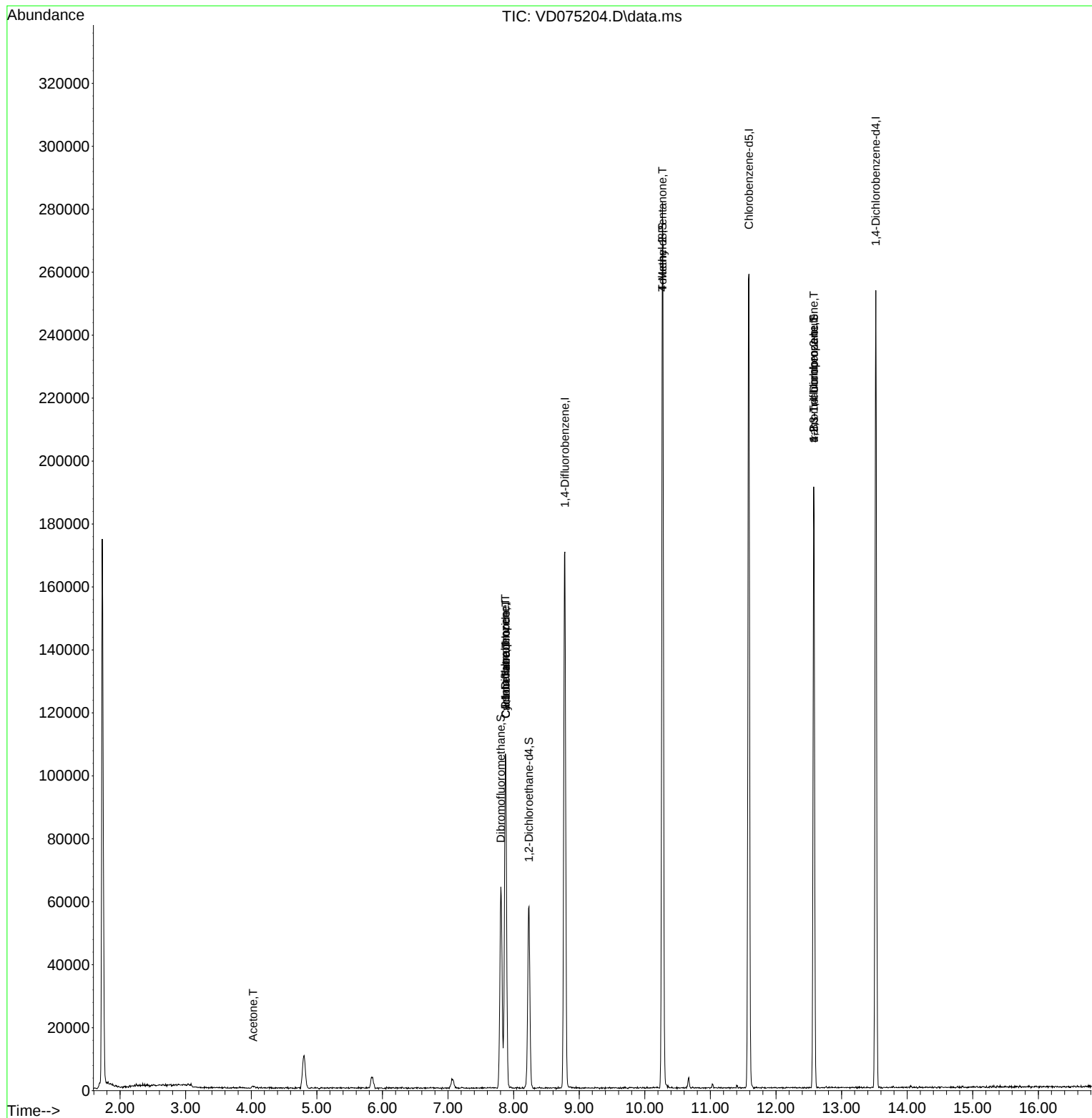
Internal Standards						
1) Pentafluorobenzene	7.875	168	78341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	146186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44724	55.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.900%	
35) Dibromofluoromethane	7.805	113	46134	50.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.269	98	190386	53.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.575	95	60607	53.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1165	5.525	ug/l #	42
20) Methylene Chloride	4.799	84	8074	Below Cal	#	93
31) Cyclohexane	7.881	56	2037	1.271	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	6723	4.588	ug/l #	46
38) Carbon Tetrachloride	7.881	117	8493	6.884	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	981	1.778	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32460	59.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32460	139.003	ug/l #	14

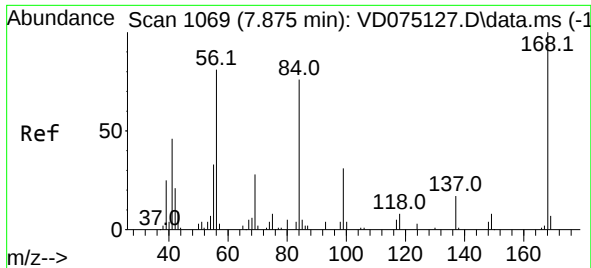
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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Quant Time: Jan 26 03:50:44 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

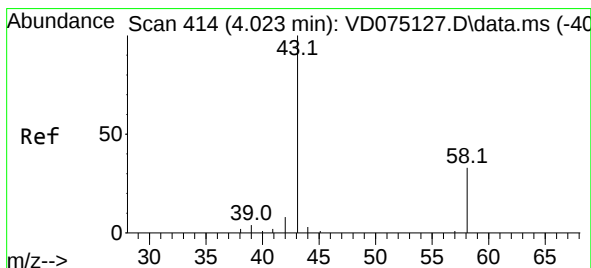
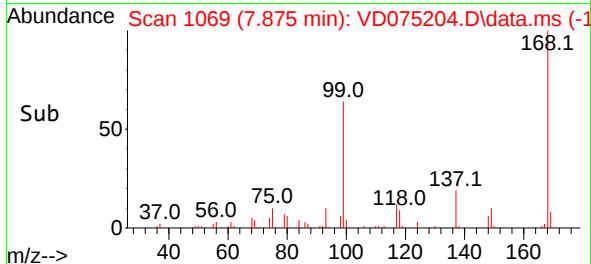
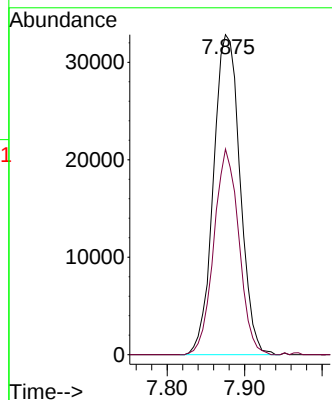
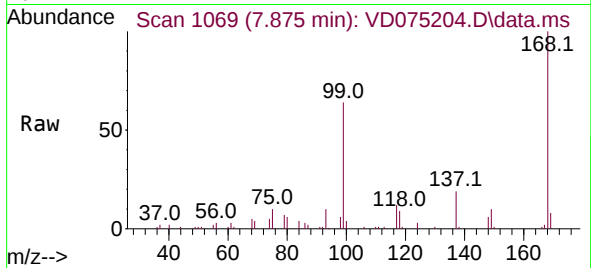




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

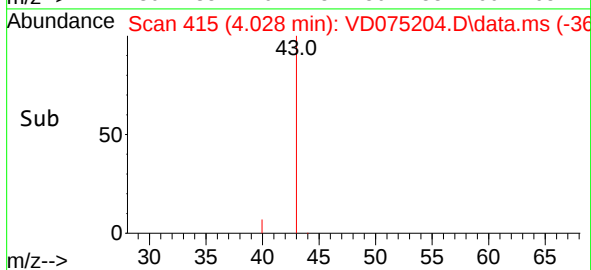
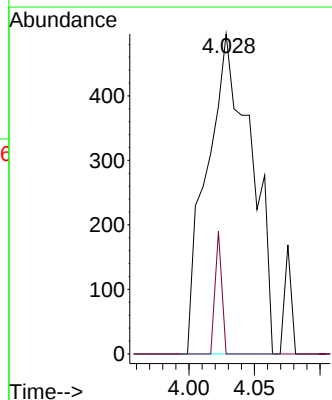
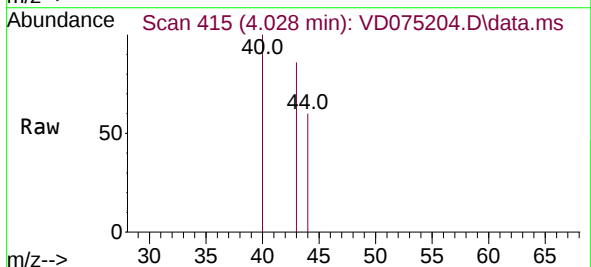
Instrument :
MSVOA_D
ClientSampleId :
S-1

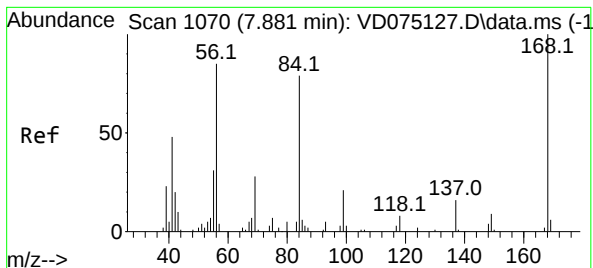
Tgt Ion:168 Resp: 78341
Ion Ratio Lower Upper
168 100
99 64.3 45.2 67.8



#16
Acetone
Concen: 5.525 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#31

Cyclohexane

Concen: 1.271 ug/l

RT: 7.881 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075204.D

Acq: 25 Jan 2023 17:26

Instrument :

MSVOA_D

ClientSampleId :

S-1

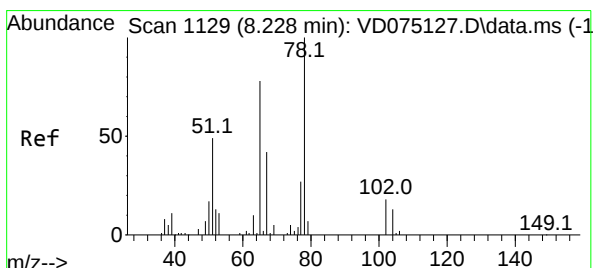
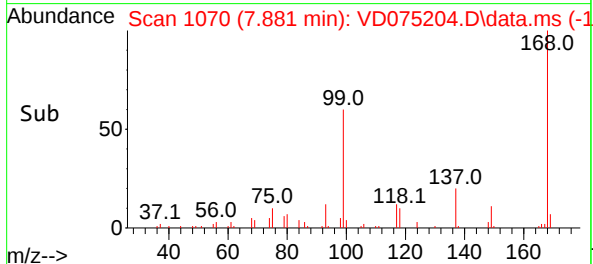
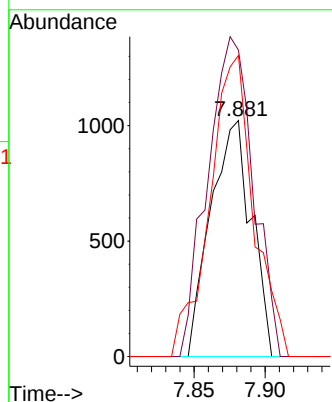
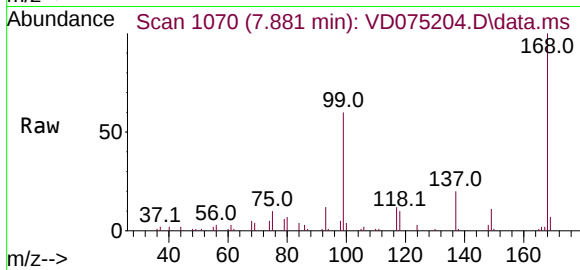
Tgt Ion: 56 Resp: 2037

Ion Ratio Lower Upper

56 100

69 129.8 26.6 40.0#

84 111.9 74.1 111.1#



#33

1,2-Dichloroethane-d4

Concen: 55.946 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075204.D

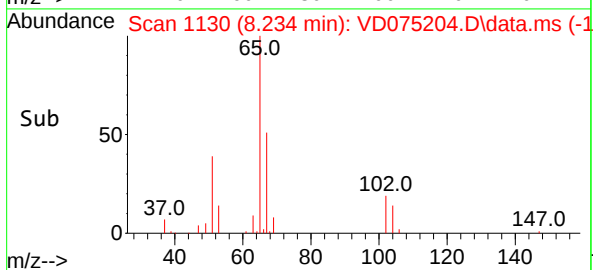
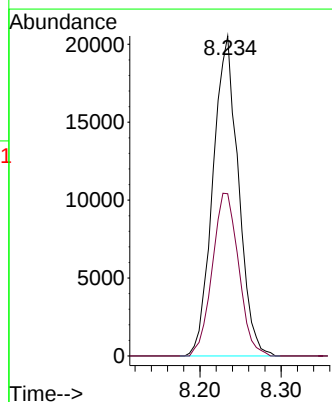
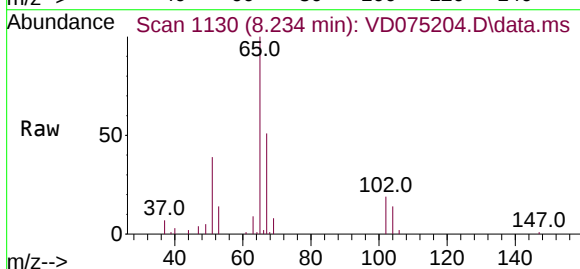
Acq: 25 Jan 2023 17:26

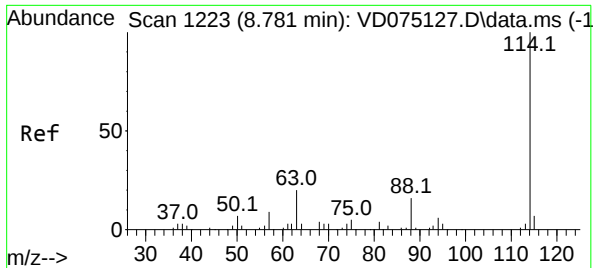
Tgt Ion: 65 Resp: 44724

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.2

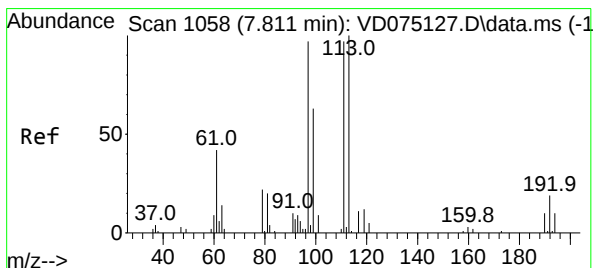
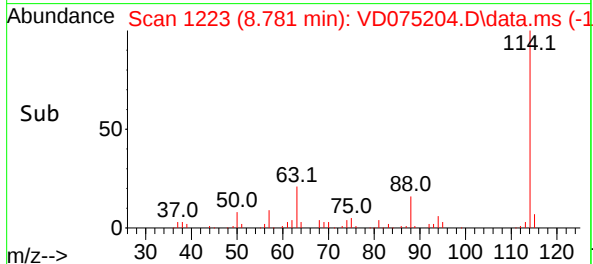
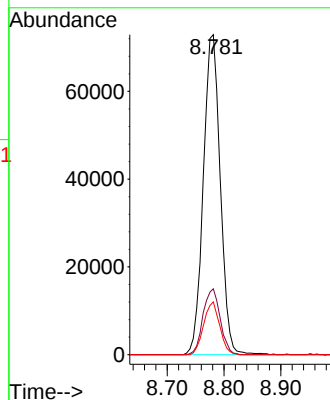
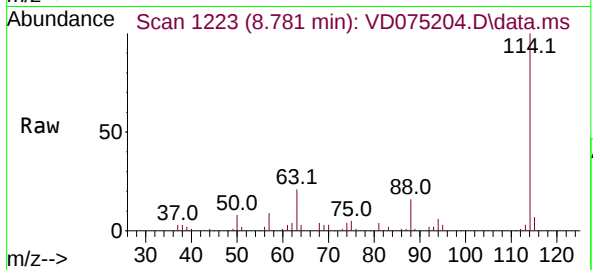




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

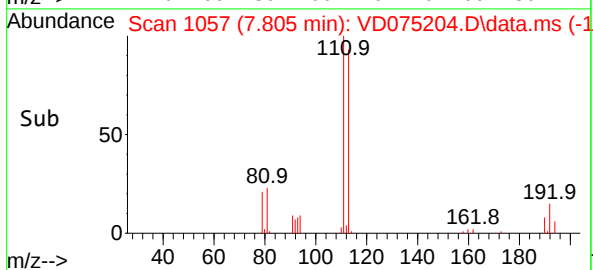
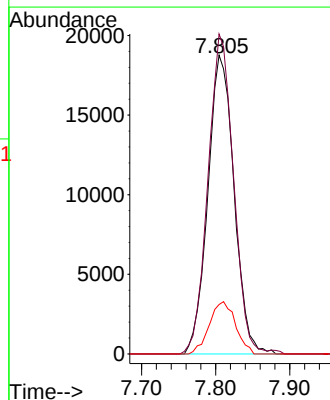
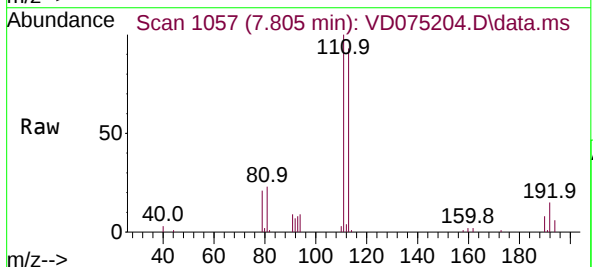
Instrument :
MSVOA_D
ClientSampleId :
S-1

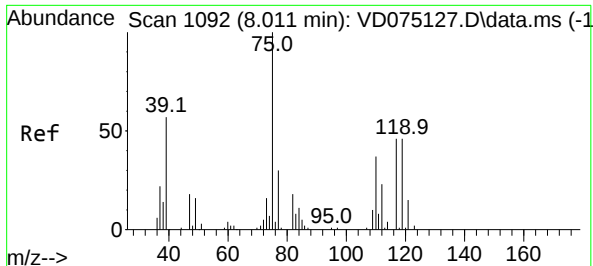
Tgt Ion:114 Resp: 150928
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.2
88 16.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.585 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion:113 Resp: 46134
Ion Ratio Lower Upper
113 100
111 103.9 80.1 120.1
192 17.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.588 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075204.D

Acq: 25 Jan 2023 17:26

Instrument :

MSVOA_D

ClientSampleId :

S-1

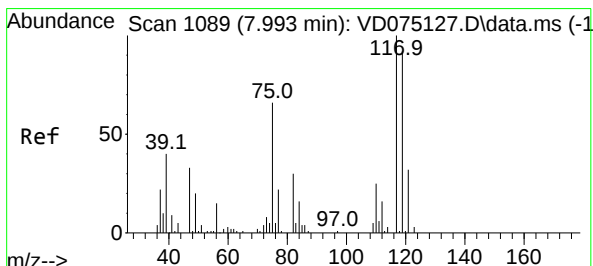
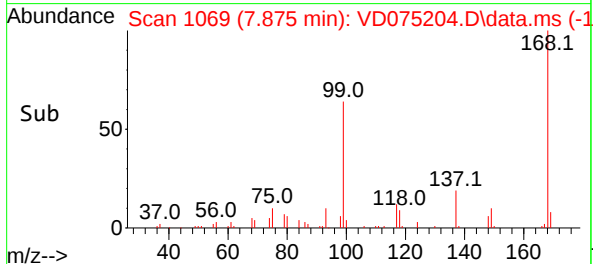
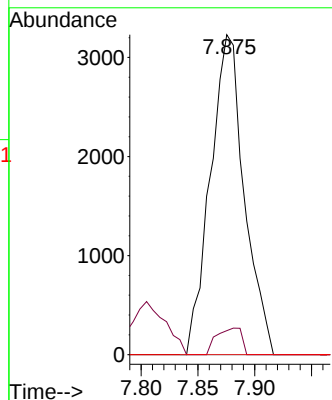
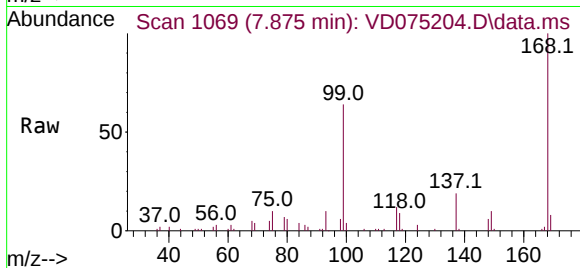
Tgt Ion: 75 Resp: 6723

Ion Ratio Lower Upper

75 100

110 6.1 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.884 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD075204.D

Acq: 25 Jan 2023 17:26

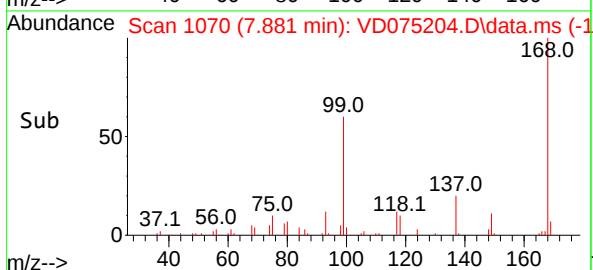
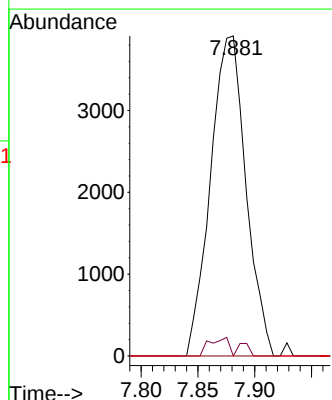
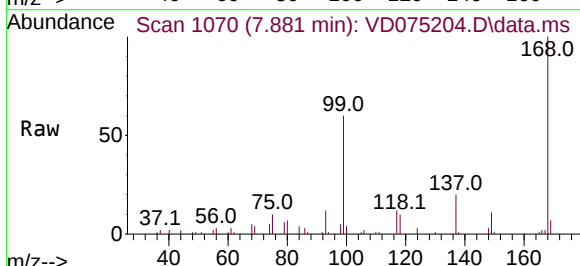
Tgt Ion: 117 Resp: 8493

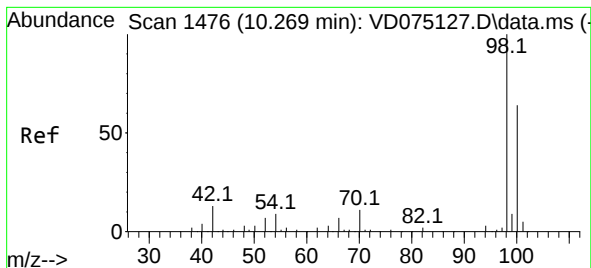
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 53.019 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075204.D

Acq: 25 Jan 2023 17:26

Instrument :

MSVOA_D

ClientSampleId :

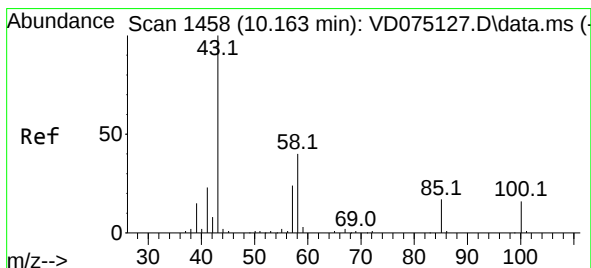
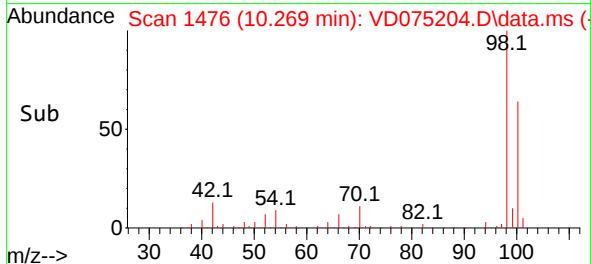
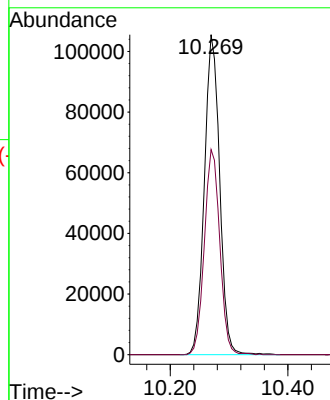
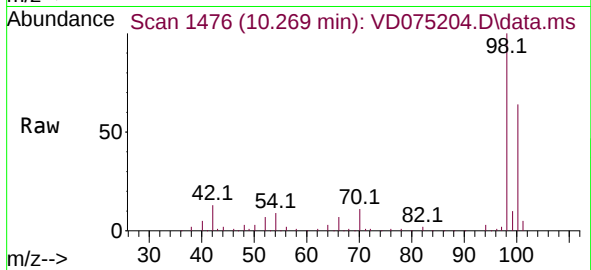
S-1

Tgt Ion: 98 Resp: 190386

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 1.778 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.106 min

Lab File: VD075204.D

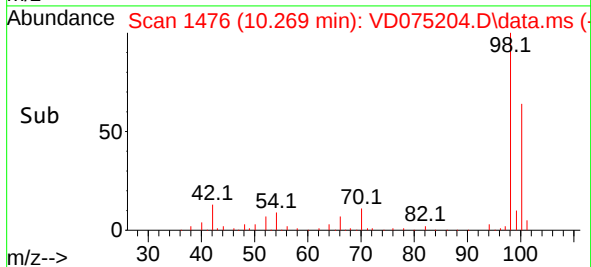
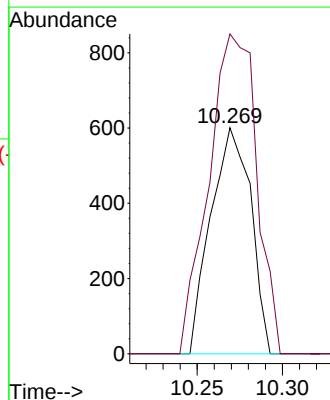
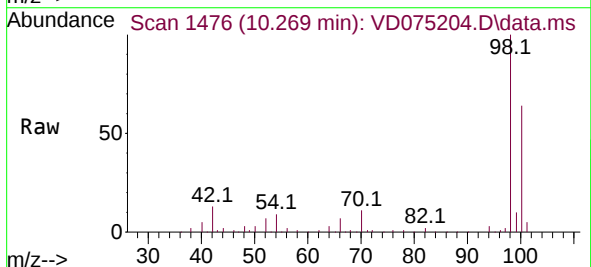
Acq: 25 Jan 2023 17:26

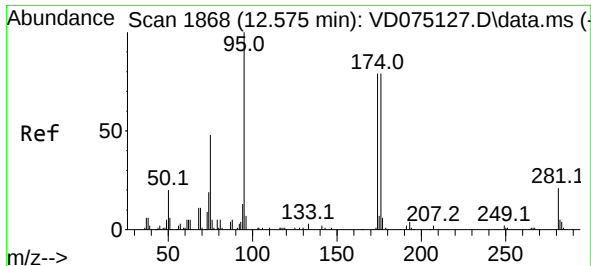
Tgt Ion: 43 Resp: 981

Ion Ratio Lower Upper

43 100

58 169.6 31.4 47.0#

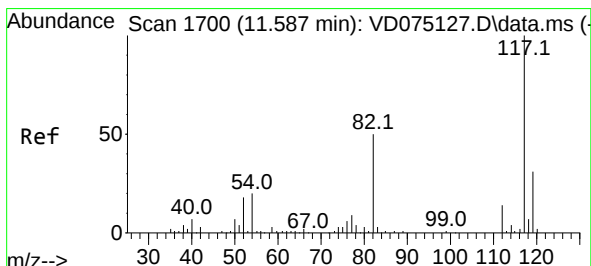
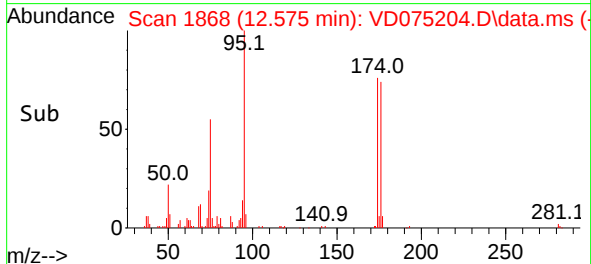
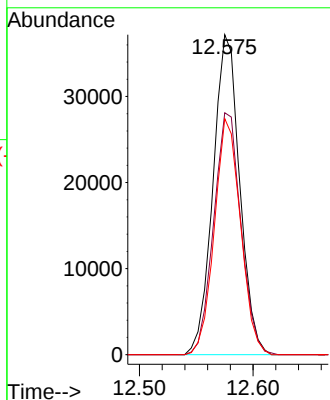
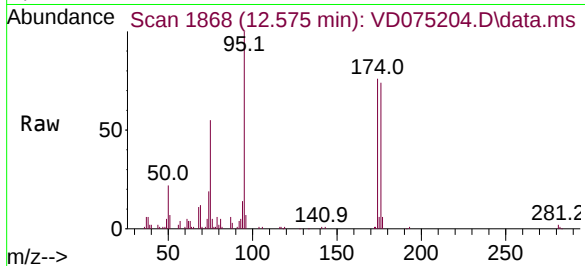




#62
4-Bromofluorobenzene
Concen: 53.180 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

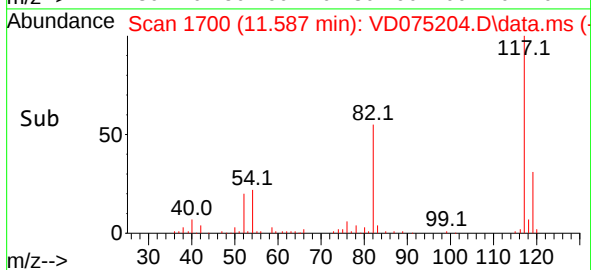
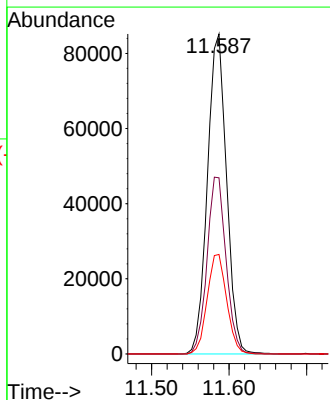
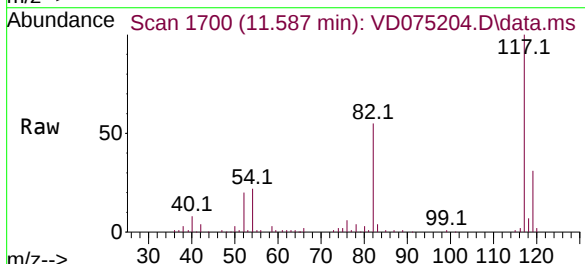
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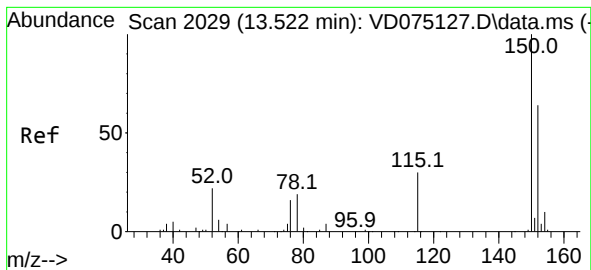
Tgt Ion: 95 Resp: 60607
Ion Ratio Lower Upper
95 100
174 77.2 0.0 161.2
176 72.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VD075204.D
Acq: 25 Jan 2023 17:26

Tgt Ion: 117 Resp: 146186
Ion Ratio Lower Upper
117 100
82 55.1 39.6 59.4
119 31.1 24.6 37.0

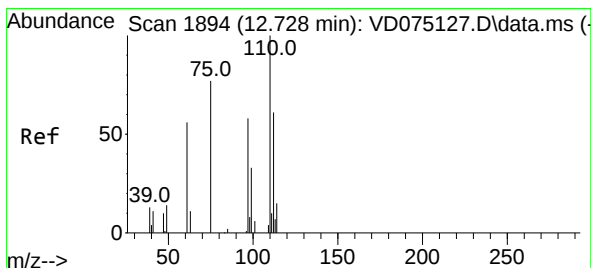
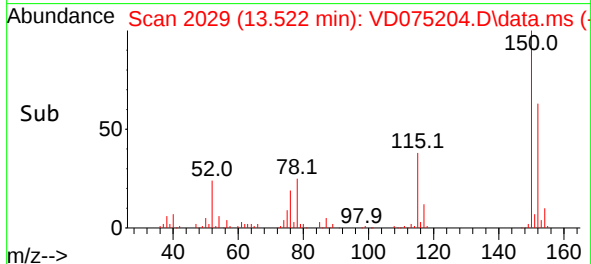
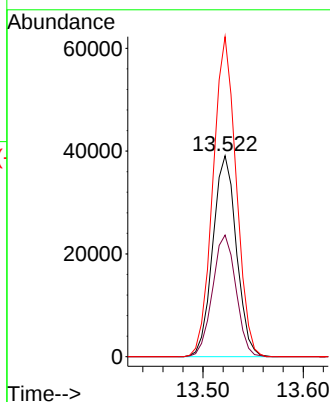
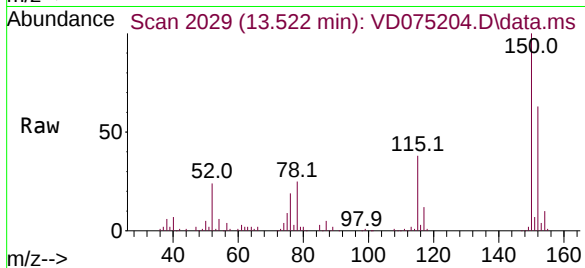




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD075204.D
 Acq: 25 Jan 2023 17:26

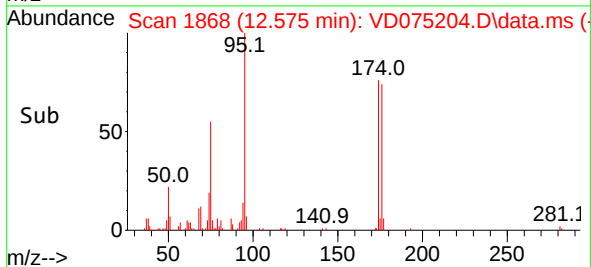
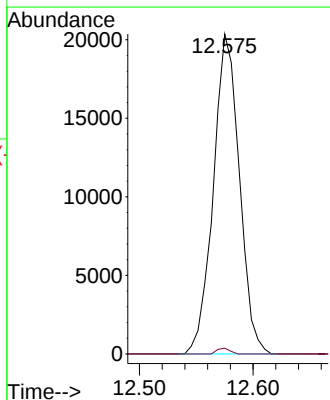
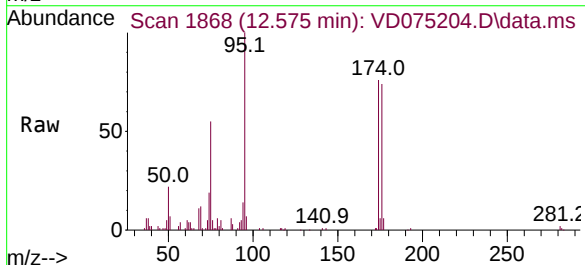
Instrument :
 MSVOA_D
 ClientSampleId :
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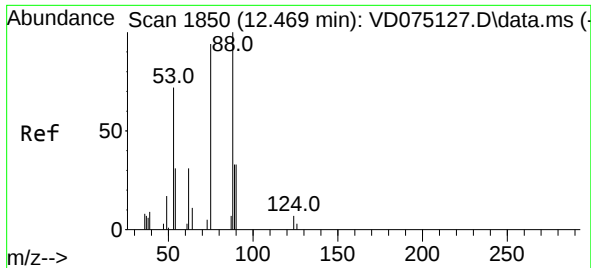
Tgt Ion:152 Resp: 63957
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.4
 150 156.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 59.926 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075204.D
 Acq: 25 Jan 2023 17:26

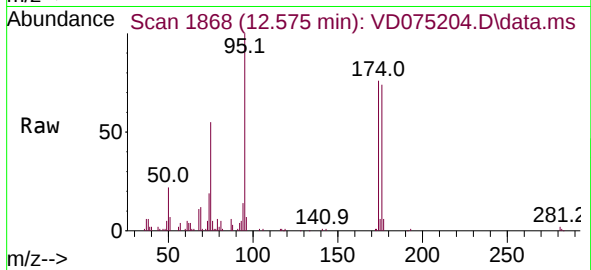
Tgt Ion: 75 Resp: 32460
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.003 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075204.D
 Acq: 25 Jan 2023 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1



Tgt Ion: 75 Resp: 32460
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

