

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075148.D
 Acq On : 20 Jan 2023 12:51
 Operator : KP/SY
 Sample : VD0120SBL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL05

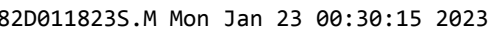
Quant Time: Jan 23 00:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

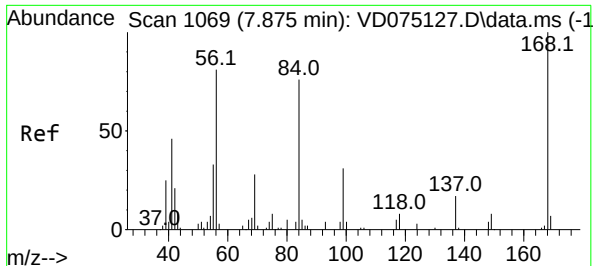
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	89239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	189250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	172678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51714	56.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.810	113	57580	50.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.700%	
50) Toluene-d8	10.269	98	236359	52.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.575	95	72986	51.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.140%	
Target Compounds						Qvalue
20) Methylene Chloride	4.810	84	6837	Below Cal		91
31) Cyclohexane	7.869	56	2334	1.278	ug/l #	44
36) 1,1-Dichloropropene	7.869	75	7665	4.172	ug/l #	48
38) Carbon Tetrachloride	7.875	117	9479	6.127	ug/l #	20
76) 1,2,3-Trichloropropane	12.575	75	37818	60.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37818	139.255	ug/l #	14

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

Quant Time: Jan 23 00:30:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

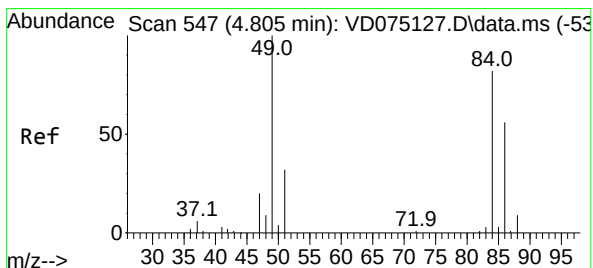
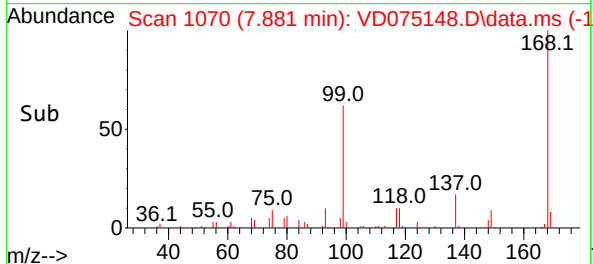
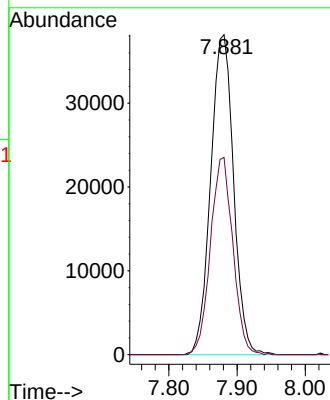
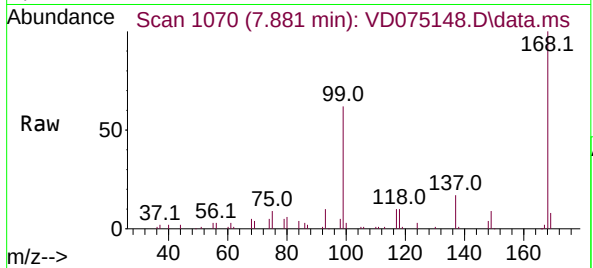




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

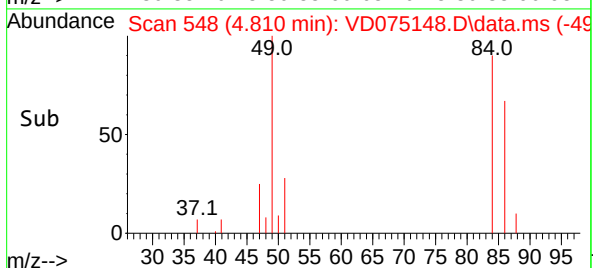
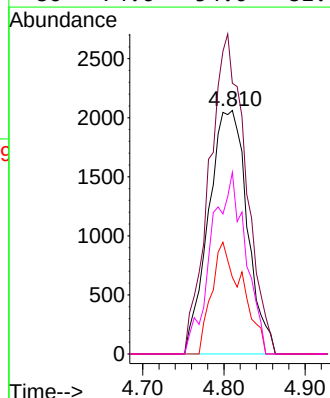
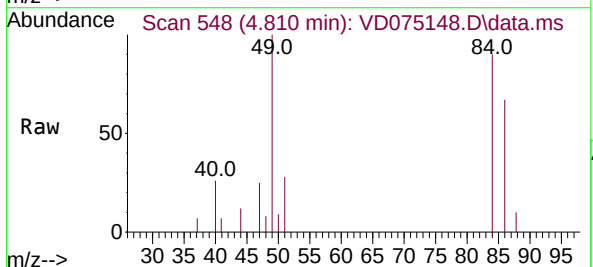
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL05

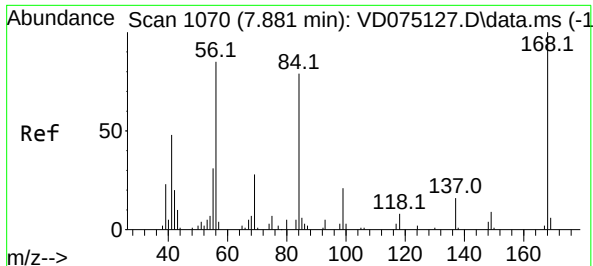
Tgt Ion:168 Resp: 89239
Ion Ratio Lower Upper
168 100
99 61.6 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Tgt Ion: 84 Resp: 6837
Ion Ratio Lower Upper
84 100
49 111.2 97.0 145.6
51 31.5 30.9 46.3
86 74.6 54.0 81.0

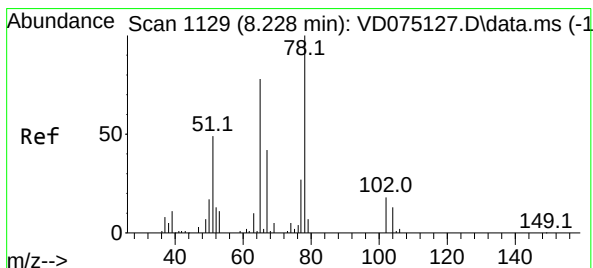
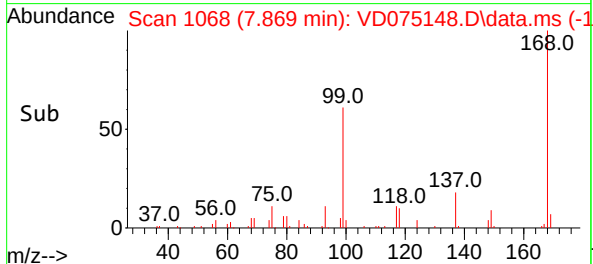
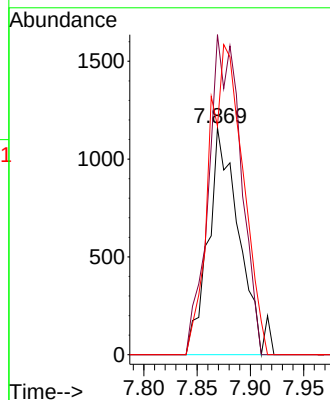
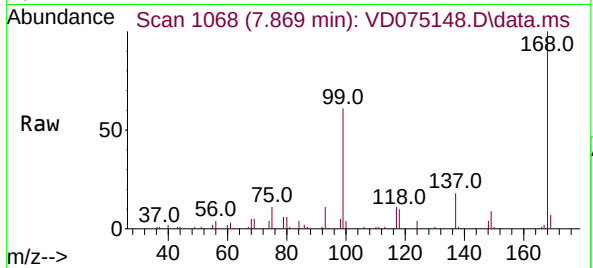




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.012 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

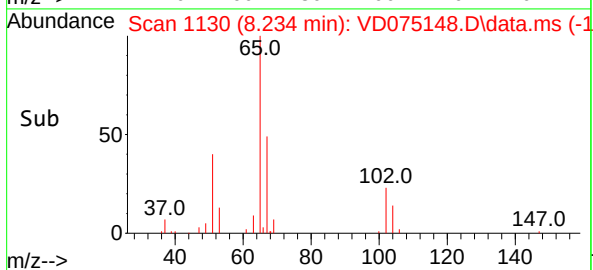
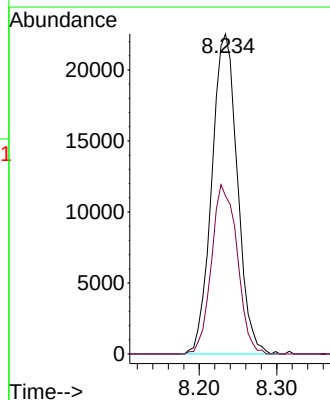
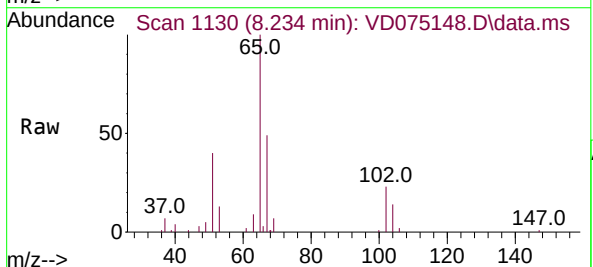
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL05

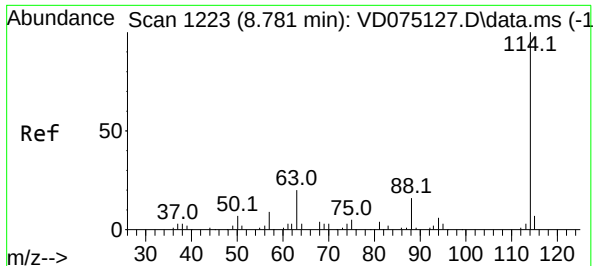
Tgt Ion: 56 Resp: 2334
Ion Ratio Lower Upper
56 100
69 141.0 26.6 40.0#
84 100.7 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 56.790 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Tgt Ion: 65 Resp: 51714
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075148.D

Acq: 20 Jan 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL05

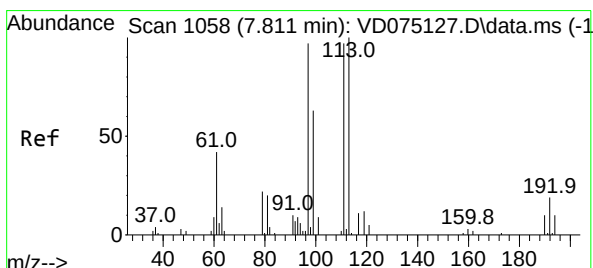
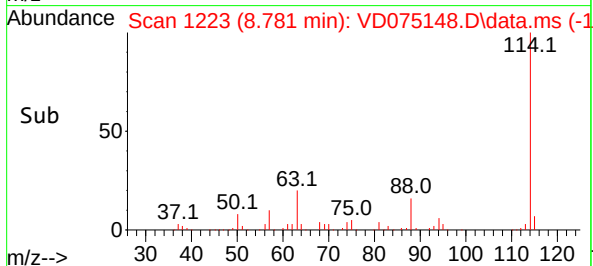
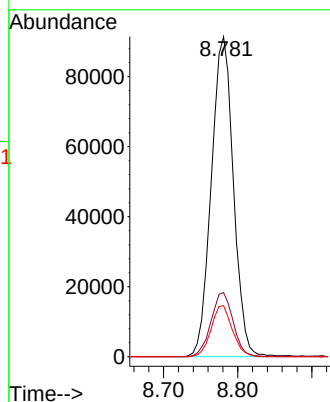
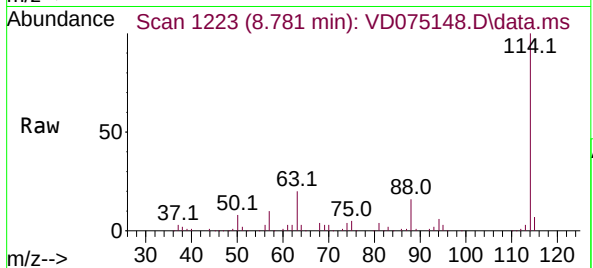
Tgt Ion:114 Resp: 189250

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.351 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075148.D

Acq: 20 Jan 2023 12:51

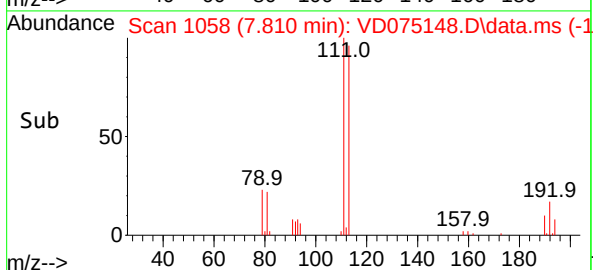
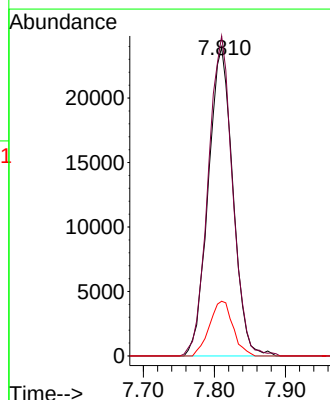
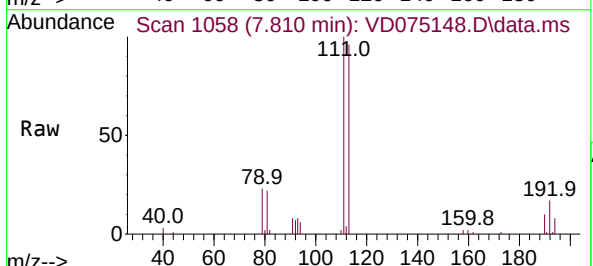
Tgt Ion:113 Resp: 57580

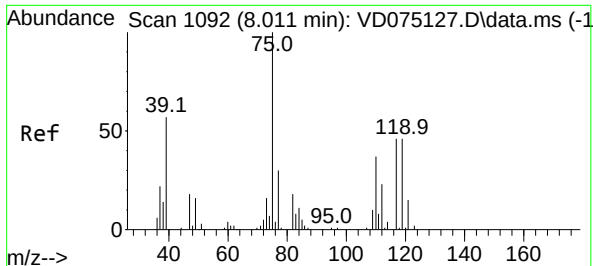
Ion Ratio Lower Upper

113 100

111 103.1 80.1 120.1

192 16.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.172 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075148.D

Acq: 20 Jan 2023 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL05

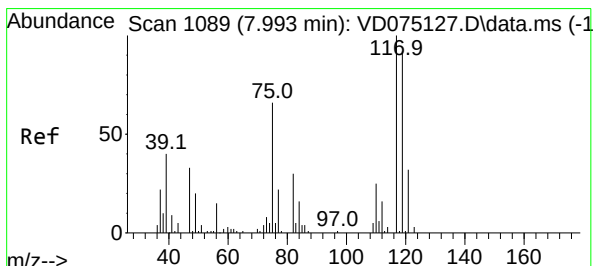
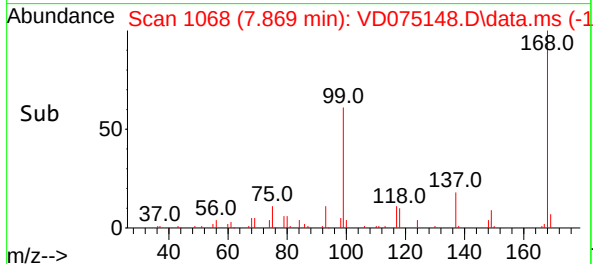
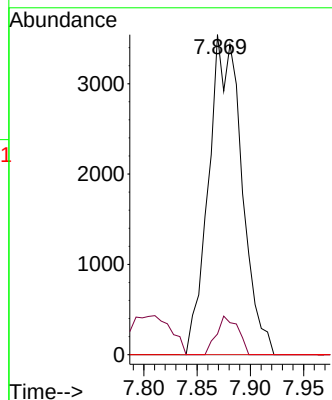
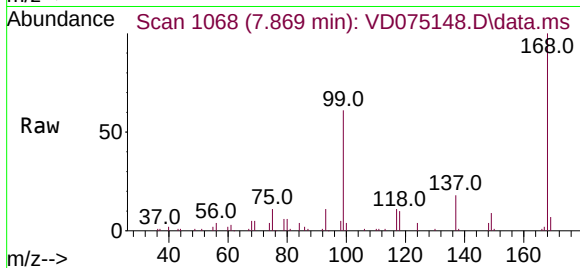
Tgt Ion: 75 Resp: 7665

Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075148.D

Acq: 20 Jan 2023 12:51

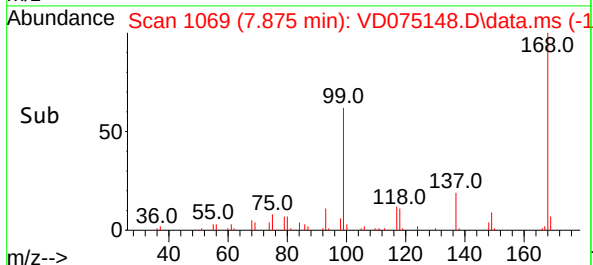
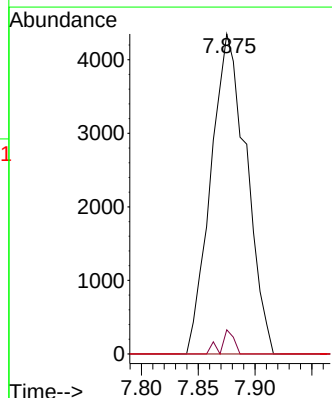
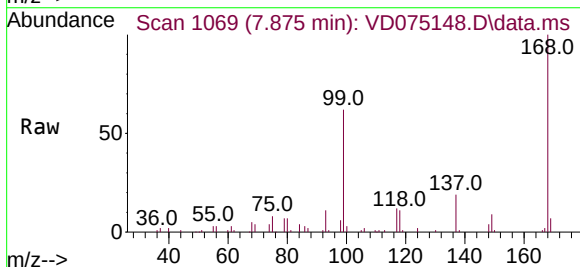
Tgt Ion: 117 Resp: 9479

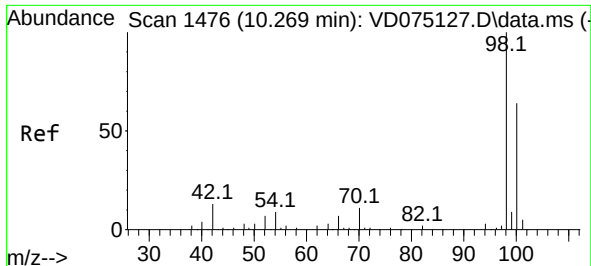
Ion Ratio Lower Upper

117 100

119 7.5 73.6 110.4#

121 0.0 25.4 38.0#

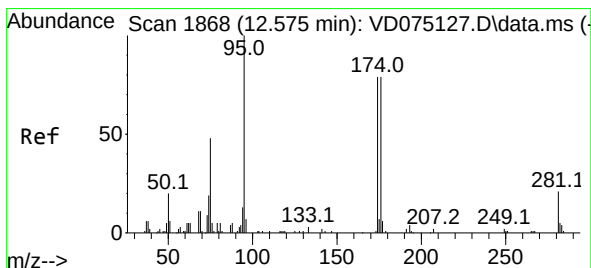
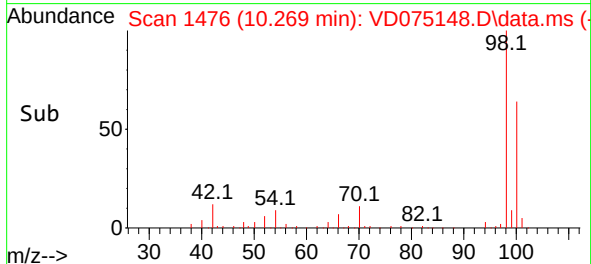
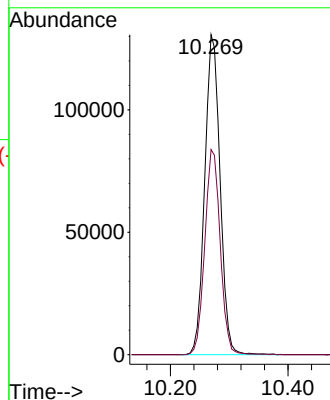
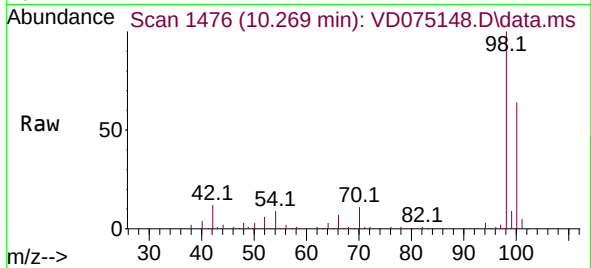




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

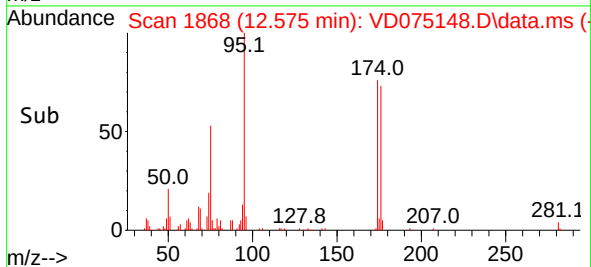
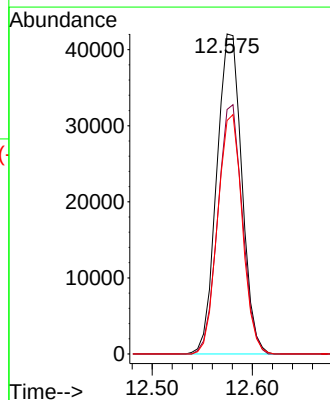
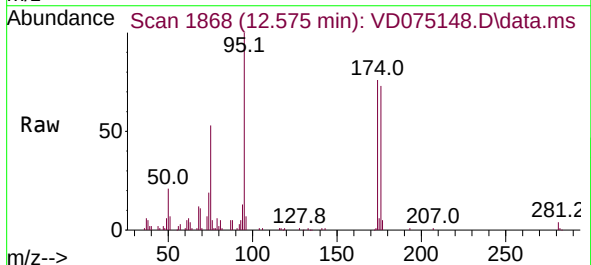
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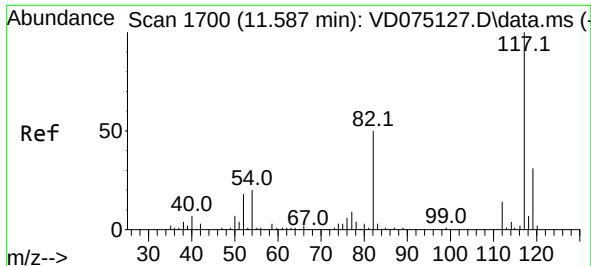
Tgt Ion: 98 Resp: 236359
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.074 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Tgt Ion: 95 Resp: 72986
Ion Ratio Lower Upper
95 100
174 76.5 0.0 161.2
176 73.6 0.0 160.2

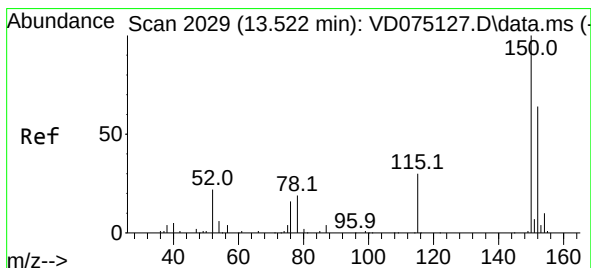
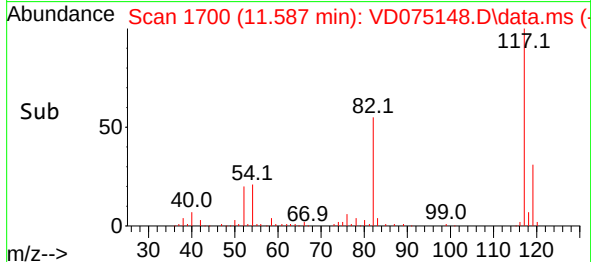
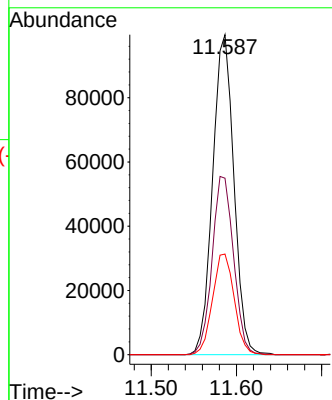
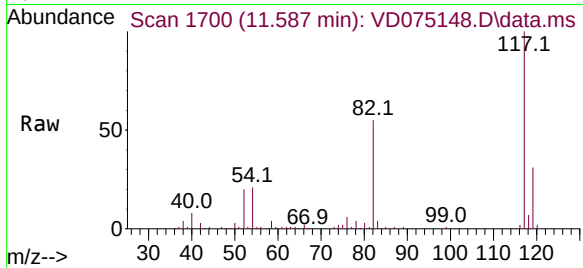




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

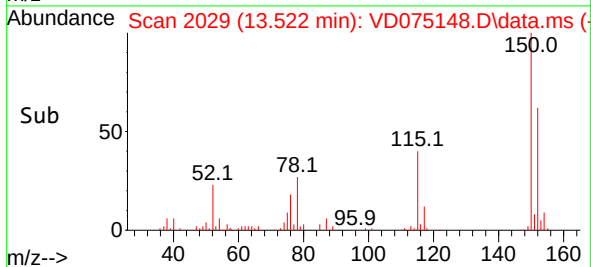
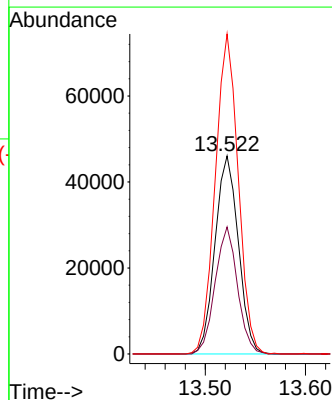
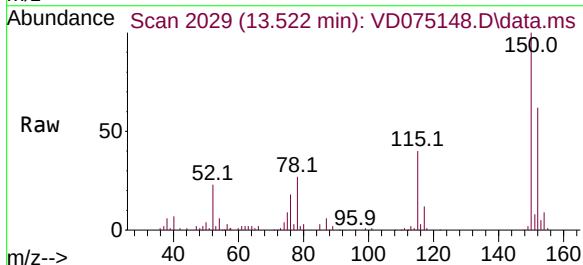
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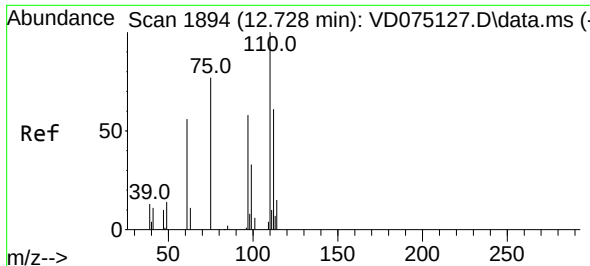
Tgt Ion:117 Resp: 172678
Ion Ratio Lower Upper
117 100
82 55.2 39.6 59.4
119 31.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Tgt Ion:152 Resp: 74379
Ion Ratio Lower Upper
152 100
115 61.4 28.8 86.4
150 158.6 0.0 348.6

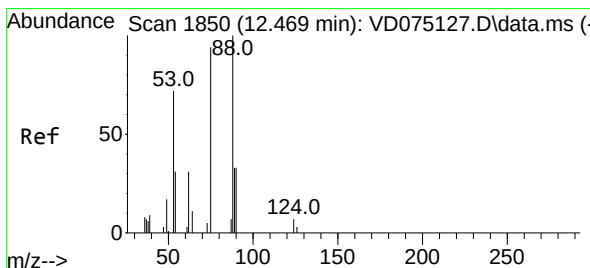
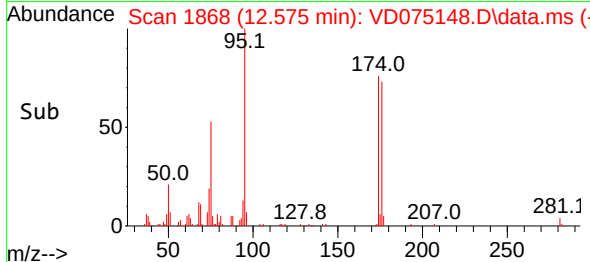
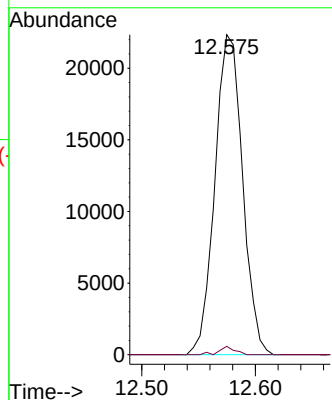
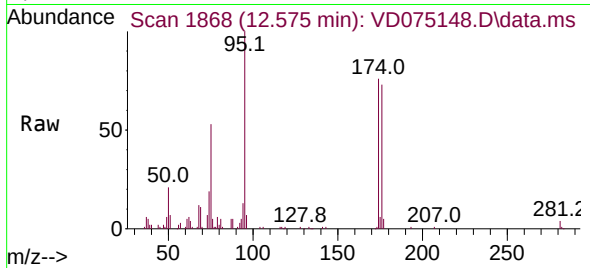




#76
1,2,3-Trichloropropane
Concen: 60.035 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL05

Tgt Ion: 75 Resp: 37818
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.255 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075148.D
Acq: 20 Jan 2023 12:51

Tgt Ion: 75 Resp: 37818
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

