

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075194.D
 Acq On : 25 Jan 2023 10:23
 Operator : KP/SY
 Sample : VD0125SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBL01

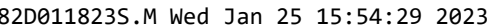
Quant Time: Jan 25 15:54:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

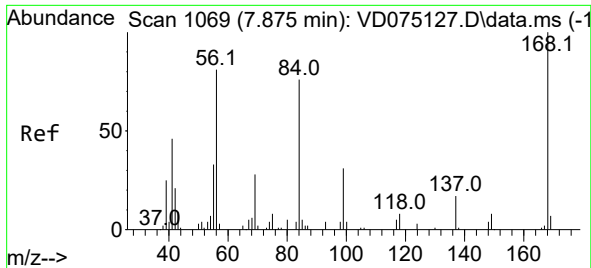
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	79980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	150238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	65035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44013	53.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.804	113	46859	49.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.269	98	193566	52.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.574	95	61577	52.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.804	84	3844	Below Cal		96
31) Cyclohexane	7.881	56	2220	1.356	ug/l #	39
36) 1,1-Dichloropropene	7.875	75	6911	4.567	ug/l #	48
38) Carbon Tetrachloride	7.875	117	8533	6.698	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	1017	1.785	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	32873	59.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	32873	138.438	ug/l #	14

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

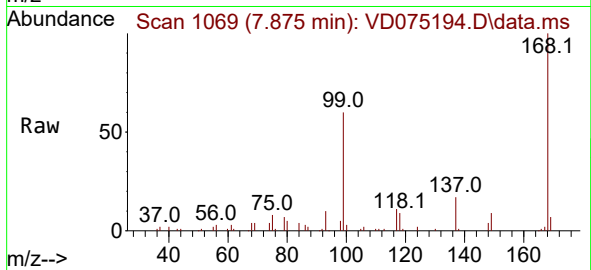
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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



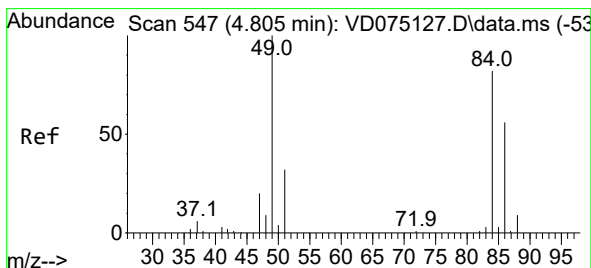
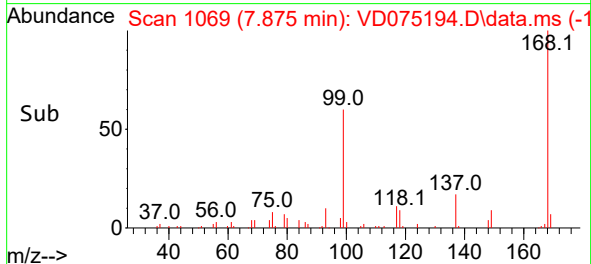
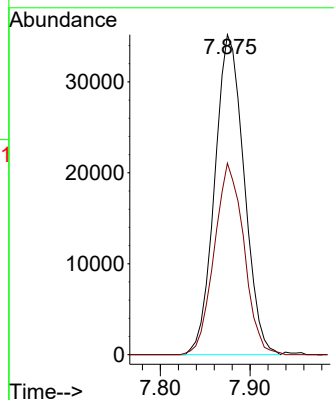


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Instrument :
MSVOA_D
ClientSampleId :
VD0125SBL01

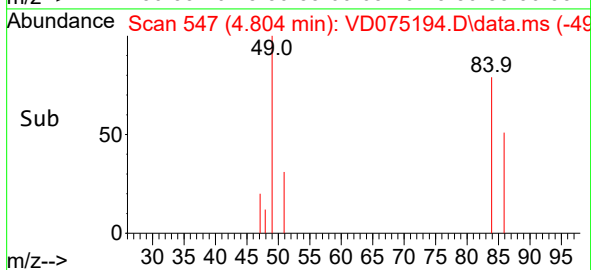
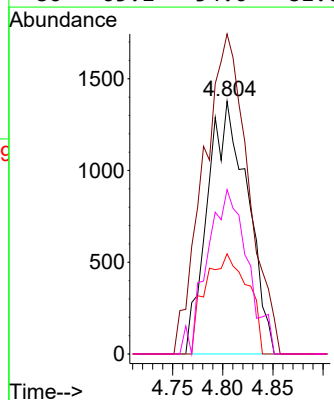
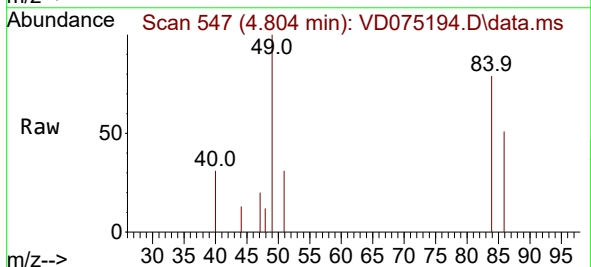


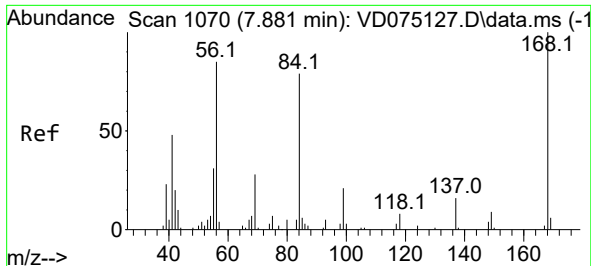
Tgt Ion:168 Resp: 79980
Ion Ratio Lower Upper
168 100
99 59.8 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 547
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 84 Resp: 3844
Ion Ratio Lower Upper
84 100
49 126.7 97.0 145.6
51 39.7 30.9 46.3
86 65.1 54.0 81.0

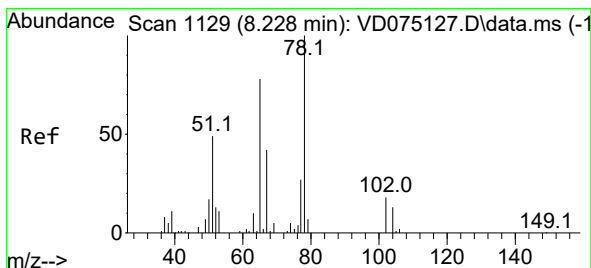
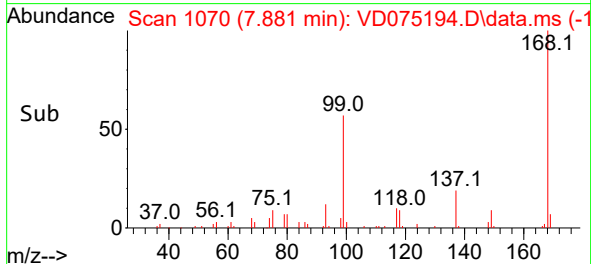
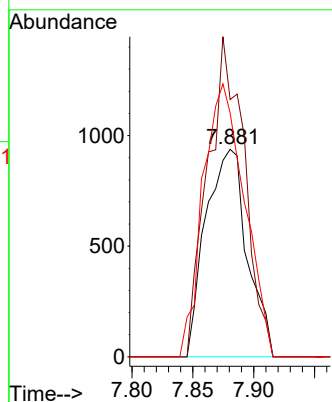
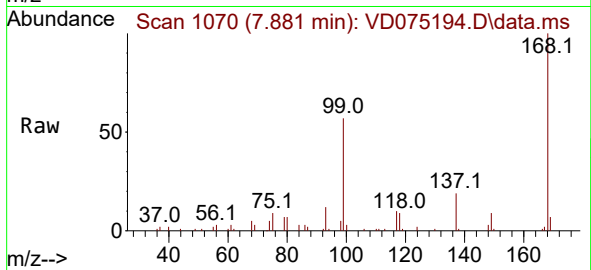




#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

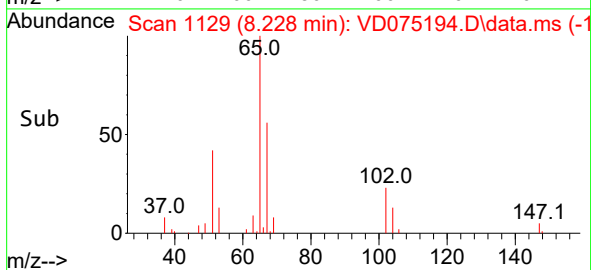
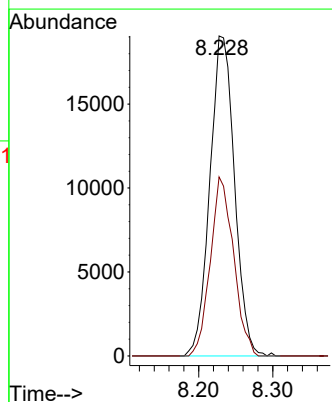
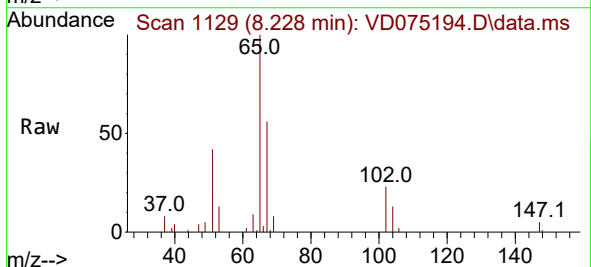
Instrument :
MSVOA_D
ClientSampleId :
VD0125SBL01

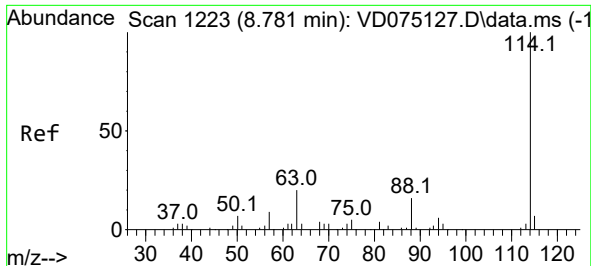
Tgt Ion: 56 Resp: 2220
Ion Ratio Lower Upper
56 100
69 124.0 26.6 40.0#
84 117.6 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 53.929 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 65 Resp: 44013
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

Instrument :

MSVOA_D

ClientSampleId :

VD0125SBL01

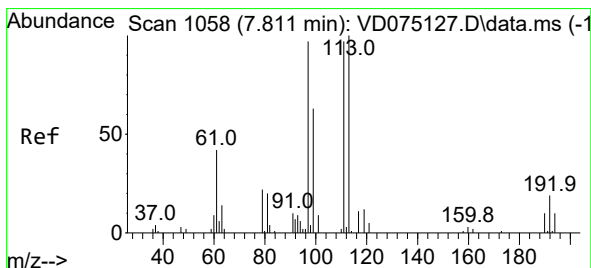
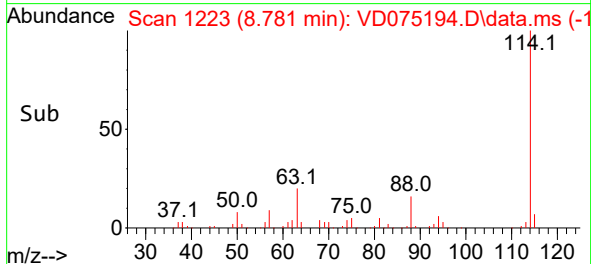
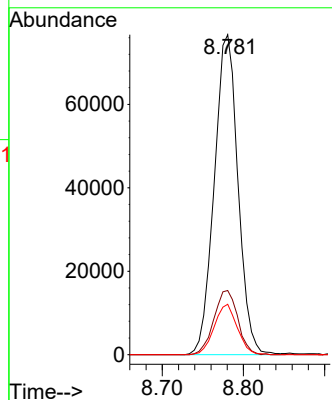
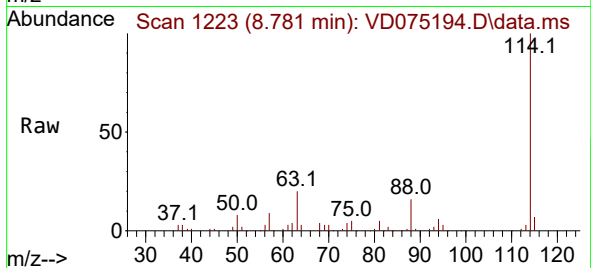
Tgt Ion:114 Resp: 155858

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

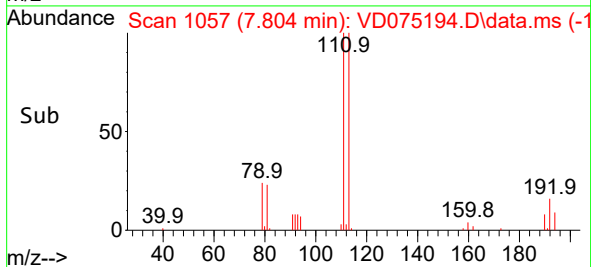
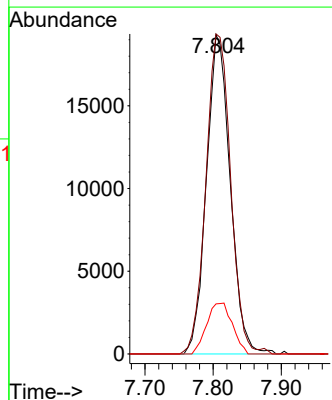
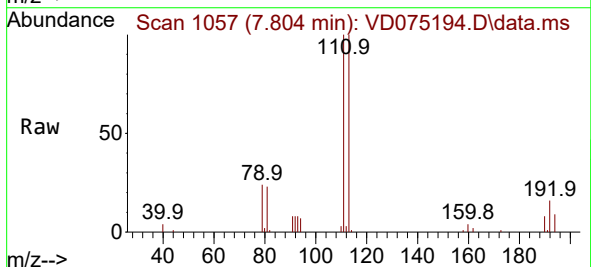
Tgt Ion:113 Resp: 46859

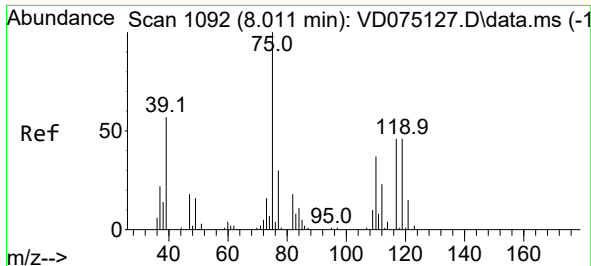
Ion Ratio Lower Upper

113 100

111 104.1 80.1 120.1

192 17.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.567 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

Instrument :

MSVOA_D

ClientSampleId :

VD0125SBL01

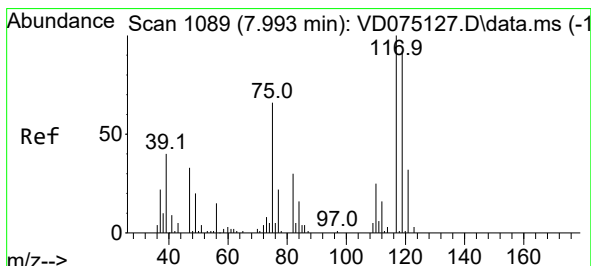
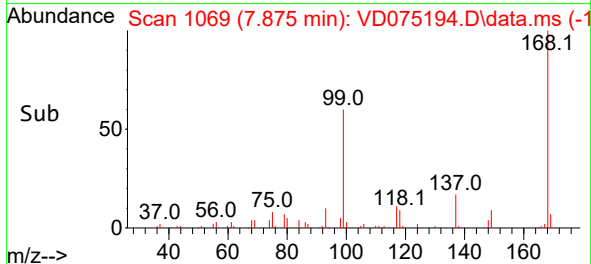
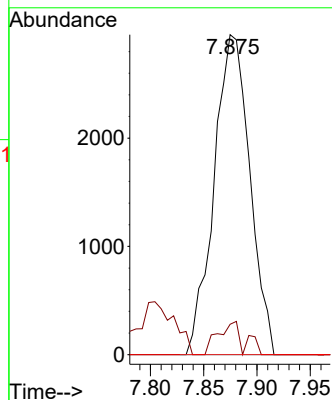
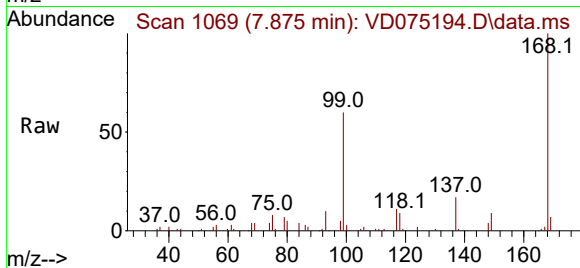
Tgt Ion: 75 Resp: 6911

Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.698 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075194.D

Acq: 25 Jan 2023 10:23

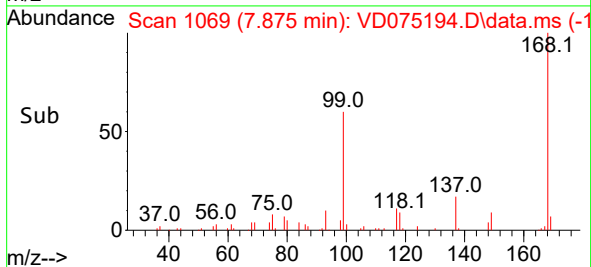
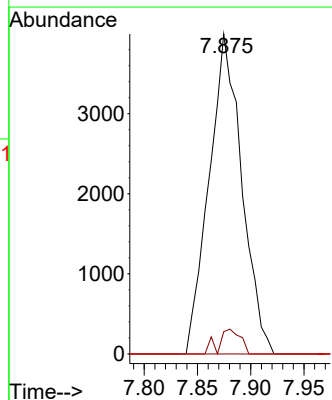
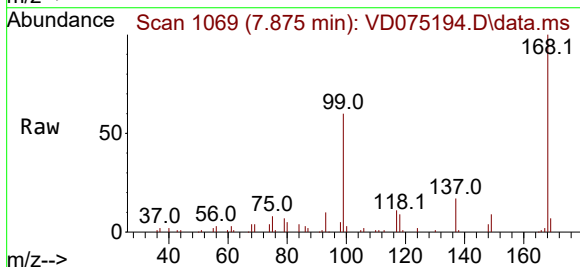
Tgt Ion: 117 Resp: 8533

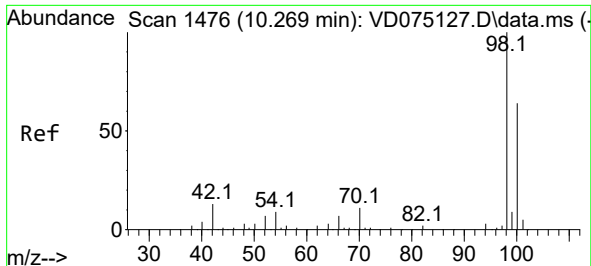
Ion Ratio Lower Upper

117 100

119 6.9 73.6 110.4#

121 0.0 25.4 38.0#

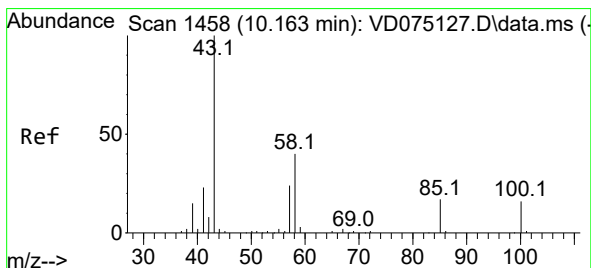
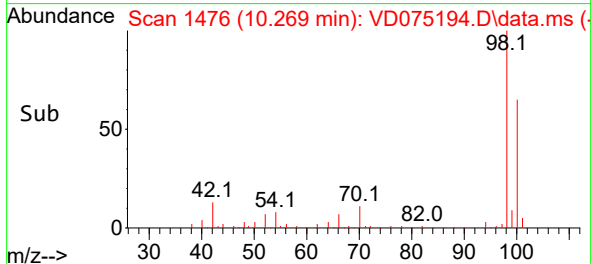
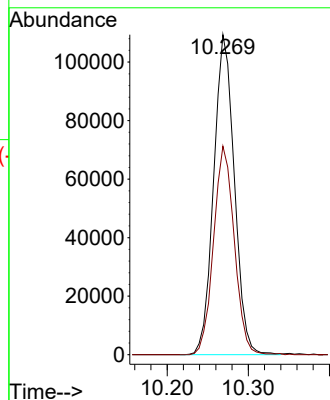
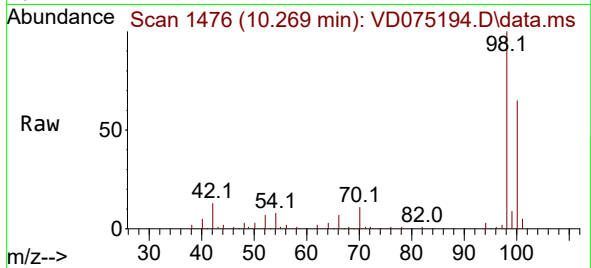




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

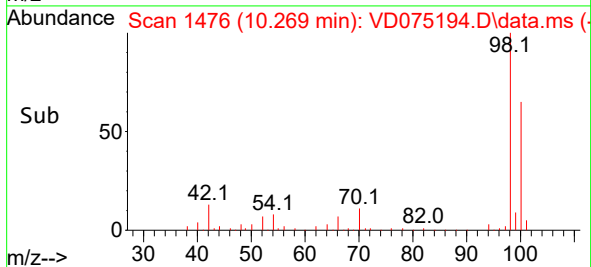
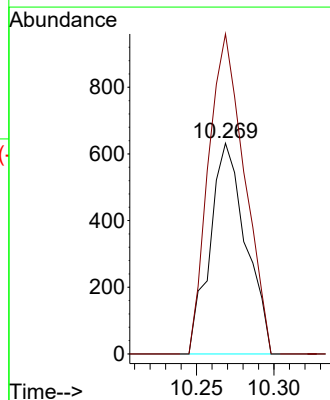
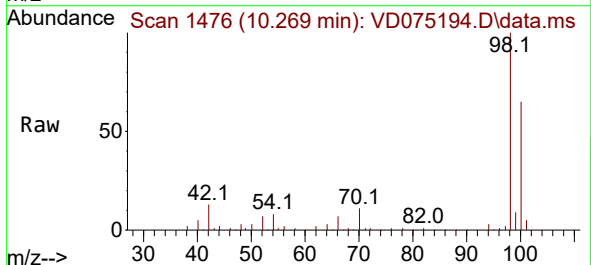
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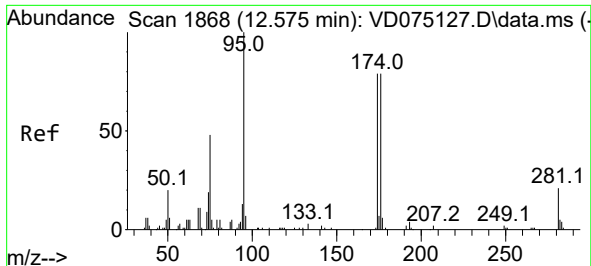
Tgt Ion: 98 Resp: 193566
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.785 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.105 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 152.8 31.4 47.0#

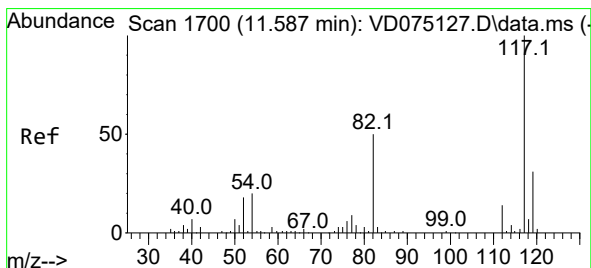
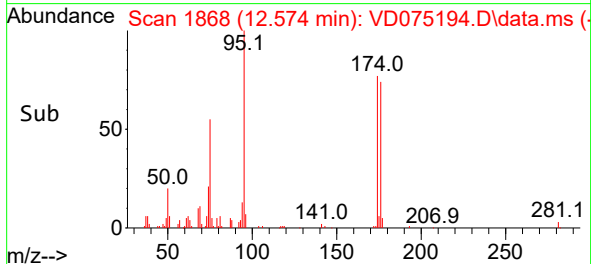
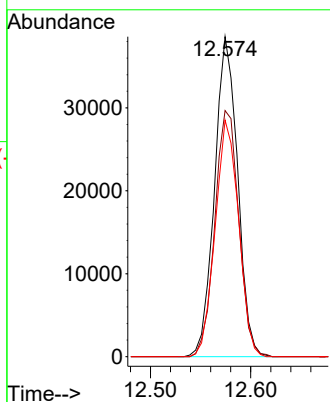
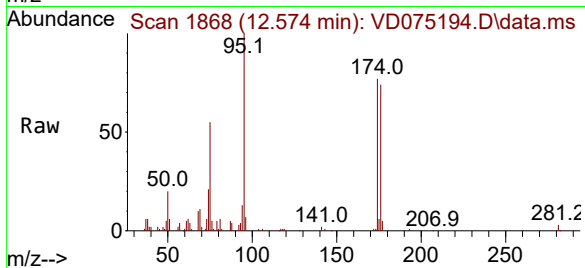




#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

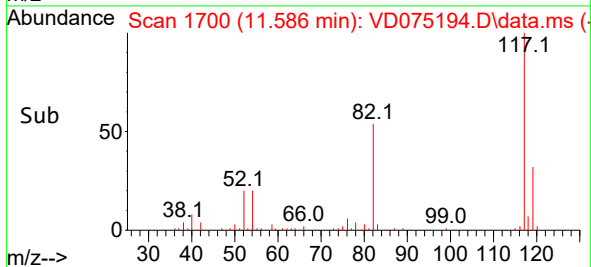
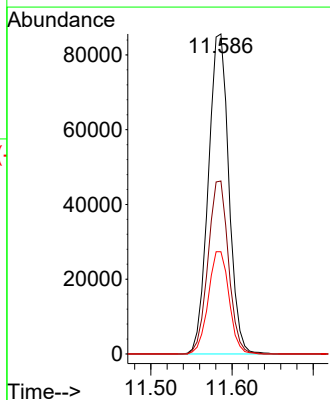
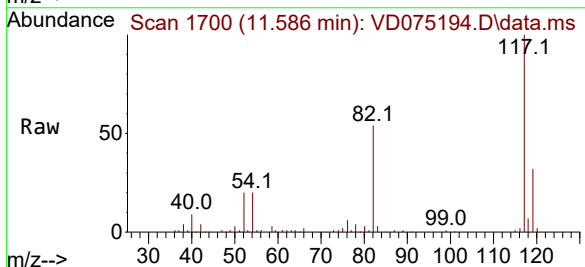
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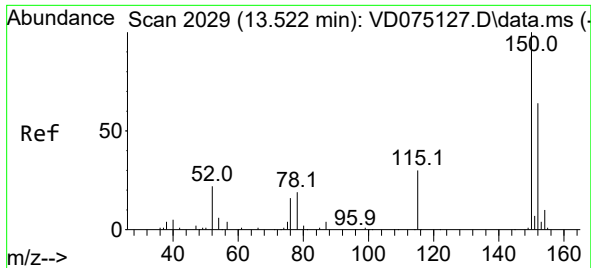
Tgt Ion: 95 Resp: 61577
Ion Ratio Lower Upper
95 100
174 79.8 0.0 161.2
176 75.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075194.D
Acq: 25 Jan 2023 10:23

Tgt Ion: 117 Resp: 150238
Ion Ratio Lower Upper
117 100
82 54.1 39.6 59.4
119 32.0 24.6 37.0

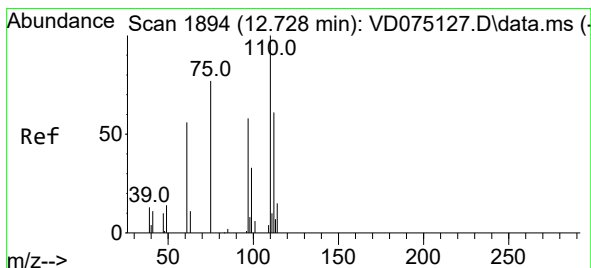
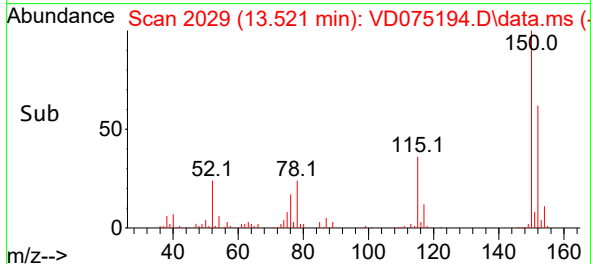
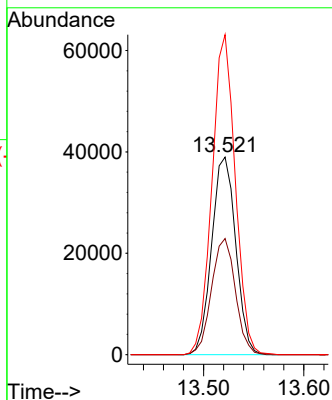
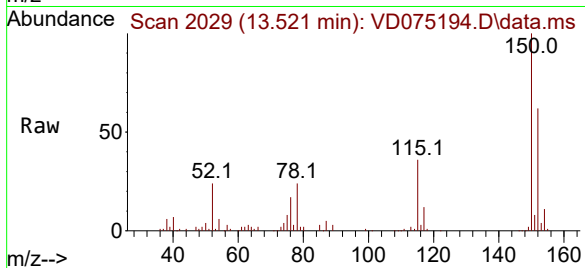




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 2029
 Delta R.T. -0.001 min
 Lab File: VD075194.D
 Acq: 25 Jan 2023 10:23

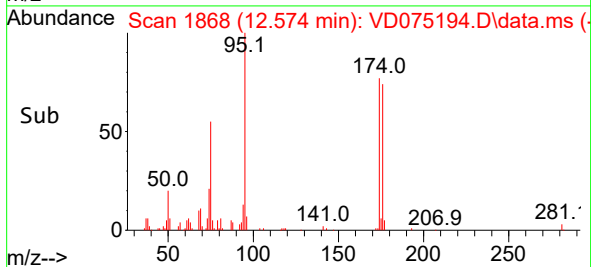
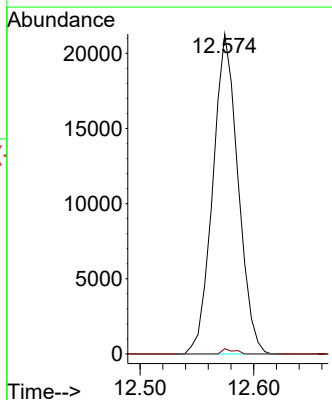
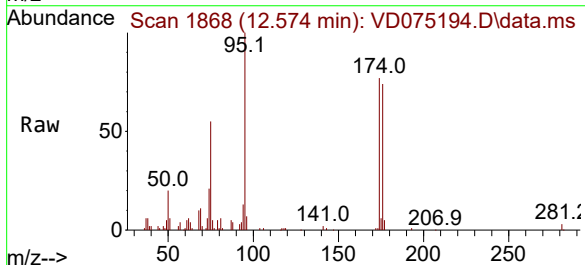
Instrument :
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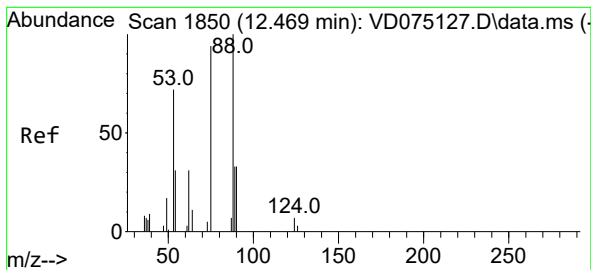
Tgt Ion:152 Resp: 65035
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.4
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 59.682 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075194.D
 Acq: 25 Jan 2023 10:23

Tgt Ion: 75 Resp: 32873
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.438 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD075194.D
 Acq: 25 Jan 2023 10:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBL01

Tgt Ion: 75 Resp: 32873
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

