

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074446.D
 Acq On : 27 Sep 2022 15:40
 Operator : VA/SY
 Sample : N4809-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0923

Quant Time: Sep 28 04:40:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

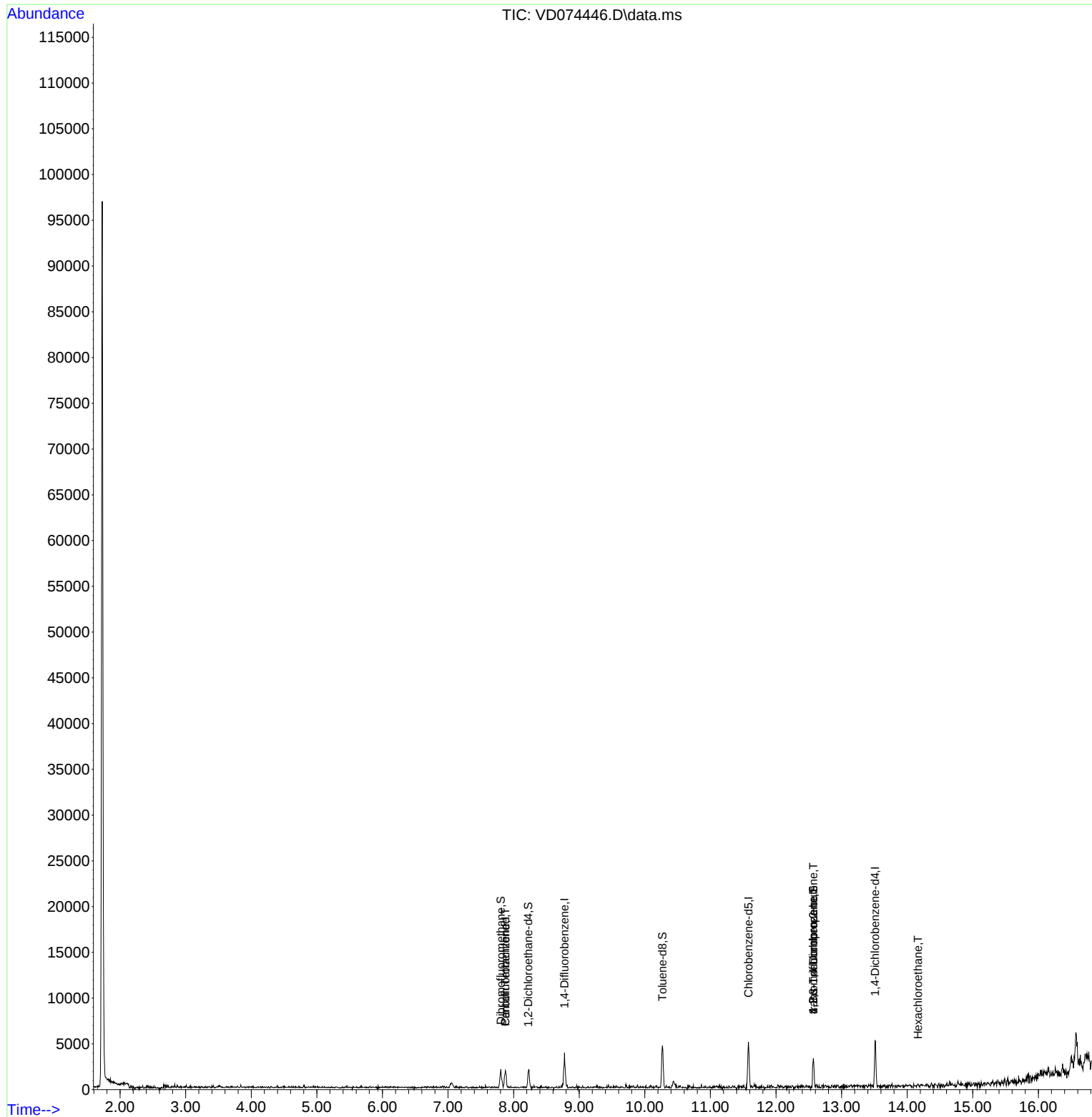
Internal Standards						
1) Pentafluorobenzene	7.875	168	2123	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	1945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1645	90.000	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.000%#	
35) Dibromofluoromethane	7.805	113	1653	59.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.660%	
50) Toluene-d8	10.269	98	4079	43.210	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.420%	
62) 4-Bromofluorobenzene	12.569	95	1569	47.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.134	50	64	Below Cal	#	37
38) Carbon Tetrachloride	7.875	117	56	1.552	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	650	42.727	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	650	104.264	ug/l #	17
90) Hexachloroethane	14.163	117	132	5.515	ug/l #	11

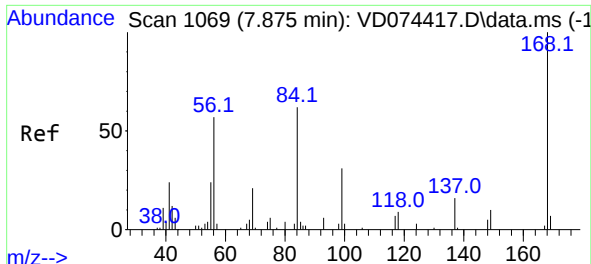
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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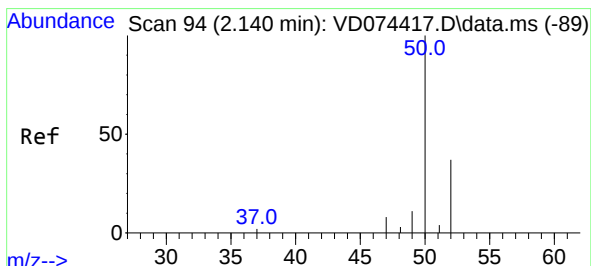
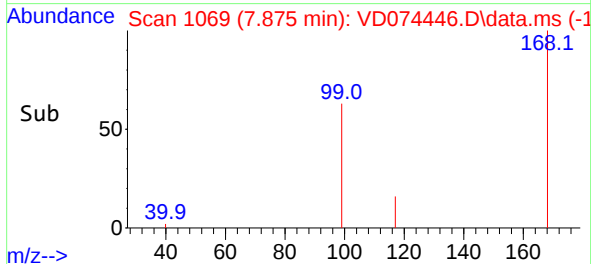
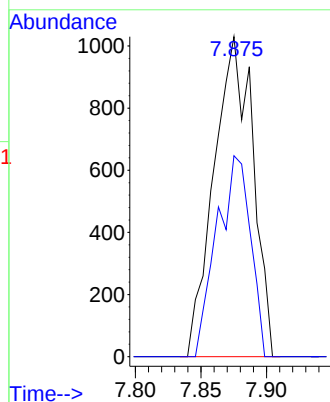
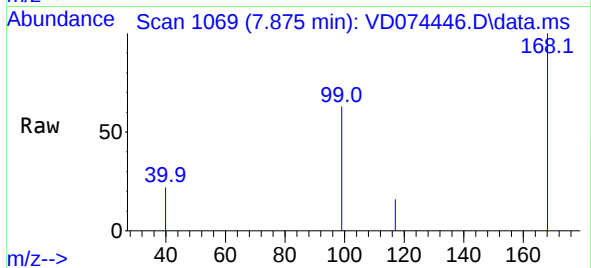




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

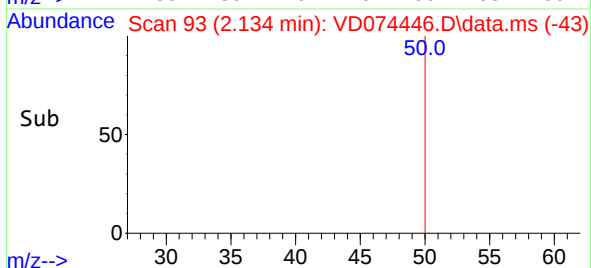
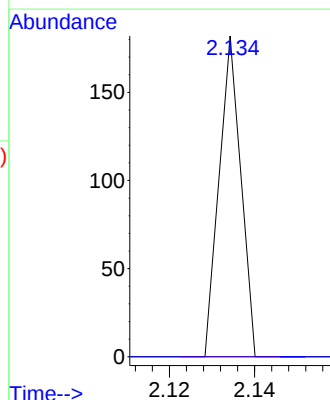
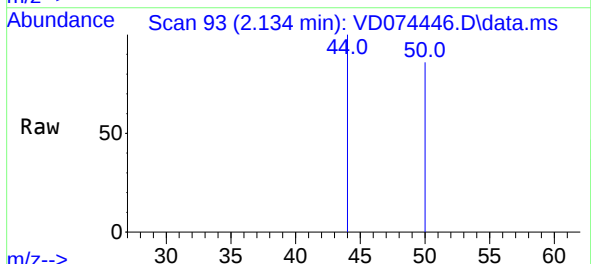
Instrument :
MSVOA_D
ClientSampleId :
TP2-0923

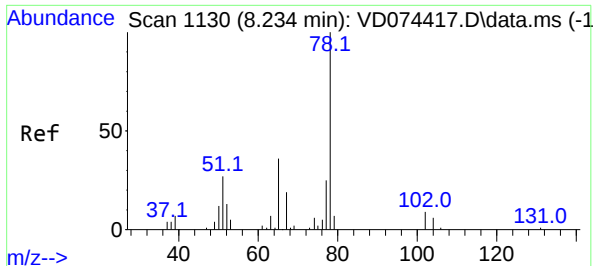
Tgt Ion:168 Resp: 2123
Ion Ratio Lower Upper
168 100
99 62.8 40.9 61.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

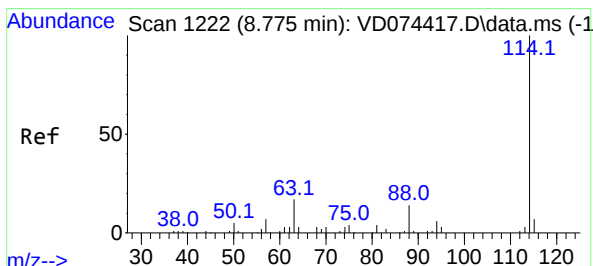
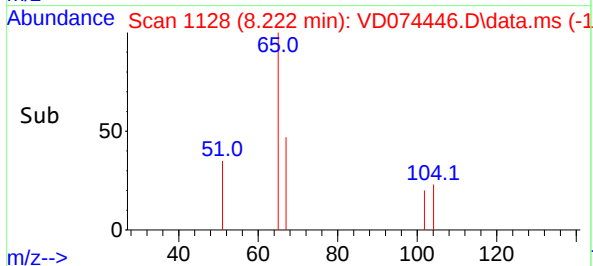
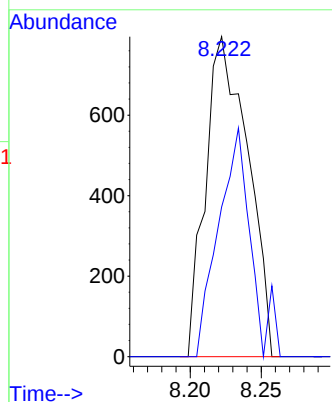
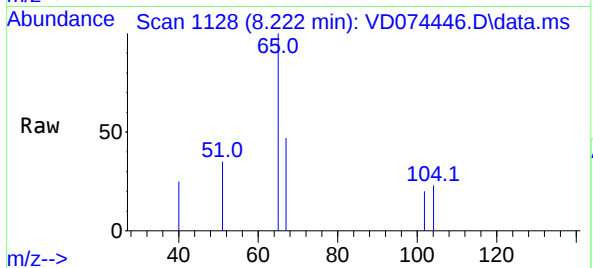




#33
 1,2-Dichloroethane-d4
 Concen: 90.000 ug/l
 RT: 8.222 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VD074446.D
 Acq: 27 Sep 2022 15:40

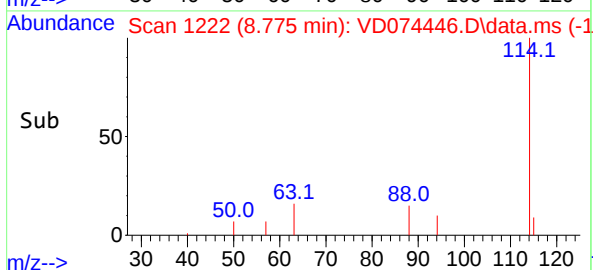
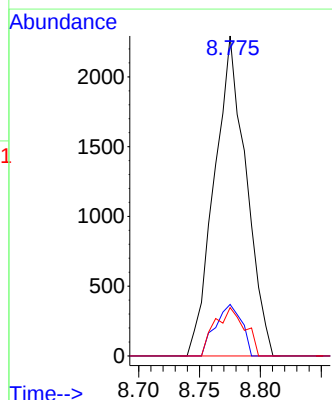
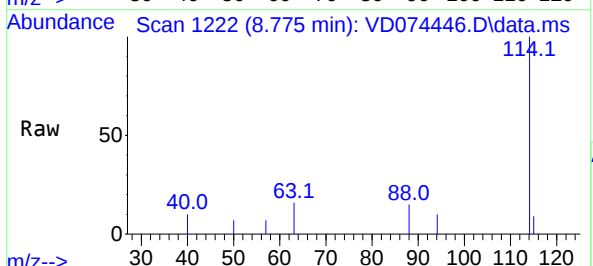
Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0923

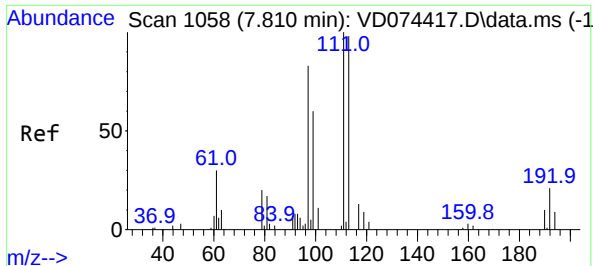
Tgt Ion: 65 Resp: 1645
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD074446.D
 Acq: 27 Sep 2022 15:40

Tgt Ion:114 Resp: 4151
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 33.2
 88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 59.825 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD074446.D

Acq: 27 Sep 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :

TP2-0923

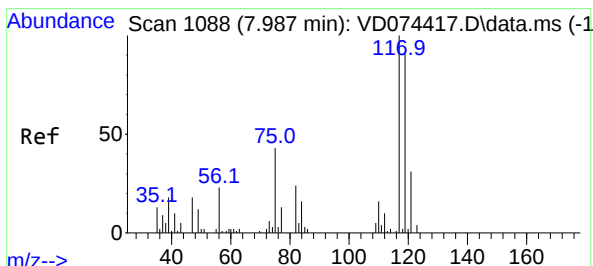
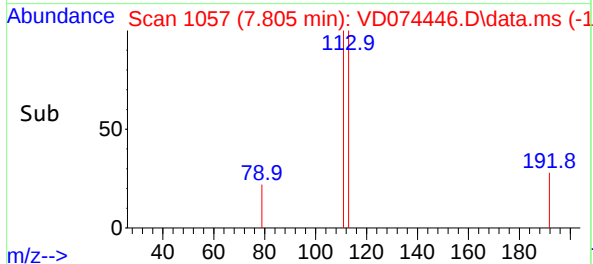
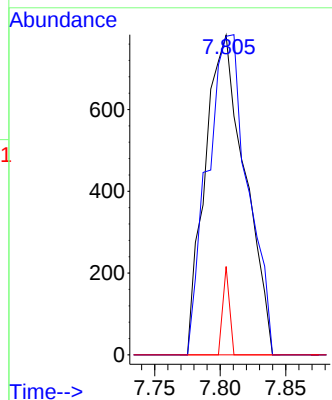
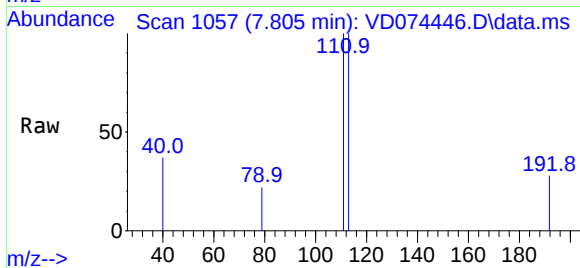
Tgt Ion:113 Resp: 1653

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

192 4.6 16.4 24.6#



#38

Carbon Tetrachloride

Concen: 1.552 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074446.D

Acq: 27 Sep 2022 15:40

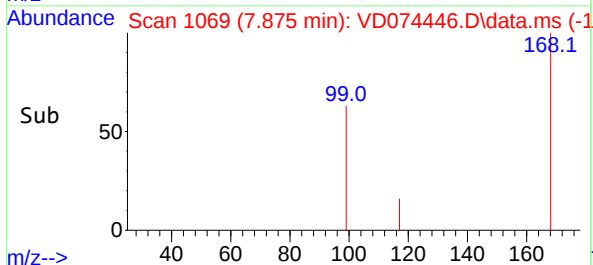
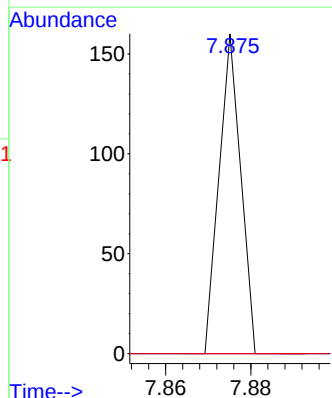
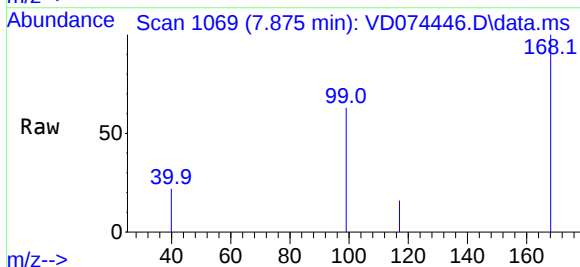
Tgt Ion:117 Resp: 56

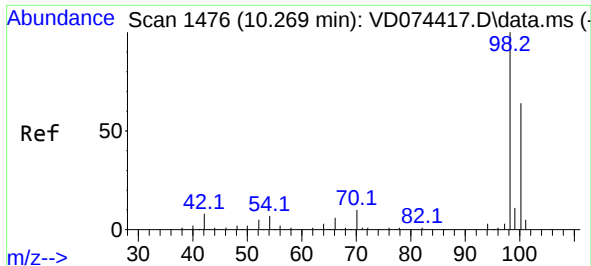
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

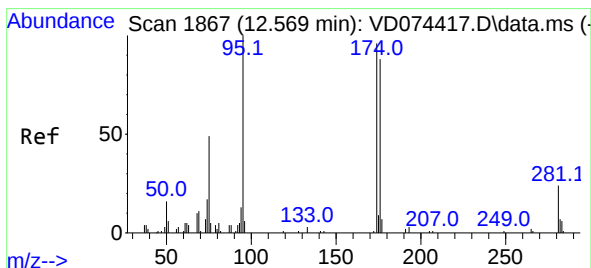
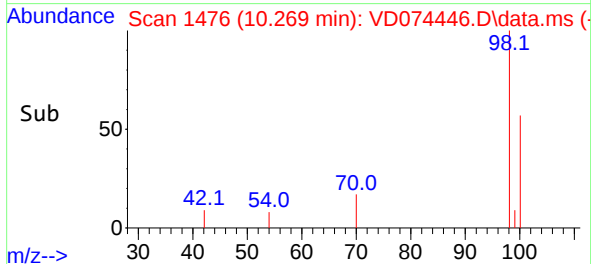
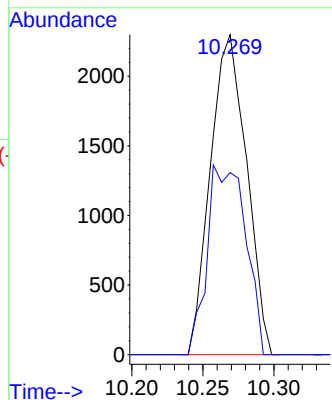
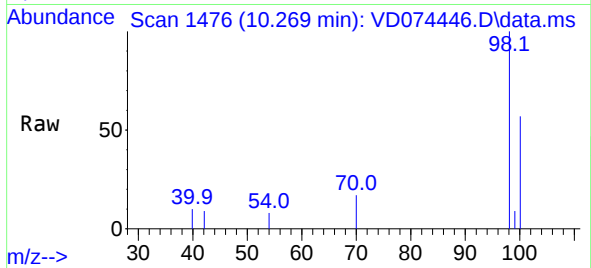




#50
Toluene-d8
Concen: 43.210 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

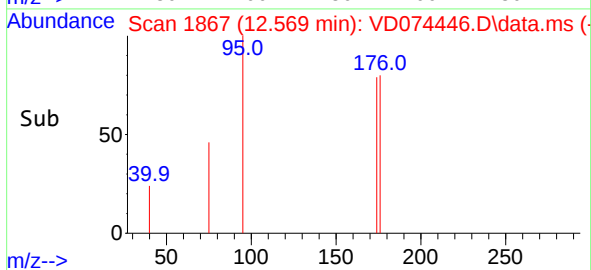
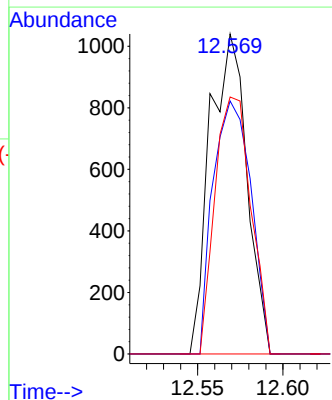
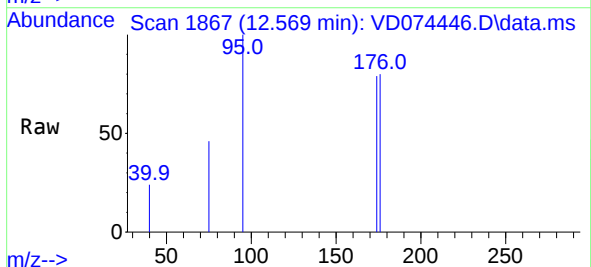
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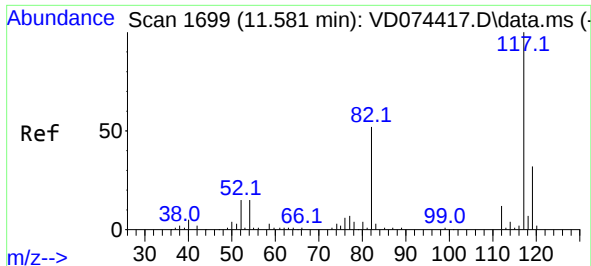
Tgt Ion: 98 Resp: 4079
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 95 Resp: 1569
Ion Ratio Lower Upper
95 100
174 81.4 0.0 197.0
176 78.1 0.0 182.6

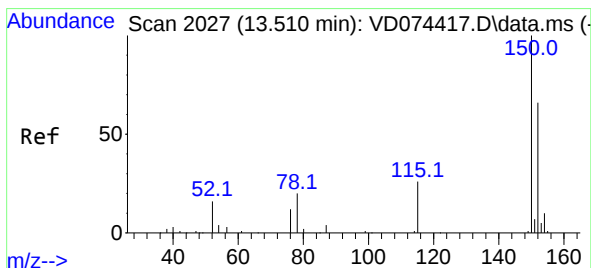
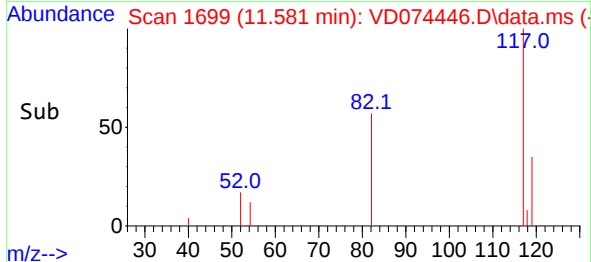
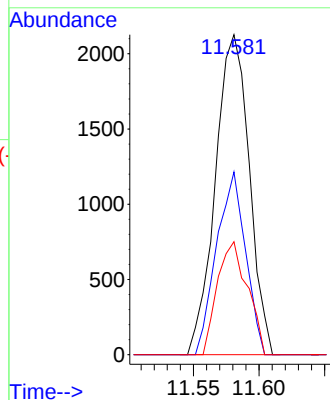
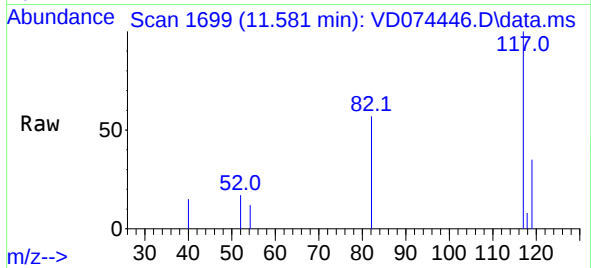




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

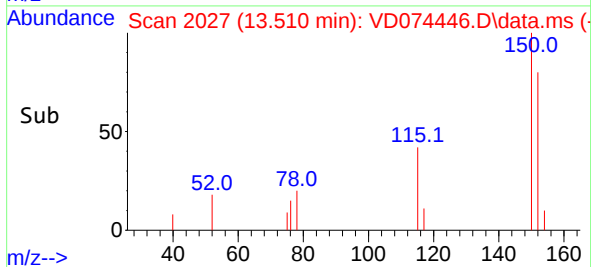
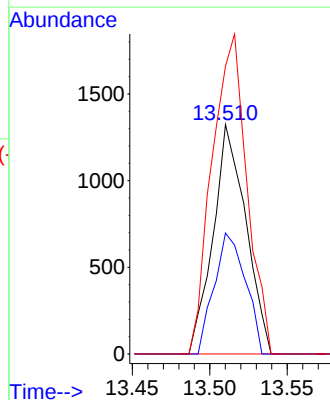
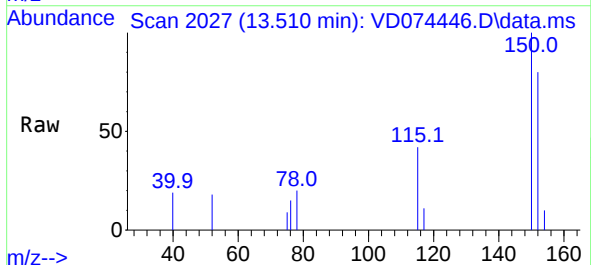
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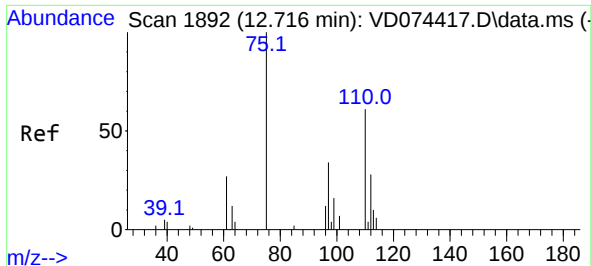
Tgt Ion:117 Resp: 3826
Ion Ratio Lower Upper
117 100
82 57.1 41.6 62.4
119 35.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

Tgt Ion:152 Resp: 1945
Ion Ratio Lower Upper
152 100
115 50.2 26.8 80.4
150 148.2 0.0 348.2

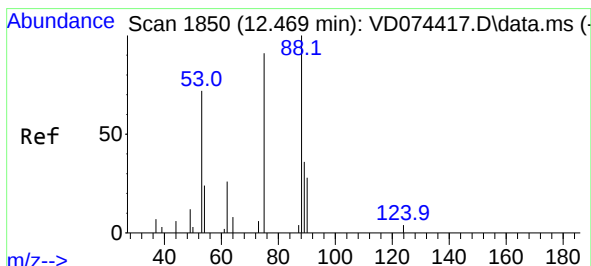
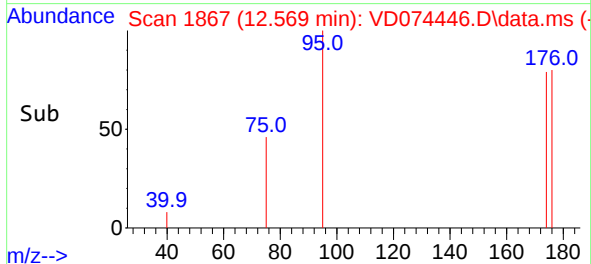
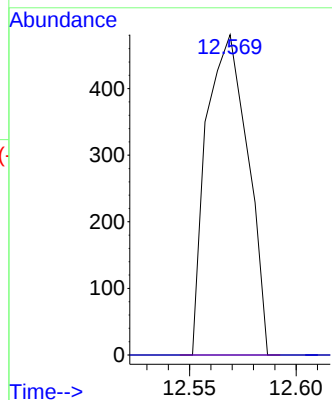
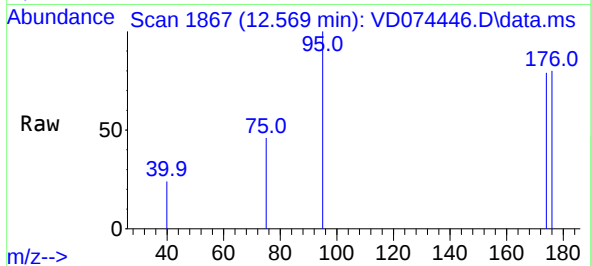




#76
1,2,3-Trichloropropane
Concen: 42.727 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

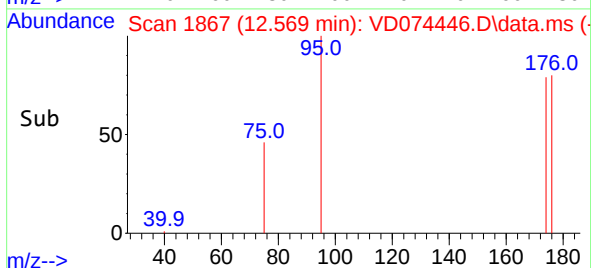
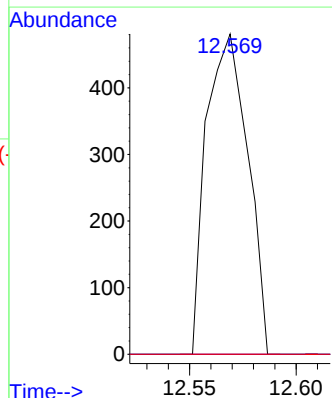
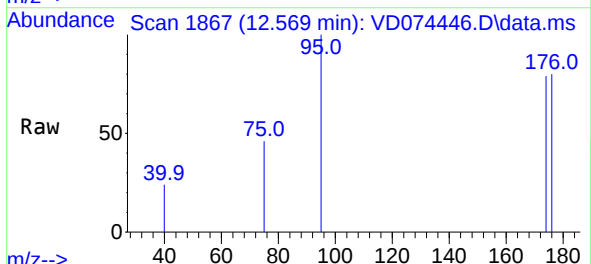
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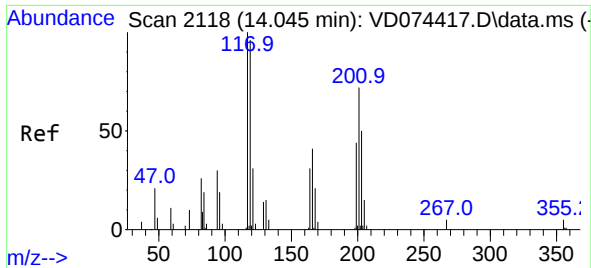
Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.264 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#90
Hexachloroethane
Concen: 5.515 ug/l
RT: 14.163 min Scan# 21
Delta R.T. 0.118 min
Lab File: VD074446.D
Acq: 27 Sep 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
TP2-0923

Tgt Ion:117 Resp: 132
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#

