

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074441.D
 Acq On : 27 Sep 2022 13:20
 Operator : VA/SY
 Sample : N4668-12RE
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18RE

Quant Time: Sep 28 04:39:56 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	52589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	86288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	59814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	16394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24841	54.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.740%
35) Dibromofluoromethane	7.805	113	32689	56.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.480%
50) Toluene-d8	10.269	98	92492	47.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.569	95	17749	22.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.300%

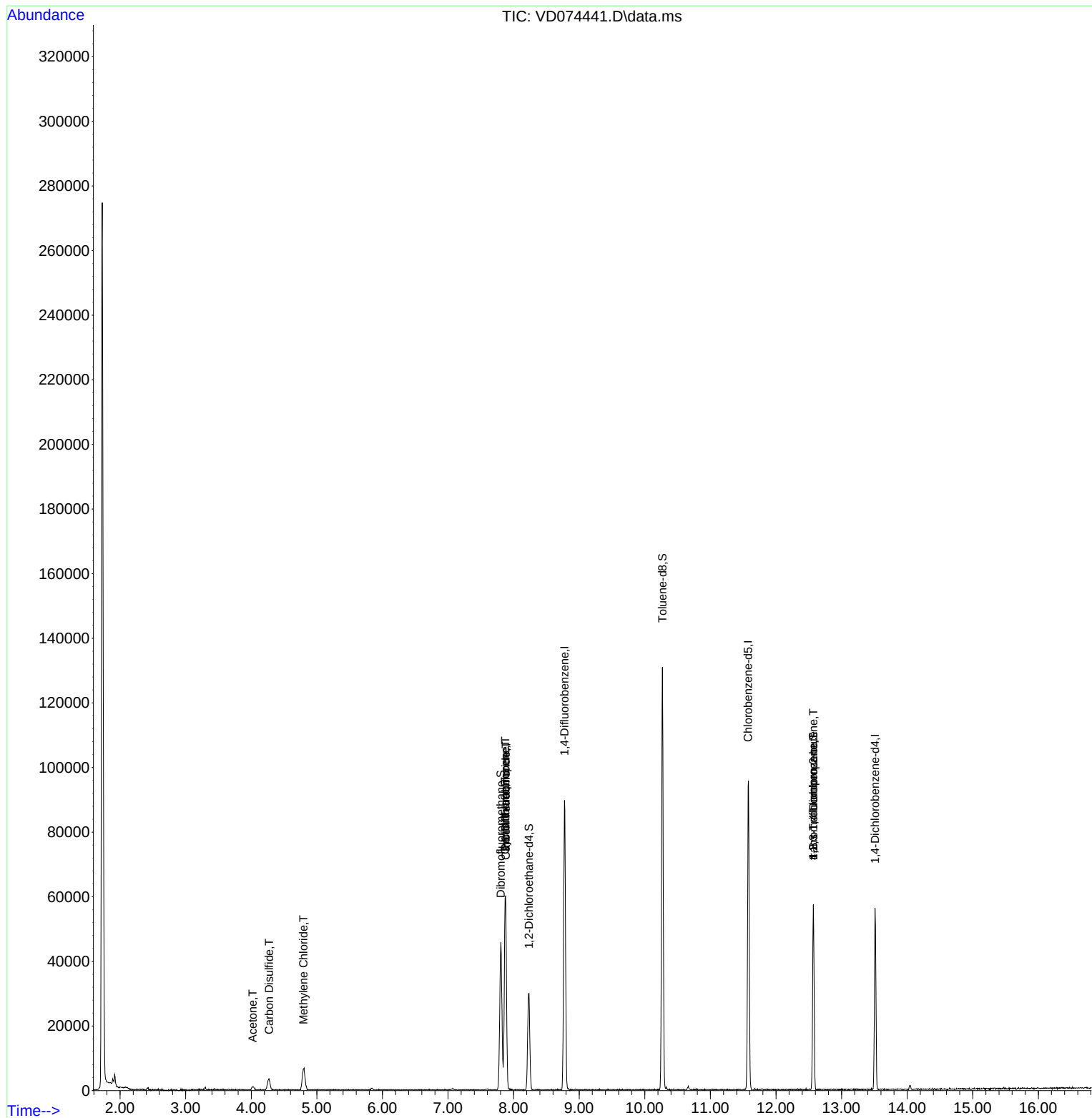
Target Compounds					Qvalue	
3) Chloromethane	2.140	50	195	Below Cal	#	37
16) Acetone	4.022	43	1745	19.867	ug/l	98
17) Carbon Disulfide	4.269	76	7640	4.550	ug/l	99
18) Methyl Acetate	4.822	43	53	Below Cal	#	44
20) Methylene Chloride	4.793	84	6365	2.988	ug/l	95
31) Cyclohexane	7.869	56	779	1.013	ug/l	# 8
36) 1,1-Dichloropropene	7.875	75	3468	4.426	ug/l	# 42
38) Carbon Tetrachloride	7.881	117	4905	6.541	ug/l	# 14
76) 1,2,3-Trichloropropane	12.569	75	8319	64.878	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	8319	158.317	ug/l	# 17

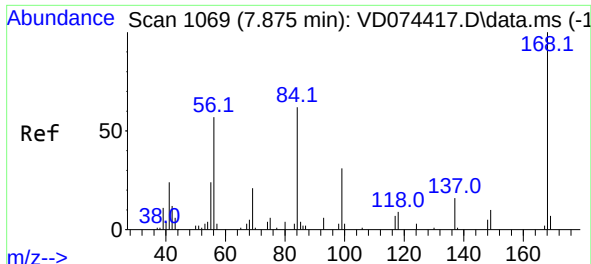
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

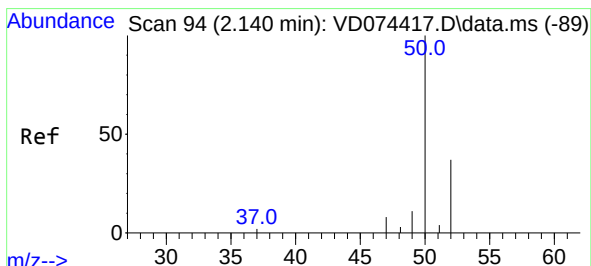
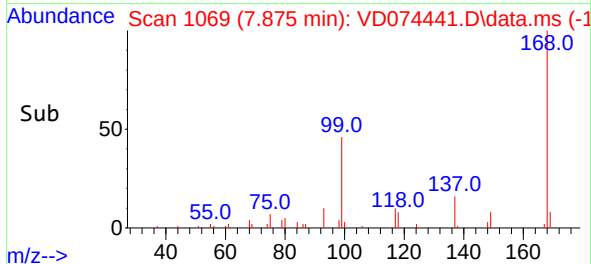
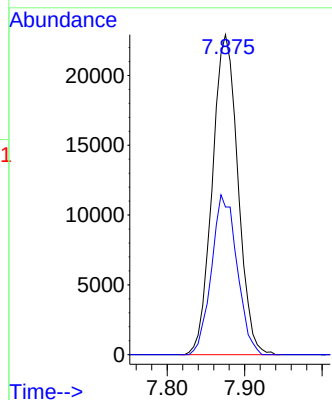
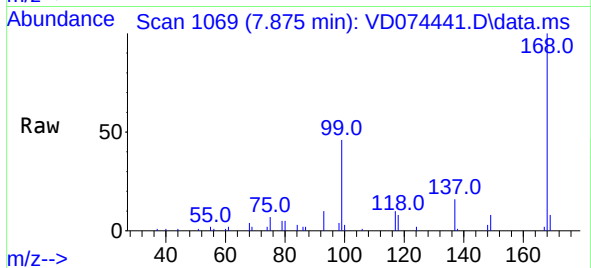




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

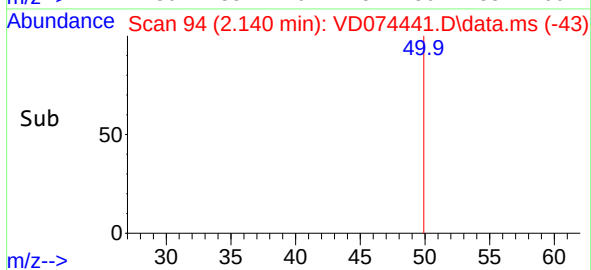
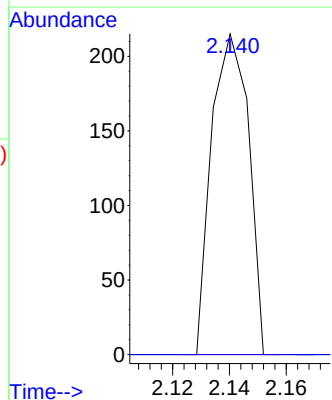
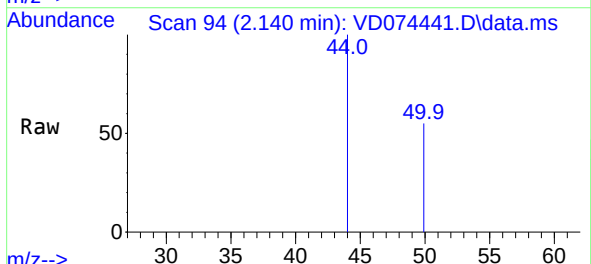
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

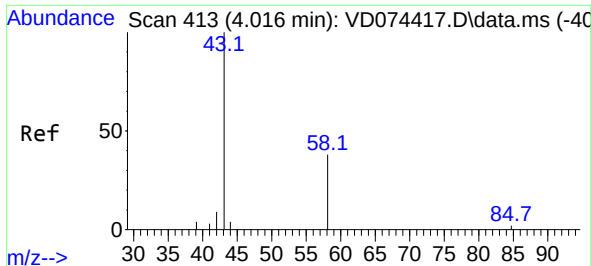
Tgt Ion:168 Resp: 52589
Ion Ratio Lower Upper
168 100
99 46.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

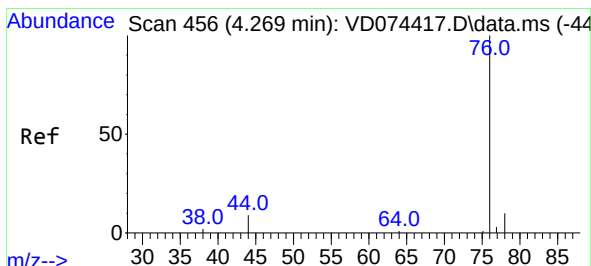
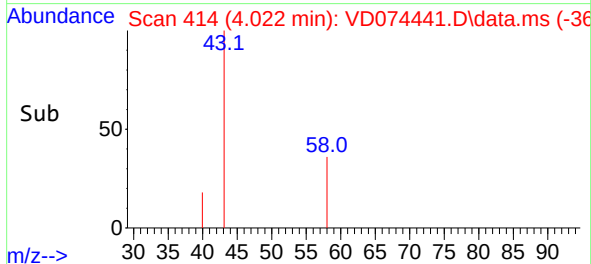
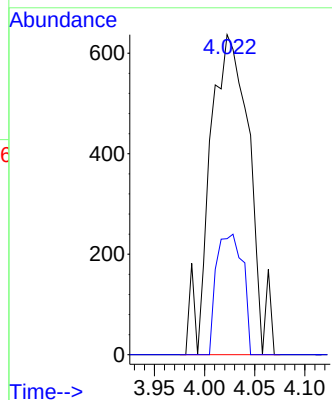
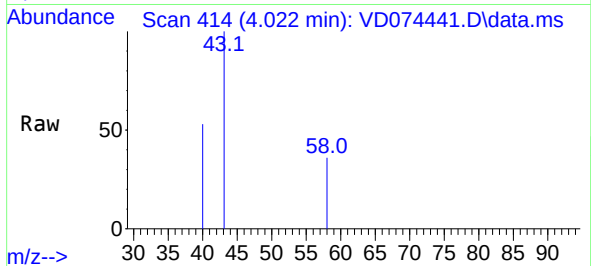




#16
Acetone
Concen: 19.867 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

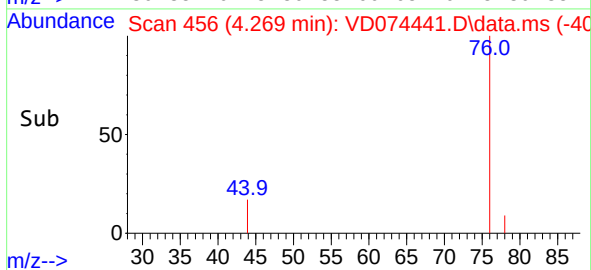
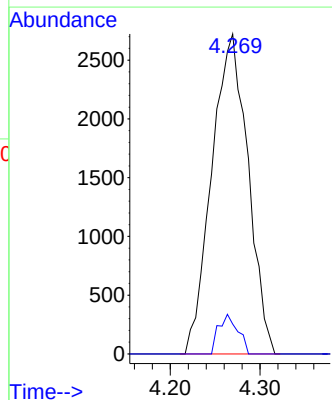
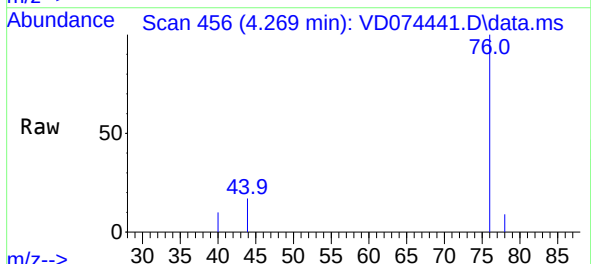
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

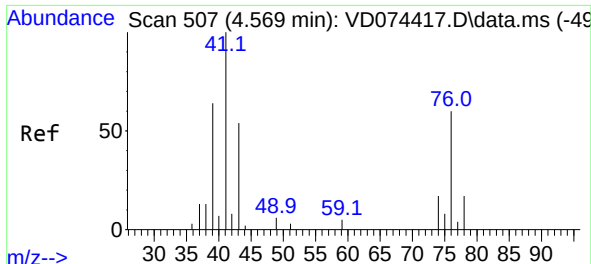
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 36.3 30.2 45.2



#17
Carbon Disulfide
Concen: 4.550 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 76 Resp: 7640
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#18

Methyl Acetate

Concen: Below Cal

RT: 4.822 min Scan# 51

Delta R.T. 0.253 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

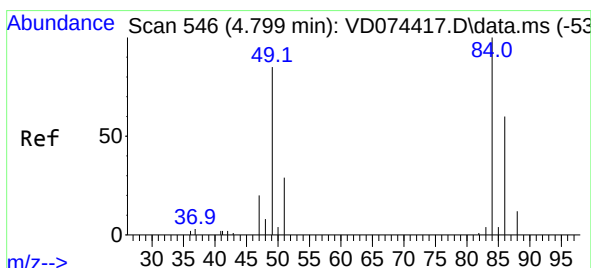
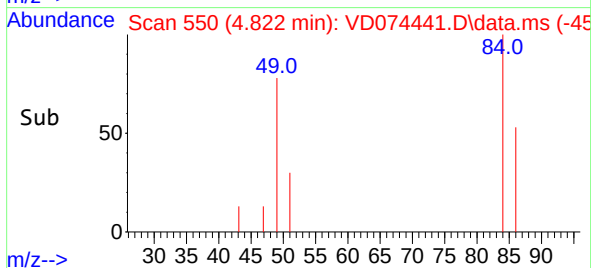
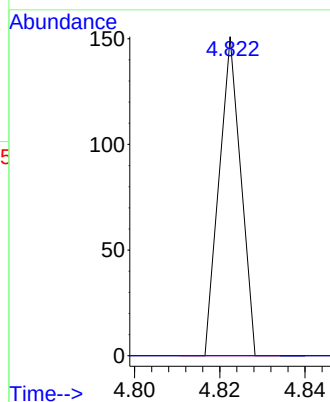
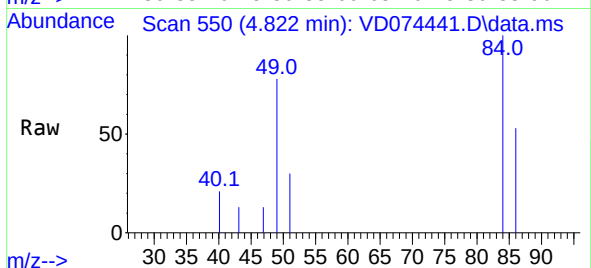
A3-8-18RE

Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

74 0.0 24.7 37.1#



#20

Methylene Chloride

Concen: 2.988 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

Tgt Ion: 84 Resp: 6365

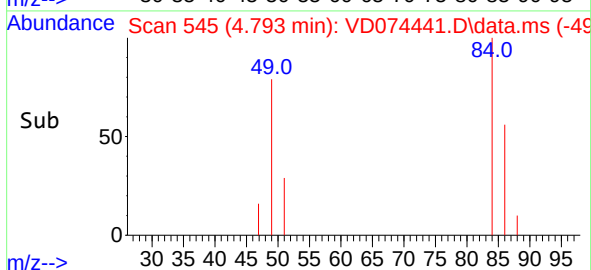
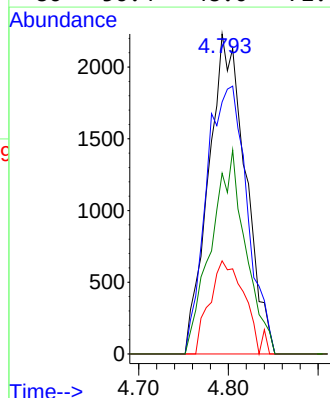
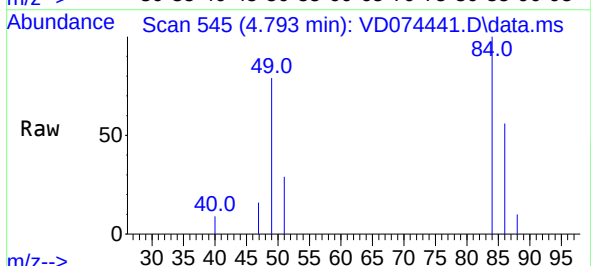
Ion Ratio Lower Upper

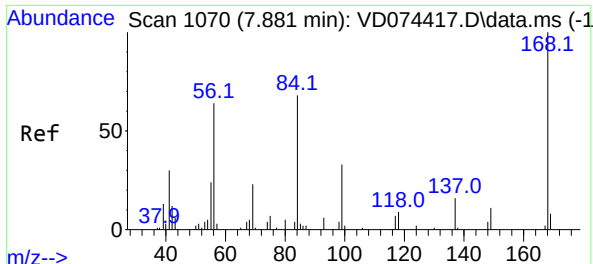
84 100

49 78.8 68.0 102.0

51 29.1 23.2 34.8

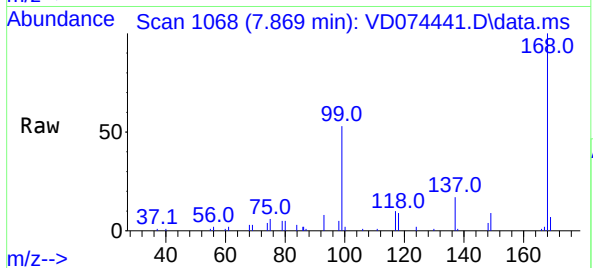
86 56.4 48.0 72.0



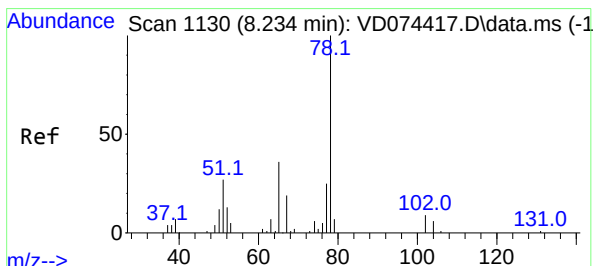
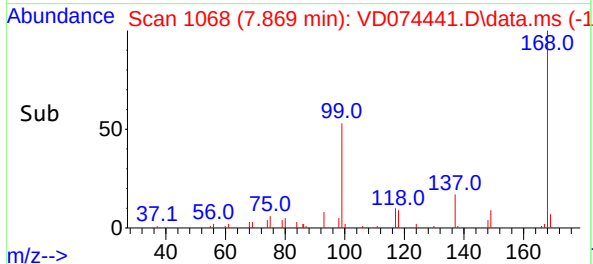
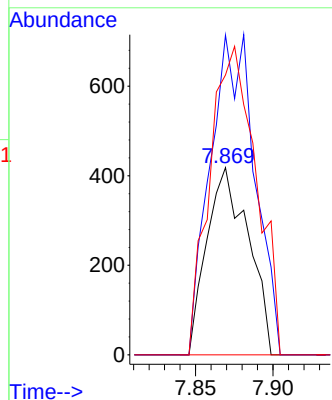


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

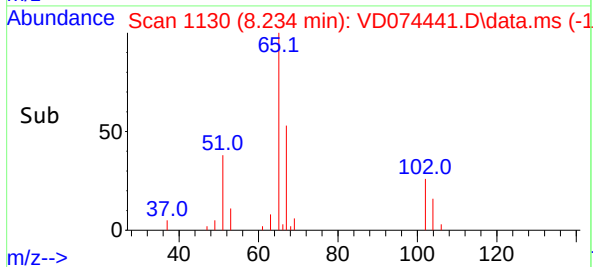
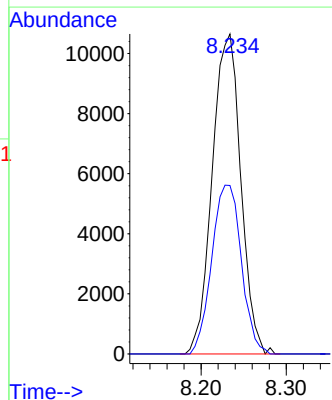
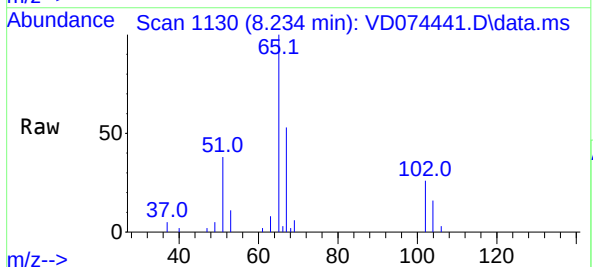


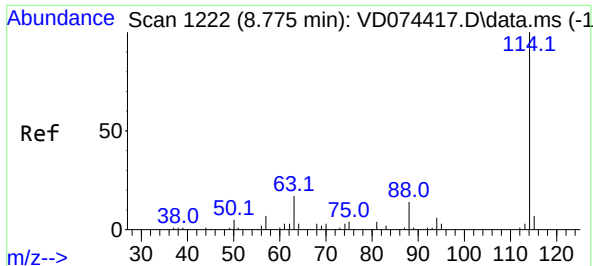
Tgt Ion: 56 Resp: 779
Ion Ratio Lower Upper
56 100
69 170.8 29.2 43.8#
84 149.5 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 54.866 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 65 Resp: 24841
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2

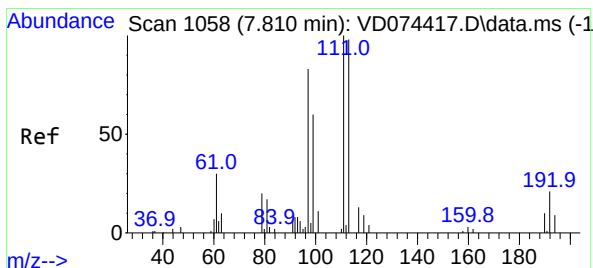
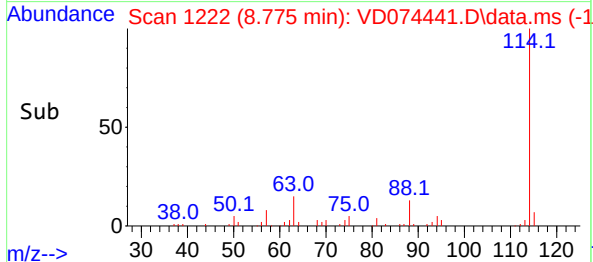
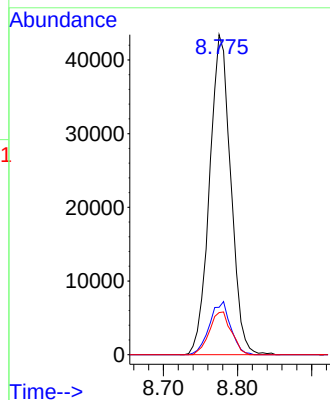
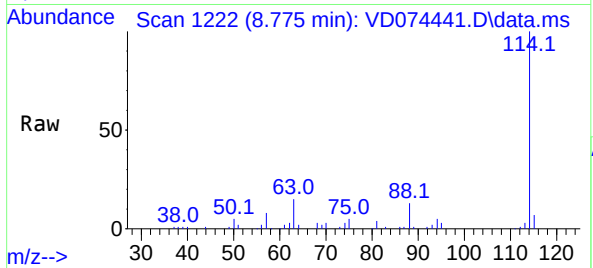




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

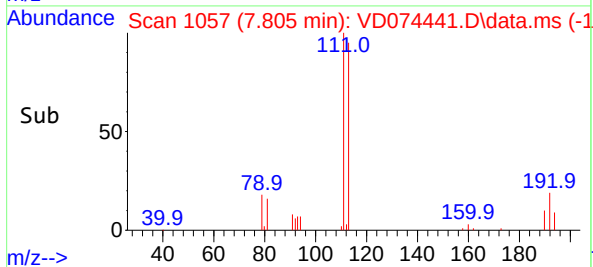
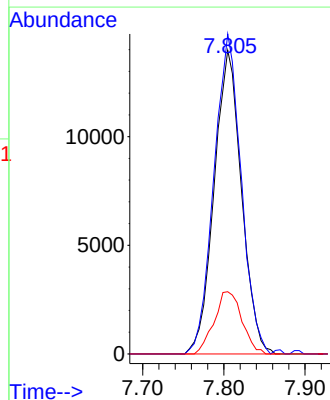
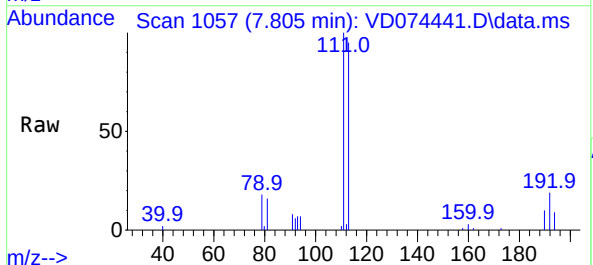
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

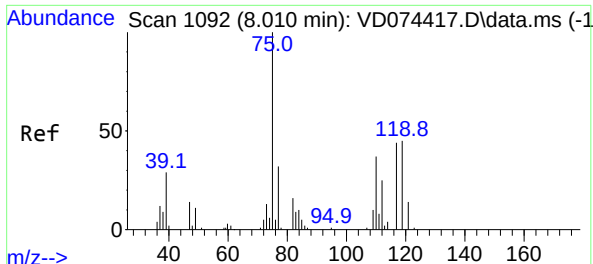
Tgt Ion:114 Resp: 86288
Ion Ratio Lower Upper
114 100
63 14.8 0.0 33.2
88 13.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 56.737 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion:113 Resp: 32689
Ion Ratio Lower Upper
113 100
111 105.1 82.3 123.5
192 20.8 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

A3-8-18RE

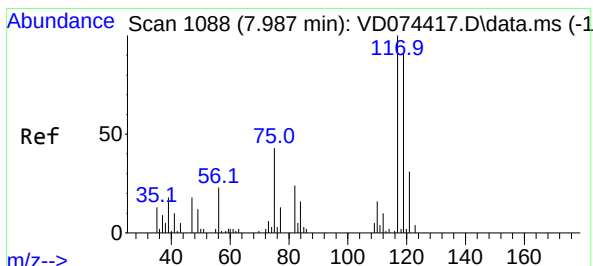
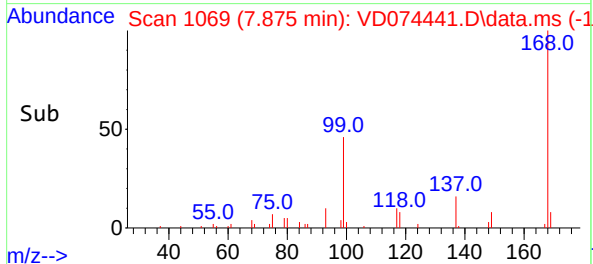
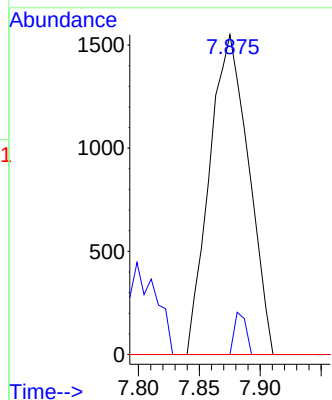
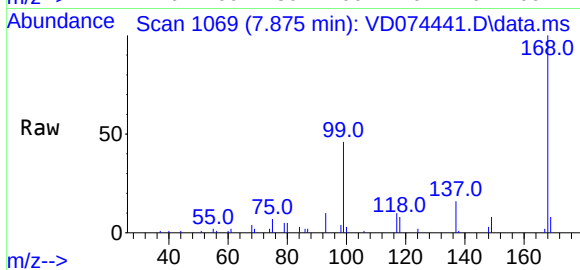
Tgt Ion: 75 Resp: 3468

Ion Ratio Lower Upper

75 100

110 3.9 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.541 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074441.D

Acq: 27 Sep 2022 13:20

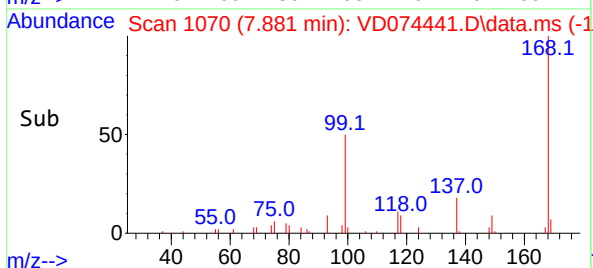
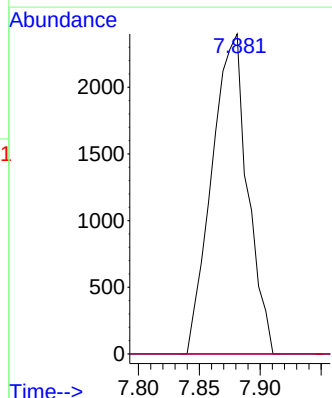
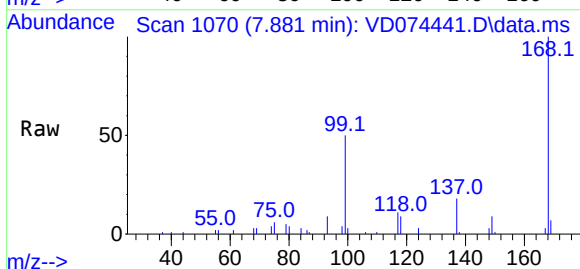
Tgt Ion: 117 Resp: 4905

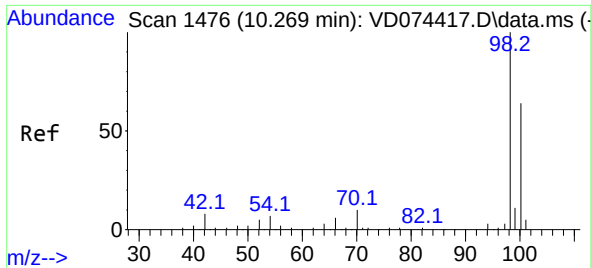
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

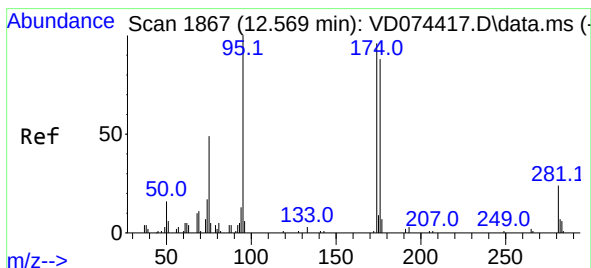
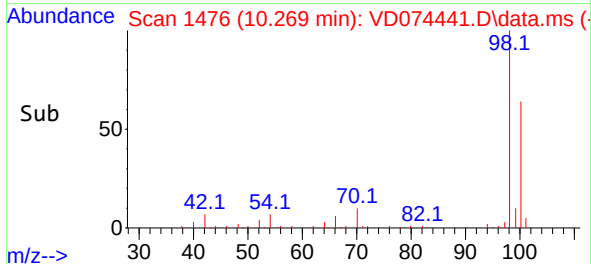
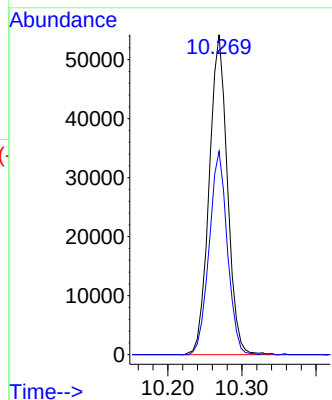
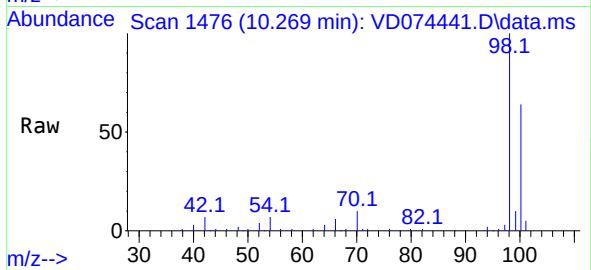




#50
Toluene-d8
Concen: 47.135 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

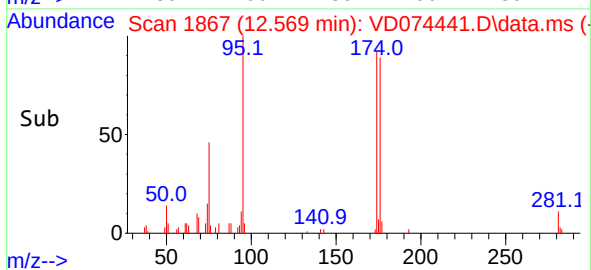
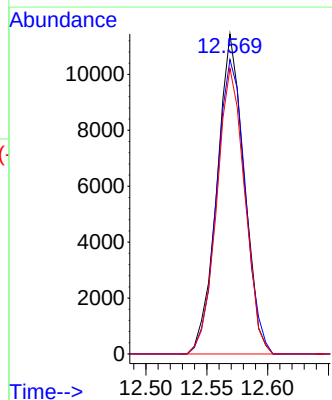
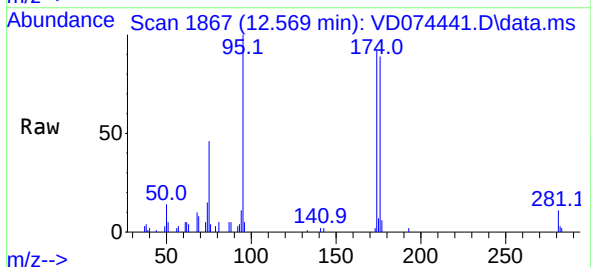
Instrument :
MSVOA_D
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A3-8-18RE

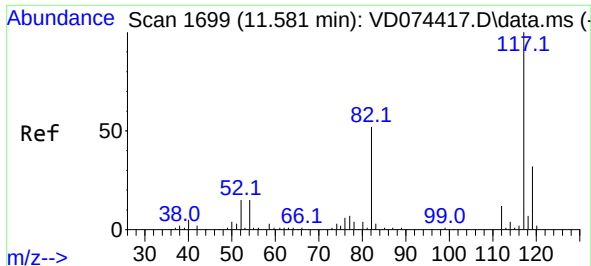
Tgt Ion: 98 Resp: 92492
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 22.654 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 95 Resp: 17749
Ion Ratio Lower Upper
95 100
174 97.1 0.0 197.0
176 91.8 0.0 182.6

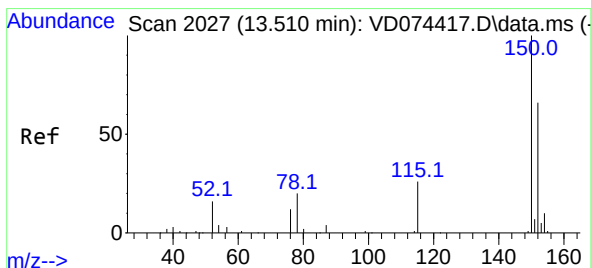
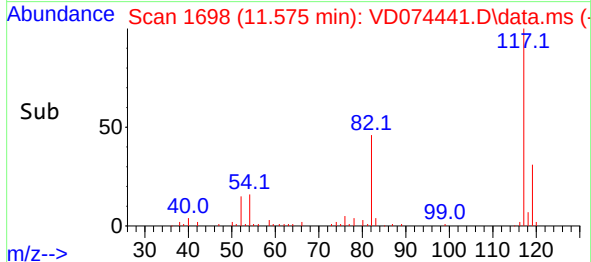
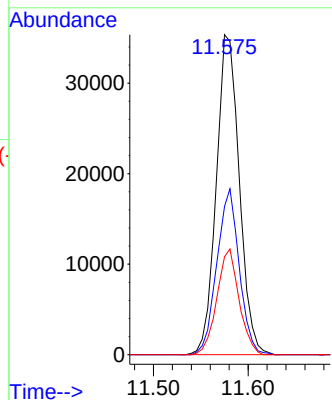
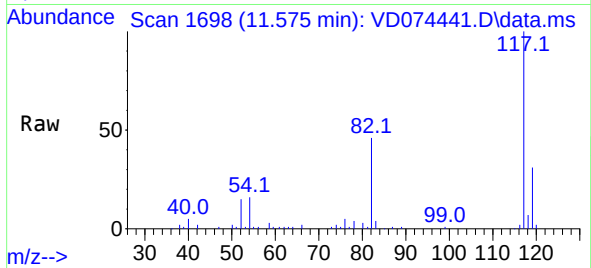




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

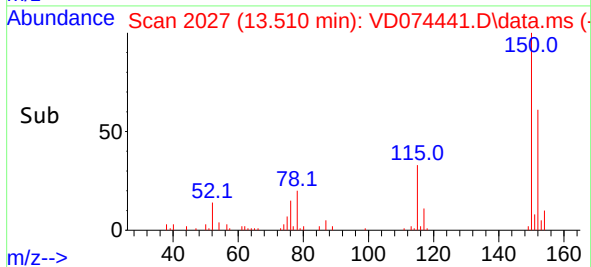
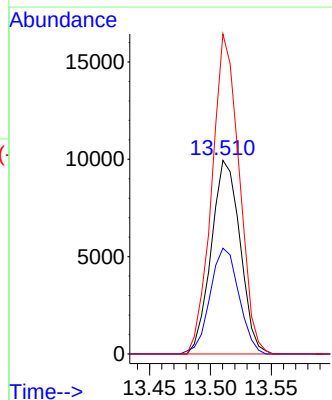
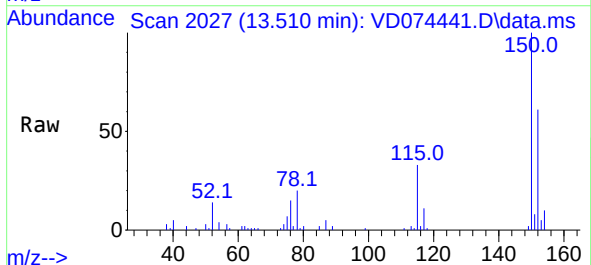
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

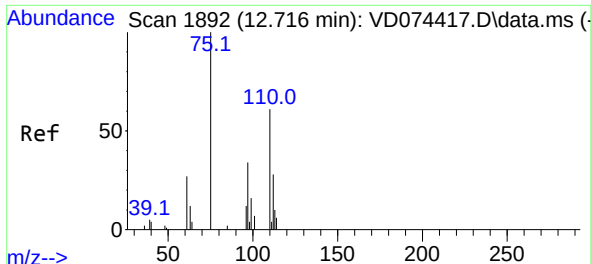
Tgt Ion:117 Resp: 59814
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion:152 Resp: 16394
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 156.6 0.0 348.2

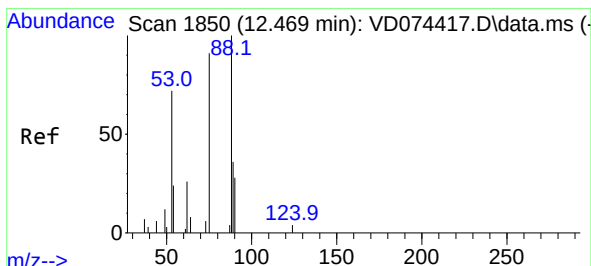
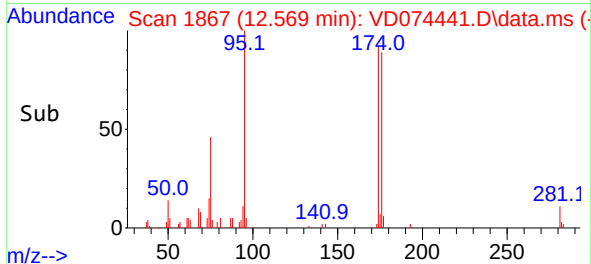
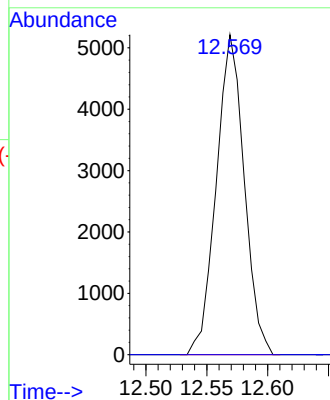
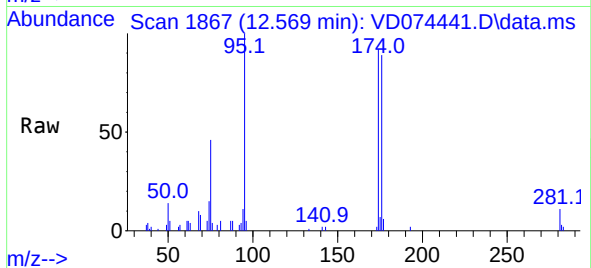




#76
1,2,3-Trichloropropane
Concen: 64.878 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Instrument :
MSVOA_D
ClientSampleId :
A3-8-18RE

Tgt Ion: 75 Resp: 8319
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074441.D
Acq: 27 Sep 2022 13:20

Tgt Ion: 75 Resp: 8319
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

