

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074921.D
 Acq On : 12 Nov 2022 07:25
 Operator : VA/SY
 Sample : N5531-10RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-30RE

Quant Time: Nov 14 01:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

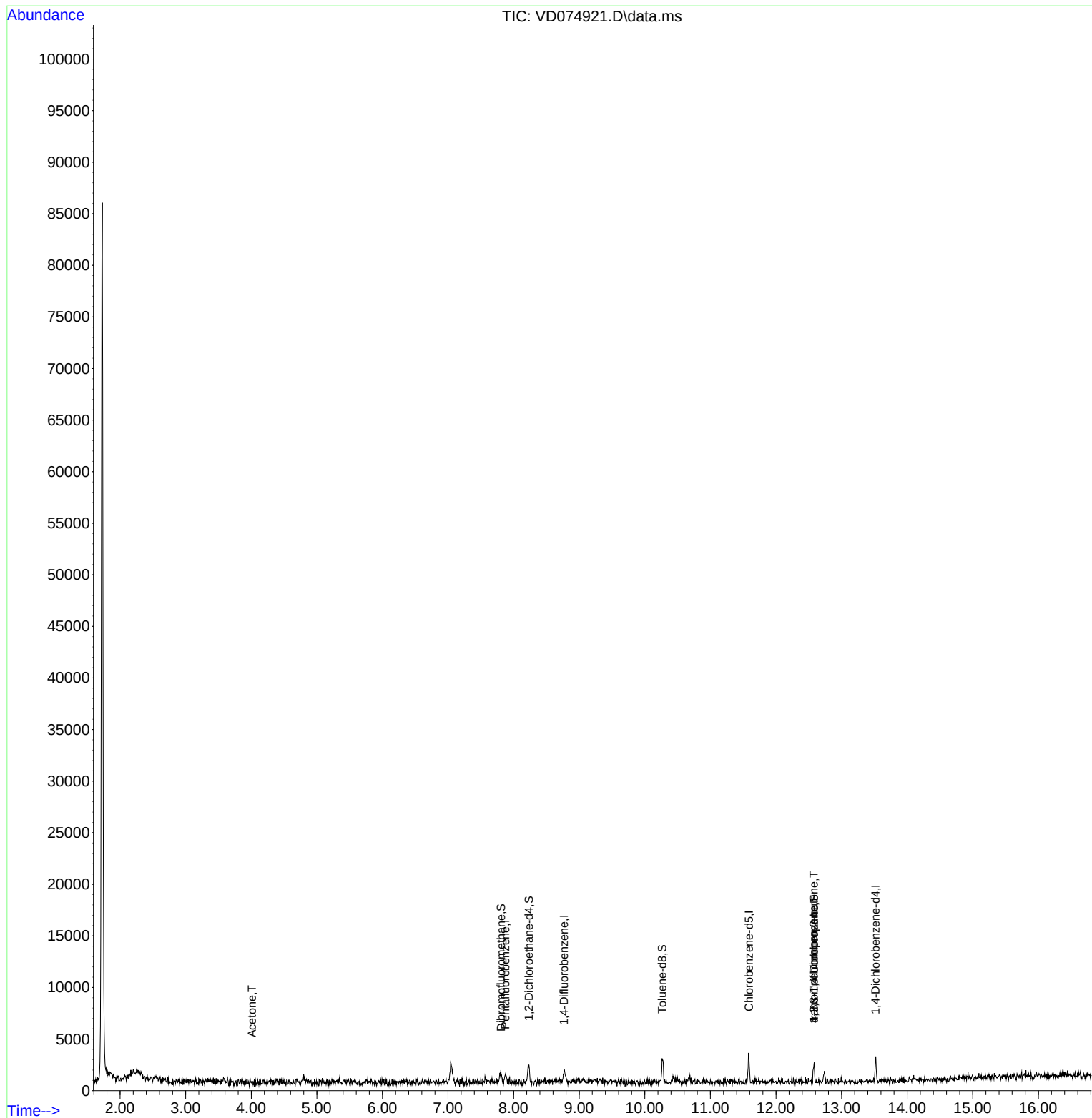
Internal Standards						
1) Pentafluorobenzene	7.875	168	871	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	2190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	2087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1489	285.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	570.280%#
35) Dibromofluoromethane	7.810	113	773	57.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.520%
50) Toluene-d8	10.263	98	2289	51.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.575	95	700	51.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.520%
Target Compounds						
						Qvalue
16) Acetone	4.011	43	67	46.597	ug/l	# 37
20) Methylene Chloride	4.787	84	139	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.575	75	299	39.676	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	299	97.605	ug/l	# 17

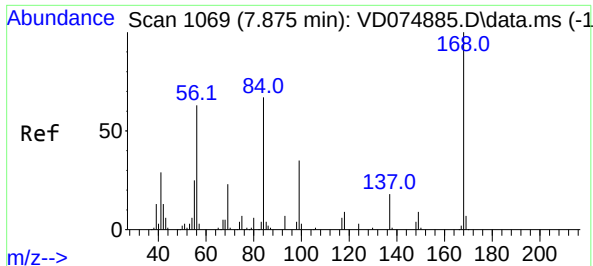
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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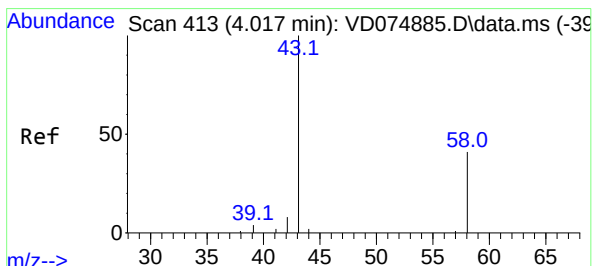
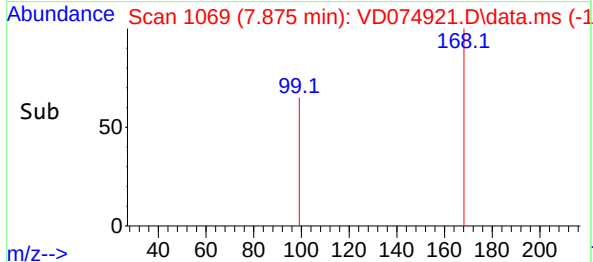
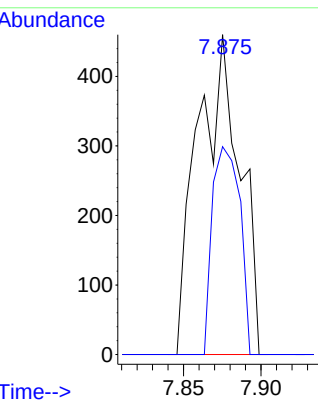
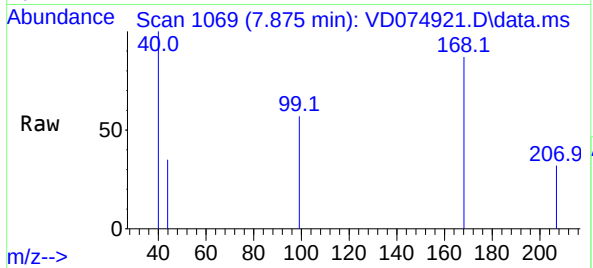




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

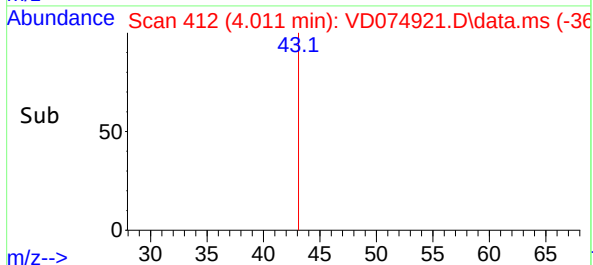
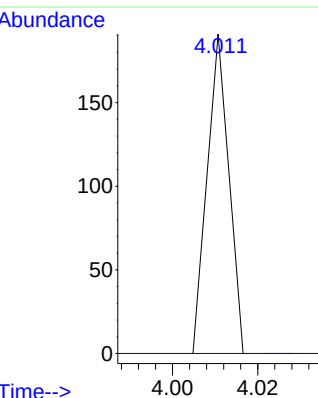
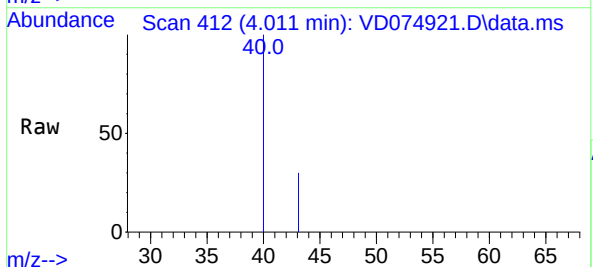
Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

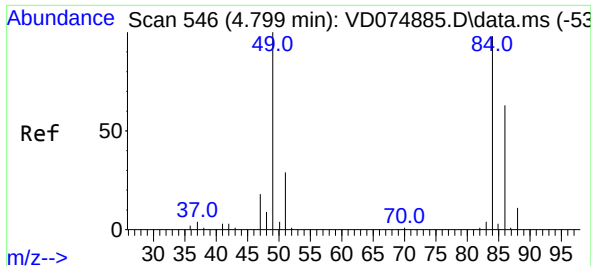
Tgt Ion:168 Resp: 871
Ion Ratio Lower Upper
168 100
99 65.0 40.9 61.3#



#16
Acetone
Concen: 46.597 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

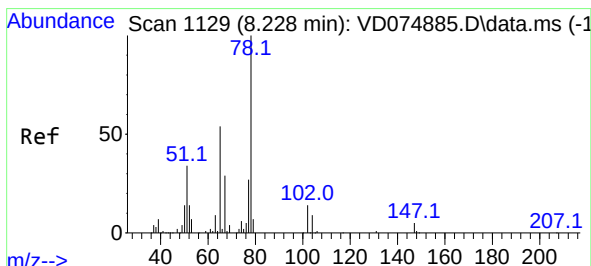
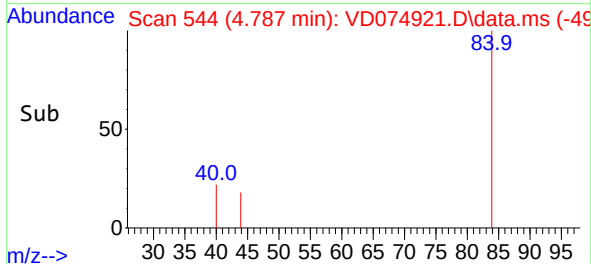
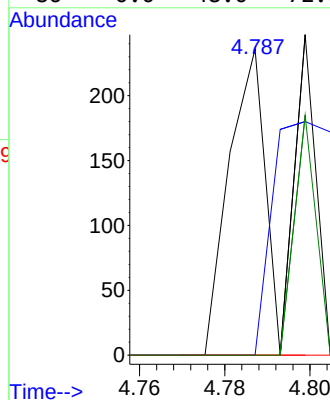
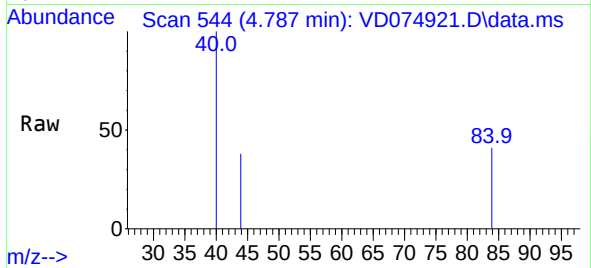




#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

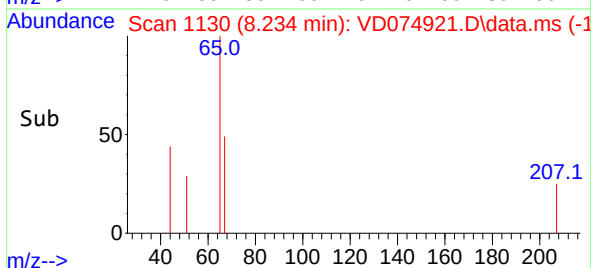
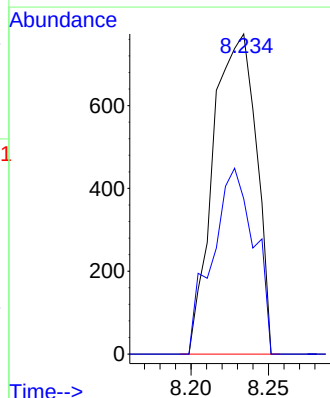
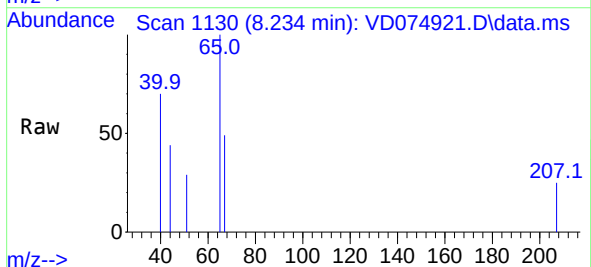
Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

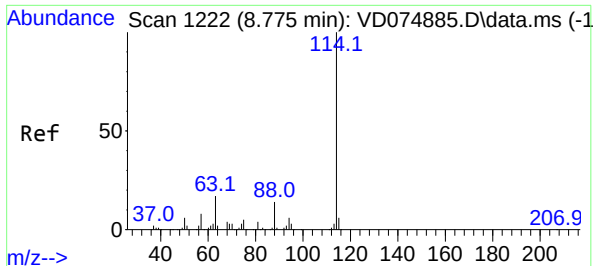
Tgt Ion: 84 Resp: 139
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#



#33
1,2-Dichloroethane-d4
Concen: 285.143 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 65 Resp: 1489
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074921.D

Acq: 12 Nov 2022 07:25

Instrument :

MSVOA_D

ClientSampleId :

SB-30RE

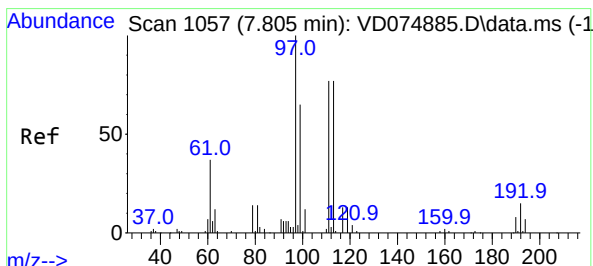
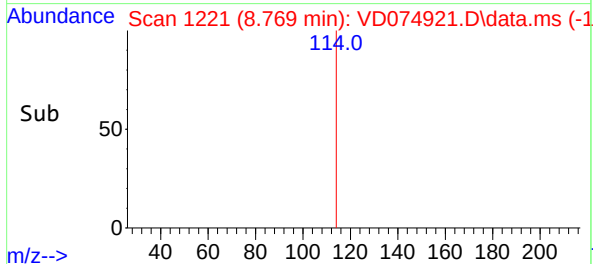
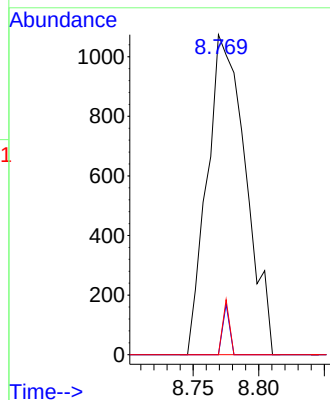
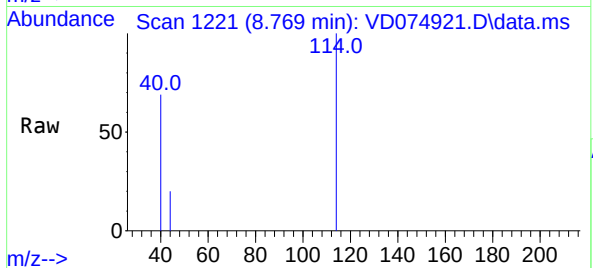
Tgt Ion:114 Resp: 2190

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.260 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074921.D

Acq: 12 Nov 2022 07:25

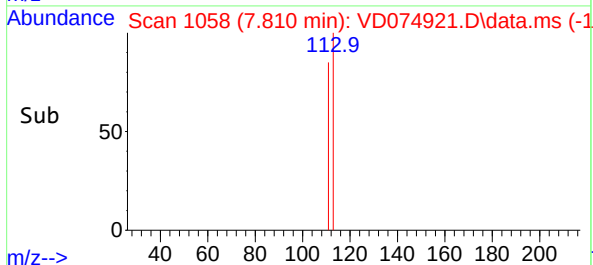
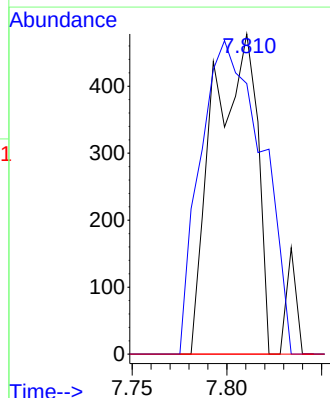
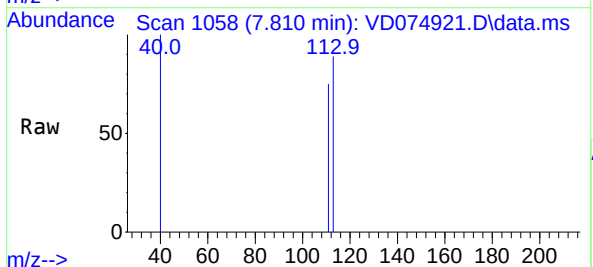
Tgt Ion:113 Resp: 773

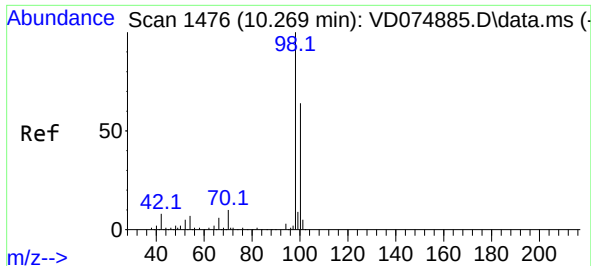
Ion Ratio Lower Upper

113 100

111 137.3 82.3 123.5#

192 0.0 16.4 24.6#

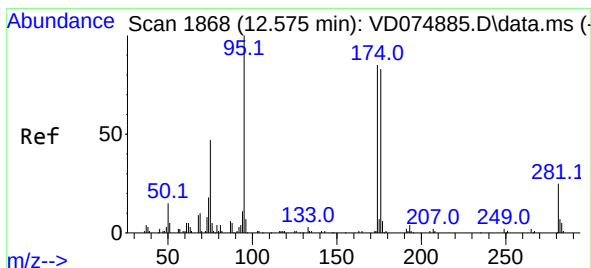
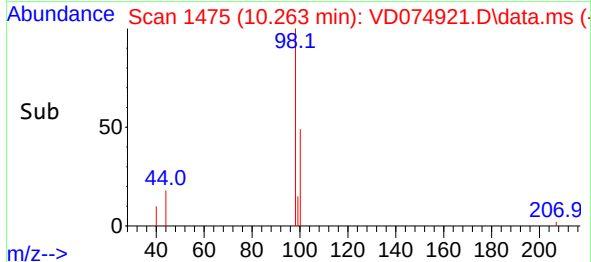
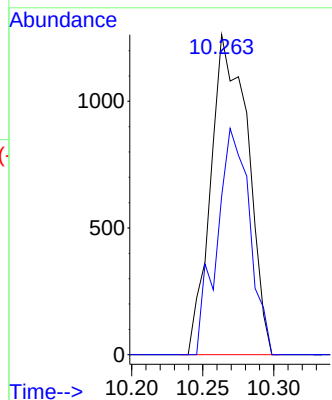
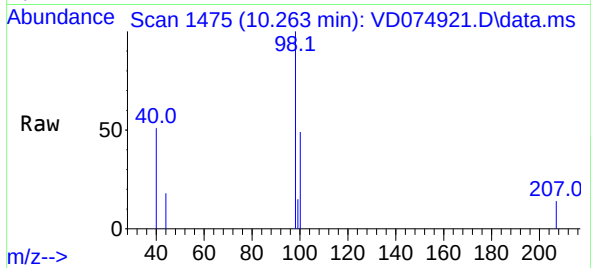




#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

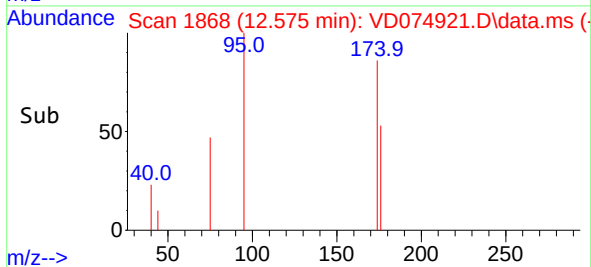
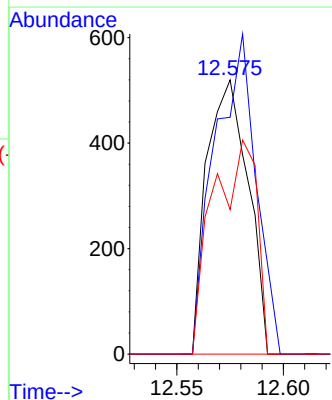
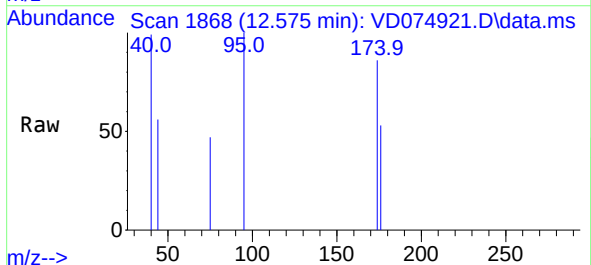
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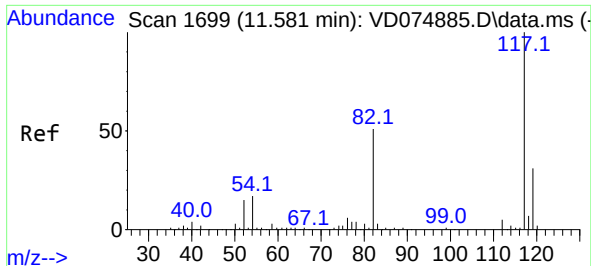
Tgt Ion: 98 Resp: 2289
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 95 Resp: 700
Ion Ratio Lower Upper
95 100
174 116.1 0.0 197.0
176 82.7 0.0 182.6

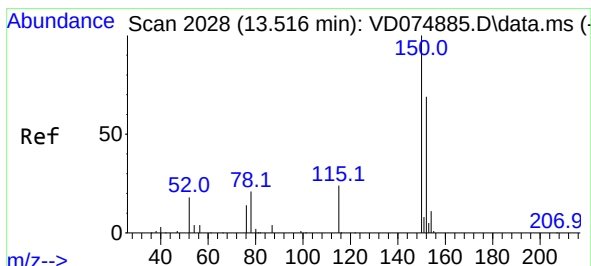
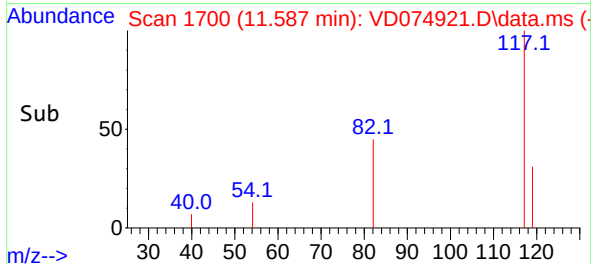
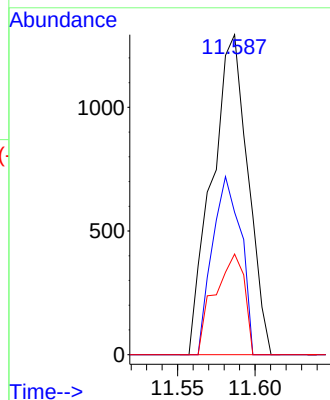
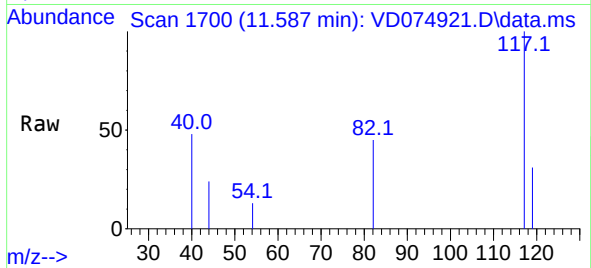




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

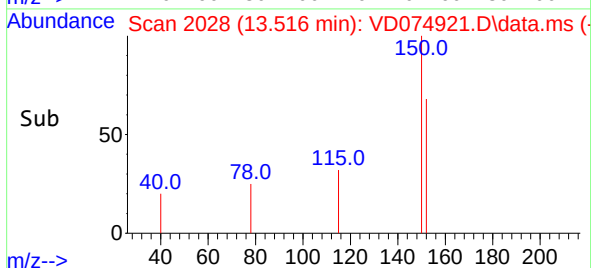
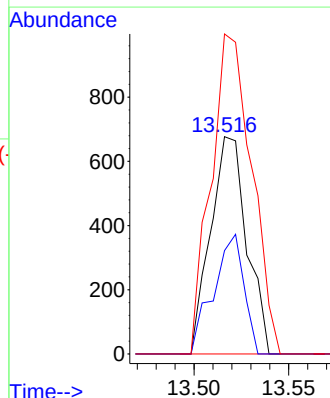
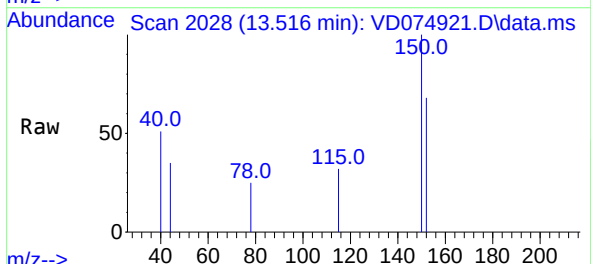
Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

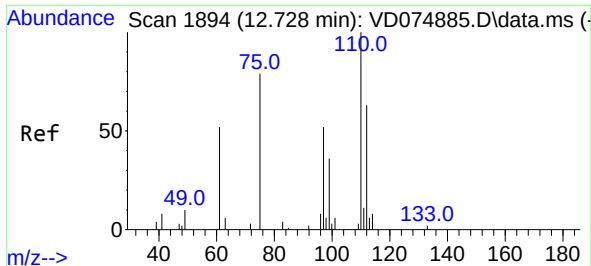
Tgt Ion:117	Resp:	2087
Ion	Ratio	Lower Upper
117	100	
82	44.5	41.6 62.4
119	31.5	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion:152	Resp:	901
Ion	Ratio	Lower Upper
152	100	
115	46.3	26.8 80.4
150	165.4	0.0 348.2

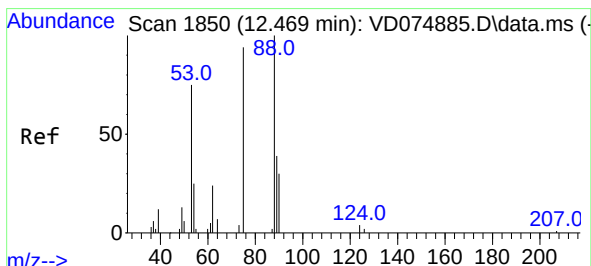
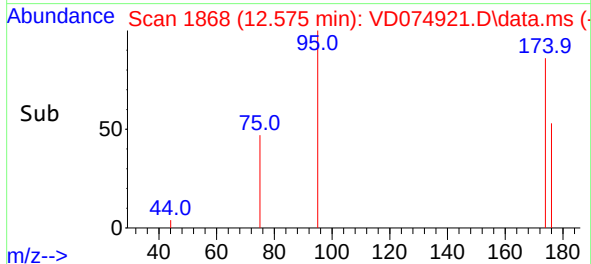
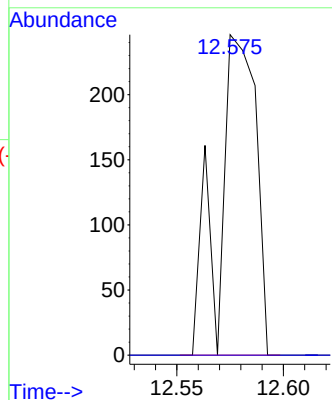
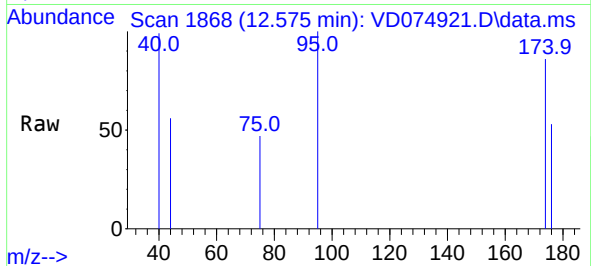




#76
1,2,3-Trichloropropane
Concen: 39.676 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

Tgt Ion: 75 Resp: 299
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.605 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 75 Resp: 299
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

