

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073027.D
 Acq On : 14 May 2022 10:04
 Operator : VA/SY
 Sample : N2823-13
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-13

Quant Time: May 16 05:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

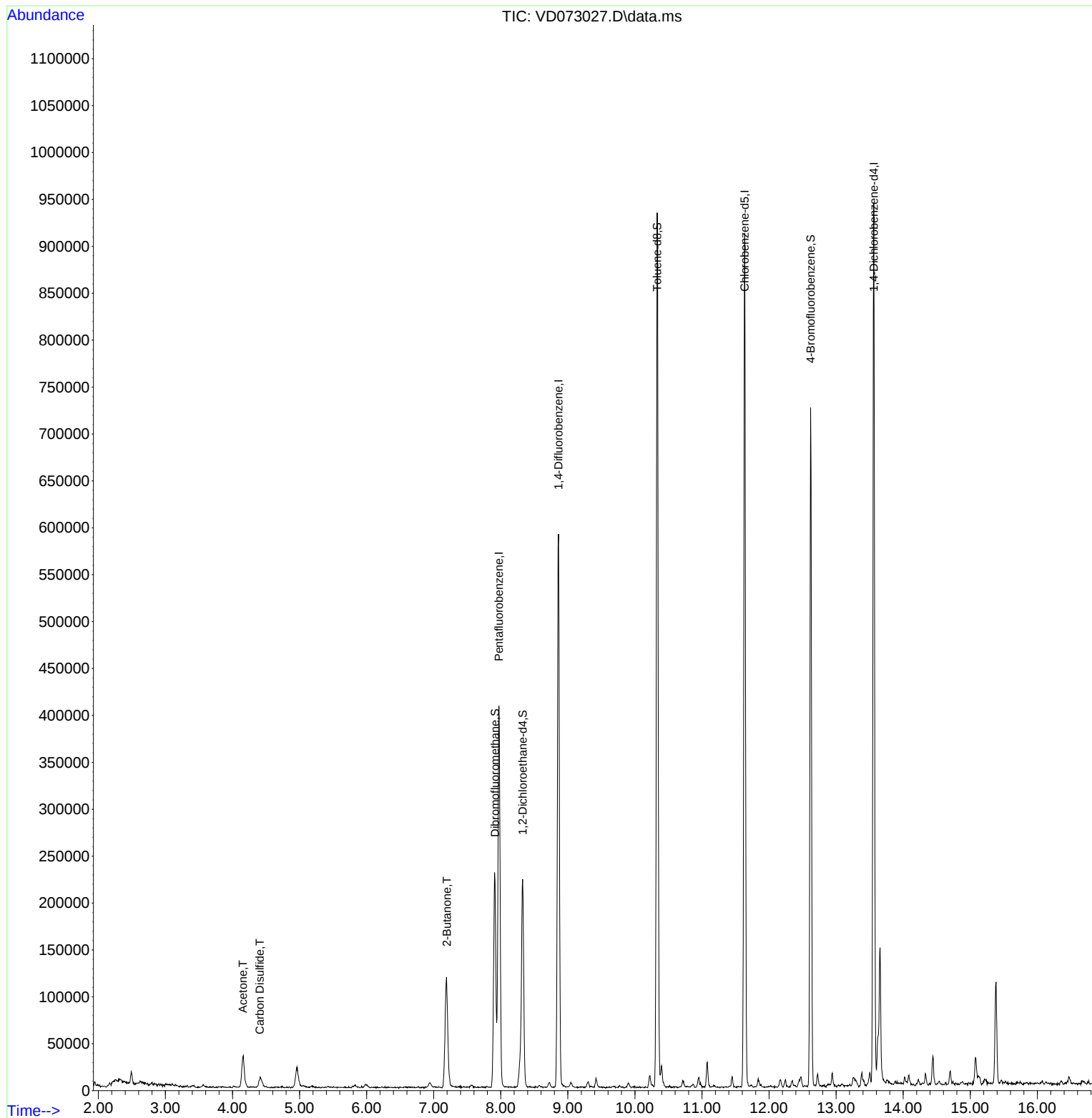
Internal Standards						
1) Pentafluorobenzene	7.973	168	289494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	511793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	521101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171301	45.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.914	113	168417	46.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.332	98	630528	48.903	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.620	95	239278	49.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	57079	71.179	ug/l	99
17) Carbon Disulfide	4.409	76	16137	1.470	ug/l #	90
25) 2-Butanone	7.197	43	15879	14.502	ug/l #	81

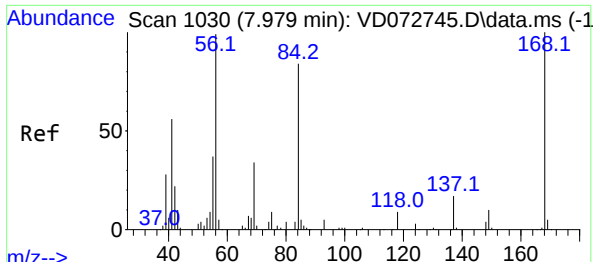
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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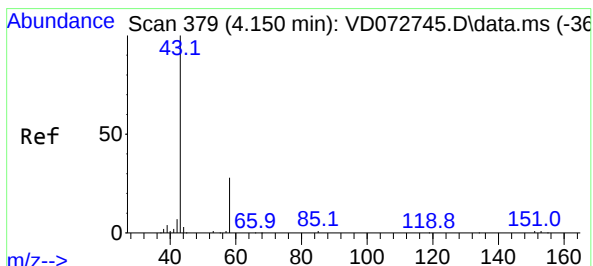
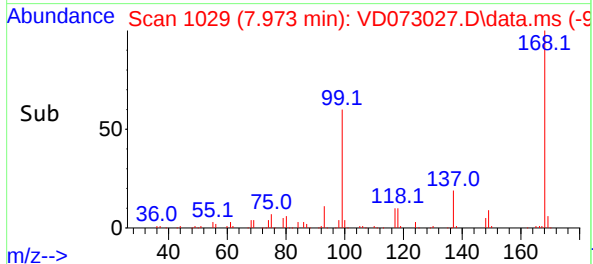
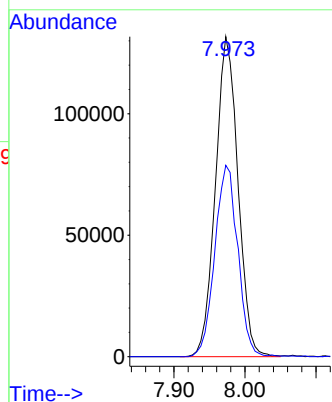
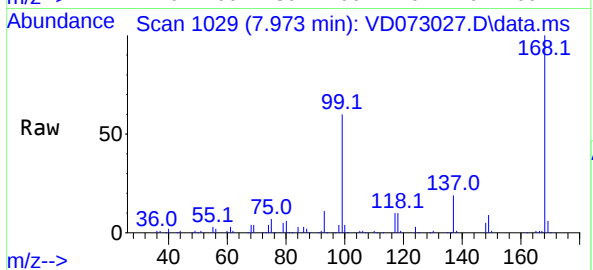




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

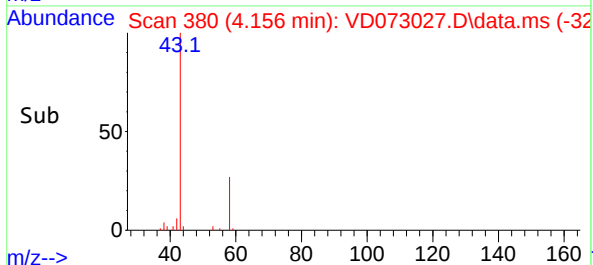
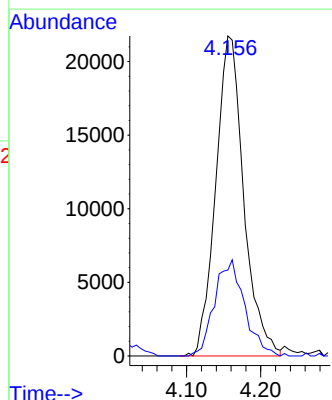
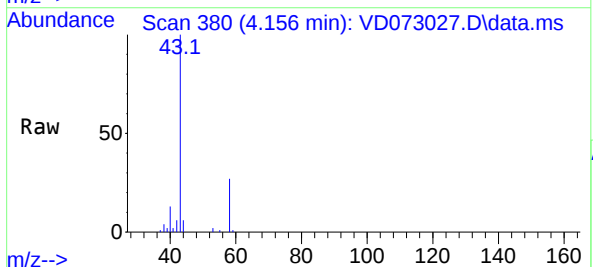
Instrument :
MSVOA_D
ClientSampleId :
SC-13

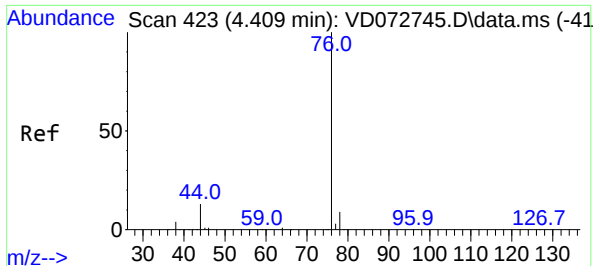
Tgt Ion:168 Resp: 289494
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#16
Acetone
Concen: 71.179 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

Tgt Ion: 43 Resp: 57079
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1

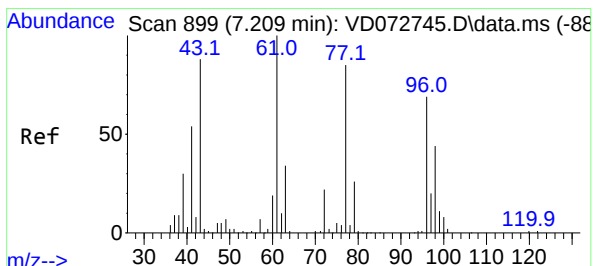
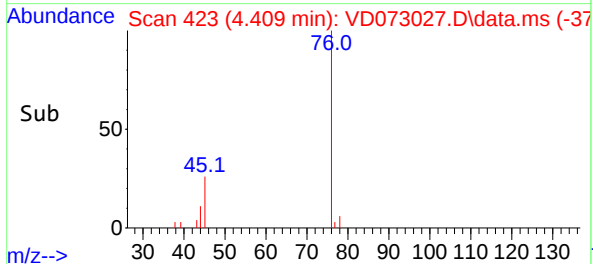
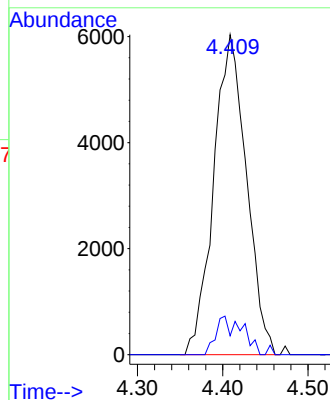
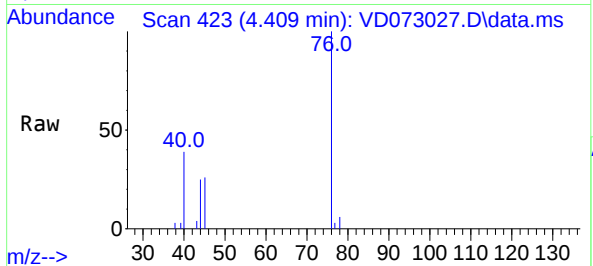




#17
Carbon Disulfide
Concen: 1.470 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

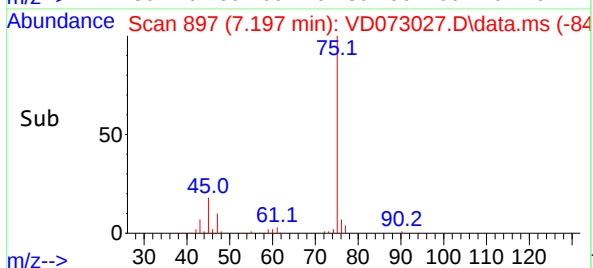
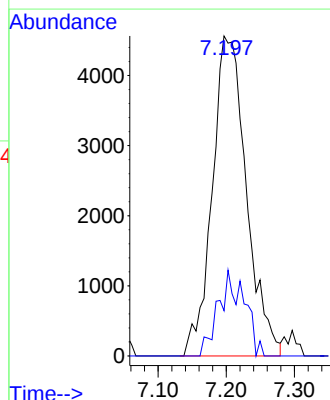
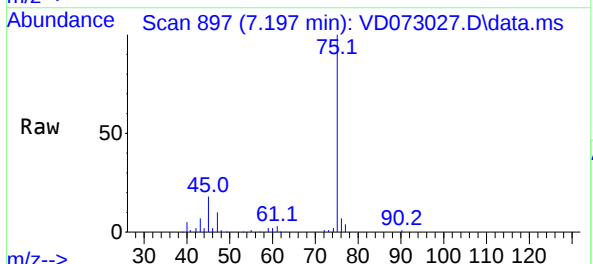
Instrument :
MSVOA_D
ClientSampleId :
SC-13

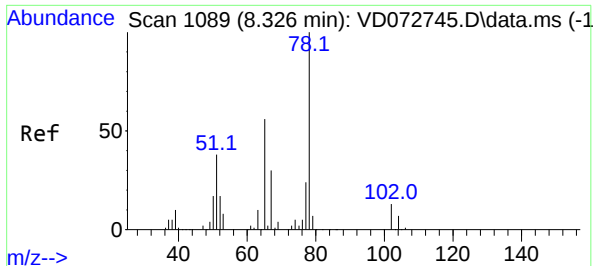
Tgt Ion: 76 Resp: 16137
Ion Ratio Lower Upper
76 100
78 5.9 7.5 11.3#



#25
2-Butanone
Concen: 14.502 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

Tgt Ion: 43 Resp: 15879
Ion Ratio Lower Upper
43 100
72 14.2 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 45.585 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073027.D

Acq: 14 May 2022 10:04

Instrument :

MSVOA_D

ClientSampleId :

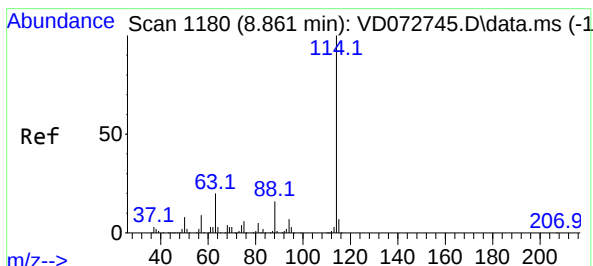
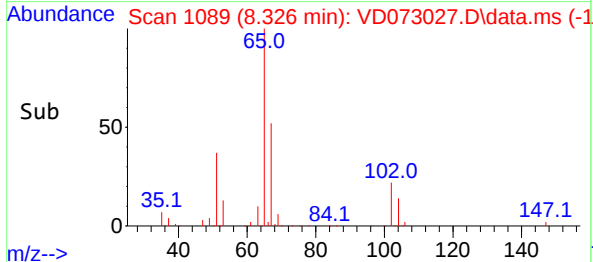
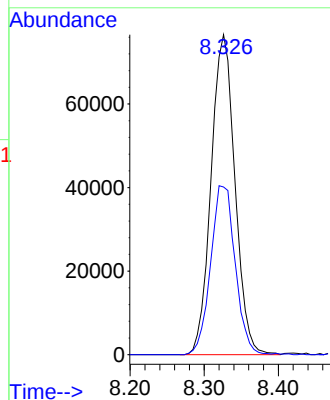
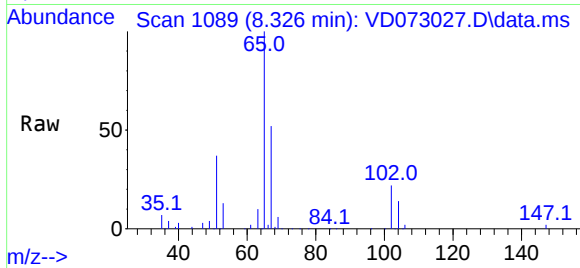
SC-13

Tgt Ion: 65 Resp: 171301

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073027.D

Acq: 14 May 2022 10:04

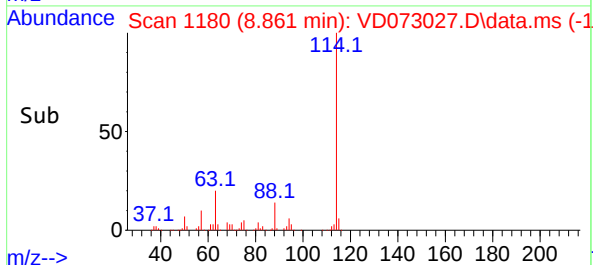
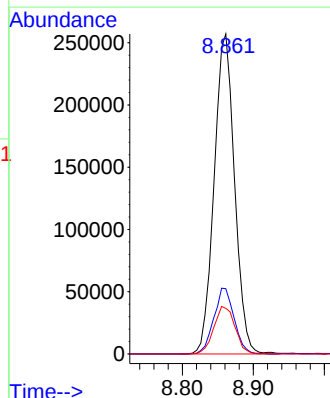
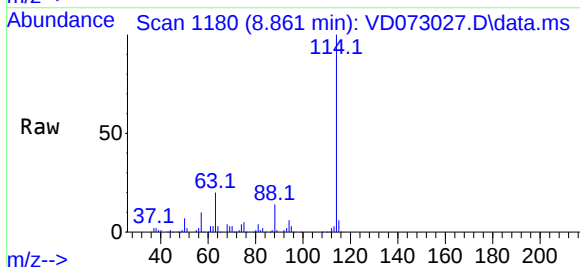
Tgt Ion: 114 Resp: 511793

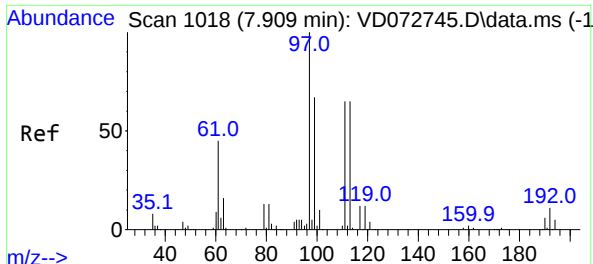
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.3 0.0 33.2

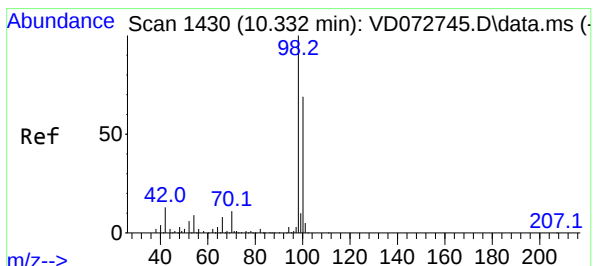
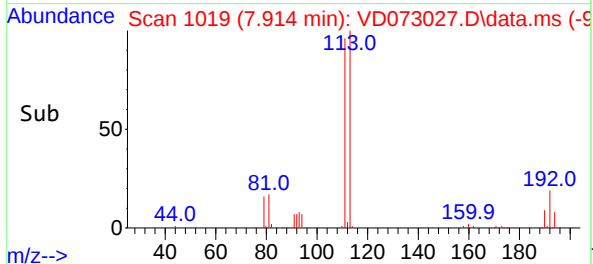
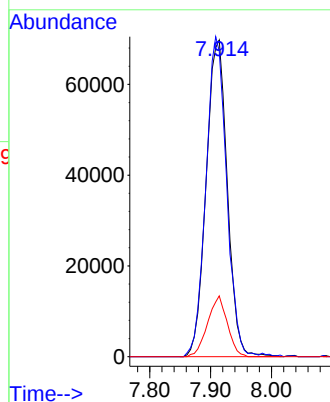
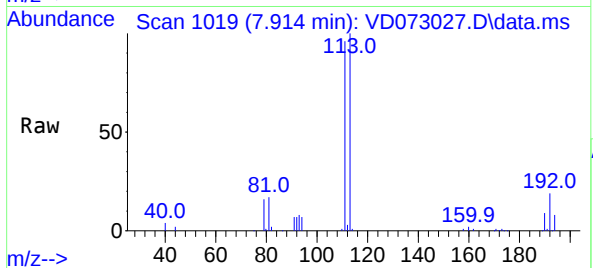




#35
Dibromofluoromethane
Concen: 46.856 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

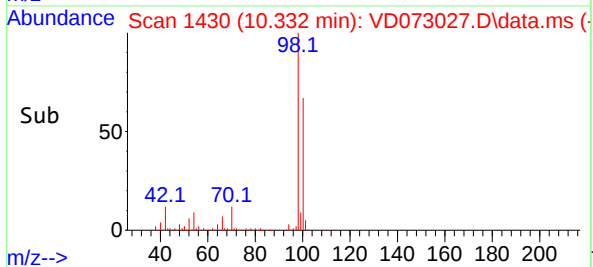
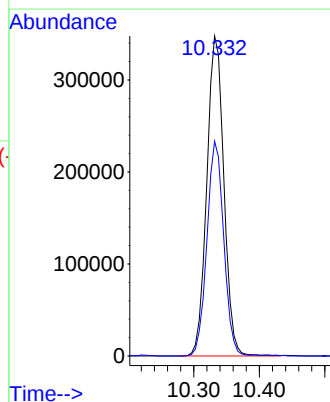
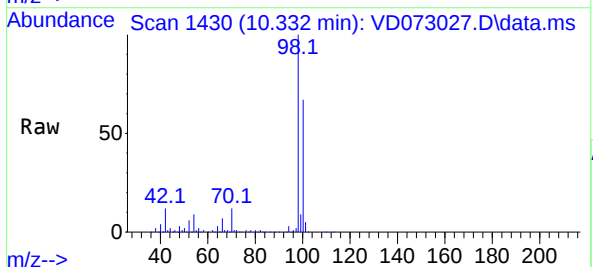
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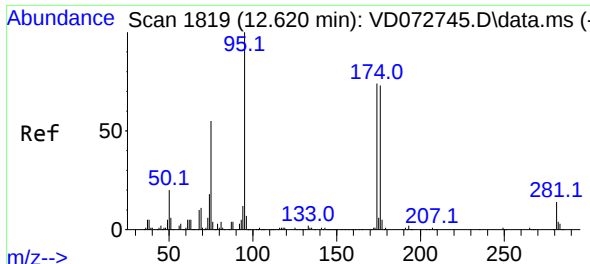
Tgt Ion:113 Resp: 168417
Ion Ratio Lower Upper
113 100
111 98.9 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 48.903 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

Tgt Ion: 98 Resp: 630528
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

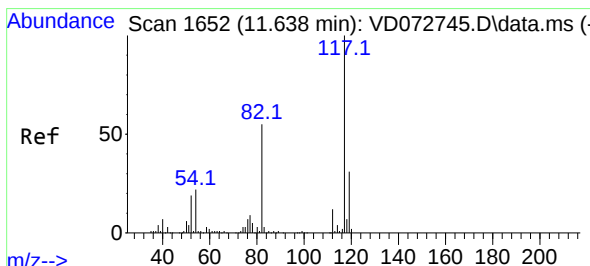
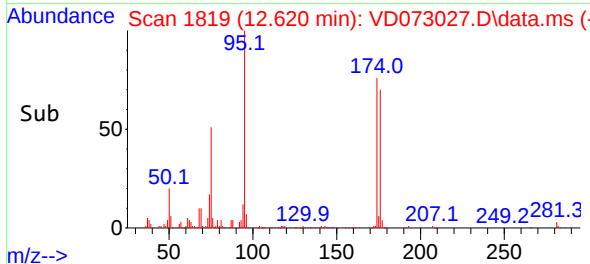
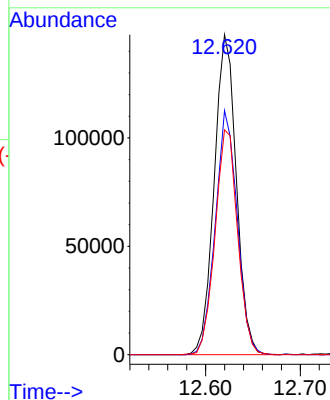
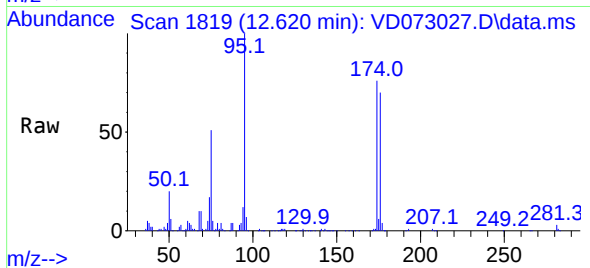




#62
4-Bromofluorobenzene
Concen: 49.771 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

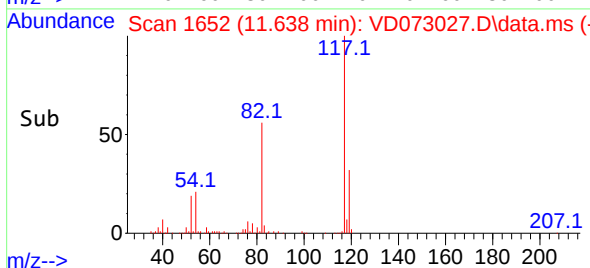
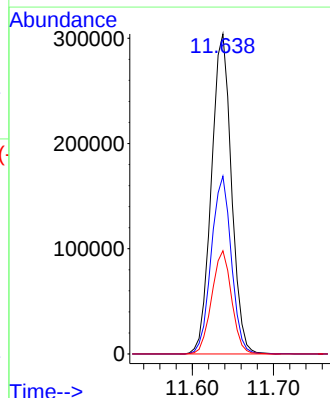
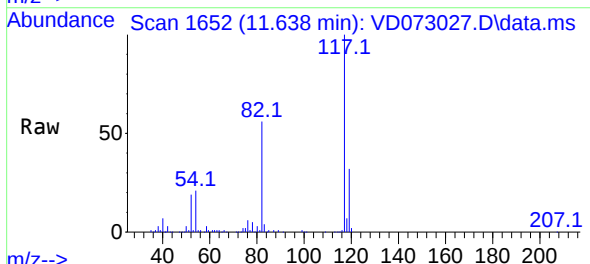
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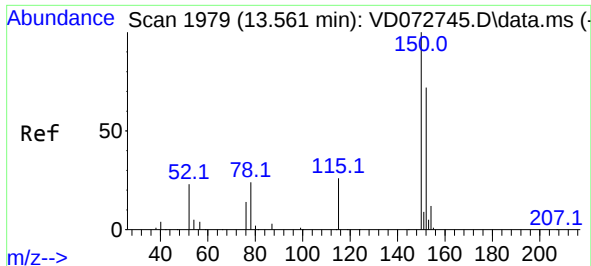
Tgt Ion: 95 Resp: 239278
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073027.D
Acq: 14 May 2022 10:04

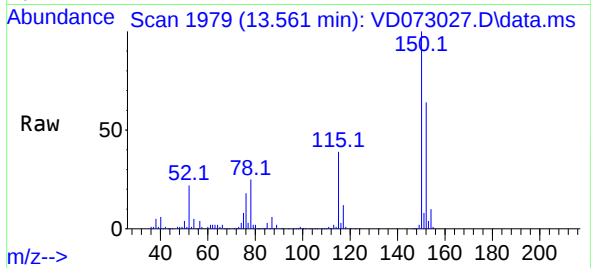
Tgt Ion: 117 Resp: 521101
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073027.D
 Acq: 14 May 2022 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-13



Tgt Ion:152 Resp: 245328

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.8
150	159.6	0.0	348.6

