

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074204.D
 Acq On : 24 Aug 2022 02:00
 Operator : VA/SY
 Sample : N4260-03
 Misc : 3.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(10-16)

Quant Time: Aug 24 06:26:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

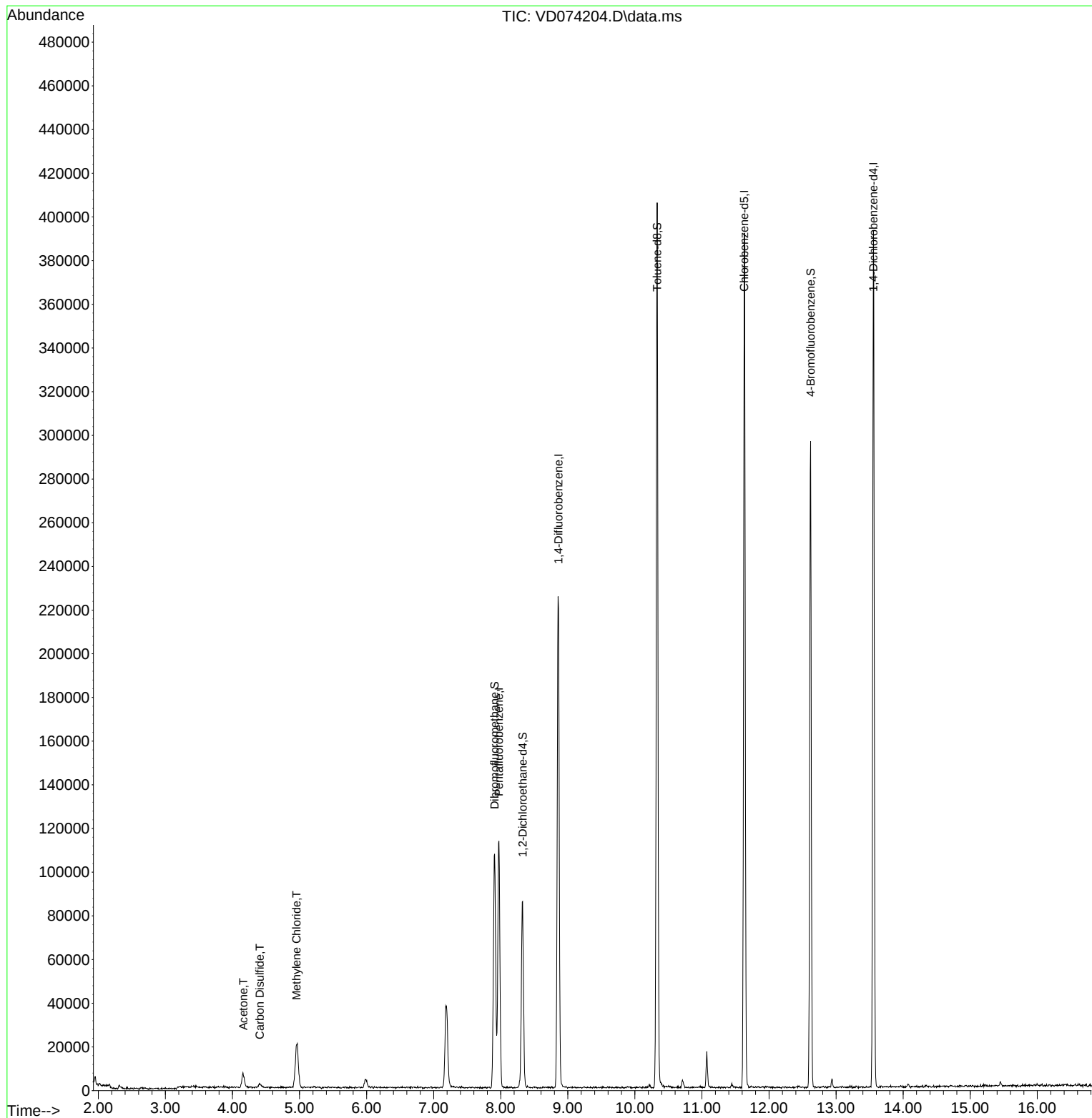
Internal Standards						
1) Pentafluorobenzene	7.973	168	80020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	197662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	225684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	106718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	69591	85.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.220%#	
35) Dibromofluoromethane	7.908	113	77022	58.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.520%	
50) Toluene-d8	10.332	98	264610	62.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.380%	
62) 4-Bromofluorobenzene	12.620	95	95775	56.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	11077	71.105	ug/l	95
17) Carbon Disulfide	4.409	76	3057	3.165	ug/l #	74
20) Methylene Chloride	4.956	84	16613	12.342	ug/l #	86

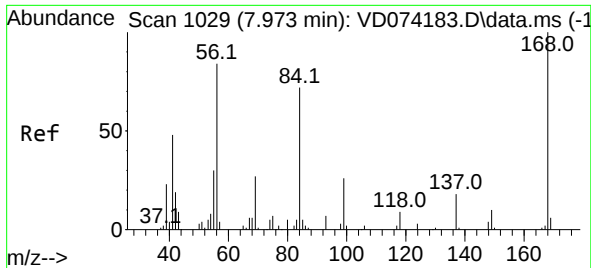
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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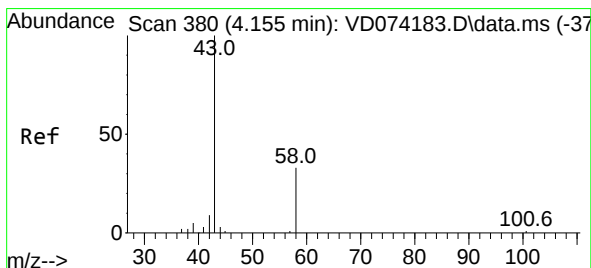
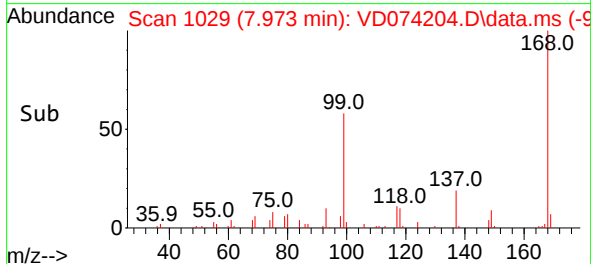
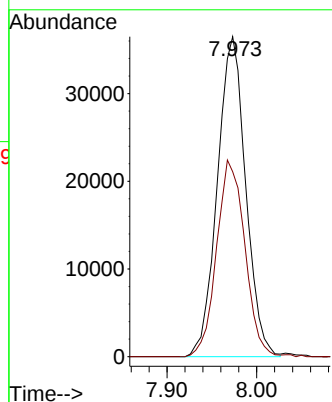
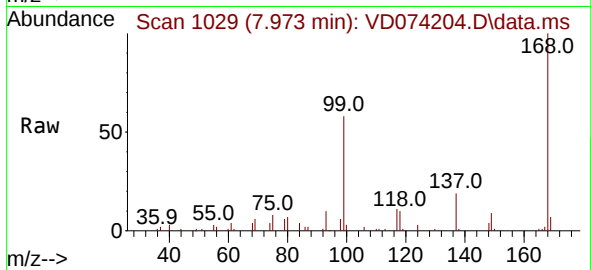




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

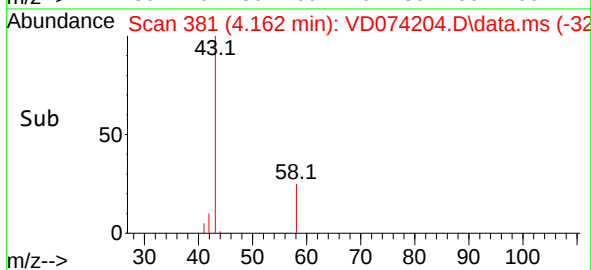
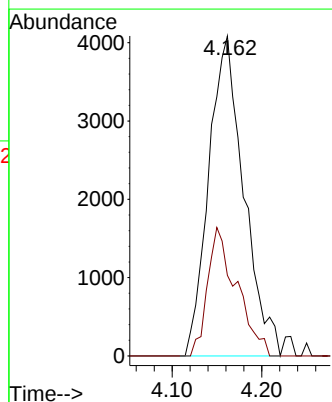
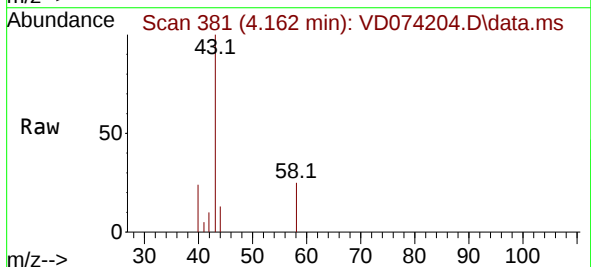
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)

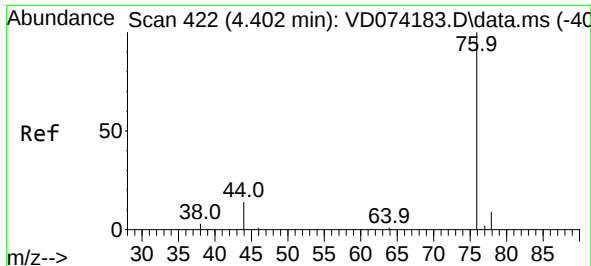
Tgt Ion:168 Resp: 80020
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#16
Acetone
Concen: 71.105 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

Tgt Ion: 43 Resp: 11077
Ion Ratio Lower Upper
43 100
58 25.2 22.1 33.1

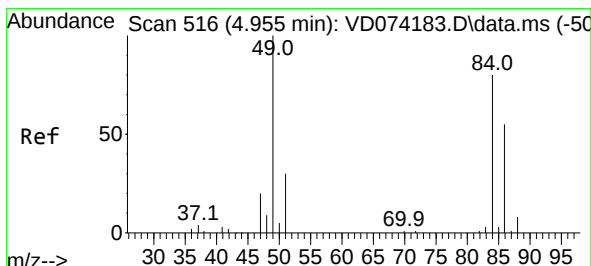
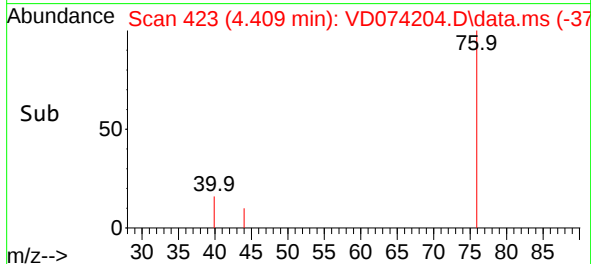
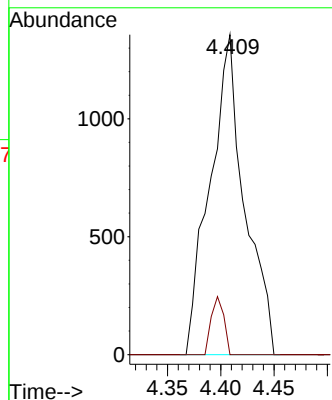
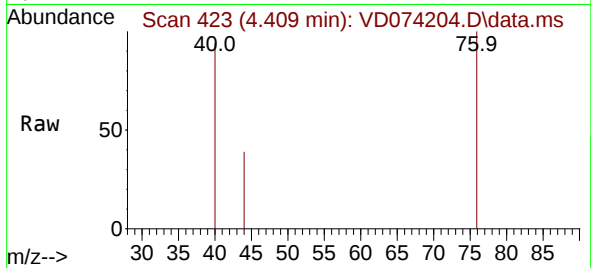




#17
Carbon Disulfide
Concen: 3.165 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.007 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

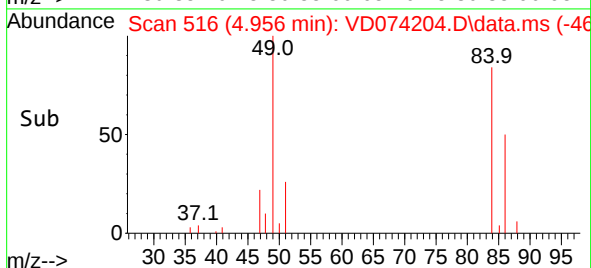
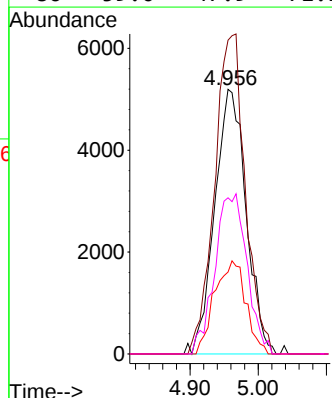
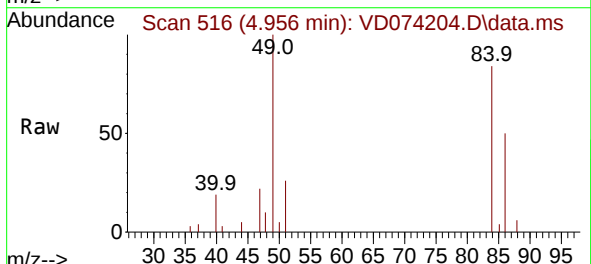
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(10-16)

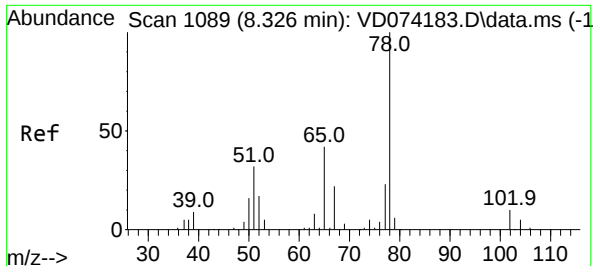
Tgt Ion: 76 Resp: 3057
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 12.342 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

Tgt Ion: 84 Resp: 16613
Ion Ratio Lower Upper
84 100
49 118.6 112.8 169.2
51 31.0 32.6 48.8#
86 59.0 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 85.108 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD074204.D

Acq: 24 Aug 2022 02:00

Instrument :

MSVOA_D

ClientSampleId :

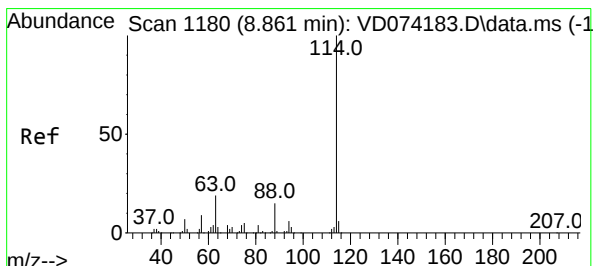
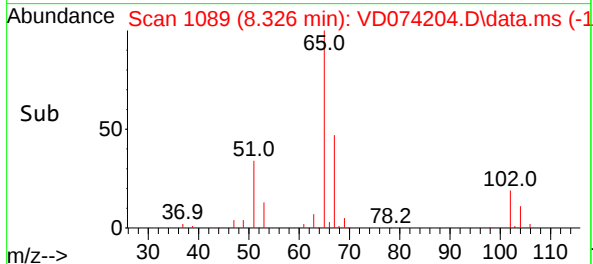
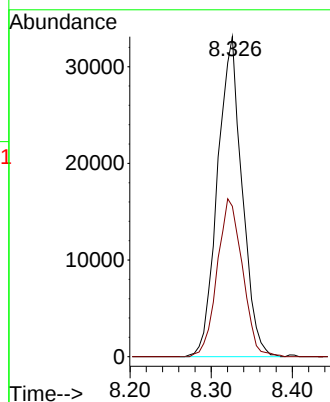
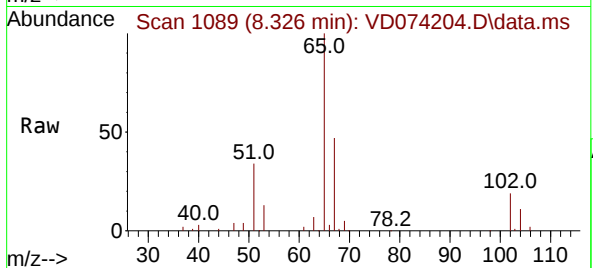
SASP2-T-4-(10-16)

Tgt Ion: 65 Resp: 69591

Ion Ratio Lower Upper

65 100

67 50.9 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: VD074204.D

Acq: 24 Aug 2022 02:00

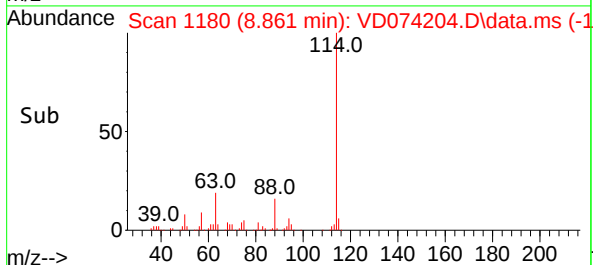
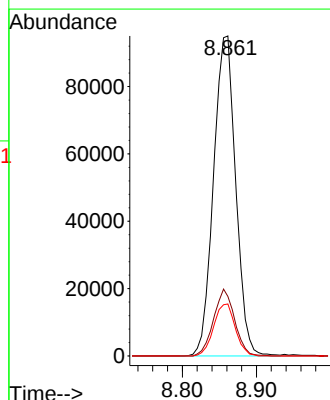
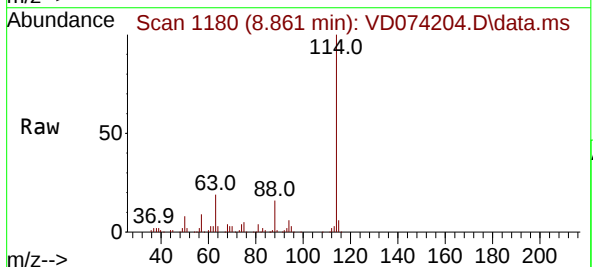
Tgt Ion: 114 Resp: 197662

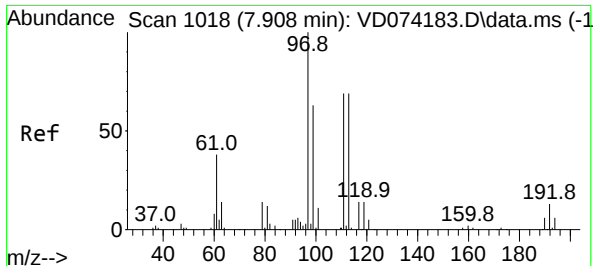
Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.256 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074204.D

Acq: 24 Aug 2022 02:00

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(10-16)

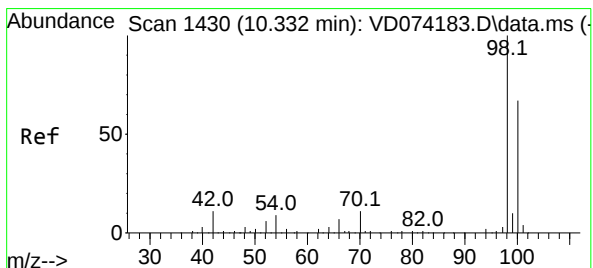
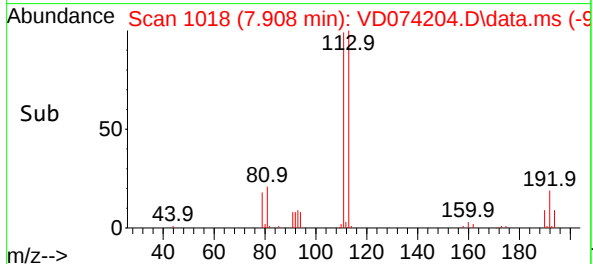
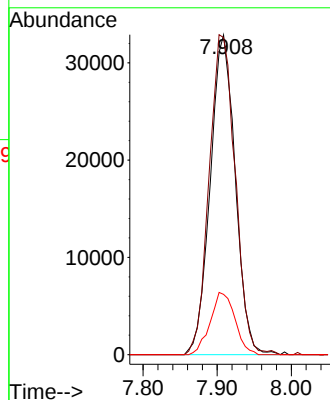
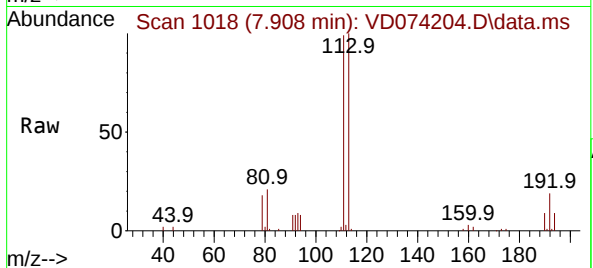
Tgt Ion:113 Resp: 77022

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 19.3 14.6 21.8



#50

Toluene-d8

Concen: 62.186 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074204.D

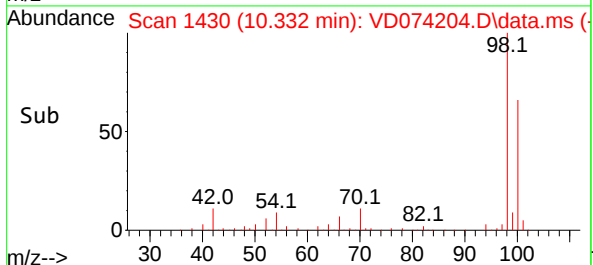
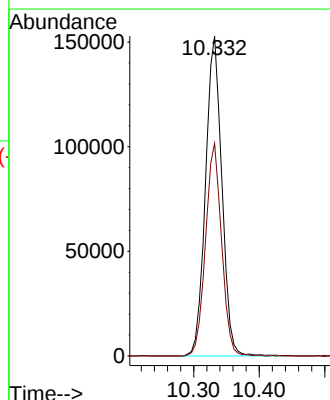
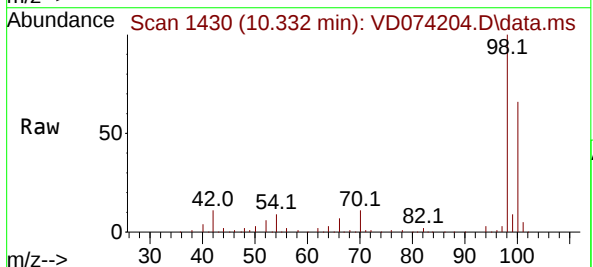
Acq: 24 Aug 2022 02:00

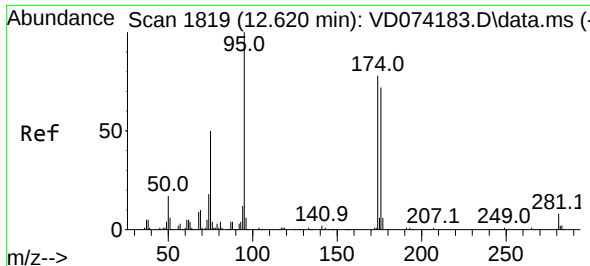
Tgt Ion: 98 Resp: 264610

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6

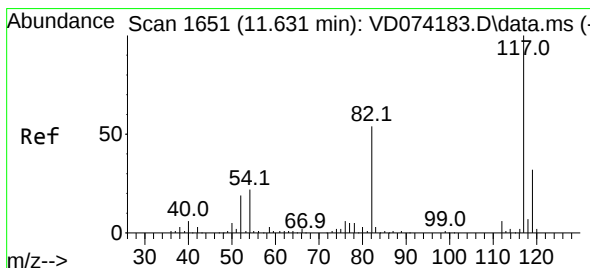
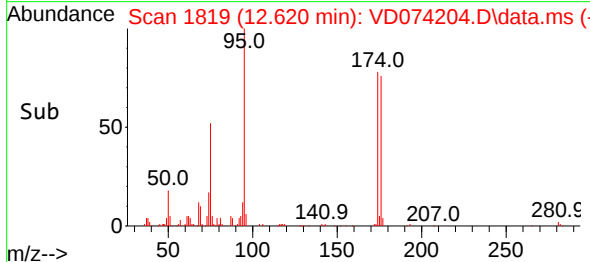
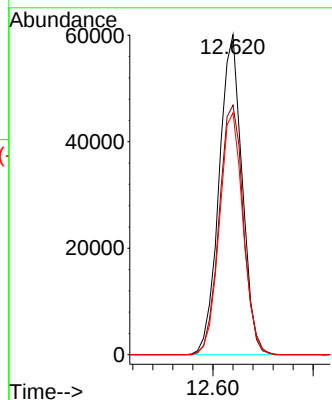
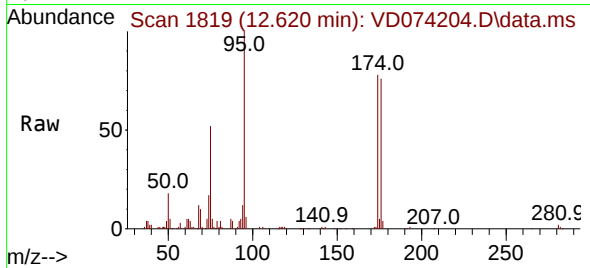




#62
4-Bromofluorobenzene
Concen: 56.974 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

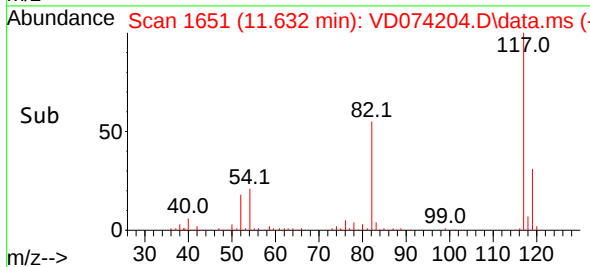
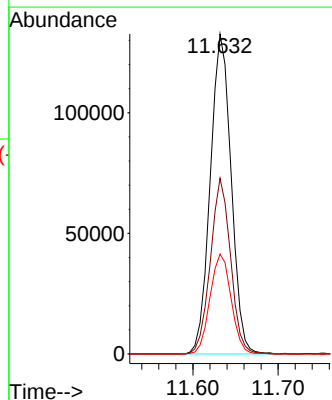
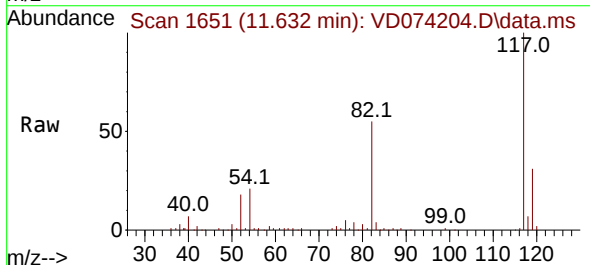
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SASP2-T-4-(10-16)

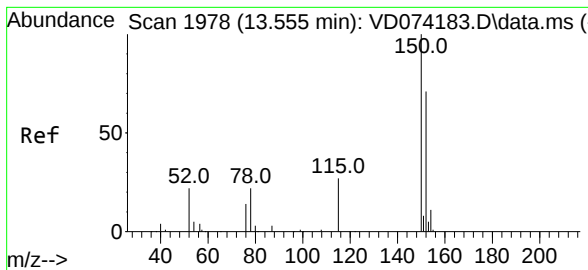
Tgt Ion: 95 Resp: 95775
Ion Ratio Lower Upper
95 100
174 82.0 0.0 152.8
176 77.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074204.D
Acq: 24 Aug 2022 02:00

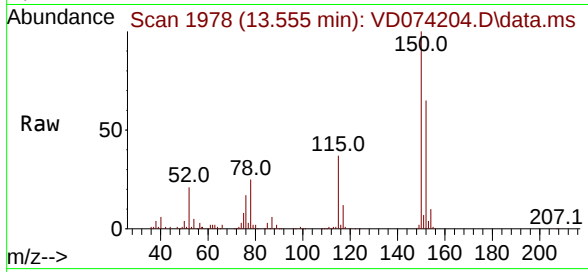
Tgt Ion: 117 Resp: 225684
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 31.2 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074204.D
 Acq: 24 Aug 2022 02:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(10-16)



Tgt Ion:	152	Resp:	106718
Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.3	93.8
150	154.7	0.0	348.6

