

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073258.D
 Acq On : 22 May 2022 06:32
 Operator : VA/SY
 Sample : N2920-13
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-02

Quant Time: May 23 01:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

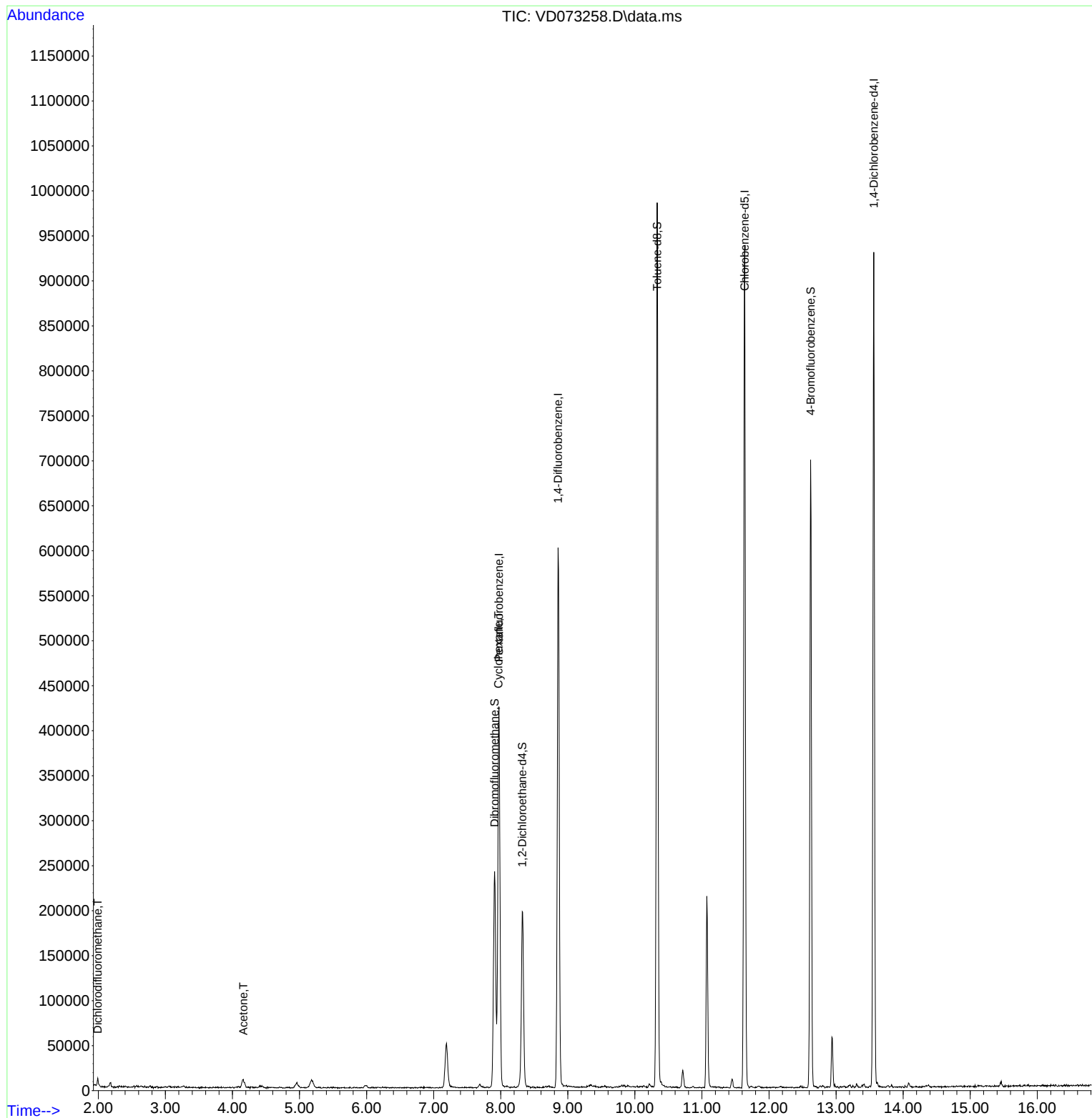
Internal Standards						
1) Pentafluorobenzene	7.973	168	302242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	516706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	153265	45.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.760%
35) Dibromofluoromethane	7.908	113	172458	50.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.332	98	642643	51.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.620	95	229651	52.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	5652	1.871	ug/l	91
16) Acetone	4.162	43	16114	27.852	ug/l #	83
31) Cyclohexane	7.967	56	7805	1.337	ug/l #	6

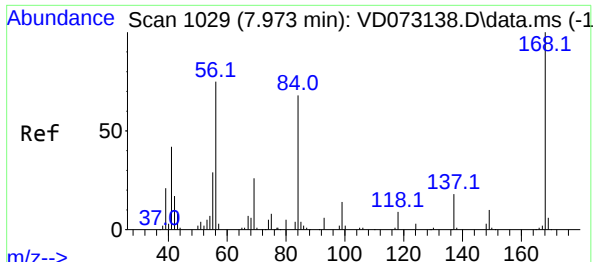
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD073258.D

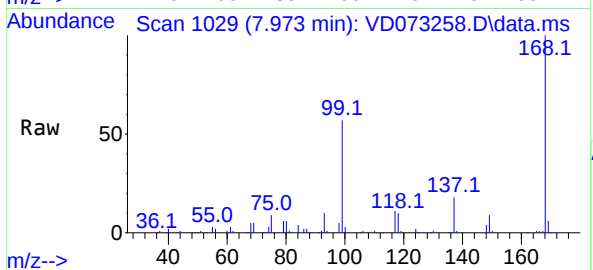
Acq: 22 May 2022 06:32

Instrument :

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ClientSampleId :

P024-SS001-2430-02

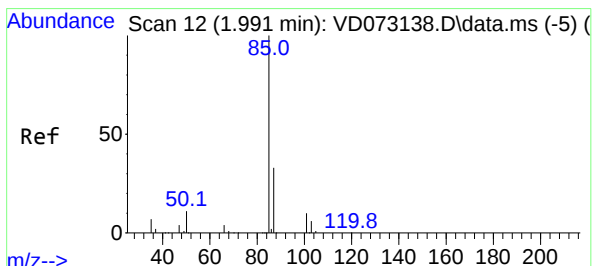
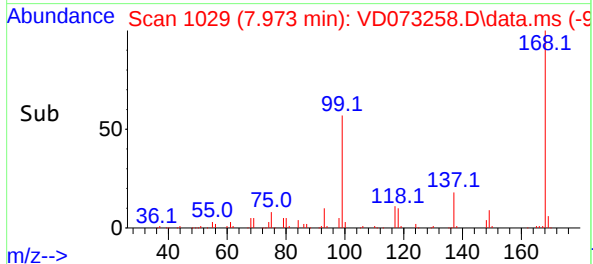
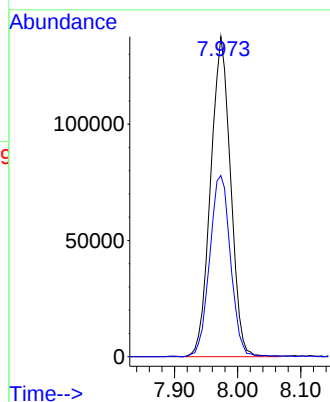


Tgt Ion:168 Resp: 302242

Ion Ratio Lower Upper

168 100

99 56.6 49.8 74.6



Dichlorodifluoromethane

Concen: 1.871 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD073258.D

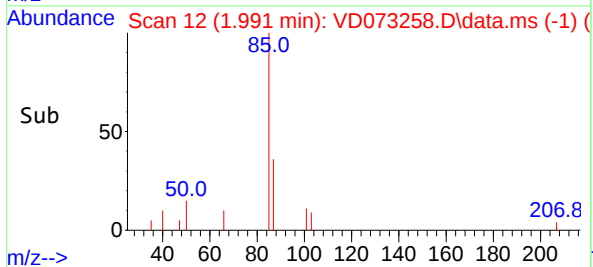
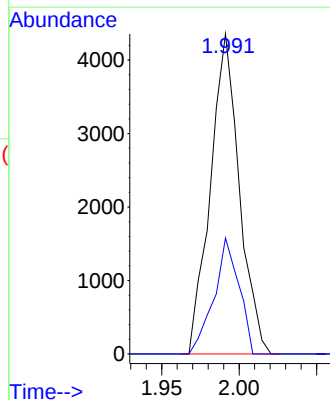
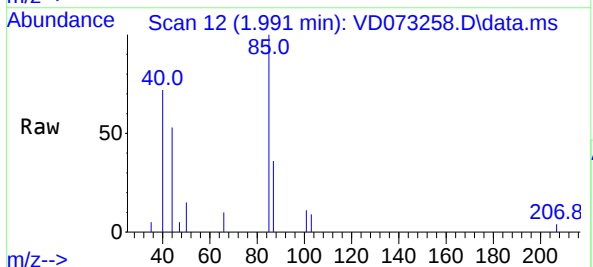
Acq: 22 May 2022 06:32

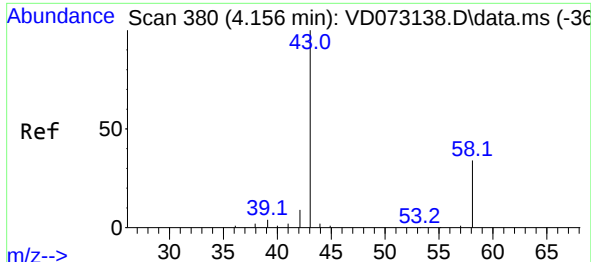
Tgt Ion: 85 Resp: 5652

Ion Ratio Lower Upper

85 100

87 36.2 15.7 47.0





#16

Acetone

Concen: 27.852 ug/l

RT: 4.162 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Instrument :

MSVOA_D

ClientSampleId :

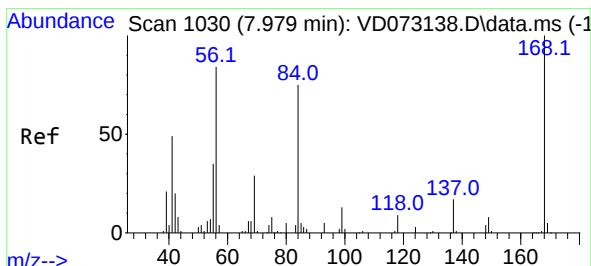
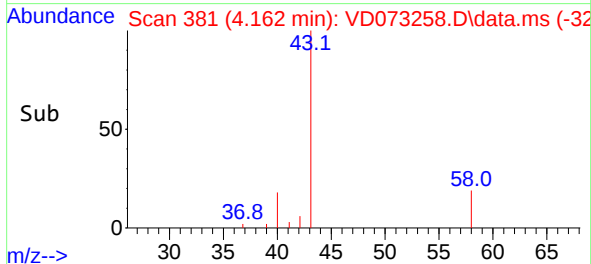
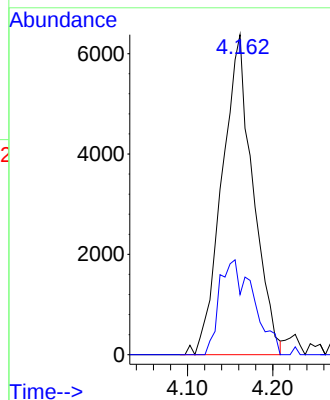
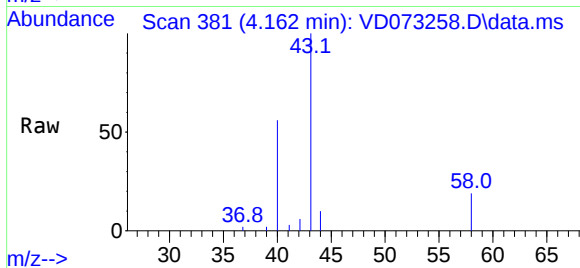
P024-SS001-2430-02

Tgt Ion: 43 Resp: 16114

Ion Ratio Lower Upper

43 100

58 18.8 22.1 33.1#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

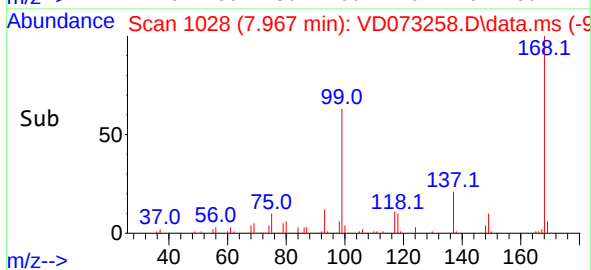
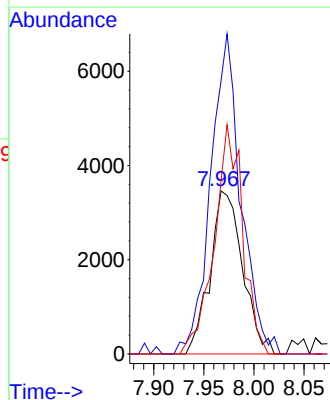
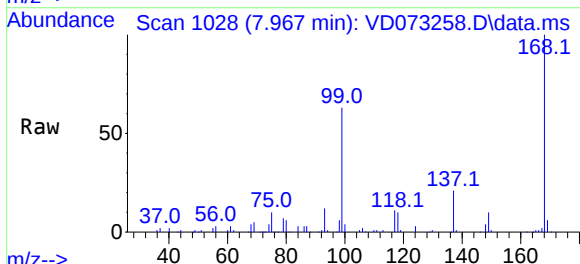
Tgt Ion: 56 Resp: 7805

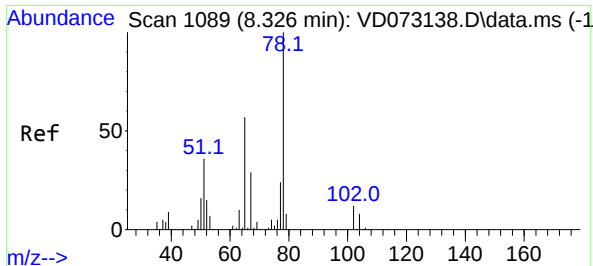
Ion Ratio Lower Upper

56 100

69 168.1 25.4 38.2#

84 106.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.885 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

Instrument :

MSVOA_D

ClientSampleId :

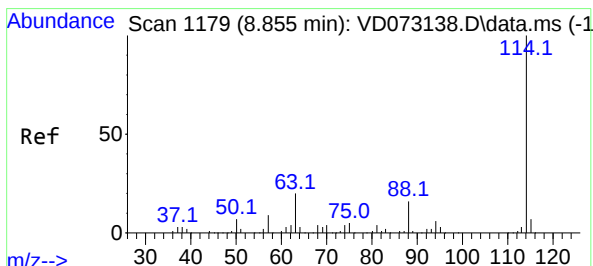
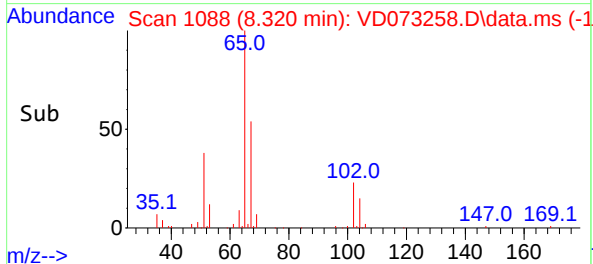
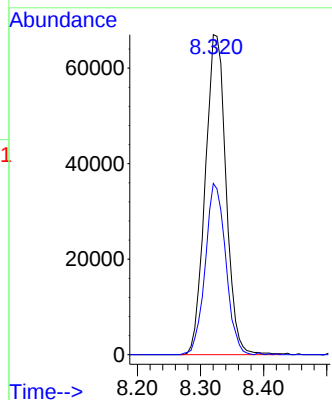
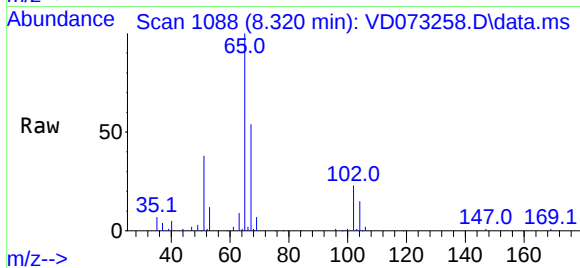
P024-SS001-2430-02

Tgt Ion: 65 Resp: 153265

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073258.D

Acq: 22 May 2022 06:32

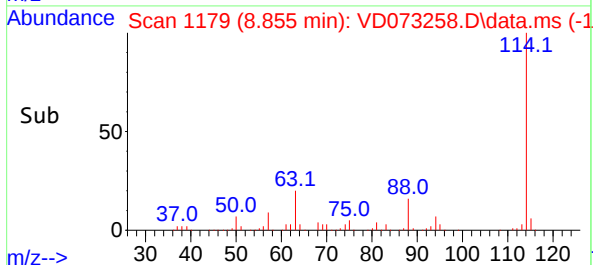
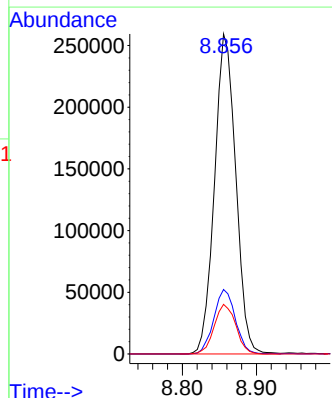
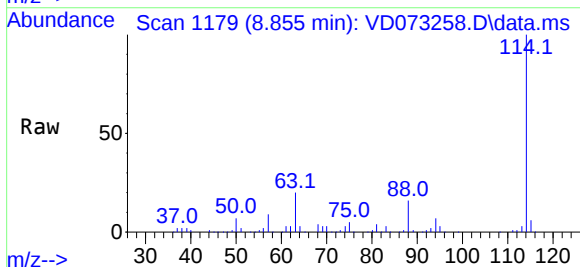
Tgt Ion:114 Resp: 516706

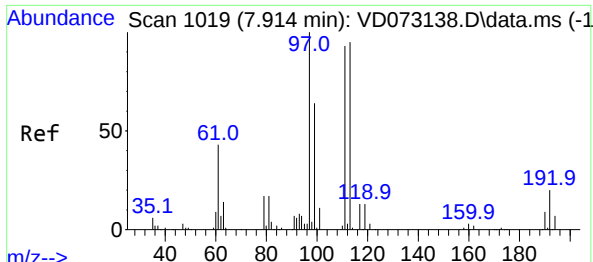
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.5 0.0 33.2

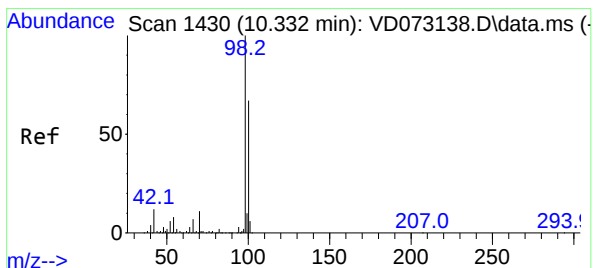
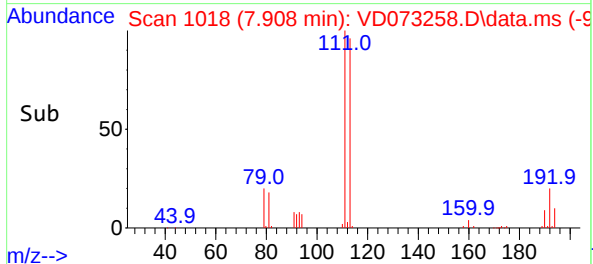
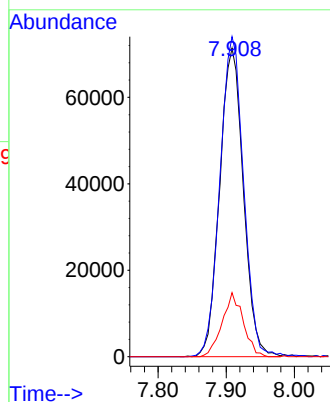
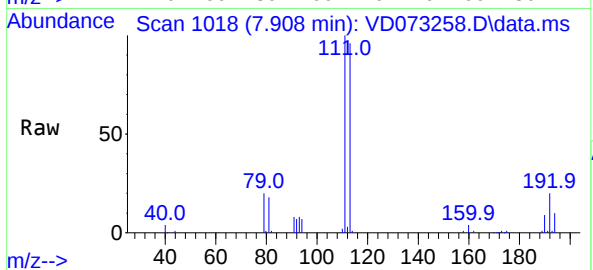




#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

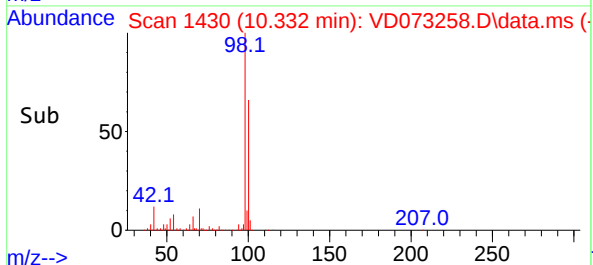
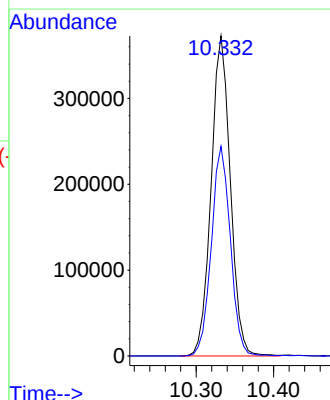
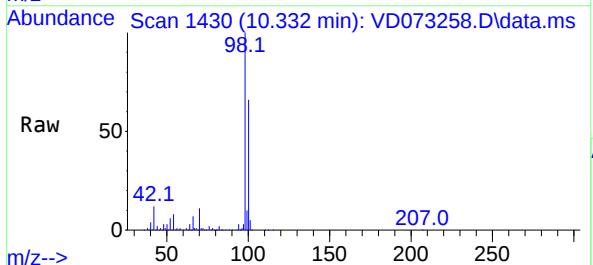
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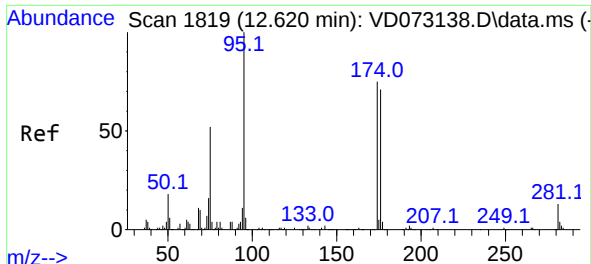
Tgt Ion:113 Resp: 172458
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

Tgt Ion: 98 Resp: 642643
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

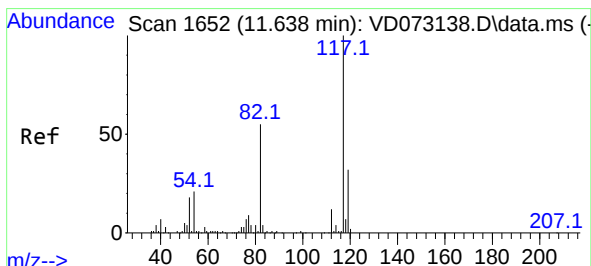
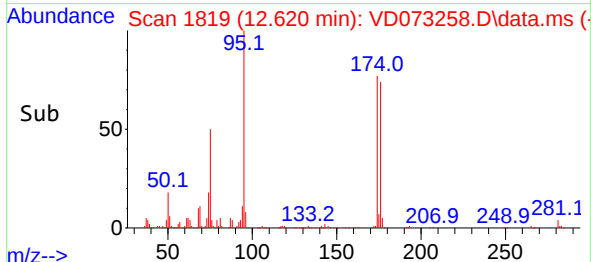
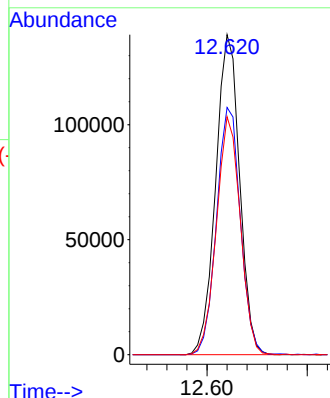
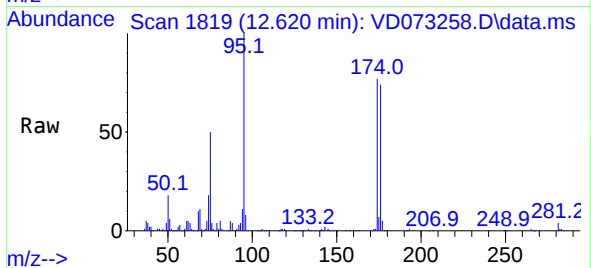




#62
4-Bromofluorobenzene
Concen: 52.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

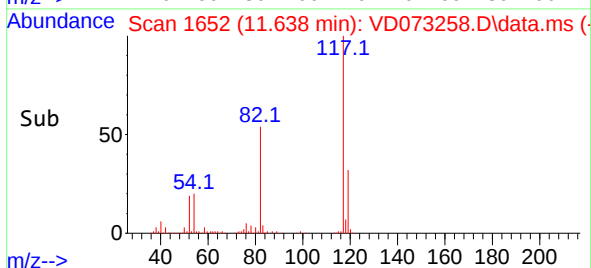
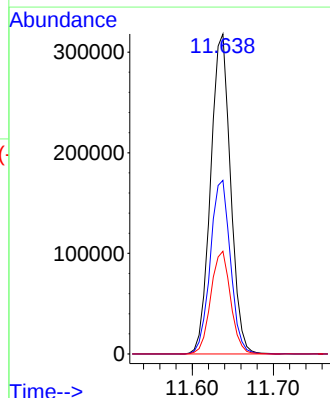
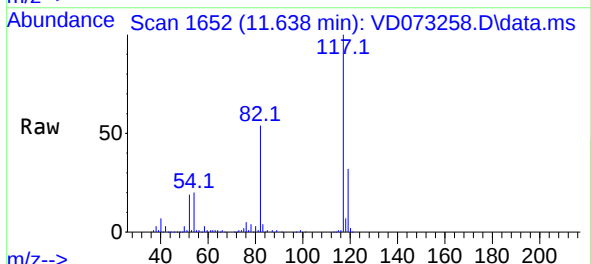
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-02

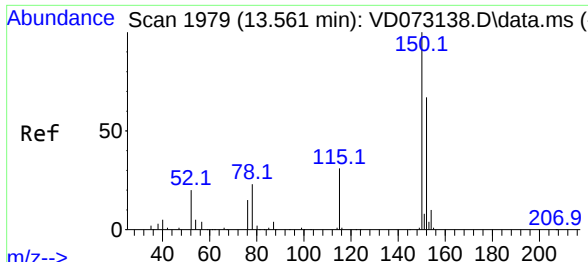
Tgt Ion:	95	Resp:	229651
Ion Ratio	Lower	Upper	
95	100		
174	77.2	0.0	152.8
176	74.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073258.D
Acq: 22 May 2022 06:32

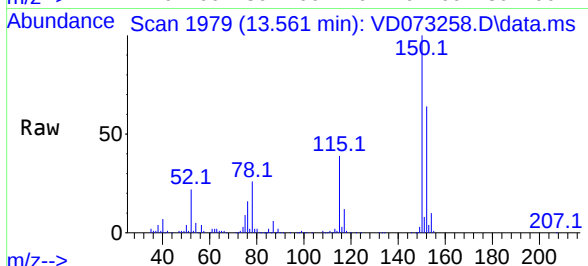
Tgt Ion:	117	Resp:	541917
Ion Ratio	Lower	Upper	
117	100		
82	54.3	45.3	67.9
119	32.1	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073258.D
 Acq: 22 May 2022 06:32

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-02



Tgt Ion:152 Resp: 241500

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.3	93.8
150	157.1	0.0	348.6

