

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071614.D
 Acq On : 05 Jan 2022 15:14
 Operator : VA/SY
 Sample : M5330-01
 Misc : 6.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-24-(10-15)-12-29-21

Quant Time: Jan 06 07:03:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

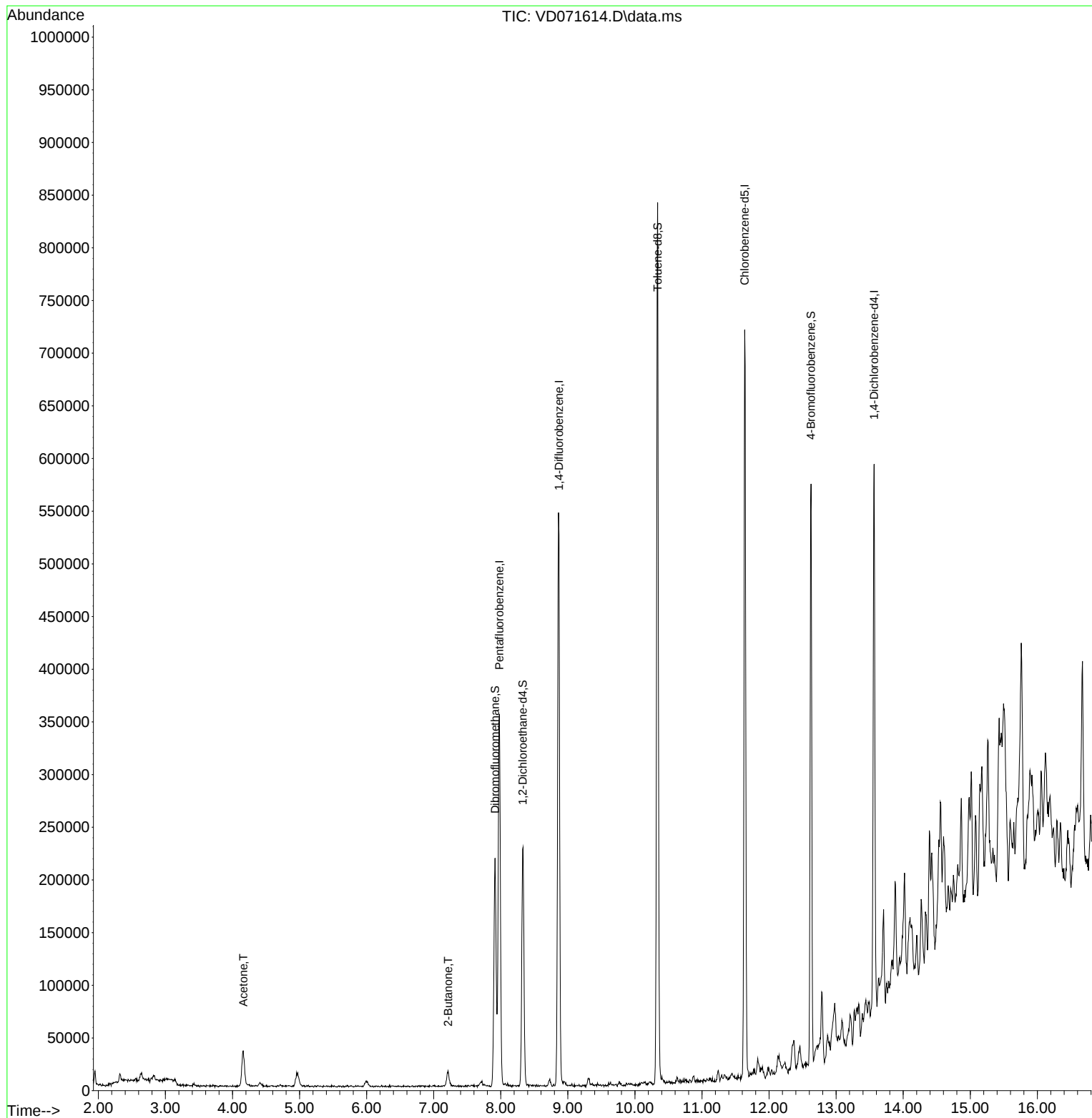
Internal Standards						
1) Pentafluorobenzene	7.979	168	245682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	437749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	381977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	133286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186364	57.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.240%
35) Dibromofluoromethane	7.914	113	146926	49.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.338	98	532802	47.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.626	95	158285	40.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.120%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	61457	74.988	ug/l #	83
25) 2-Butanone	7.214	43	22317	22.797	ug/l #	77

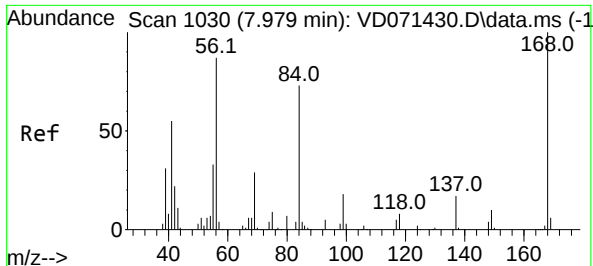
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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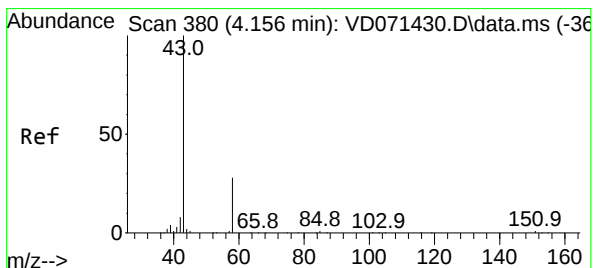
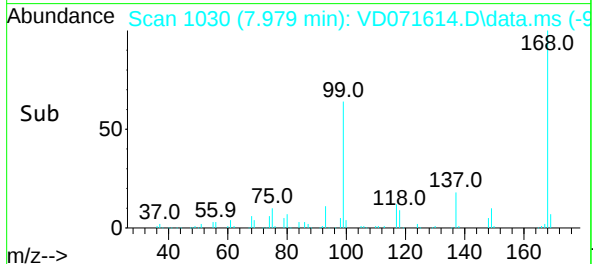
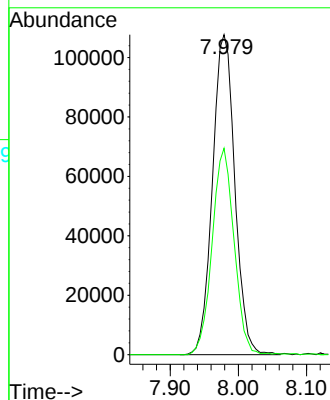
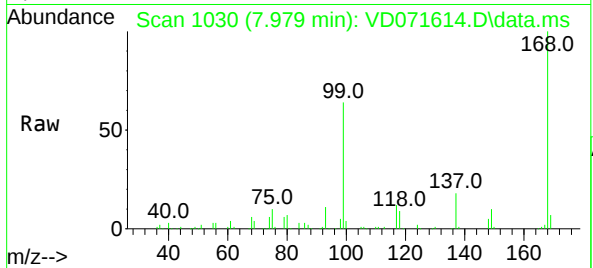




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

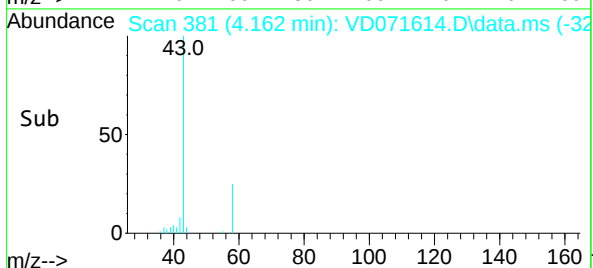
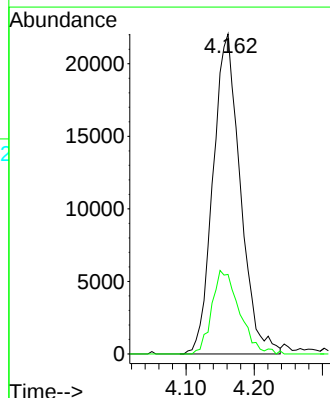
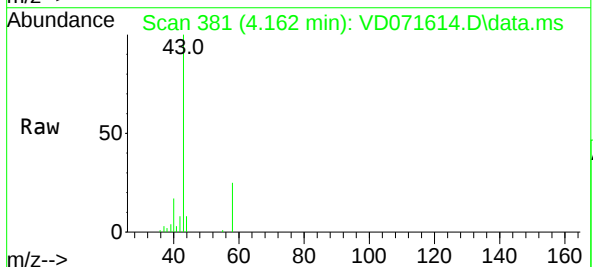
Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

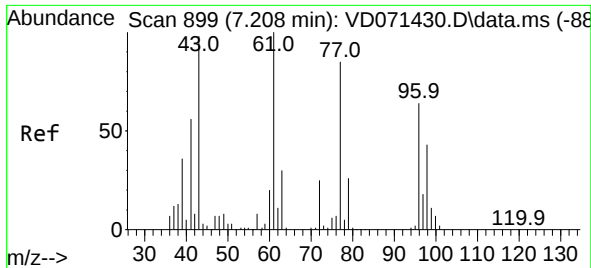
Tgt Ion:168 Resp: 245682
Ion Ratio Lower Upper
168 100
99 64.5 46.6 69.8



#16
Acetone
Concen: 74.988 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

Tgt Ion: 43 Resp: 61457
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#

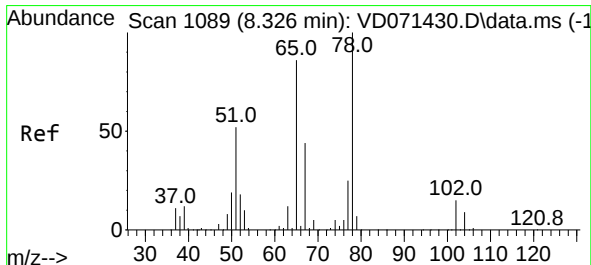
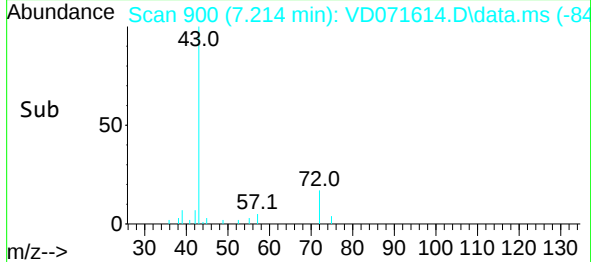
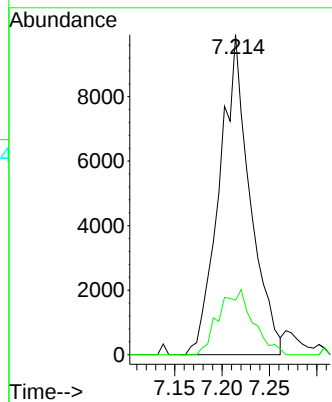
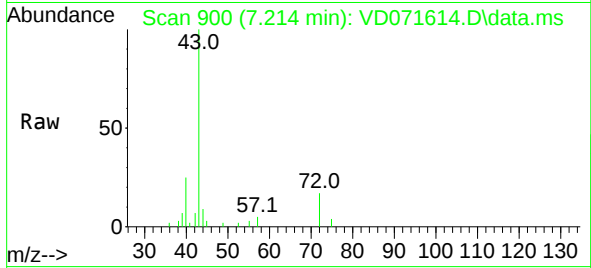




#25
2-Butanone
Concen: 22.797 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

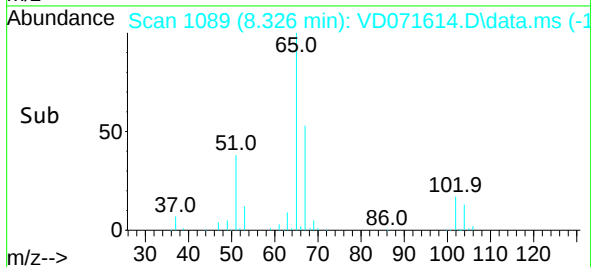
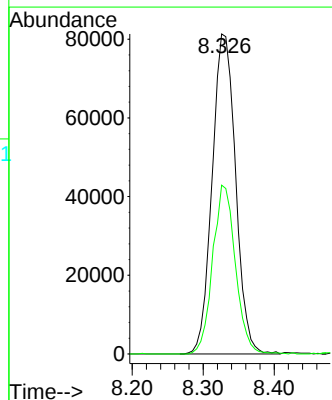
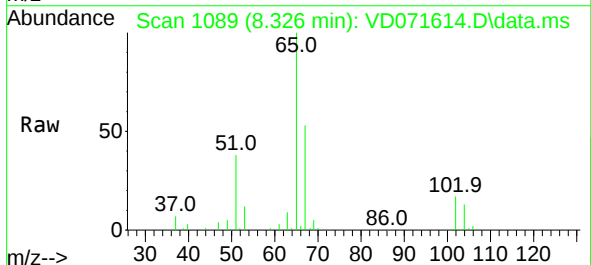
Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

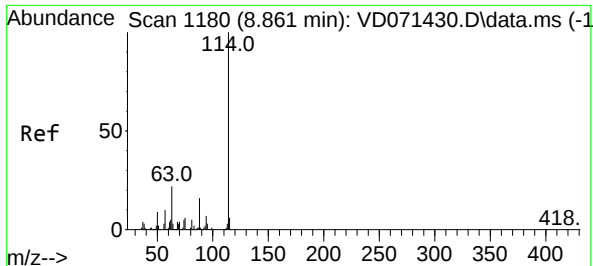
Tgt Ion: 43 Resp: 22317
Ion Ratio Lower Upper
43 100
72 17.0 23.8 35.6#



#33
1,2-Dichloroethane-d4
Concen: 57.117 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

Tgt Ion: 65 Resp: 186364
Ion Ratio Lower Upper
65 100
67 51.1 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071614.D

Acq: 05 Jan 2022 15:14

Instrument :

MSVOA_D

ClientSampleId :

DB-24-(10-15)-12-29-21

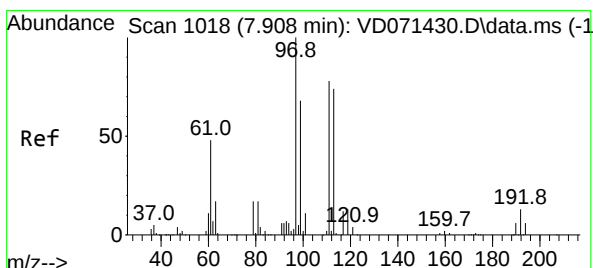
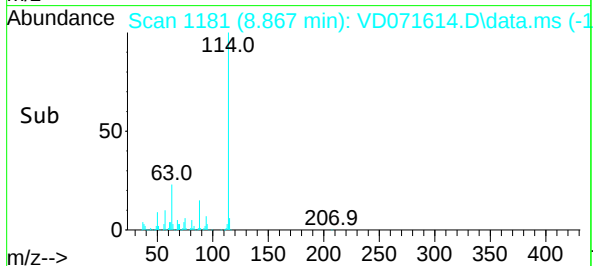
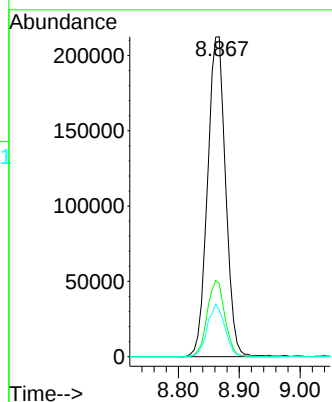
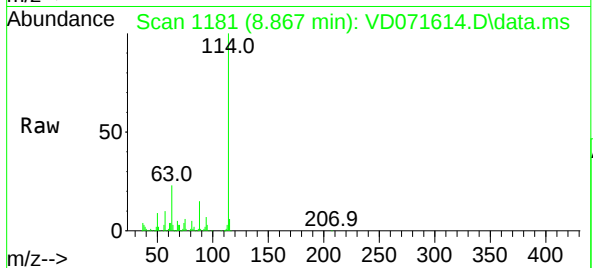
Tgt Ion:114 Resp: 437749

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 14.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.941 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071614.D

Acq: 05 Jan 2022 15:14

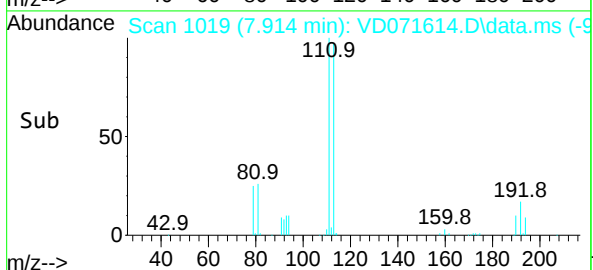
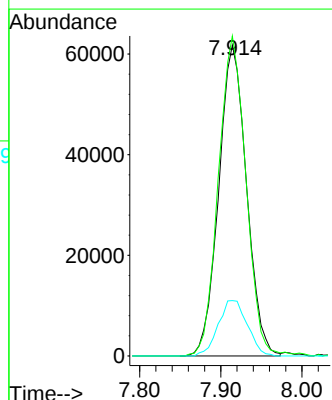
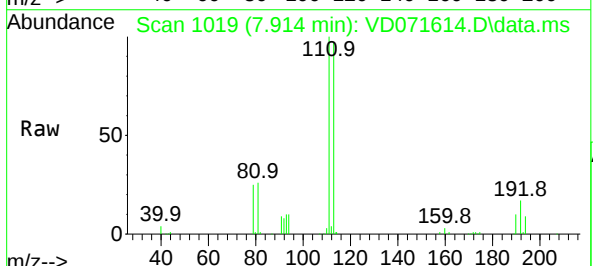
Tgt Ion:113 Resp: 146926

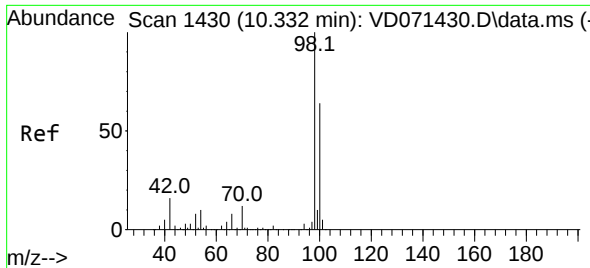
Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 18.7 15.2 22.8

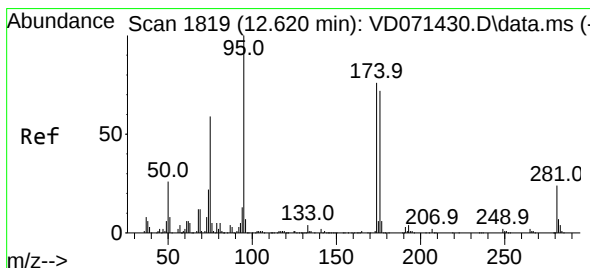
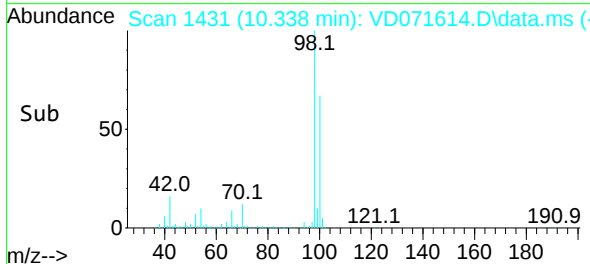
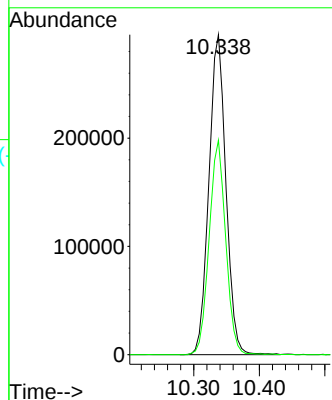
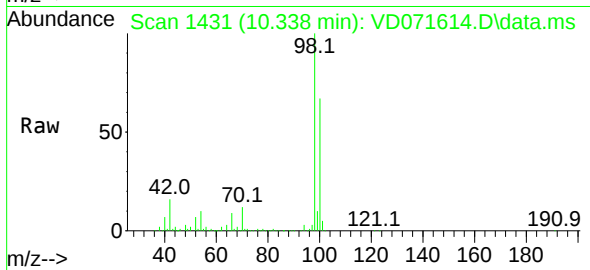




#50
Toluene-d8
Concen: 47.923 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

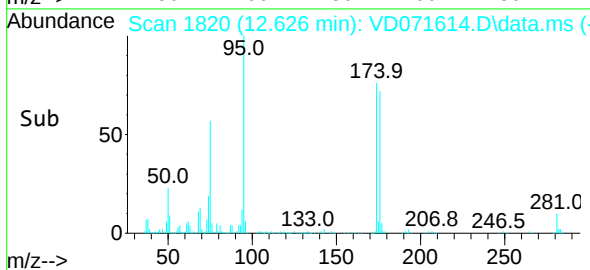
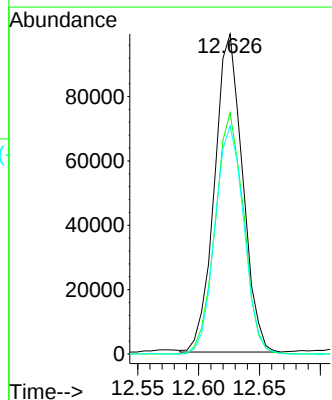
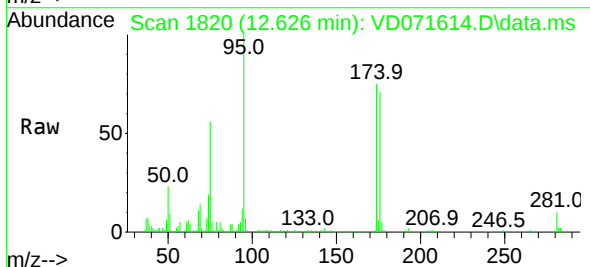
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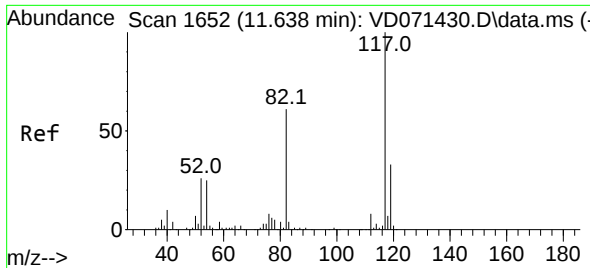
Tgt Ion: 98 Resp: 532802
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 40.065 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

Tgt Ion: 95 Resp: 158285
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.9 0.0 154.0

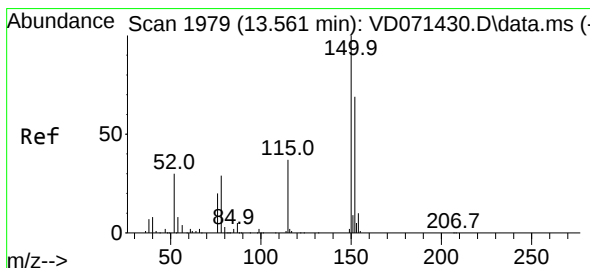
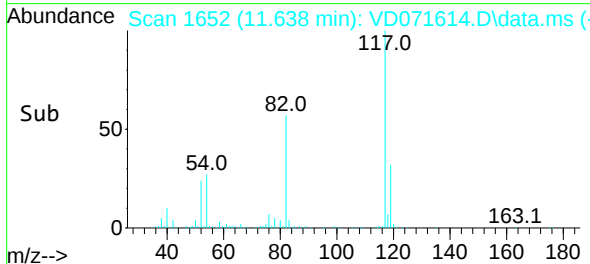
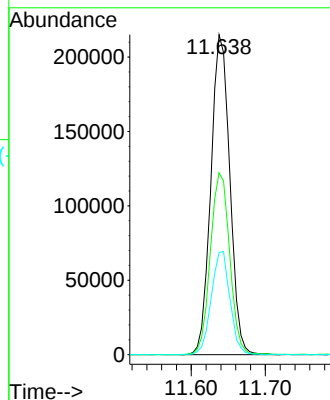
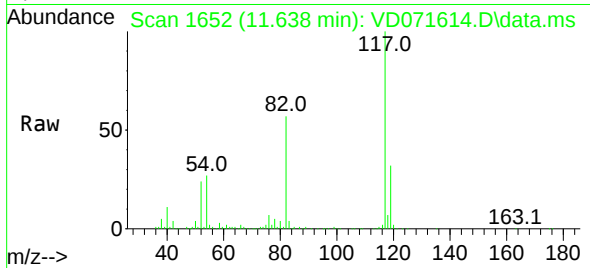




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :
DB-24-(10-15)-12-29-21

Tgt Ion:117 Resp: 381977
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071614.D
Acq: 05 Jan 2022 15:14

Tgt Ion:152 Resp: 133286
Ion Ratio Lower Upper
152 100
115 58.3 29.8 89.3
150 149.9 0.0 349.2

