

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071822.D
 Acq On : 28 Jan 2022 14:22
 Operator : VA/SY
 Sample : N1315-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-012722

Quant Time: Jan 29 04:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

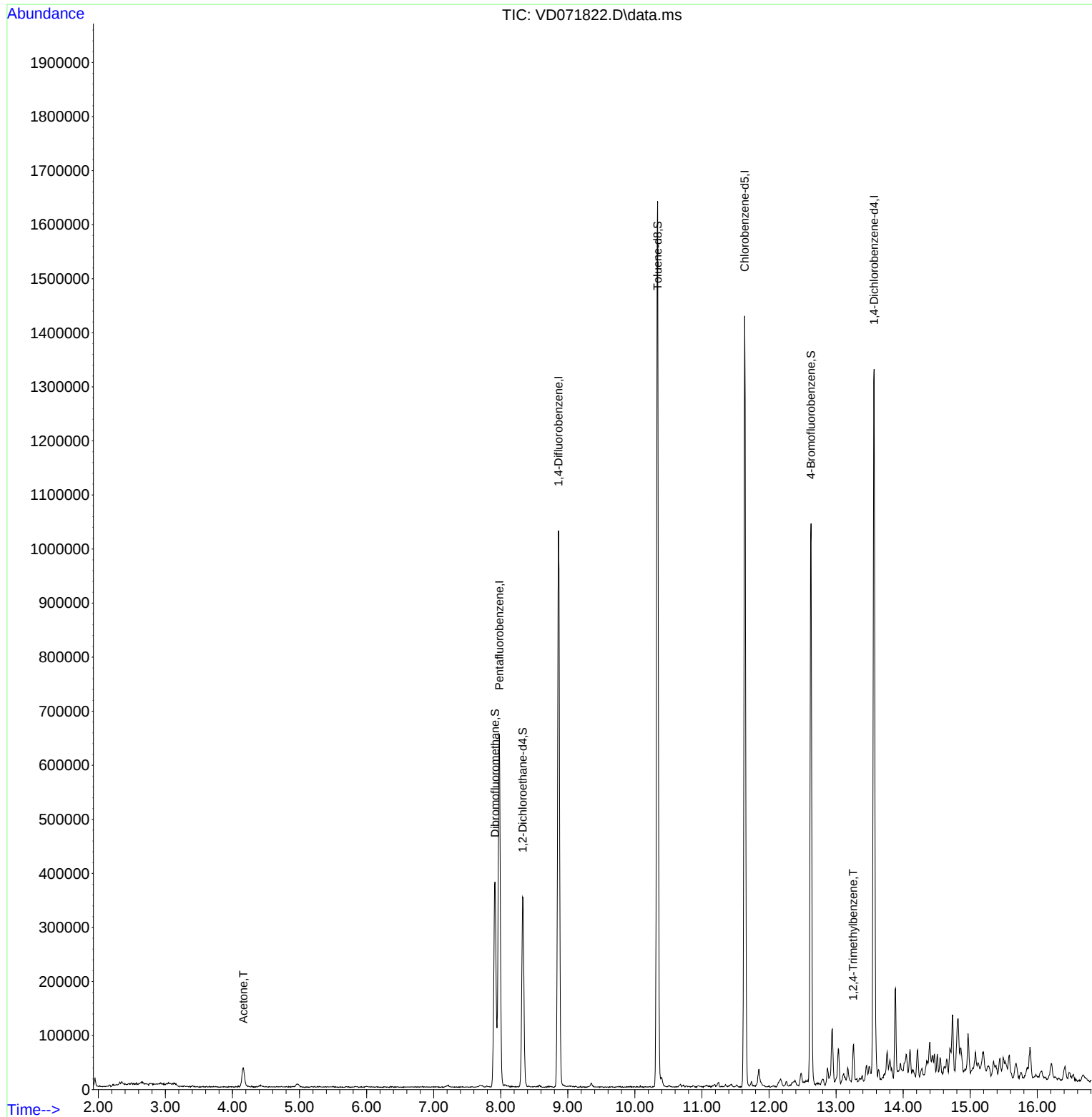
Internal Standards						
1) Pentafluorobenzene	7.979	168	436027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	833716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280167	50.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.914	113	273266	49.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.338	98	1061830	51.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.626	95	336070	47.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%
Target Compounds						
16) Acetone	4.162	43	64559	42.793	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	37027	1.775	ug/l	99

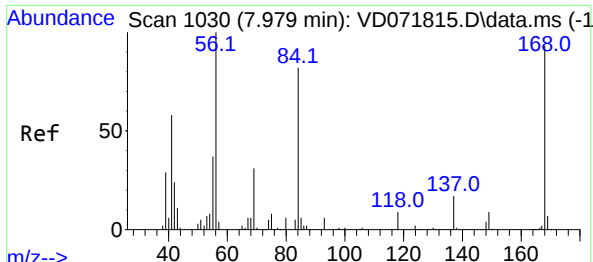
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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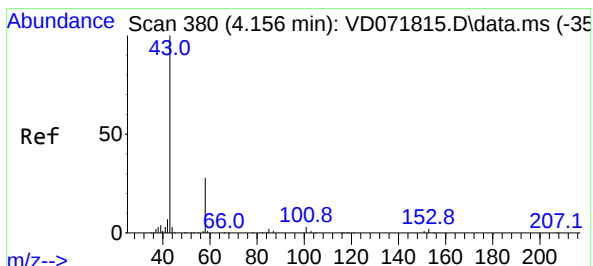
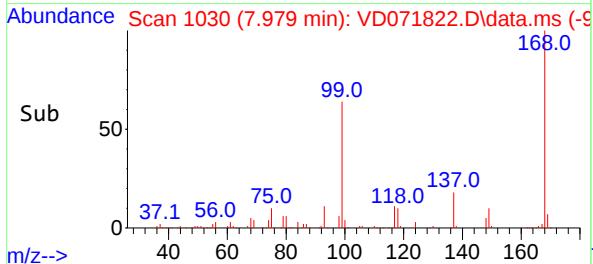
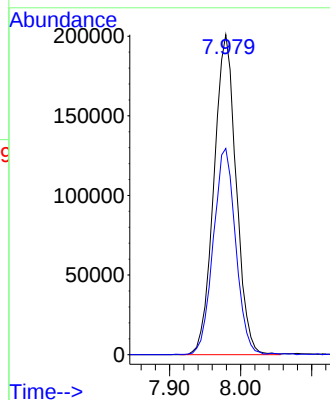
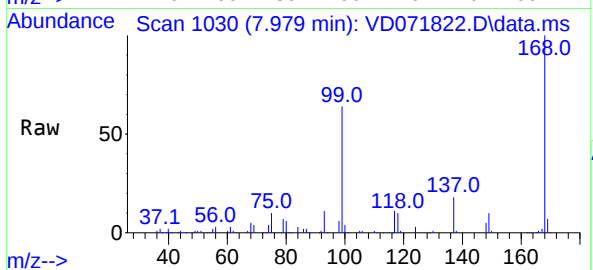




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

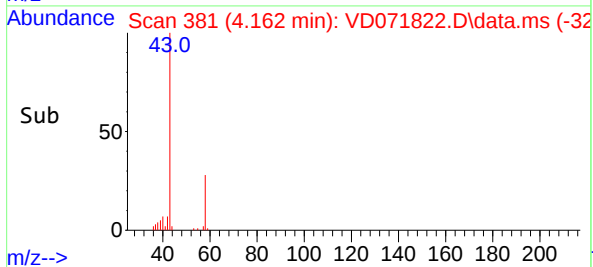
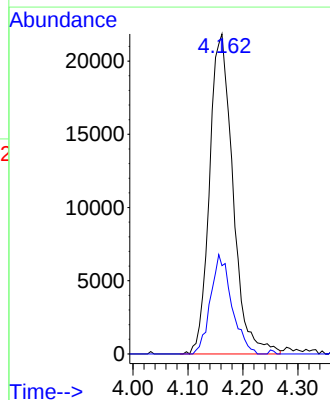
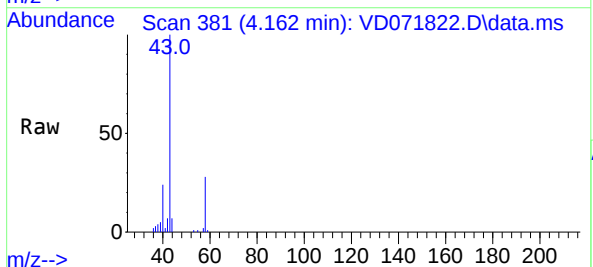
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

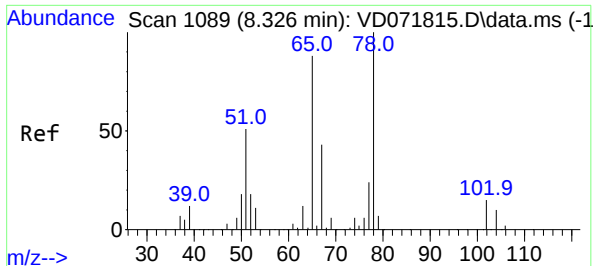
Tgt Ion:168 Resp: 436027
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#16
Acetone
Concen: 42.793 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 43 Resp: 64559
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 50.836 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD071822.D

Acq: 28 Jan 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

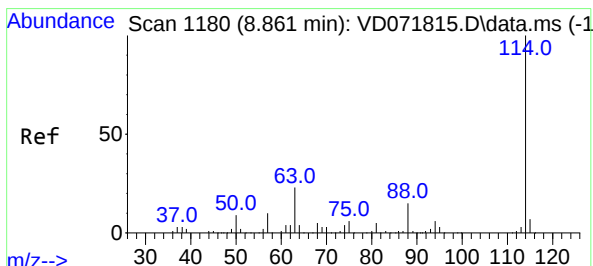
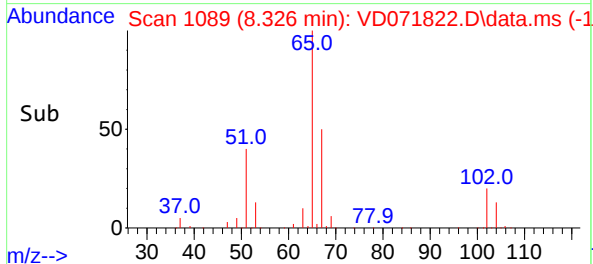
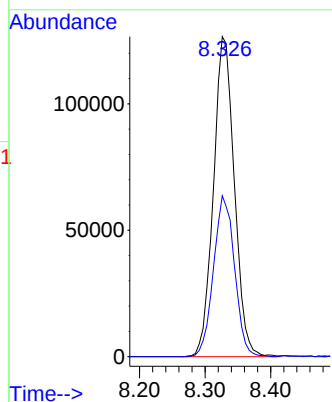
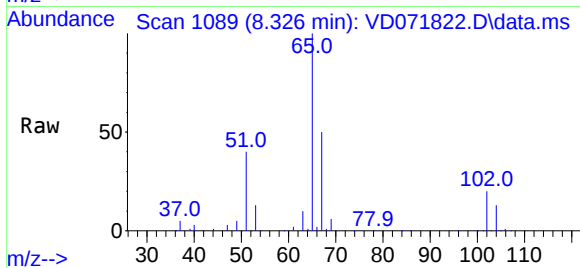
OK-02-012722

Tgt Ion: 65 Resp: 280167

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071822.D

Acq: 28 Jan 2022 14:22

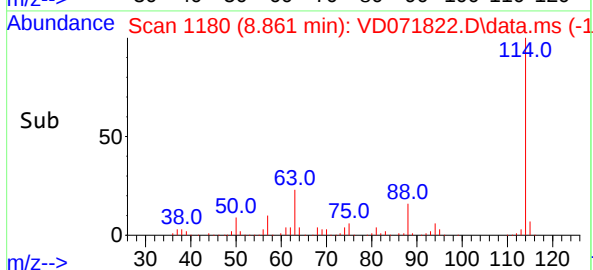
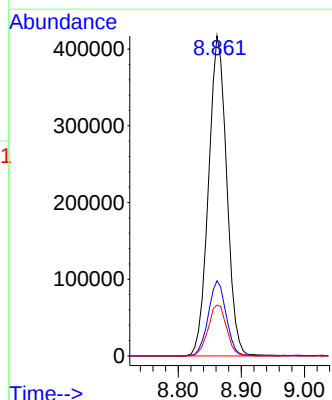
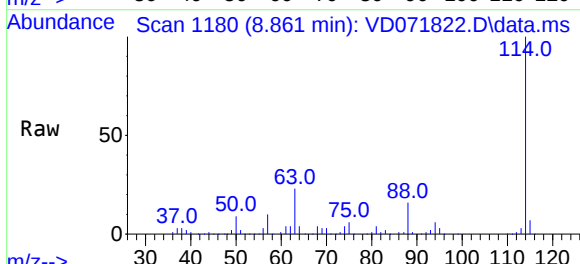
Tgt Ion: 114 Resp: 833716

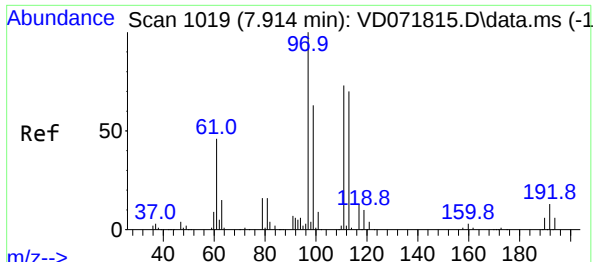
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.9 0.0 33.2

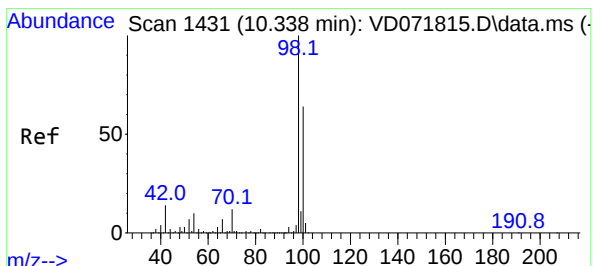
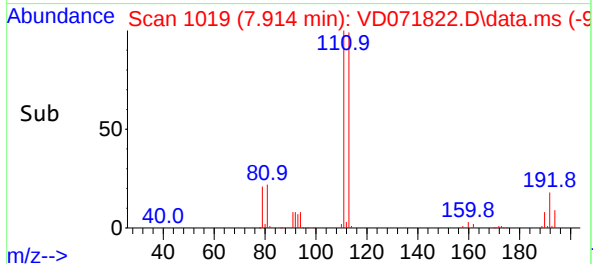
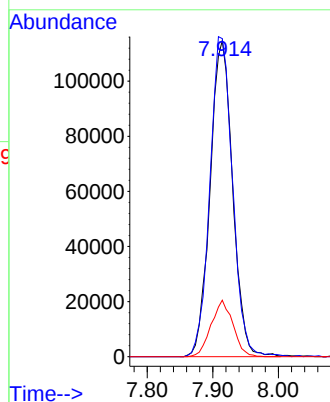
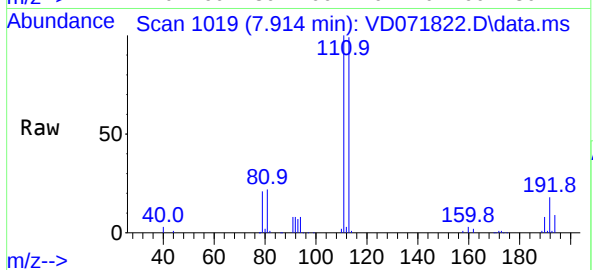




#35
Dibromofluoromethane
Concen: 49.864 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

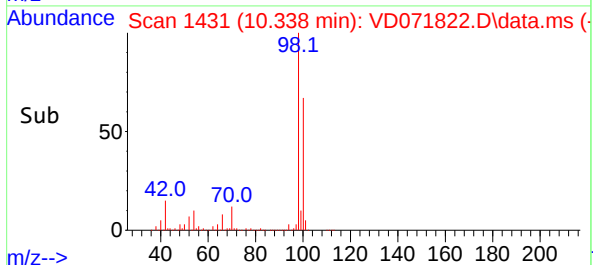
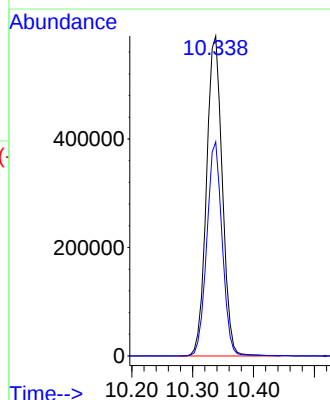
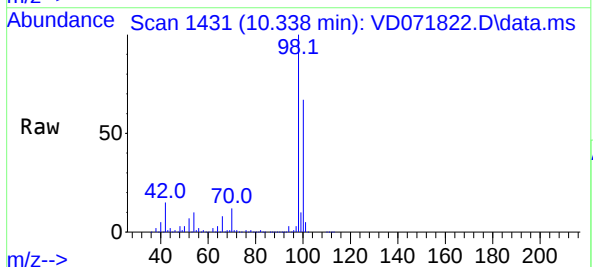
Instrument :
MSVOA_D
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OK-02-012722

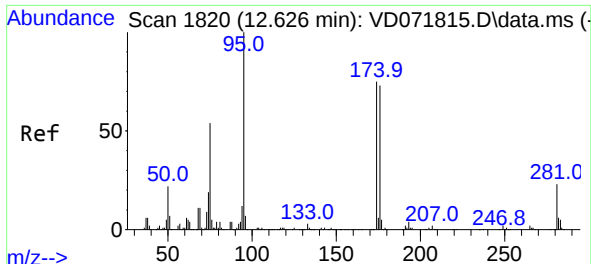
Tgt Ion:113 Resp: 273266
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.4 14.6 21.8



#50
Toluene-d8
Concen: 51.880 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 98 Resp: 1061830
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

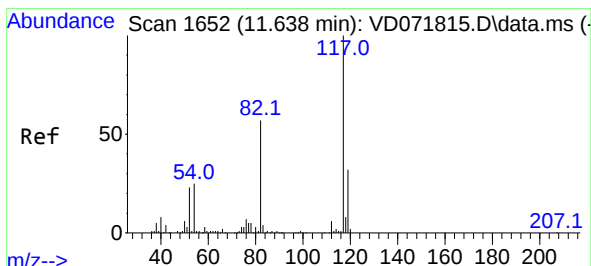
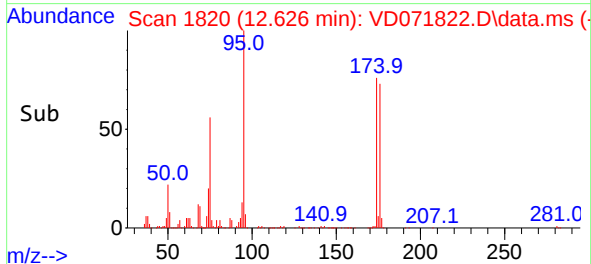
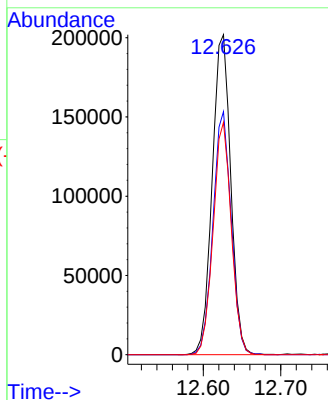
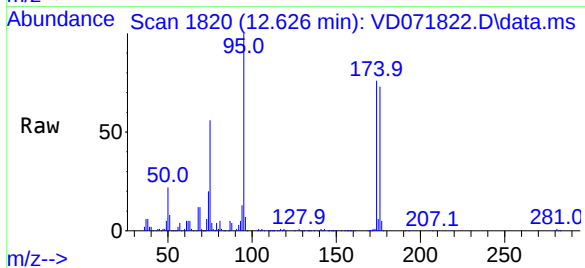




#62
4-Bromofluorobenzene
Concen: 47.020 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

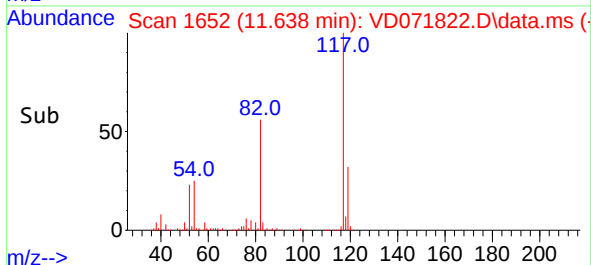
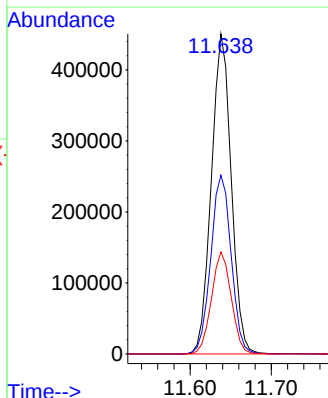
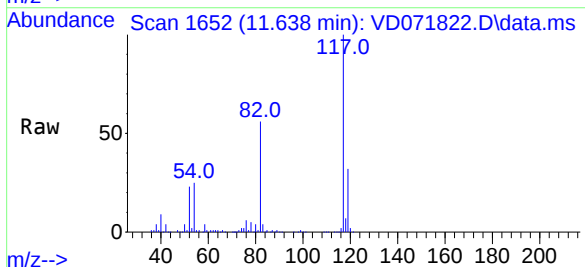
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MSVOA_D
ClientSampleId :
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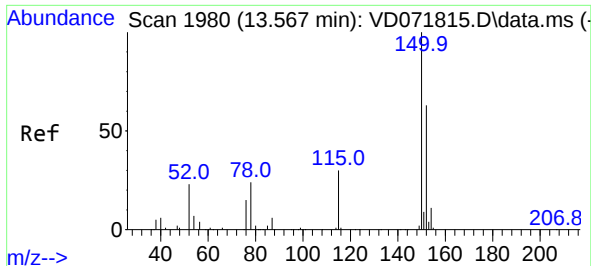
Tgt Ion: 95 Resp: 336070
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 117 Resp: 766132
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.9 26.6 40.0

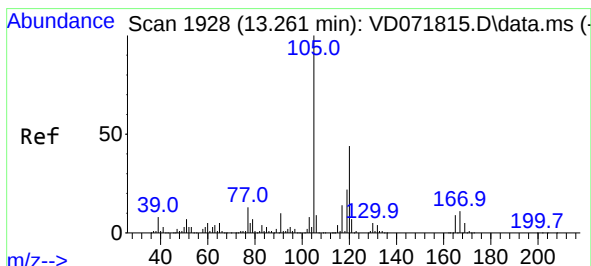
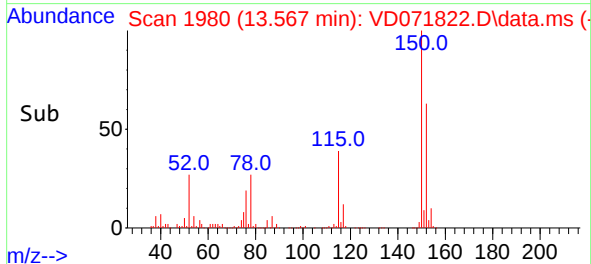
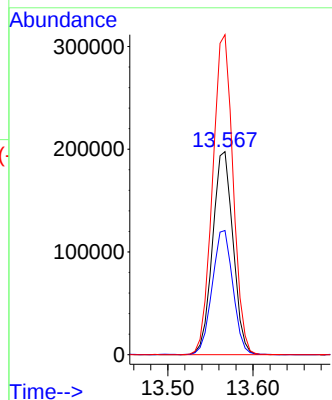
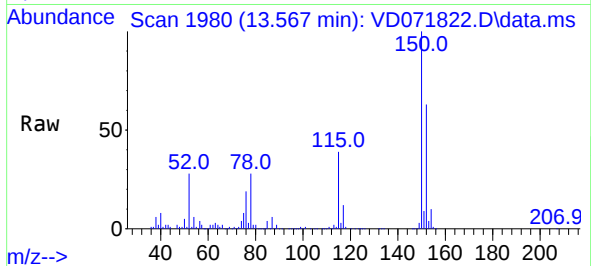




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

Tgt Ion:152 Resp: 330098
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 157.6 0.0 348.6



#84
1,2,4-Trimethylbenzene
Concen: 1.775 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion:105 Resp: 37027
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

