

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074376.D
 Acq On : 20 Sep 2022 20:10
 Operator : VA/SY
 Sample : N4668-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5

Quant Time: Sep 21 02:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

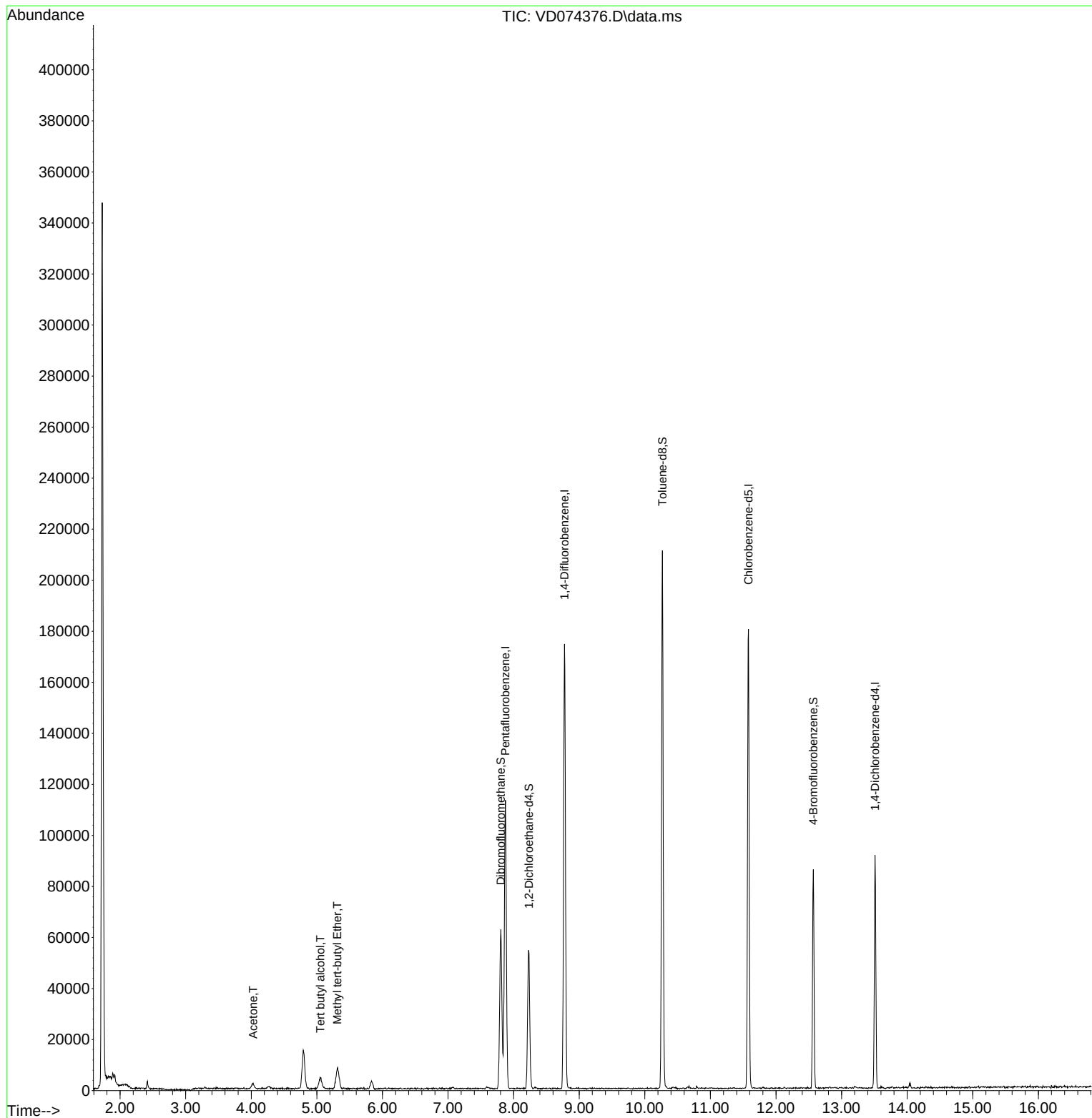
Internal Standards						
1) Pentafluorobenzene	7.875	168	85677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	156236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	106789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	23710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43857	52.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.805	113	45249	43.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.940%
50) Toluene-d8	10.269	98	144974	40.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.660%
62) 4-Bromofluorobenzene	12.569	95	25332	17.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.640%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.052	59	8648	153.344	ug/l	# 82
16) Acetone	4.028	43	3642	19.372	ug/l	95
19) Methyl tert-butyl Ether	5.311	73	13665	6.945	ug/l	99

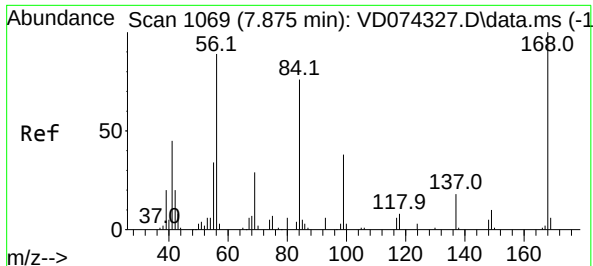
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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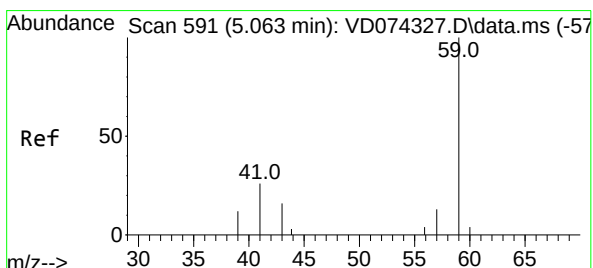
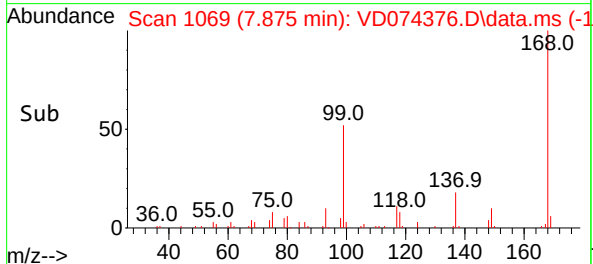
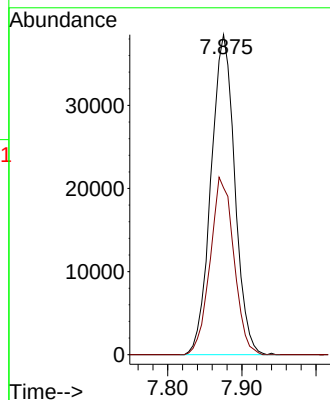
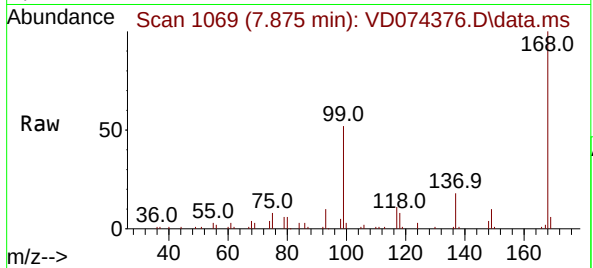




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

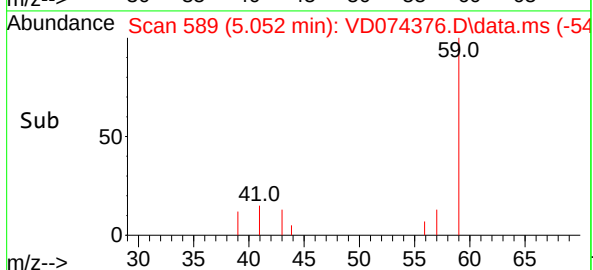
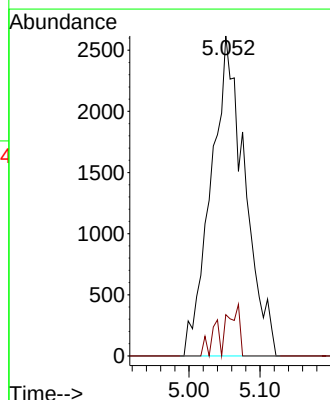
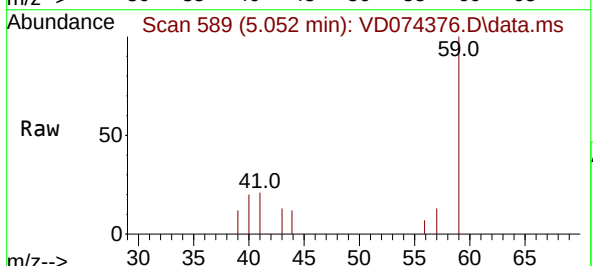
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

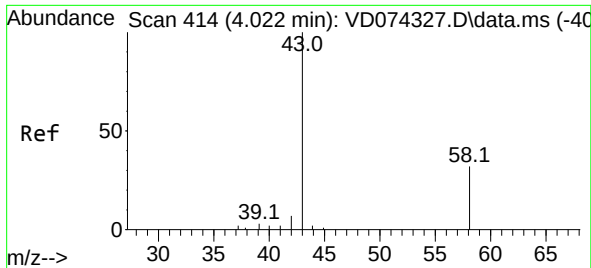
Tgt Ion:168 Resp: 85677
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#11
Tert butyl alcohol
Concen: 153.344 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

Tgt Ion: 59 Resp: 8648
Ion Ratio Lower Upper
59 100
57 2.8 7.7 11.5#





#16

Acetone

Concen: 19.372 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

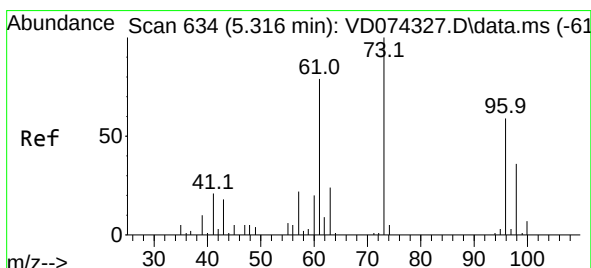
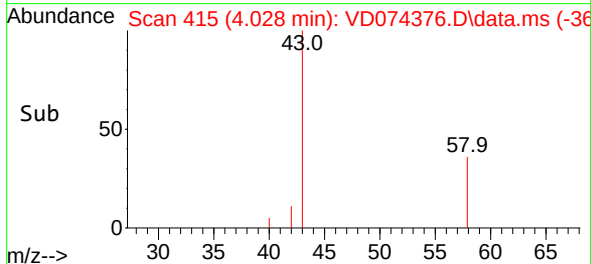
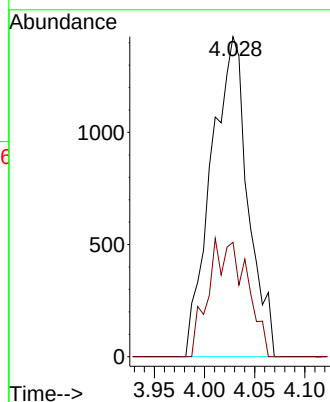
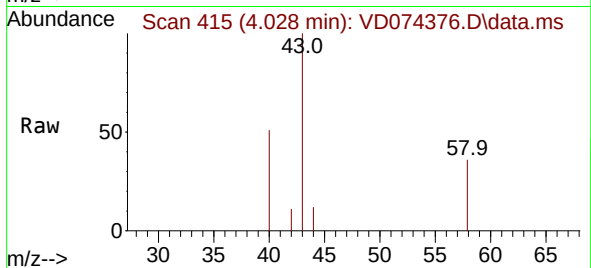
D22016-13.5

Tgt Ion: 43 Resp: 3642

Ion Ratio Lower Upper

43 100

58 35.7 26.4 39.6



#19

Methyl tert-butyl Ether

Concen: 6.945 ug/l

RT: 5.311 min Scan# 633

Delta R.T. -0.005 min

Lab File: VD074376.D

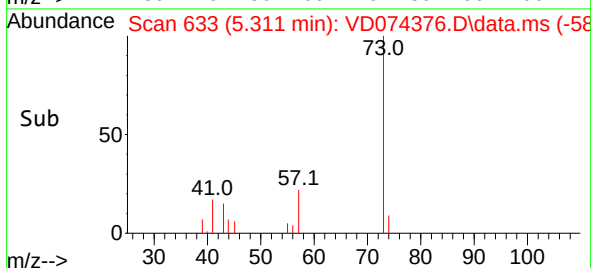
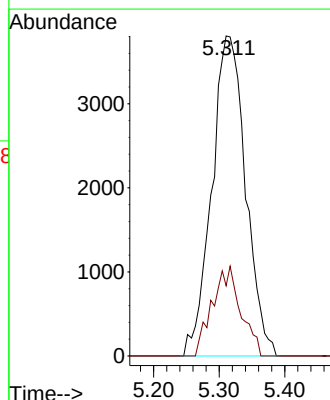
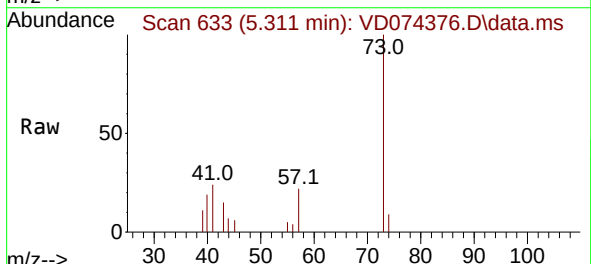
Acq: 20 Sep 2022 20:10

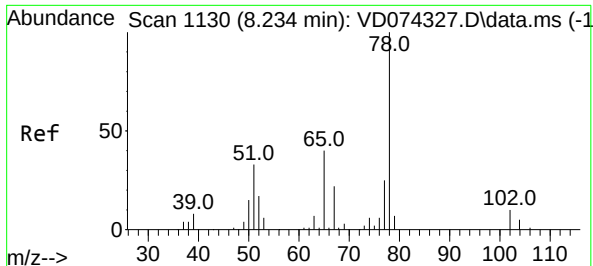
Tgt Ion: 73 Resp: 13665

Ion Ratio Lower Upper

73 100

57 22.0 17.8 26.6





#33

1,2-Dichloroethane-d4

Concen: 52.554 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

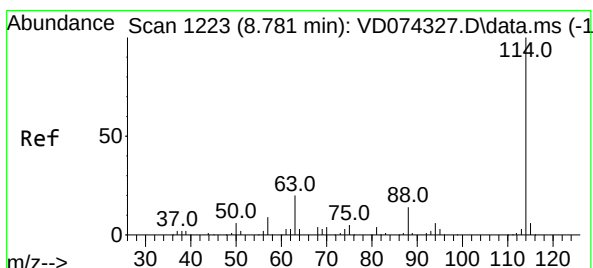
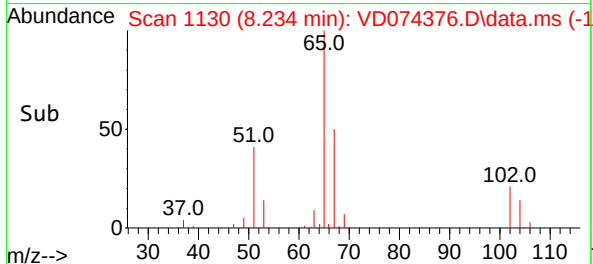
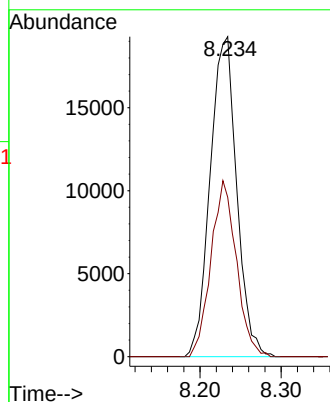
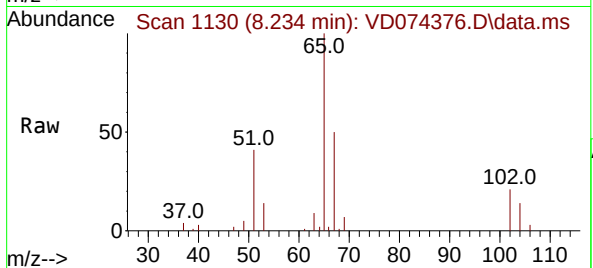
D22016-13.5

Tgt Ion: 65 Resp: 43857

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074376.D

Acq: 20 Sep 2022 20:10

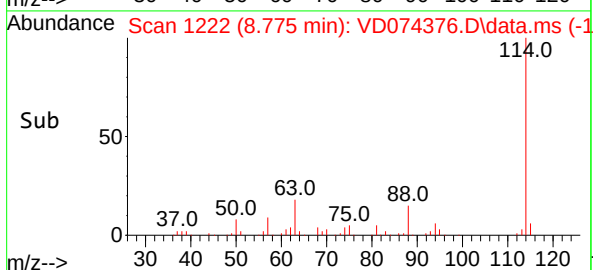
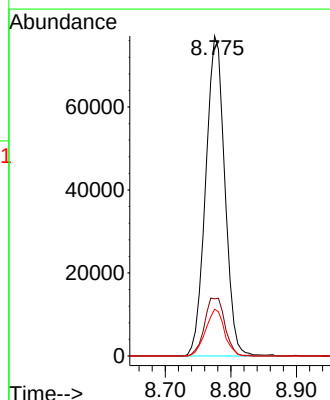
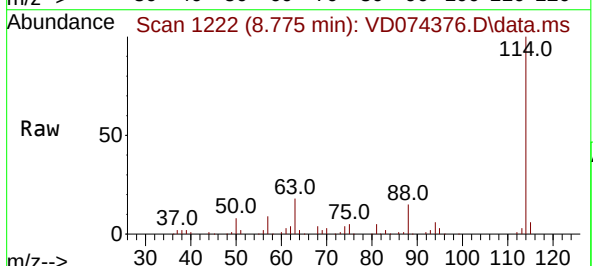
Tgt Ion: 114 Resp: 156236

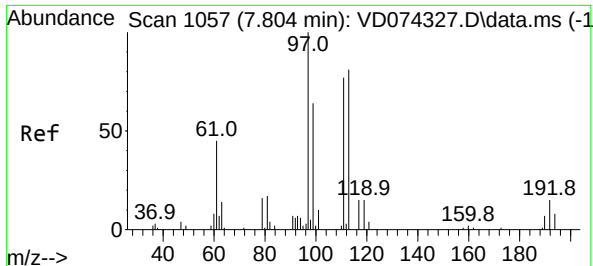
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.6

88 14.6 0.0 28.4



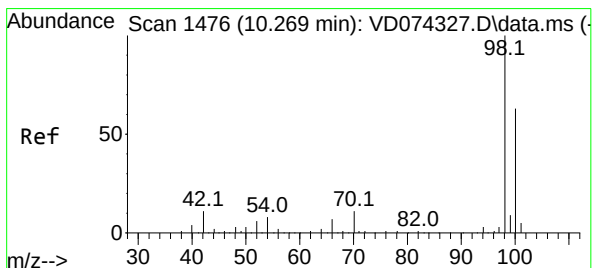
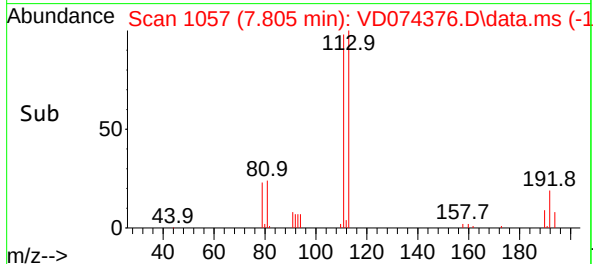
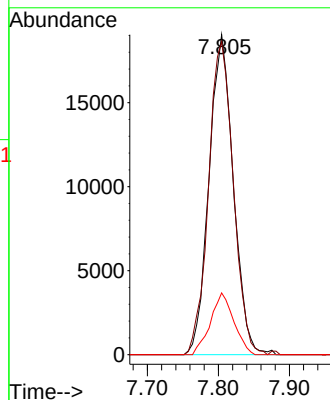
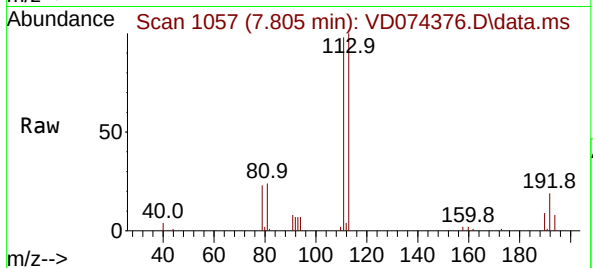


#35
 Dibromofluoromethane
 Concen: 43.975 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.001 min
 Lab File: VD074376.D
 Acq: 20 Sep 2022 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5

Tgt Ion:113 Resp: 45249

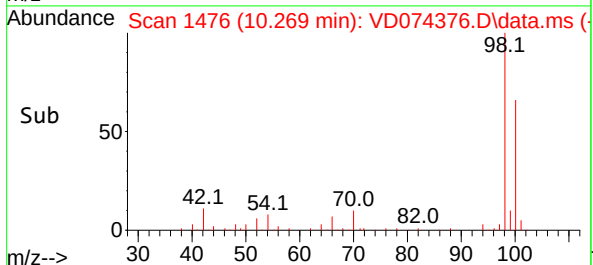
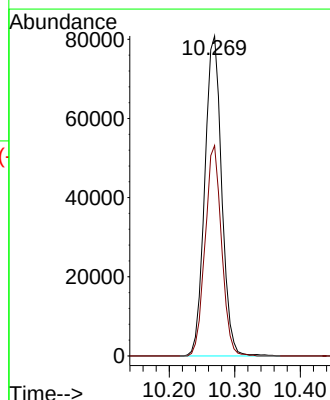
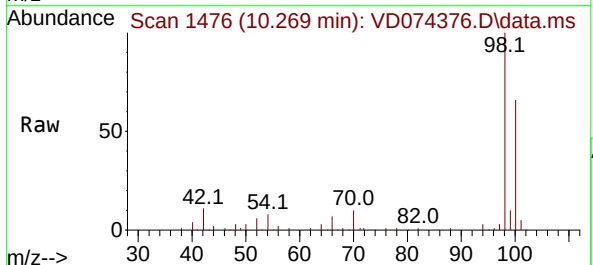
Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.0	124.6
192	18.6	16.2	24.2

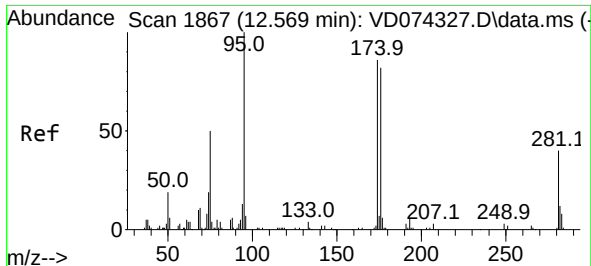


#50
 Toluene-d8
 Concen: 40.832 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074376.D
 Acq: 20 Sep 2022 20:10

Tgt Ion: 98 Resp: 144974

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8

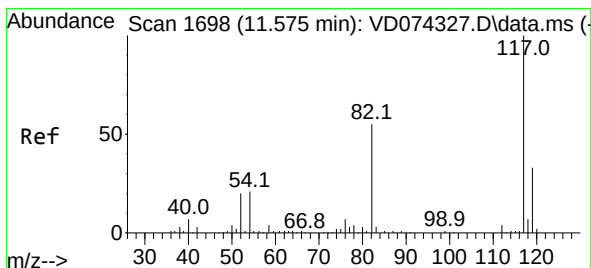
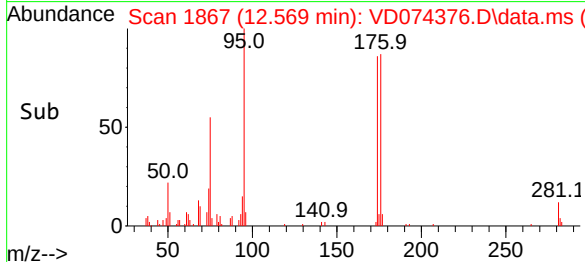
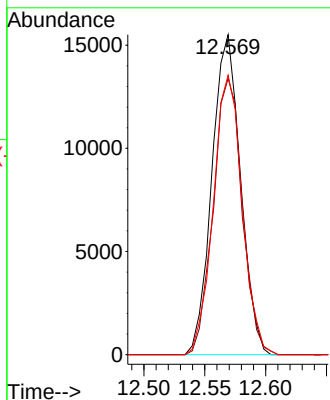
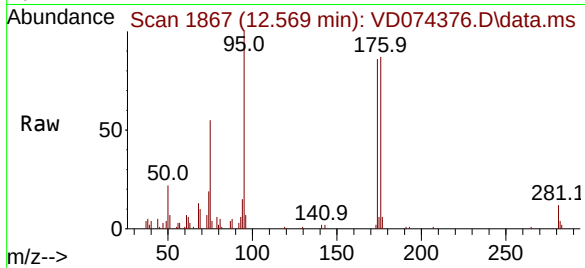




#62
4-Bromofluorobenzene
Concen: 17.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

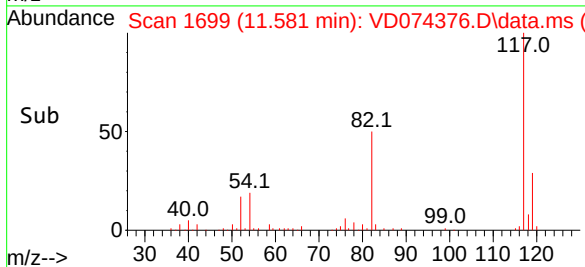
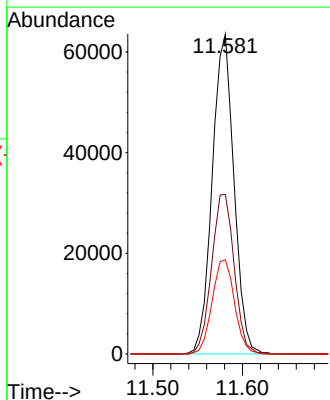
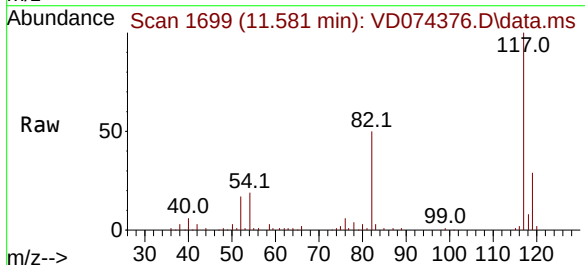
Instrument :
MSVOA_D
ClientSampleId :
D22016-13.5

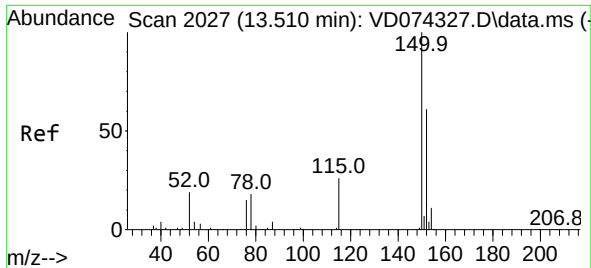
Tgt Ion: 95 Resp: 25332
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.2
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074376.D
Acq: 20 Sep 2022 20:10

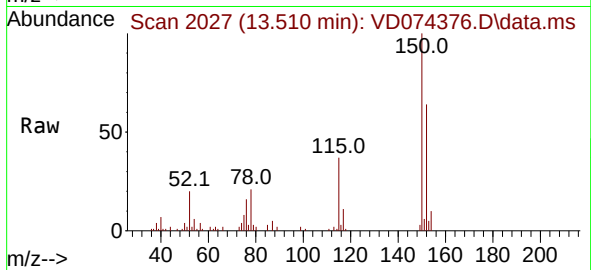
Tgt Ion: 117 Resp: 106789
Ion Ratio Lower Upper
117 100
82 49.8 44.2 66.2
119 29.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074376.D
 Acq: 20 Sep 2022 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-13.5



Tgt Ion:152 Resp: 23710
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.4 85.2
 150 160.8 0.0 351.0

