

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063020.D
 Acq On : 3 Jul 2019 12:52
 Operator : VA/AP
 Sample : K3645-02
 Misc : 4.50g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-010

Quant Time: Jul 04 01:41:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

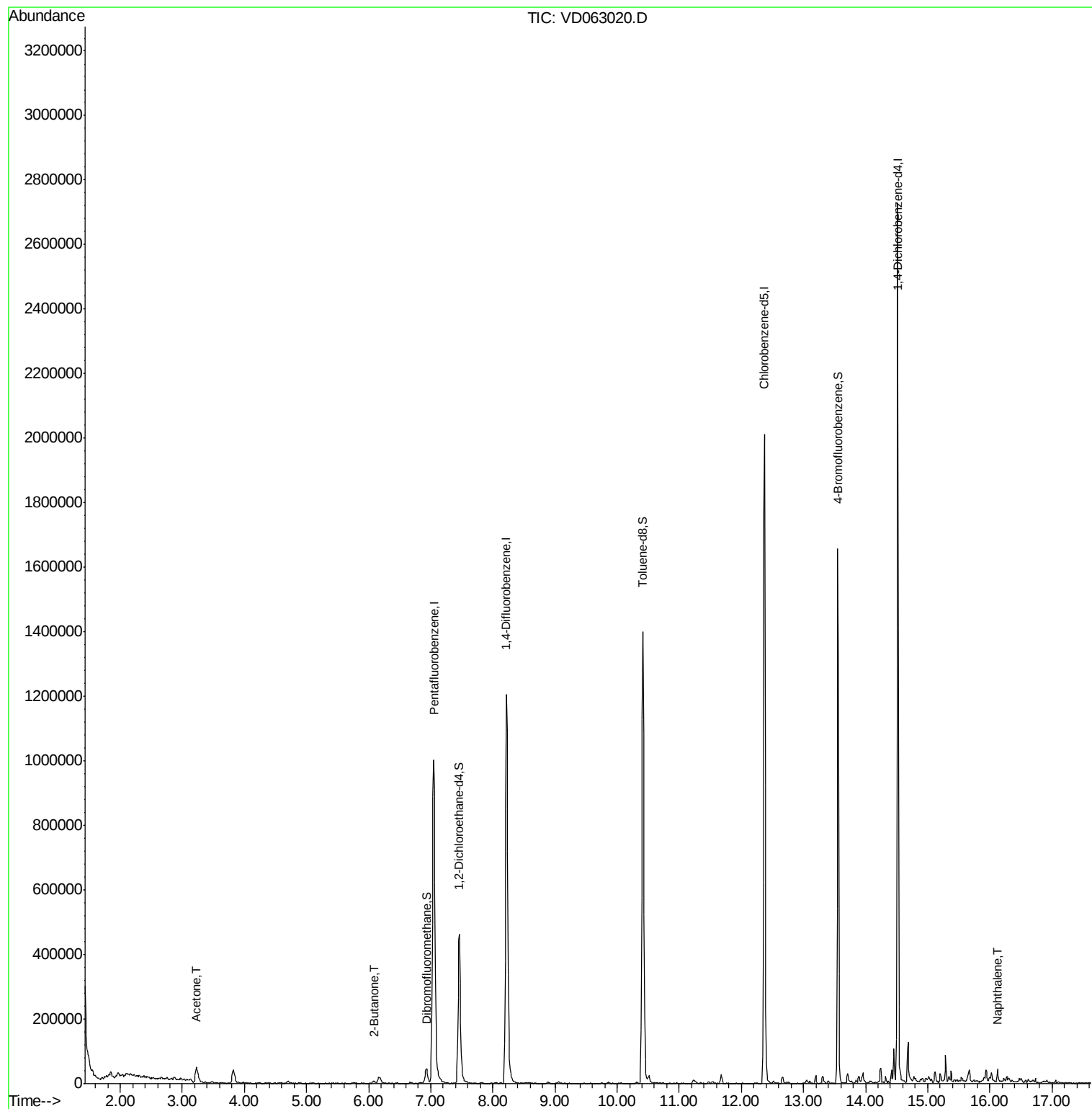
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	992175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1290887	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1110188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	574711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	518036	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	6.94	113	42190	3.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	7.76%	
50) Toluene-d8	10.41	98	1114839	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	13.55	95	452084	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
16) Acetone	3.23	43	99873	39.783	ug/l	98
25) 2-Butanone	6.07	43	10820	5.364	ug/l #	64
95) Naphthalene	16.12	128	20891	1.255	ug/l	98

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

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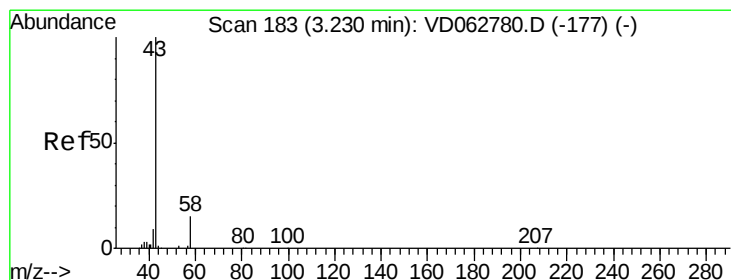
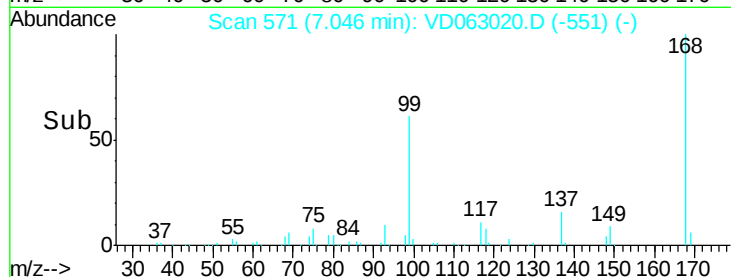
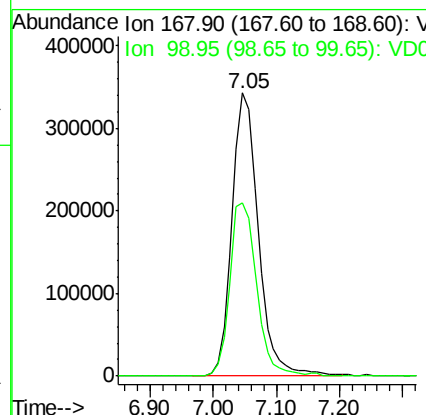
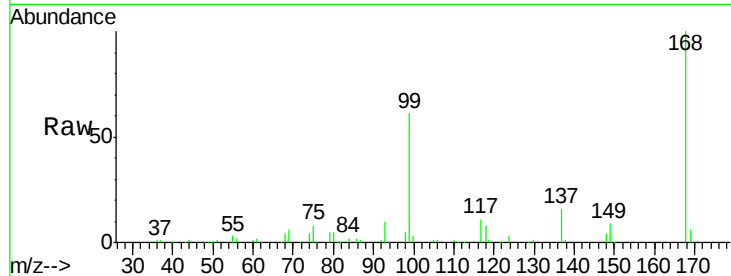




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

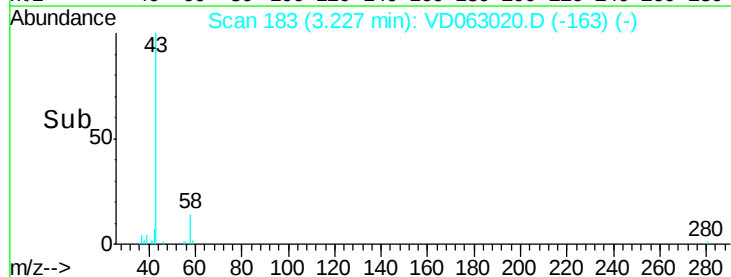
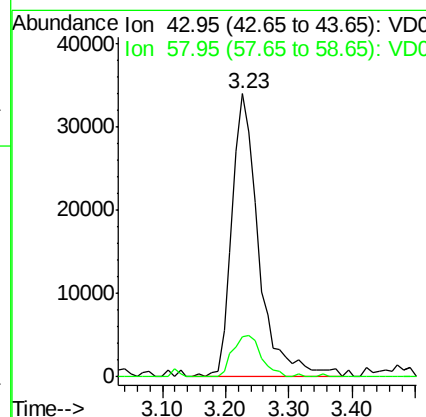
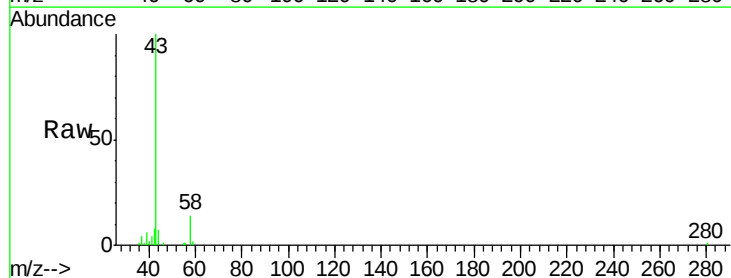
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-010

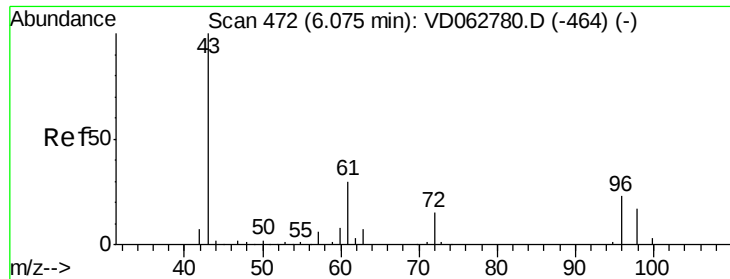
Tot Ion:168 Resp: 992175
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 39.783 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

Tgt Ion: 43 Resp: 99873
Ion Ratio Lower Upper
43 100
58 14.0 11.9 17.9





#25

2-Butanone

Concen: 5.364 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD063020.D

Acq: 3 Jul 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

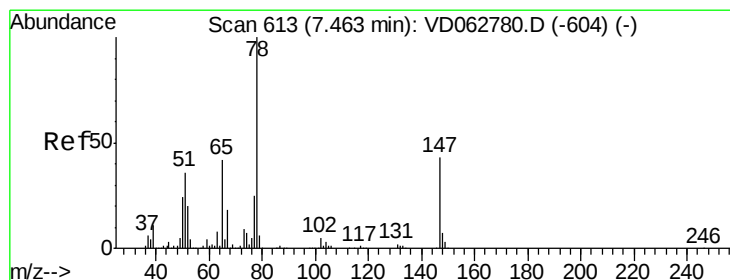
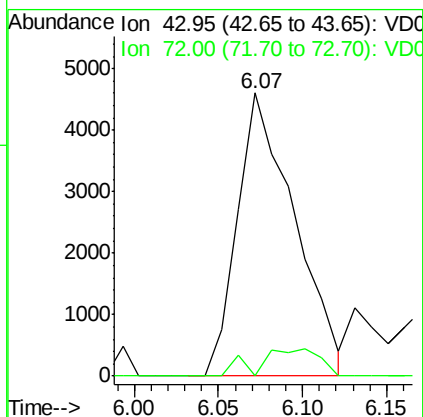
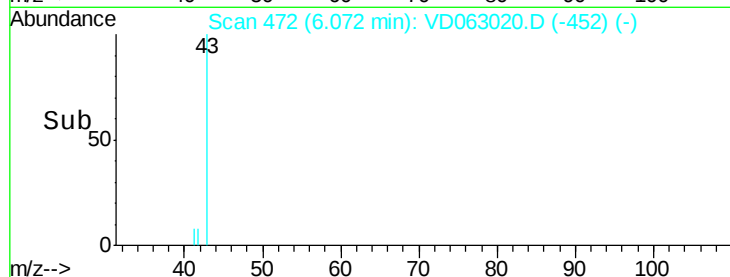
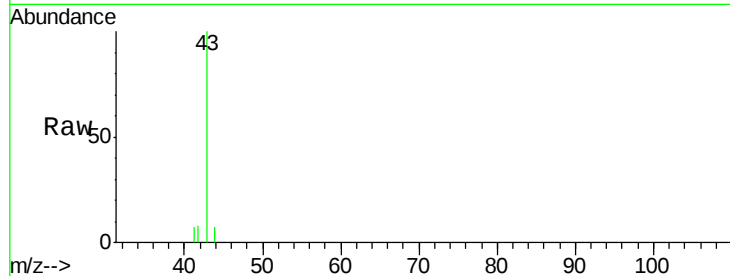
FK-0D015-03-010

Tot Ion: 43 Resp: 10820

Ion Ratio Lower Upper

43 100

72 0.0 11.9 17.9#



#33

1,2-Dichloroethane-d4

Concen: 48.034 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063020.D

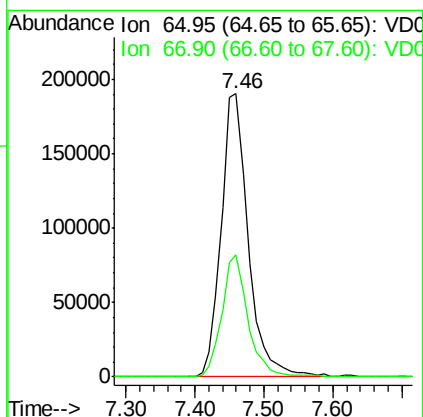
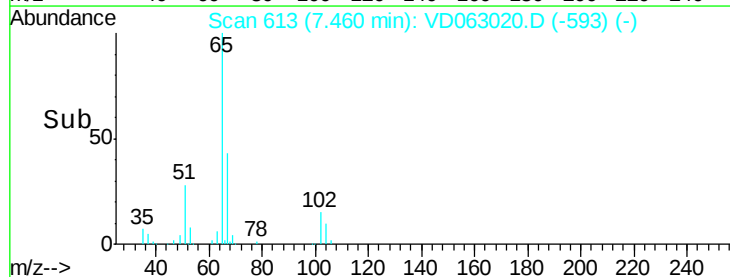
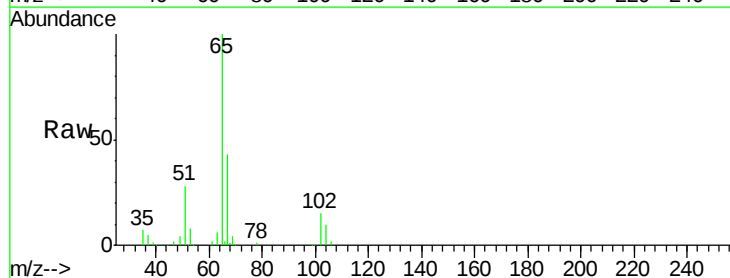
Acq: 3 Jul 2019 12:52

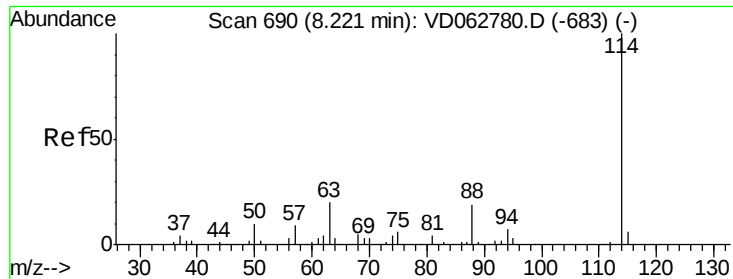
Tgt Ion: 65 Resp: 518036

Ion Ratio Lower Upper

65 100

67 43.1 0.0 87.4

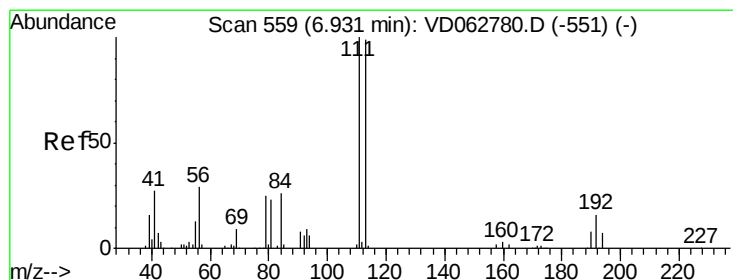
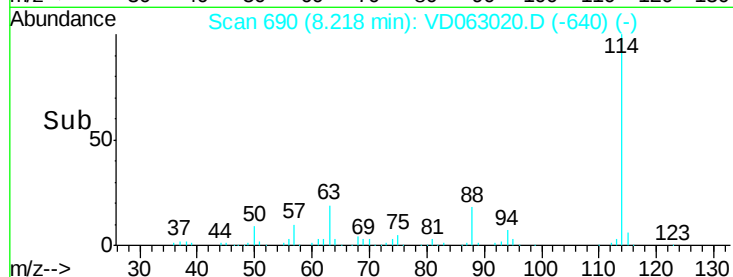
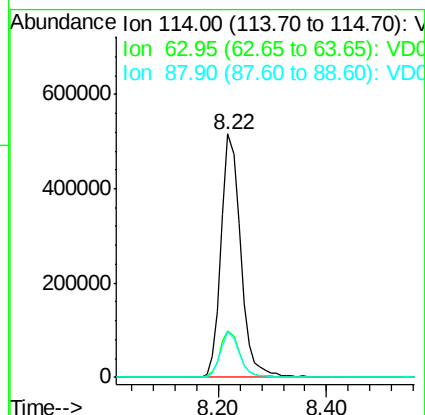
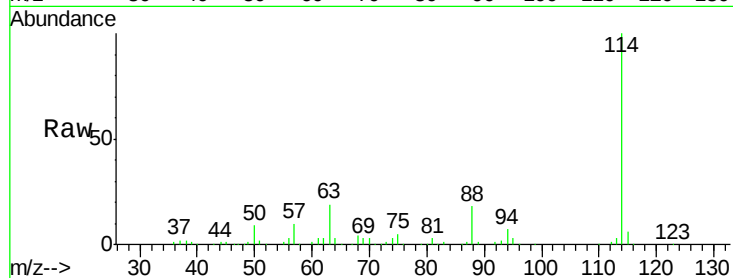




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

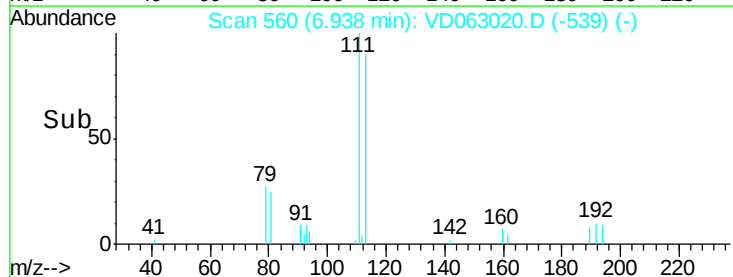
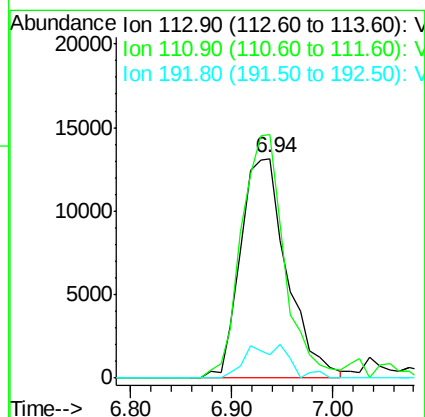
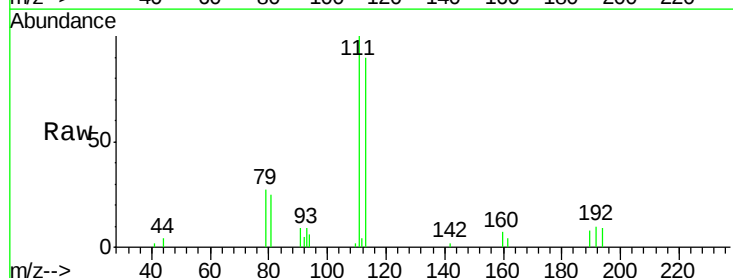
Instrument :
MSVOA_D
ClientSampleId :
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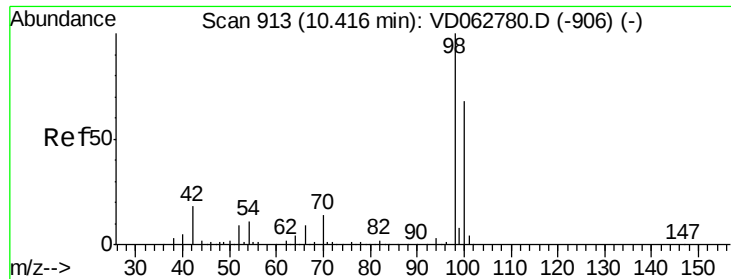
Tot Ion:114 Resp: 1290887
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 18.5 0.0 38.8



#35
Dibromofluoromethane
Concen: 3.876 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

Tgt Ion:113 Resp: 42190
Ion Ratio Lower Upper
113 100
111 110.9 81.2 121.8
192 10.6 12.9 19.3#

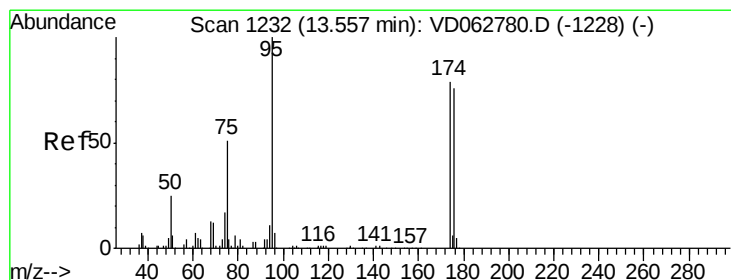
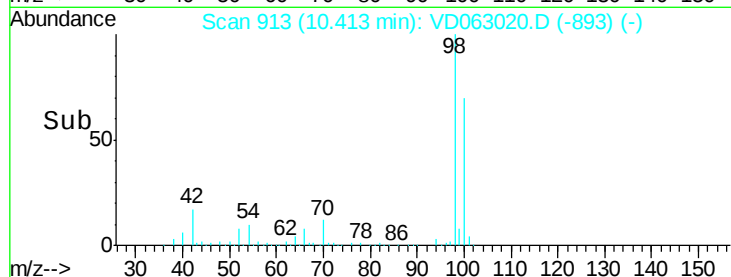
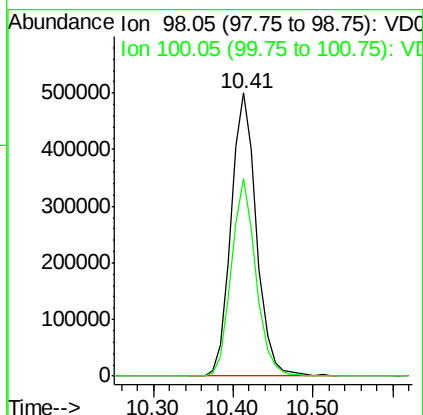
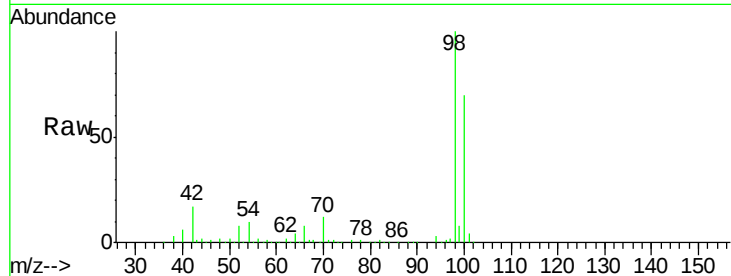




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

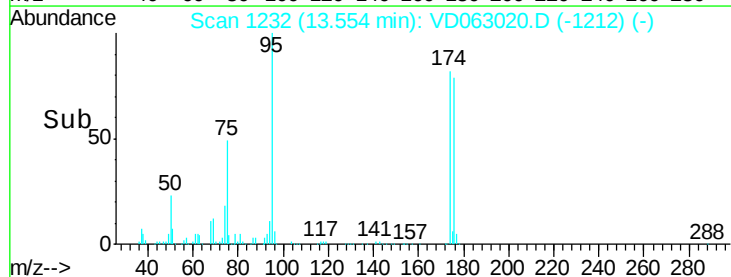
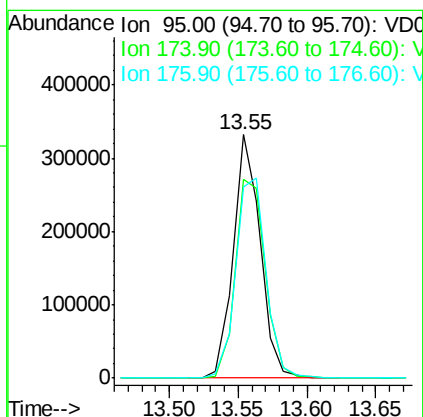
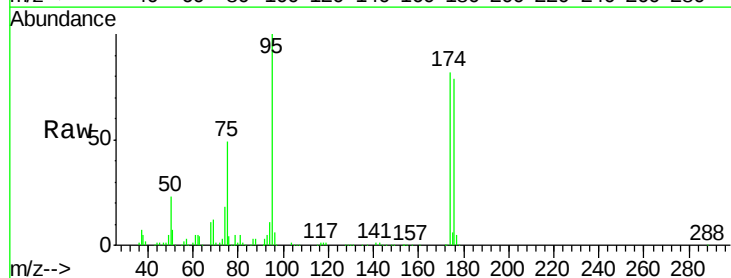
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-010

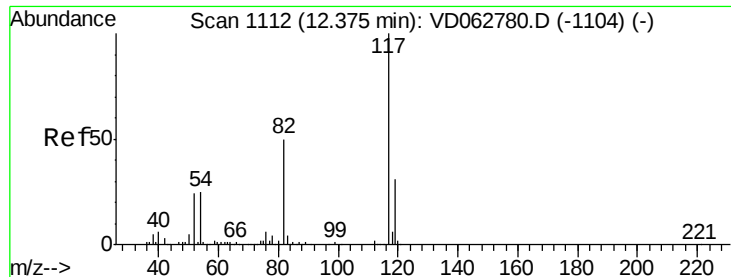
Tot Ion: 98 Resp: 1114839
Ion Ratio Lower Upper
98 100
100 69.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 41.968 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

Tgt Ion: 95 Resp: 452084
Ion Ratio Lower Upper
95 100
174 81.7 0.0 158.0
176 78.5 0.0 151.6

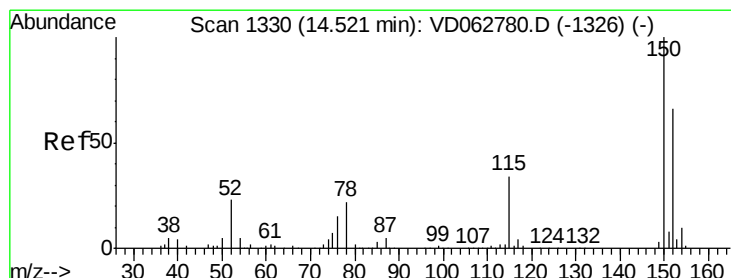
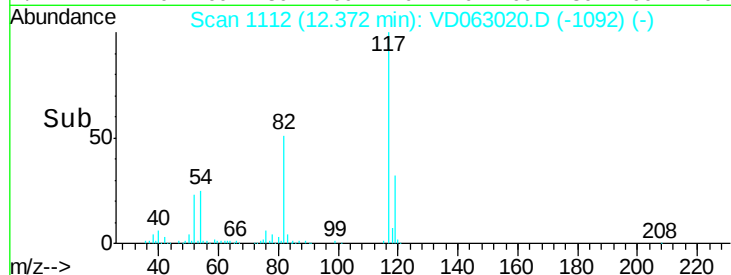
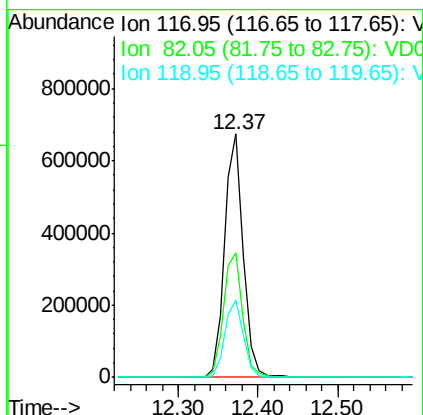
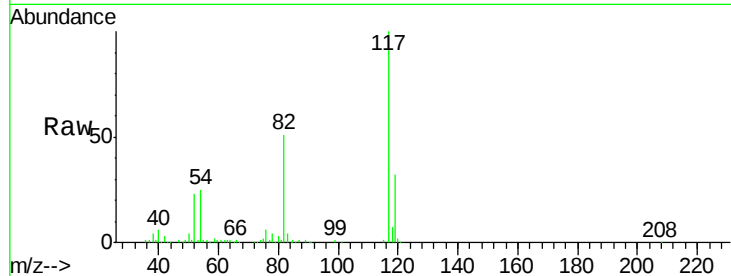




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

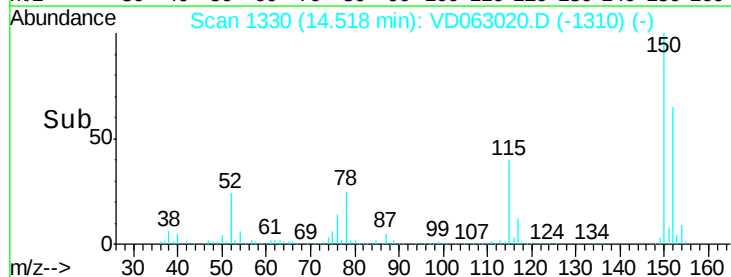
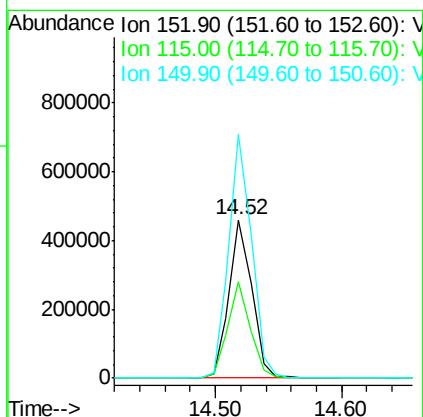
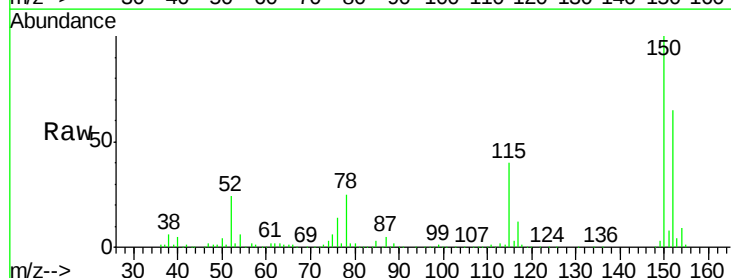
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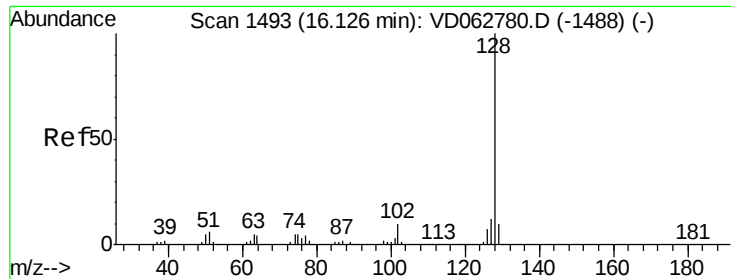
Tot Ion:117 Resp: 1110188
Ion Ratio Lower Upper
117 100
82 51.1 40.4 60.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063020.D
Acq: 3 Jul 2019 12:52

Tgt Ion:152 Resp: 574711
Ion Ratio Lower Upper
152 100
115 61.3 29.2 87.6
150 154.2 0.0 305.8





#95
 Naphthalene
 Concen: 1.255 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD063020.D
 Acq: 3 Jul 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.7	14.5
129	9.1	8.3	12.5

