

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063045.D
 Acq On : 8 Jul 2019 19:14
 Operator : VA/AP
 Sample : K3699-02
 Misc : 3.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-014-ABCD

Quant Time: Jul 09 05:12:27 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

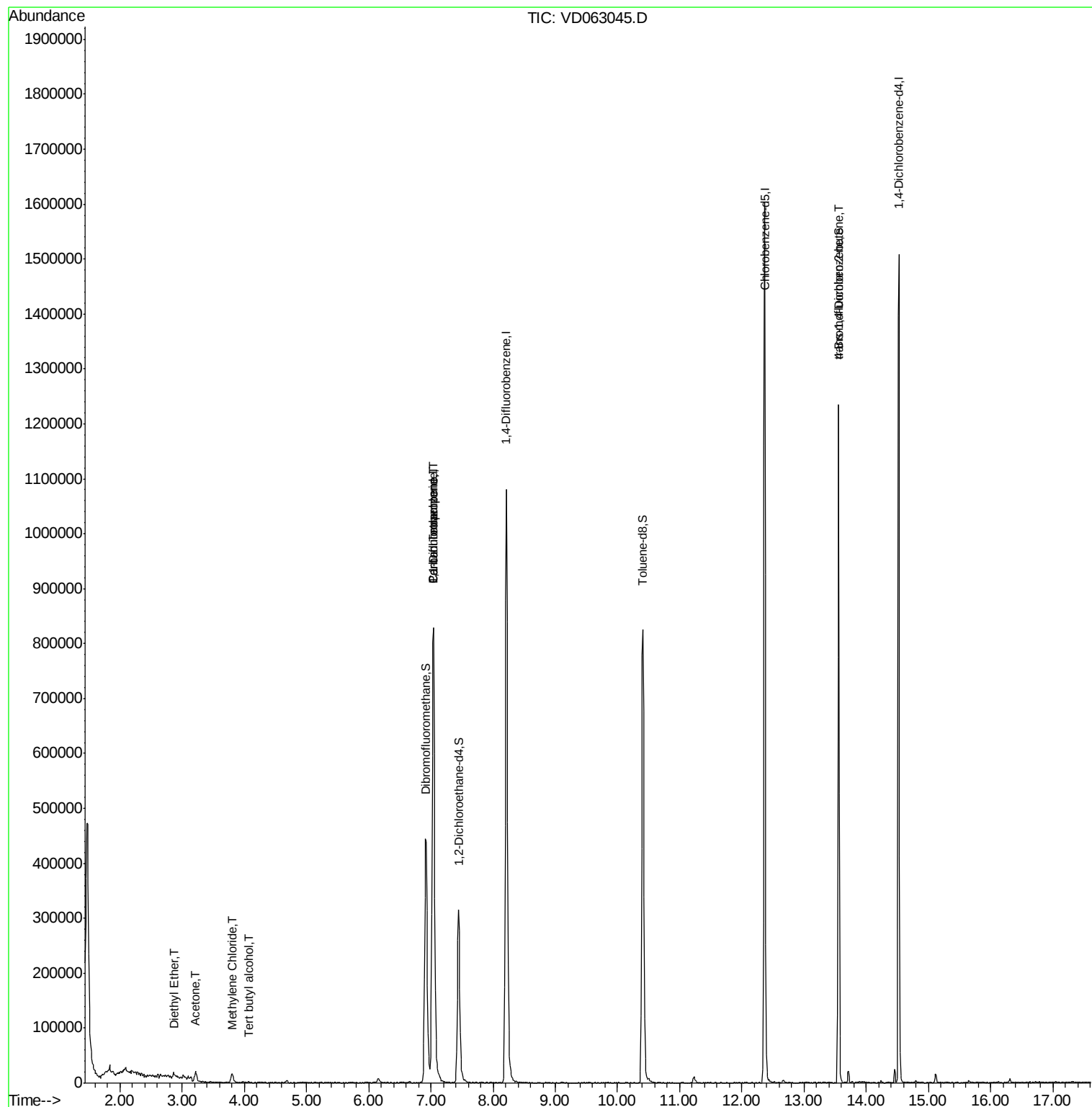
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	796347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1098241	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	830446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	349983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	372412	43.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.04%	
35) Dibromofluoromethane	6.91	113	401219	43.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	10.41	98	722005	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.64%	
62) 4-Bromofluorobenzene	13.56	95	320894	35.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.02%	
Target Compounds						
8) Diethyl Ether	2.88	74	2136	1.081	ug/l	90
11) Tert butyl alcohol	4.08	59	491	1.245	ug/l #	77
16) Acetone	3.21	43	31636	11.344	ug/l	96
20) Methylene Chloride	3.81	84	10130	1.534	ug/l	94
36) 1,1-Dichloropropene	7.03	75	60468	5.816	ug/l #	52
37) Ethyl Acetate	6.16	43	251	Below Cal	#	69
38) Carbon Tetrachloride	7.03	117	84531	5.406	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	152913	144.407	ug/l #	2

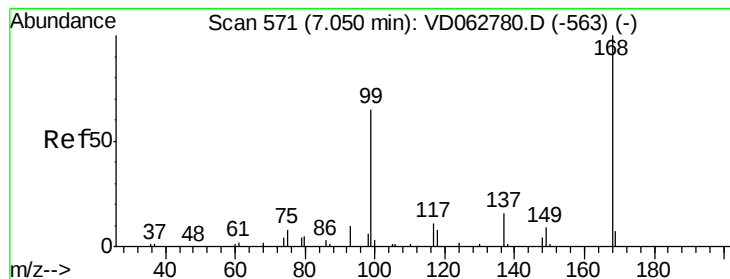
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070819\
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Quant Time: Jul 09 05:12:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

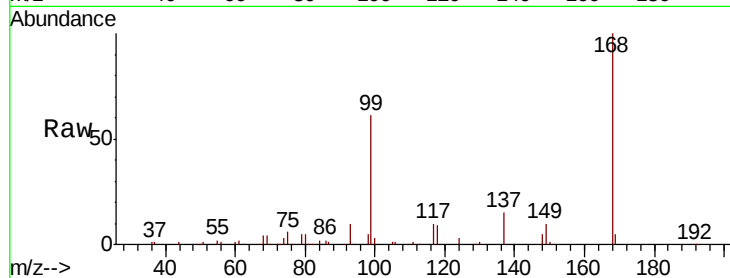
FK-EF-01-014-ABCD

Tot Ion:168 Resp: 796347

Ion Ratio Lower Upper

168 100

99 60.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

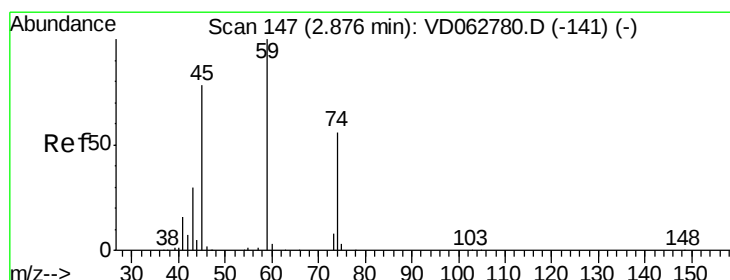
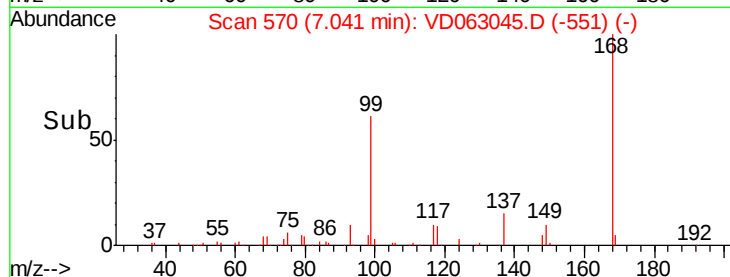
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.081 ug/l

RT: 2.88 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD063045.D

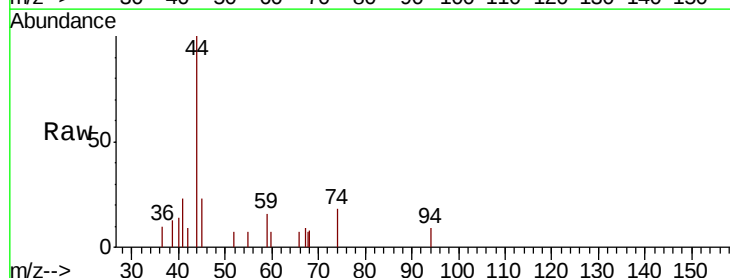
Acq: 8 Jul 2019 19:14

Tgt Ion: 74 Resp: 2136

Ion Ratio Lower Upper

74 100

45 128.8 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2500

2000

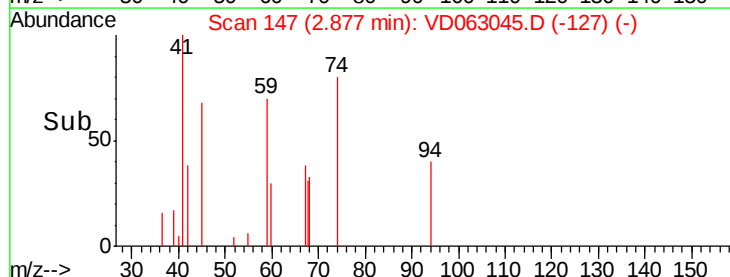
1500

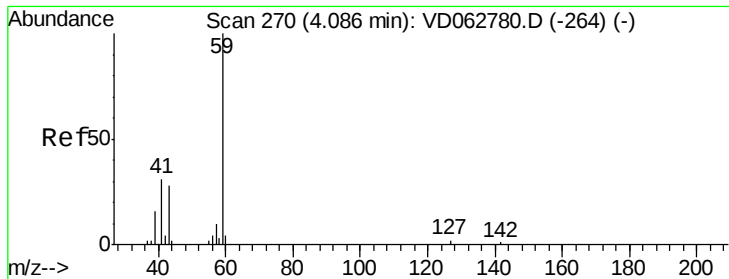
1000

500

0

Time-->



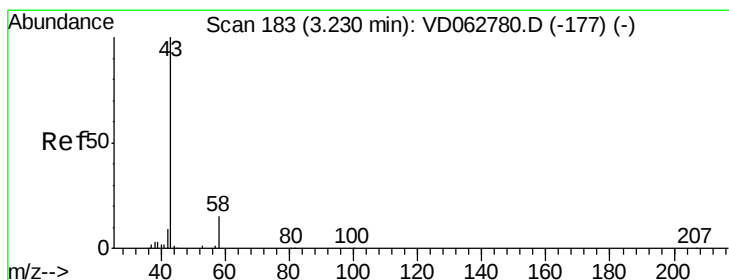
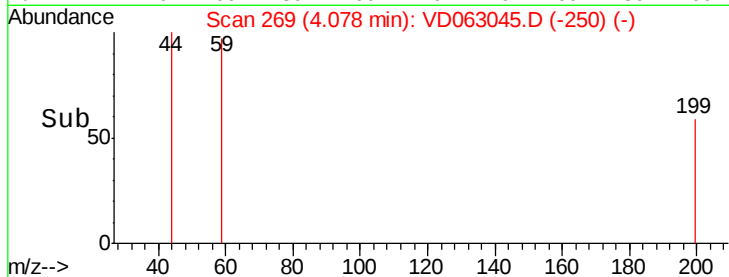
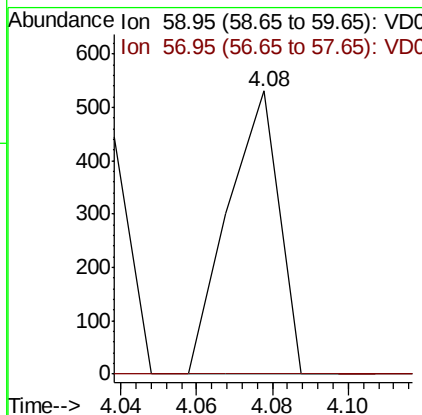
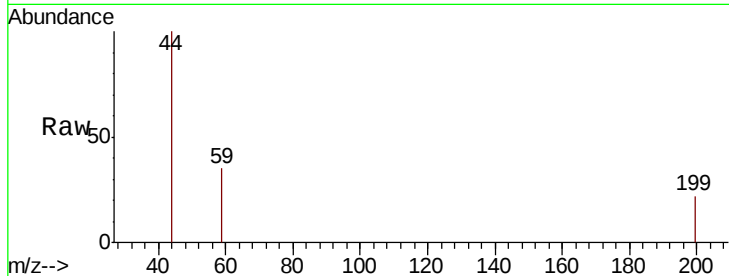


#11

Tert butyl alcohol
 Concen: 1.245 ug/l
 RT: 4.08 min Scan# 269
 Delta R.T. -0.01 min
 Lab File: VD063045.D
 Acq: 8 Jul 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-014-ABCD

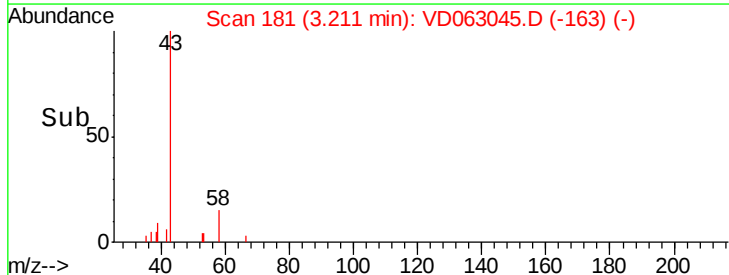
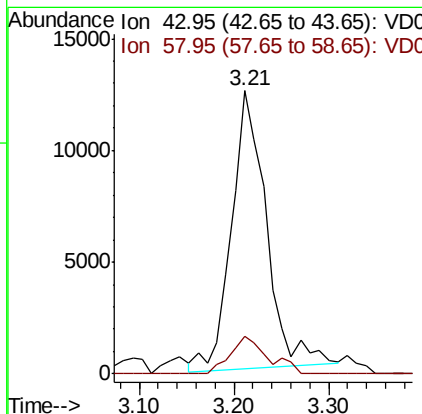
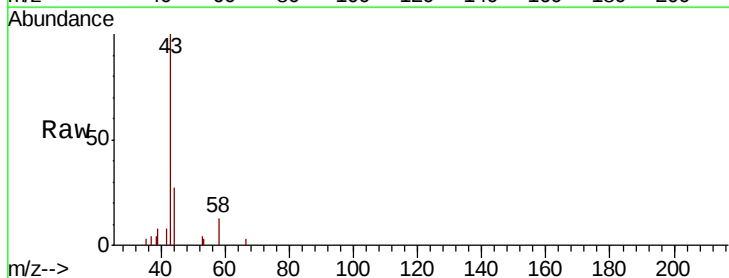
Tot Ion: 59 Resp: 491
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.6 10.0#

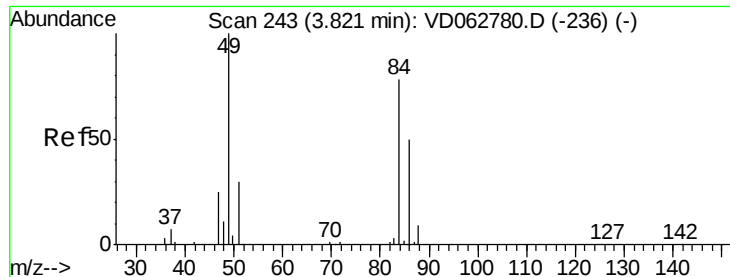


#16

Acetone
 Concen: 11.344 ug/l
 RT: 3.21 min Scan# 181
 Delta R.T. -0.02 min
 Lab File: VD063045.D
 Acq: 8 Jul 2019 19:14

Tgt Ion: 43 Resp: 31636
 Ion Ratio Lower Upper
 43 100
 58 13.4 11.9 17.9

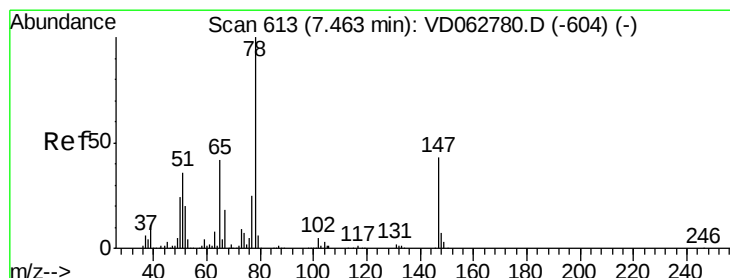
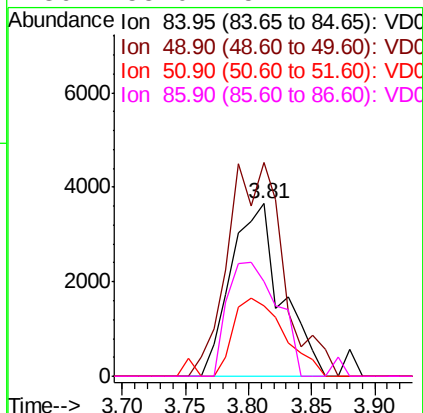
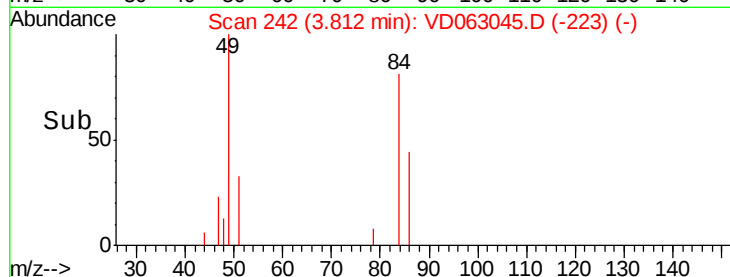
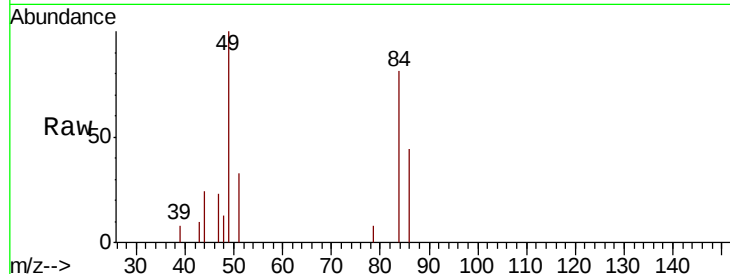




#20
Methylene Chloride
Concen: 1.534 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063045.D
Acq: 8 Jul 2019 19:14

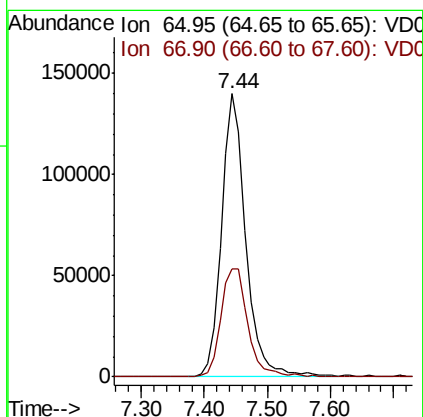
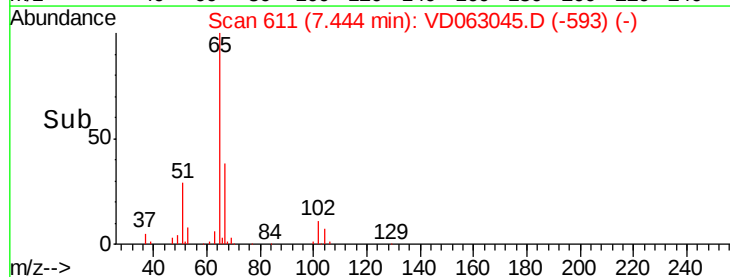
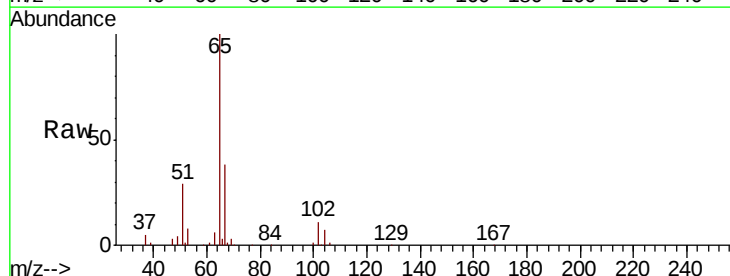
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-014-ABCD

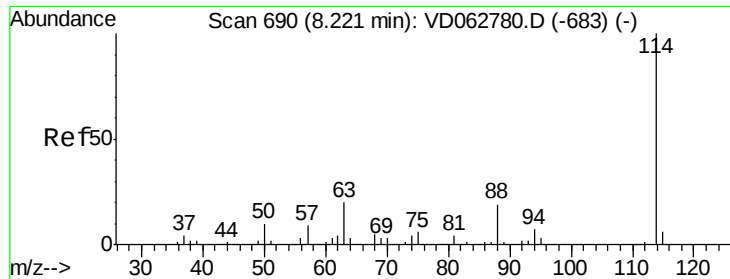
Tot Ion: 84 Resp: 10130
Ion Ratio Lower Upper
84 100
49 123.8 102.9 154.3
51 41.1 31.2 46.8
86 55.0 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 43.023 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063045.D
Acq: 8 Jul 2019 19:14

Tgt Ion: 65 Resp: 372412
Ion Ratio Lower Upper
65 100
67 38.0 0.0 87.4

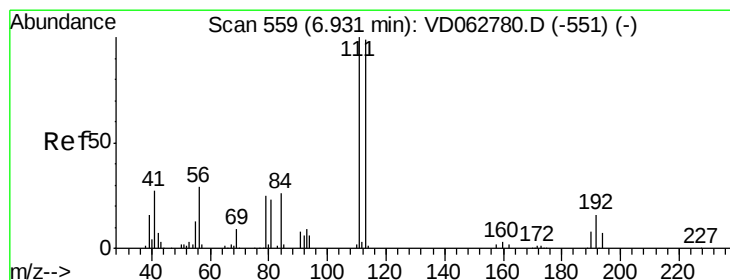
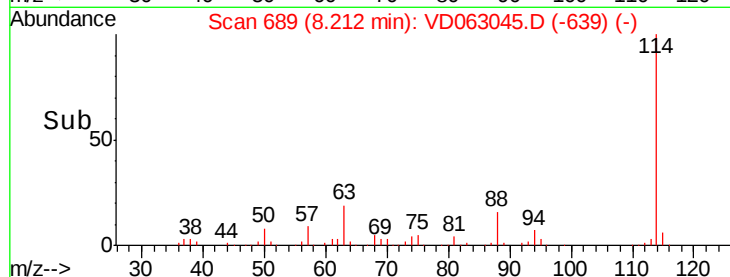
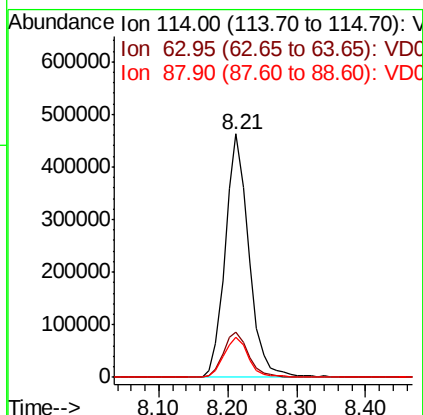
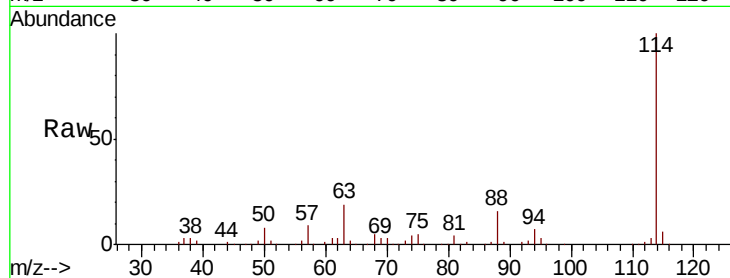




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063045.D
 Acq: 8 Jul 2019 19:14

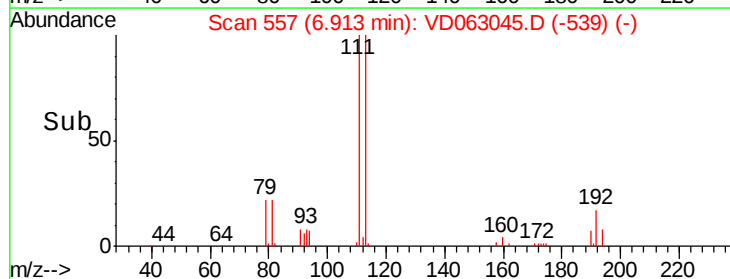
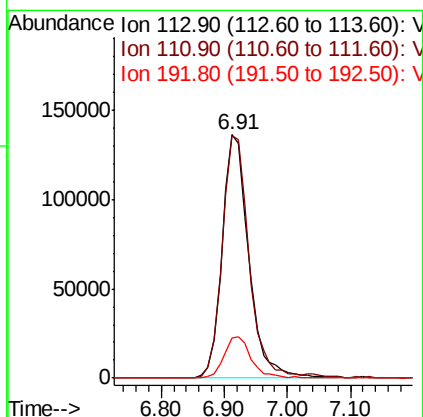
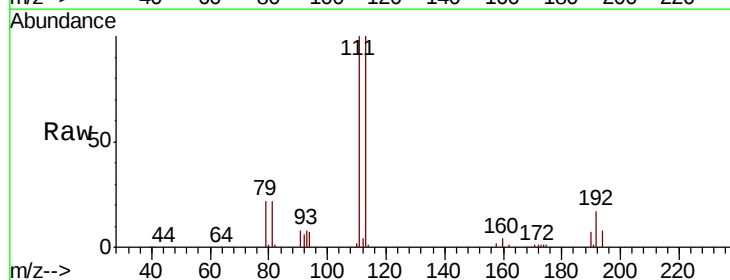
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-014-ABCD

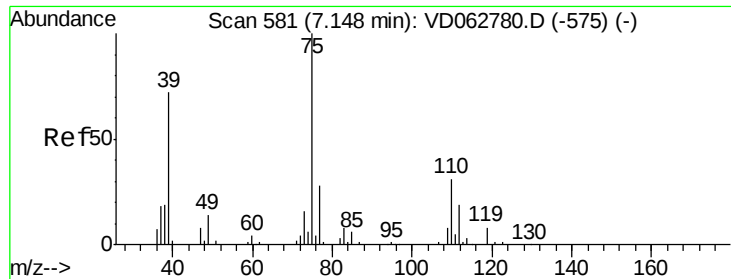
Tot Ion:114 Resp: 1098241
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 16.4 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 43.327 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063045.D
 Acq: 8 Jul 2019 19:14

Tgt Ion:113 Resp: 401219
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.2 121.8
 192 16.5 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.816 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-014-ABCD

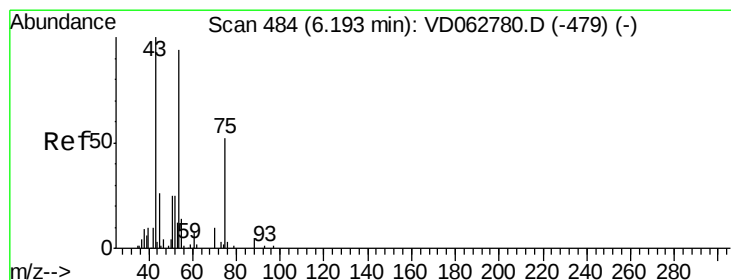
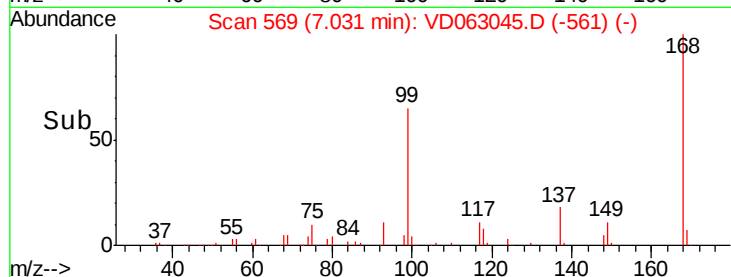
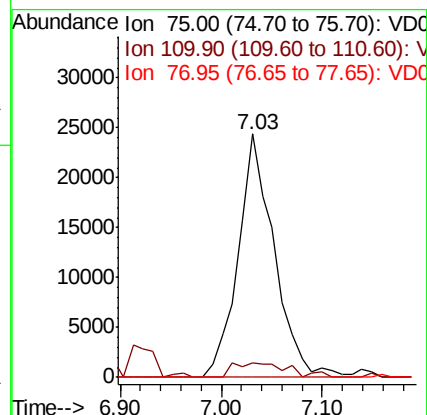
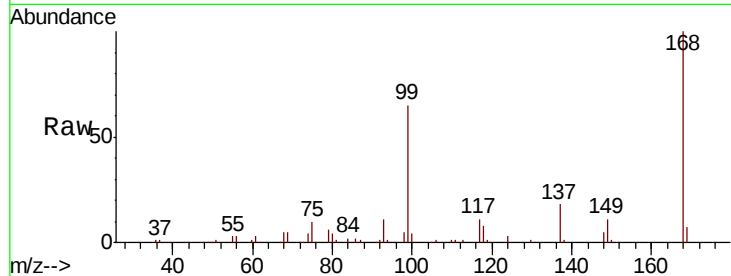
Tot Ion: 75 Resp: 60468

Ion Ratio Lower Upper

75 100

110 6.1 15.0 45.1#

77 0.0 22.2 33.2#



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.16 min Scan# 481

Delta R.T. -0.03 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

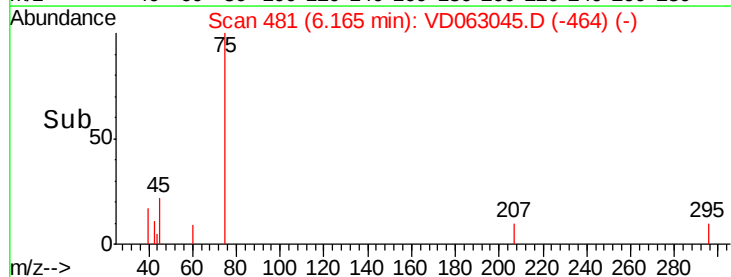
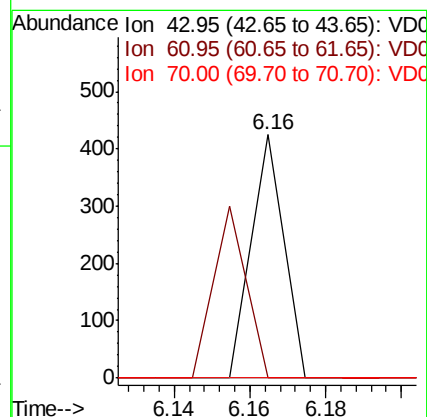
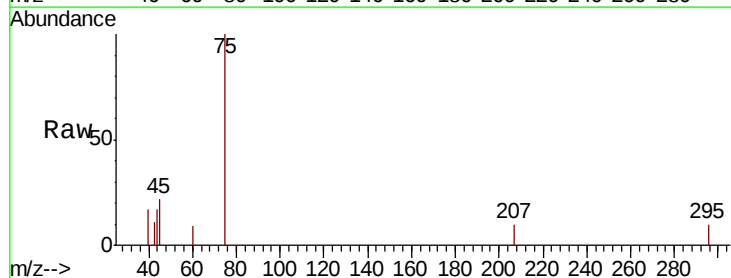
Tgt Ion: 43 Resp: 251

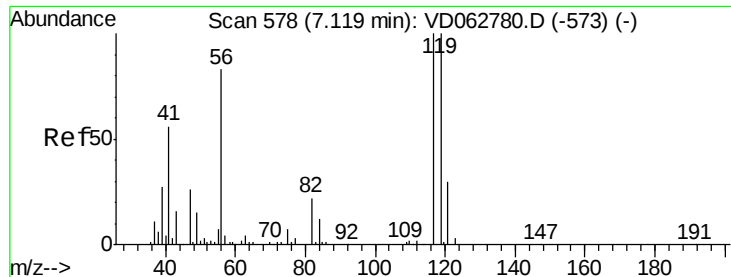
Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

70 0.0 6.4 9.6#





#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-014-ABCD

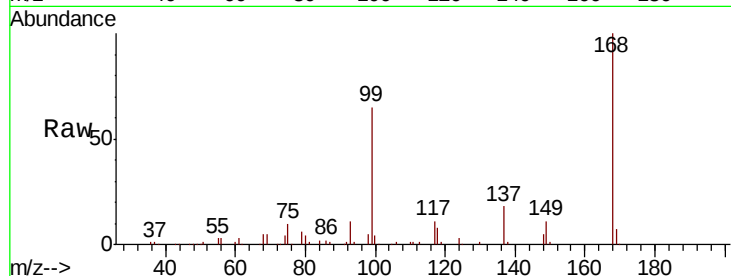
Tot Ion:117 Resp: 84531

Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.2#

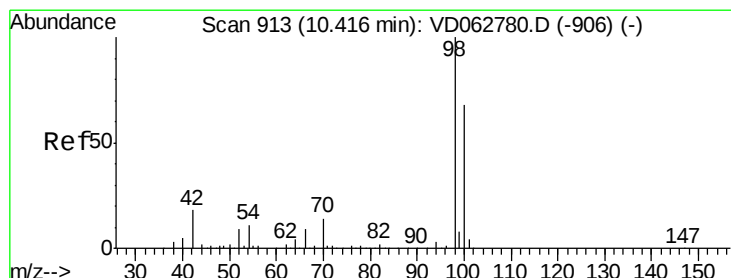
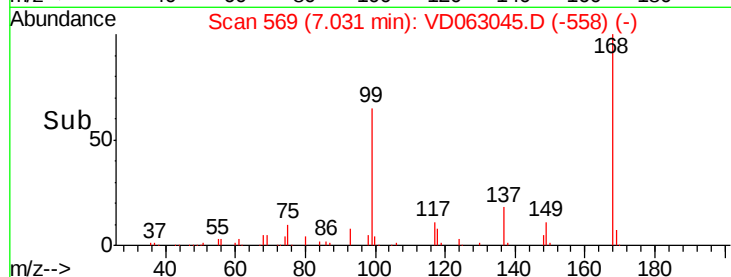
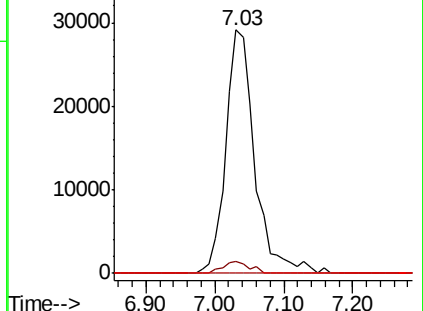
121 0.0 22.3 33.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: 35.823 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063045.D

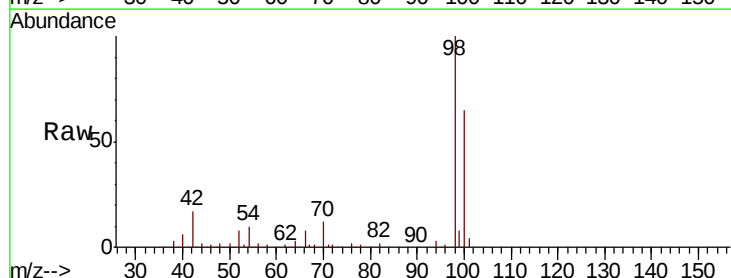
Acq: 8 Jul 2019 19:14

Tgt Ion: 98 Resp: 722005

Ion Ratio Lower Upper

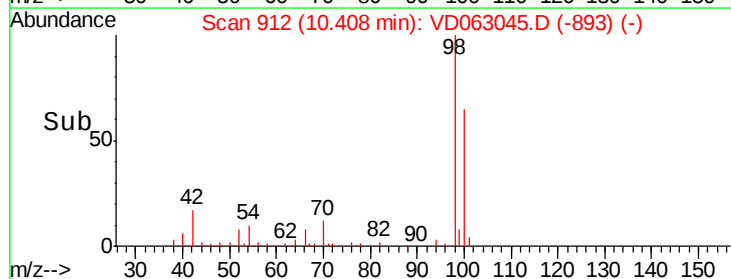
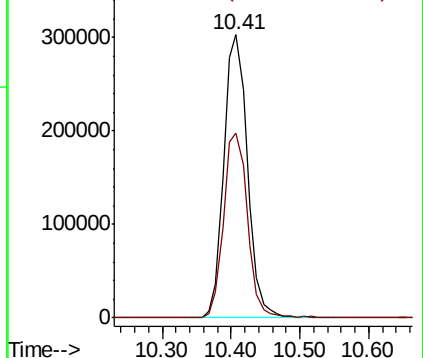
98 100

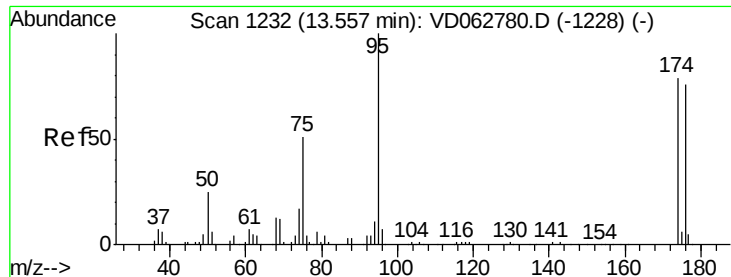
100 65.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 35.015 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-014-ABCD

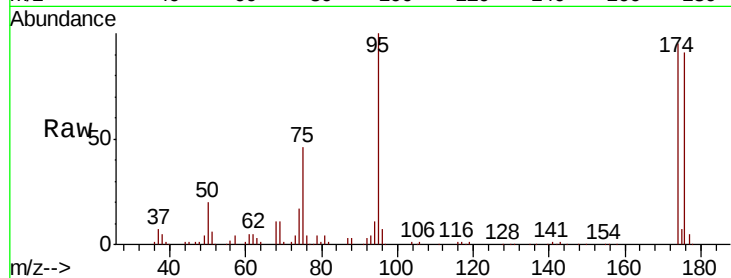
Tot Ion: 95 Resp: 320894

Ion Ratio Lower Upper

95 100

174 95.1 0.0 158.0

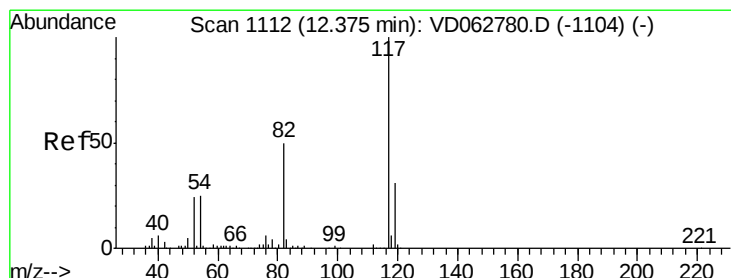
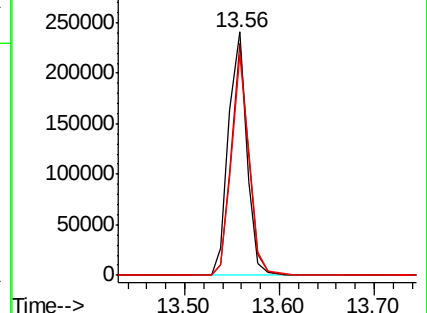
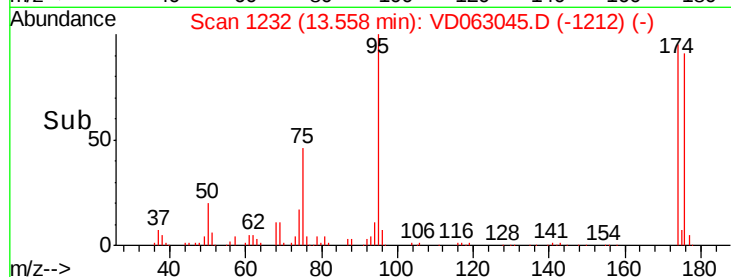
176 90.7 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

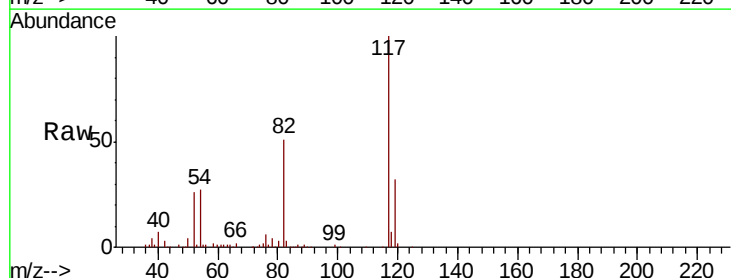
Tgt Ion: 117 Resp: 830446

Ion Ratio Lower Upper

117 100

82 51.1 40.4 60.6

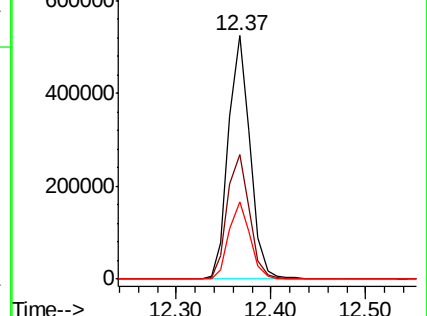
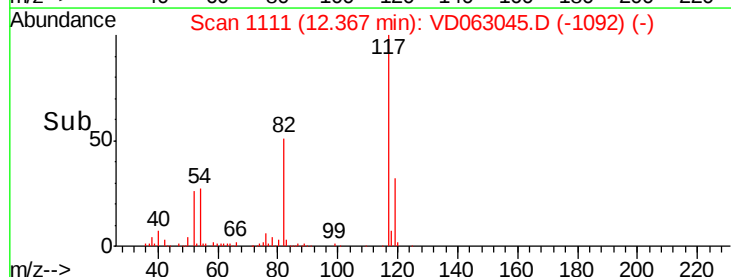
119 31.9 25.2 37.8

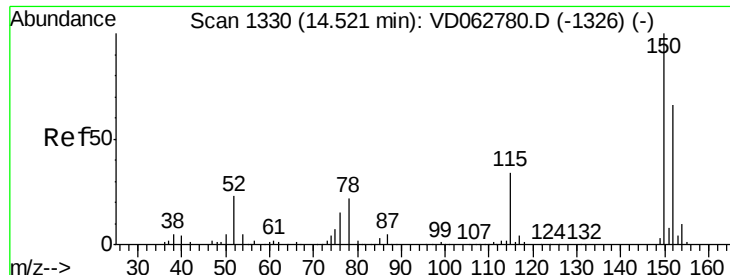


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-014-ABCD

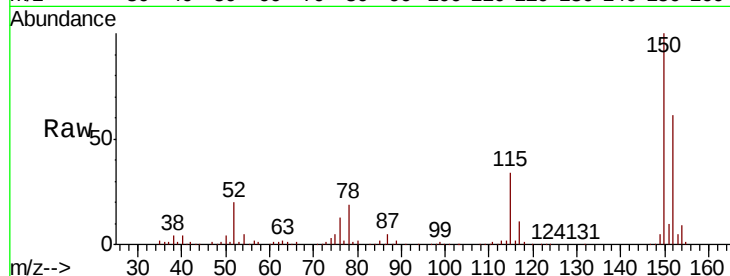
Tot Ion:152 Resp: 349983

Ion Ratio Lower Upper

152 100

115 56.1 29.2 87.6

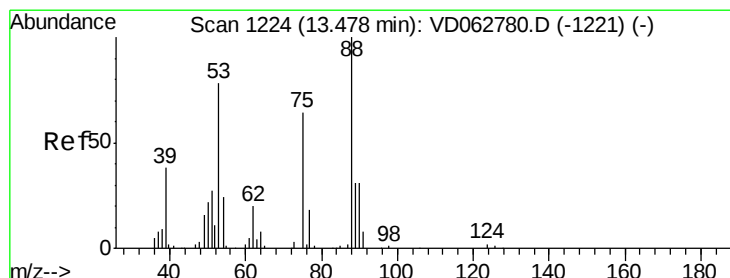
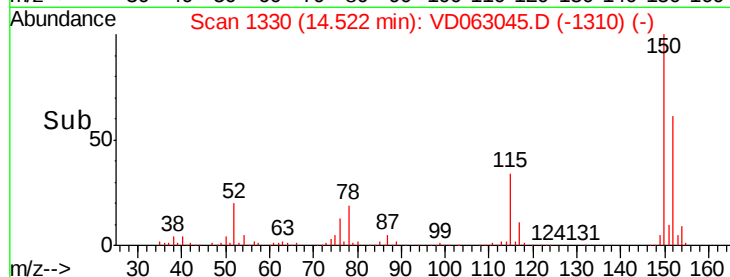
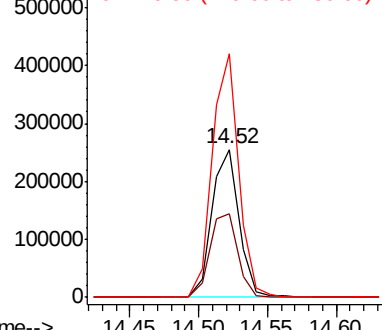
150 164.5 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 144.407 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063045.D

Acq: 8 Jul 2019 19:14

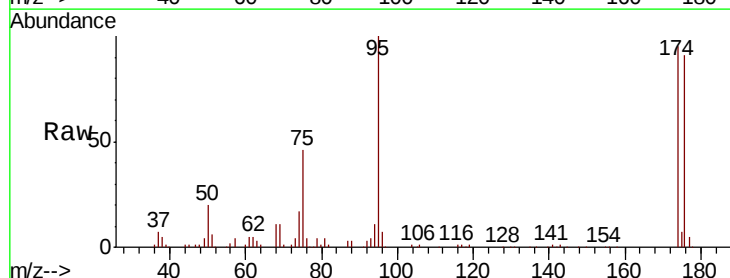
Tgt Ion: 75 Resp: 152913

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

