

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063235.D
 Acq On : 30 Jul 2019 12:16
 Operator : VA/AP
 Sample : K3621-07RE
 Misc : 7.57g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-072919

Quant Time: Jul 31 04:54:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

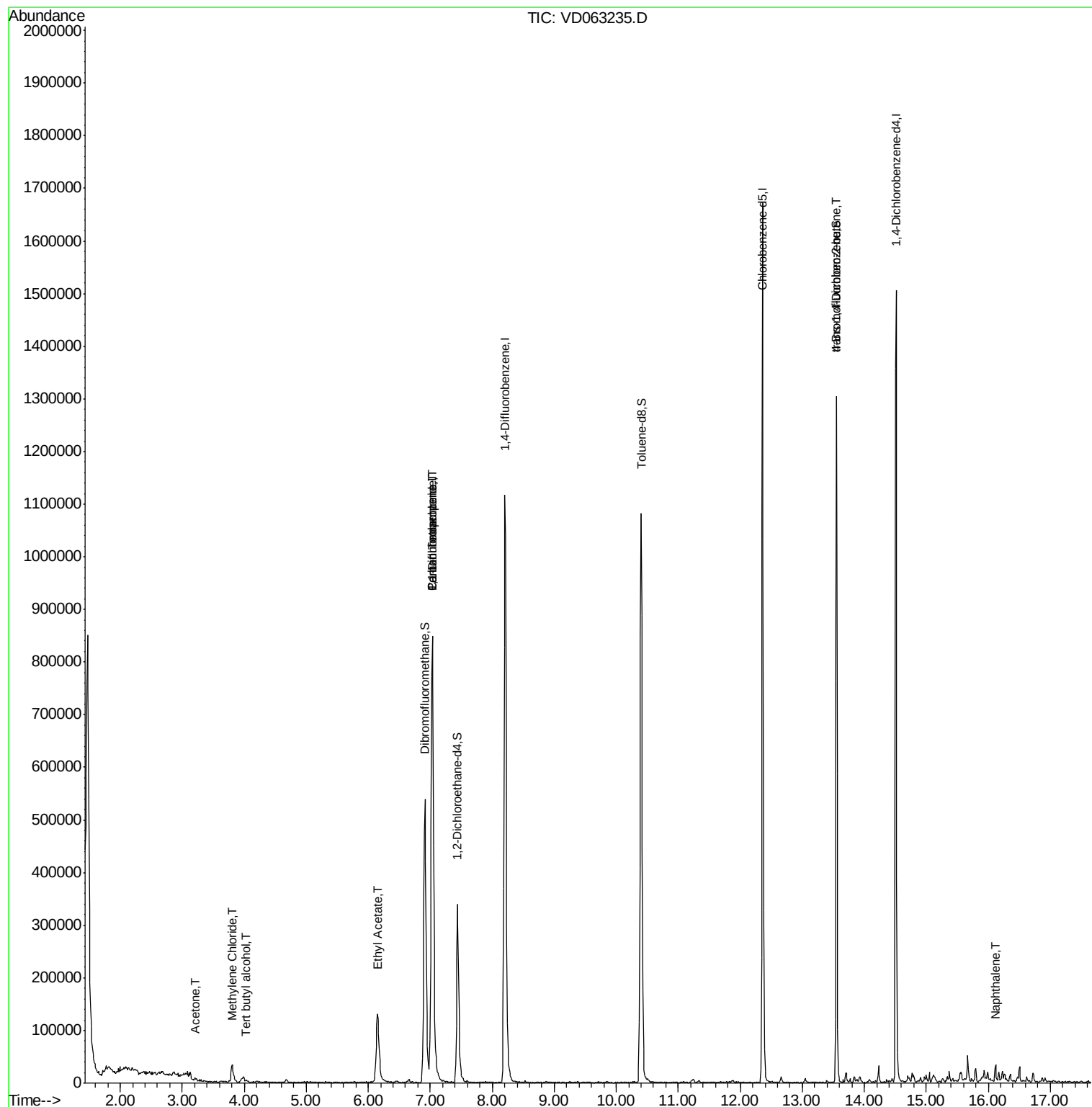
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	848481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1218319	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	889087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	346674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	376108	39.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.90%	
35) Dibromofluoromethane	6.92	113	458019	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
50) Toluene-d8	10.40	98	898240	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	13.55	95	327424	30.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.04	59	415	1.004	ug/l #	69
16) Acetone	3.21	43	11714	6.386	ug/l #	90
20) Methylene Chloride	3.80	84	18181	2.452	ug/l #	77
36) 1,1-Dichloropropene	7.03	75	65690	5.908	ug/l #	52
37) Ethyl Acetate	6.16	43	11418	2.286	ug/l #	23
38) Carbon Tetrachloride	7.03	117	83998	5.018	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	156447	135.305	ug/l #	3
95) Naphthalene	16.12	128	19425	1.811	ug/l #	86

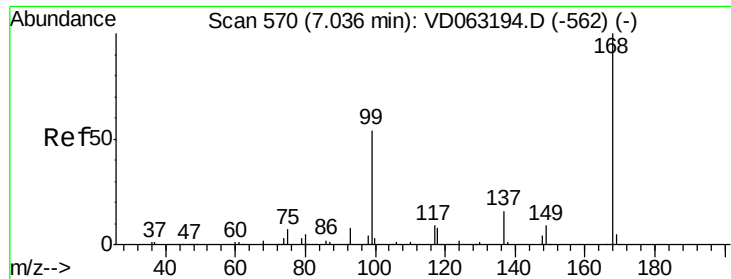
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

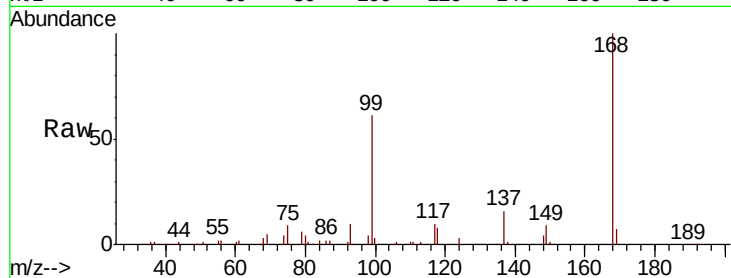
OK-01-072919

Tot Ion:168 Resp: 848481

Ion Ratio Lower Upper

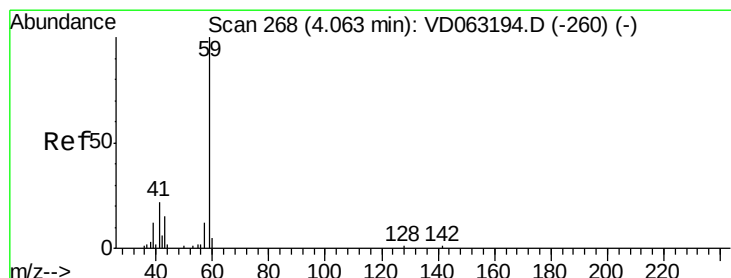
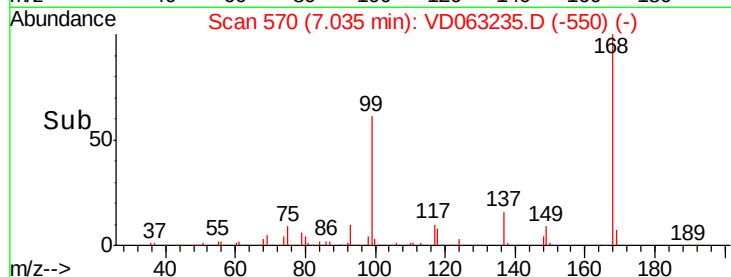
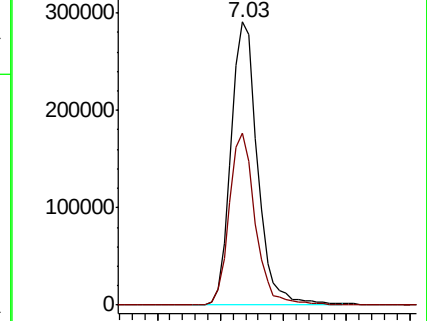
168 100

99 60.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.004 ug/l

RT: 4.04 min Scan# 266

Delta R.T. -0.02 min

Lab File: VD063235.D

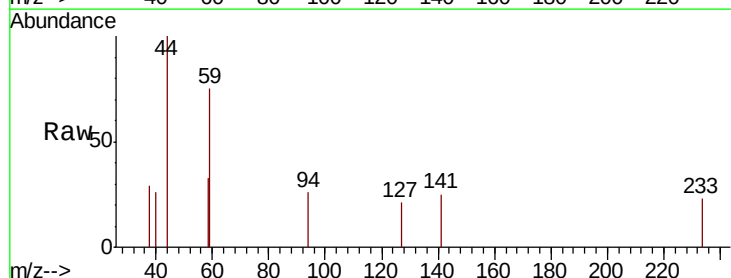
Acq: 30 Jul 2019 12:16

Tgt Ion: 59 Resp: 415

Ion Ratio Lower Upper

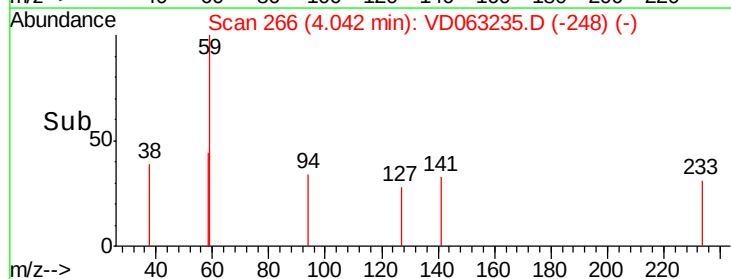
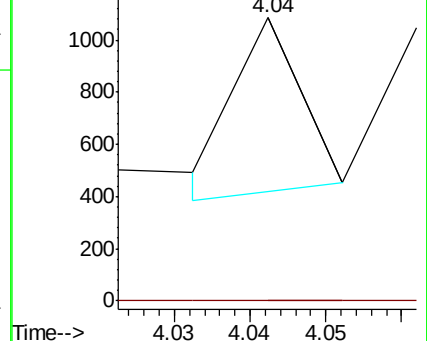
59 100

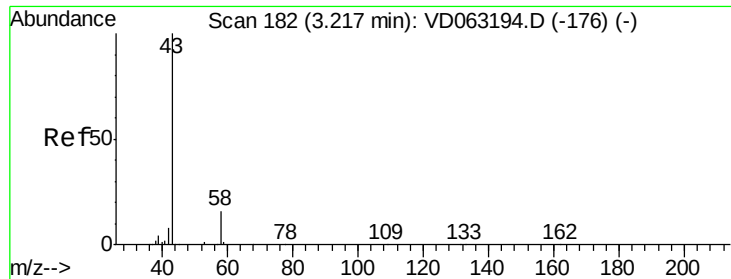
57 0.0 9.6 14.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

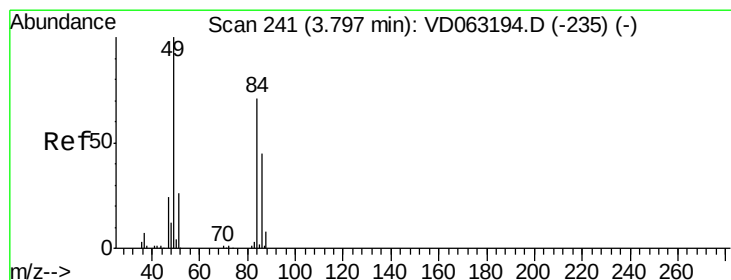
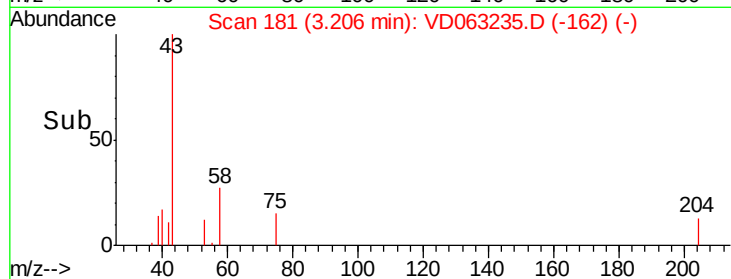
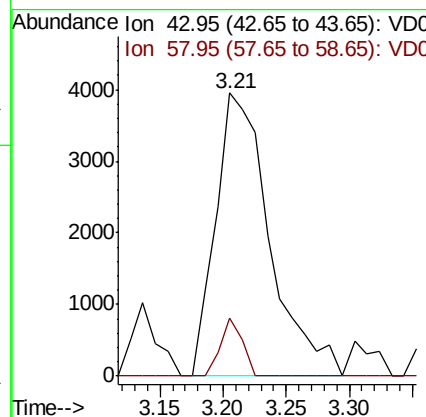
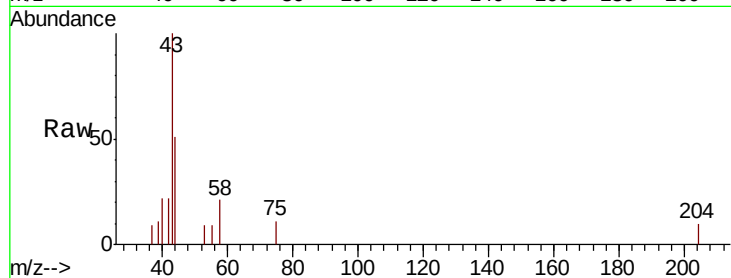




#16
Acetone
Concen: 6.386 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

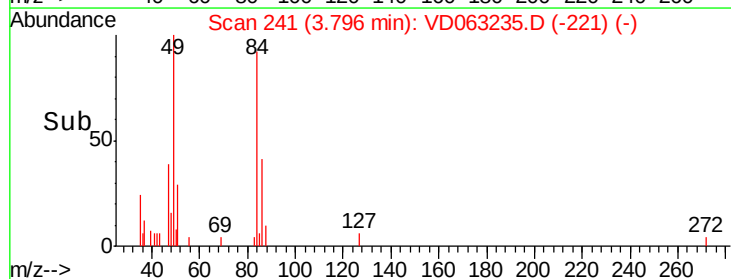
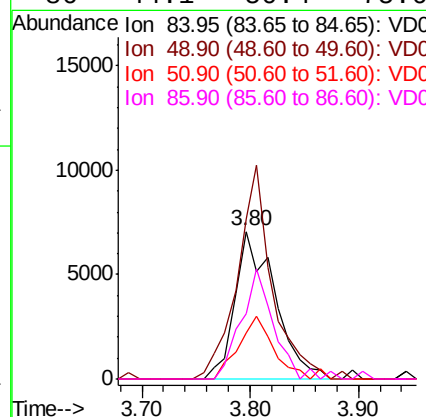
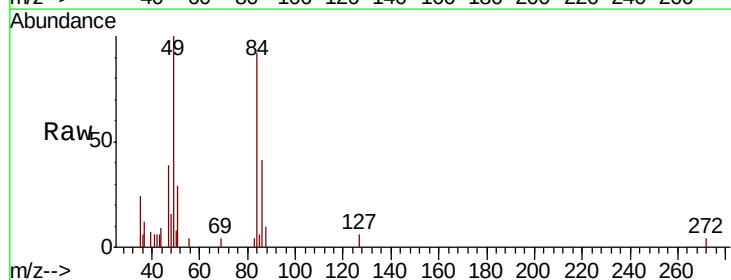
Instrument :
MSVOA_D
ClientSampleId :
OK-01-072919

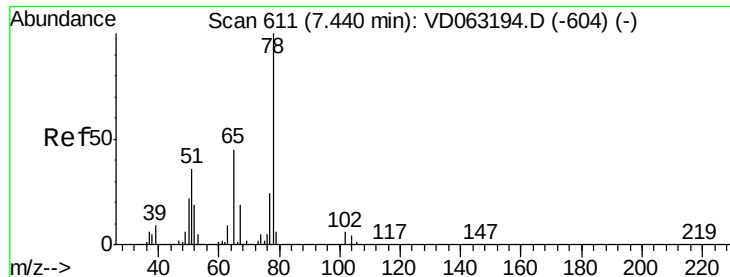
Tot Ion: 43 Resp: 11714
Ion Ratio Lower Upper
43 100
58 20.7 13.0 19.4#



#20
Methylene Chloride
Concen: 2.452 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Tgt Ion: 84 Resp: 18181
Ion Ratio Lower Upper
84 100
49 108.7 112.5 168.7#
51 31.2 29.6 44.4
86 44.1 50.4 75.6#

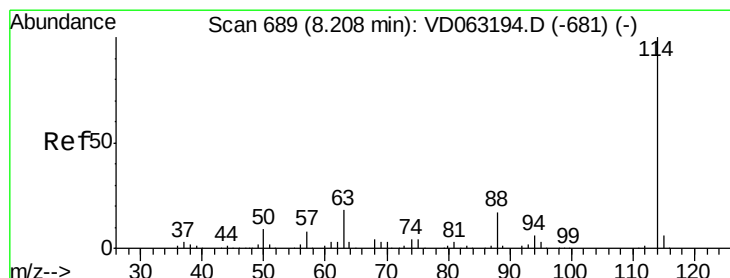
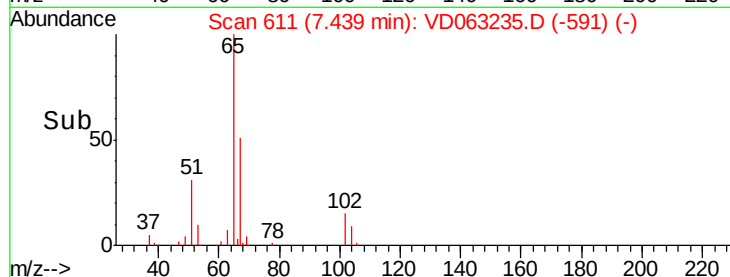
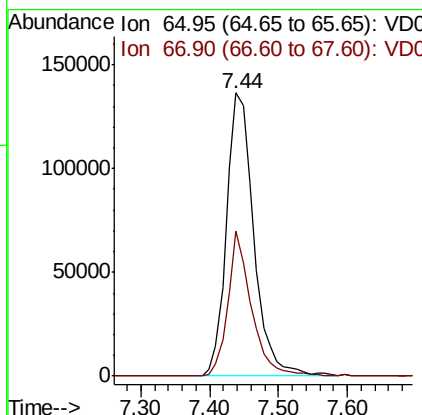
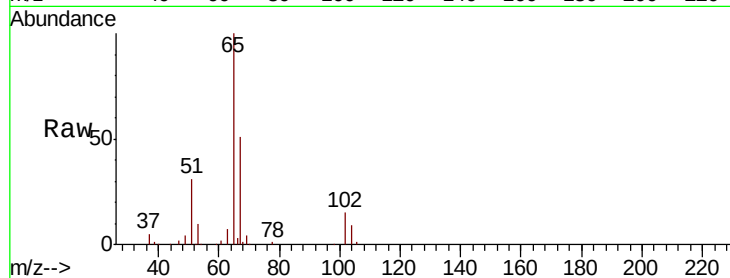




#33
 1,2-Dichloroethane-d4
 Concen: 39.949 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

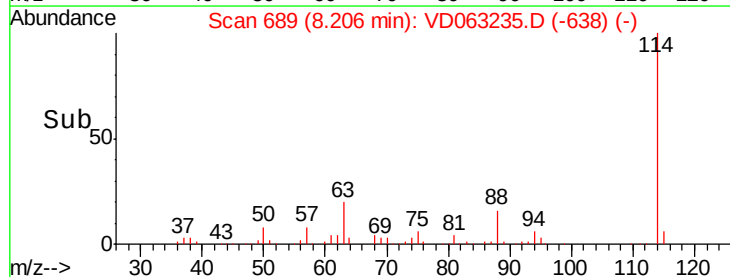
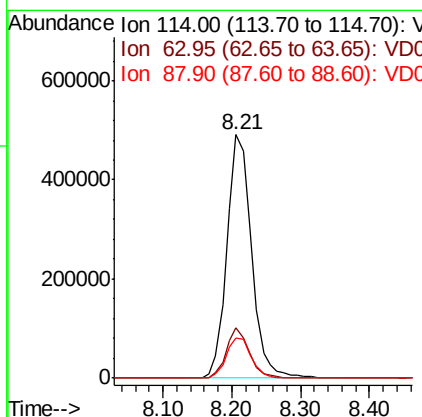
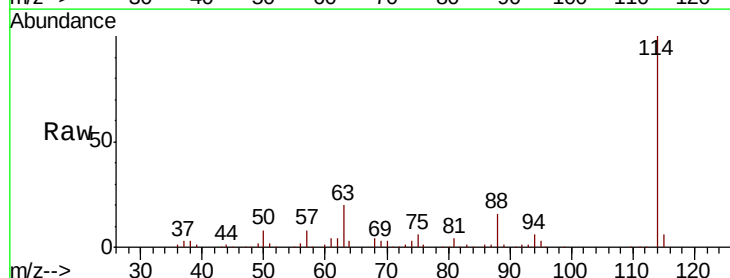
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-072919

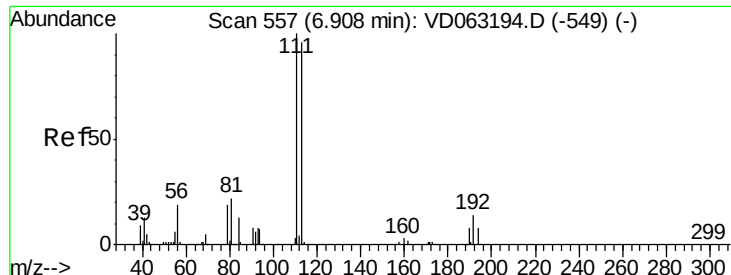
Tot Ion: 65 Resp: 376108
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

Tgt Ion: 114 Resp: 1218319
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.2
 88 16.4 0.0 34.6

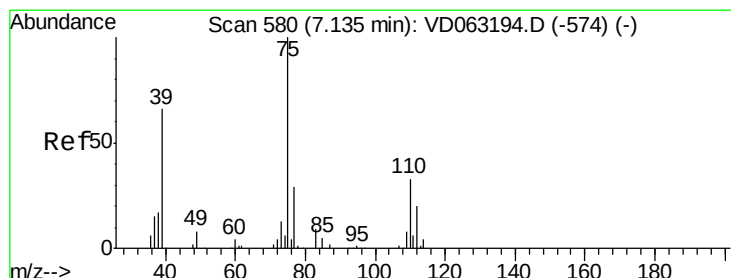
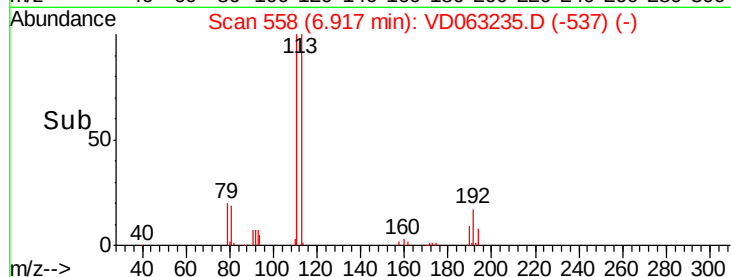
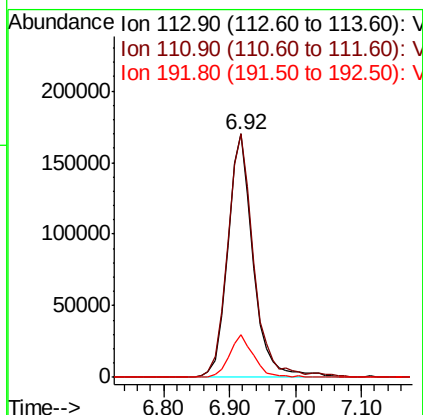
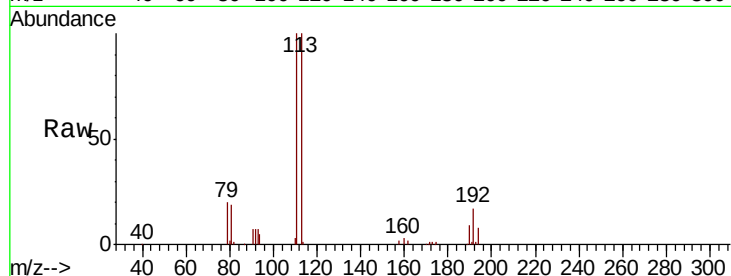




#35
 Dibromofluoromethane
 Concen: 44.032 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

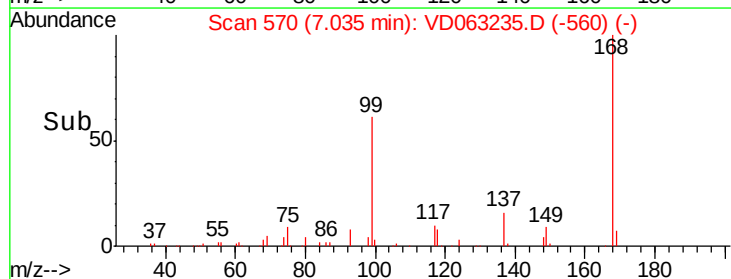
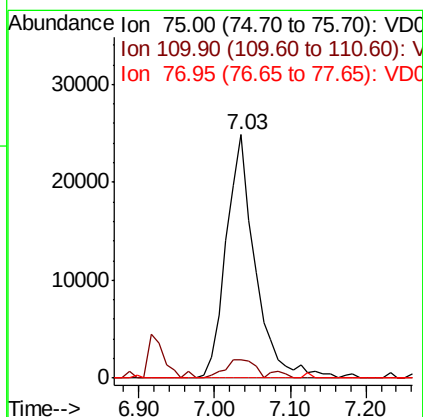
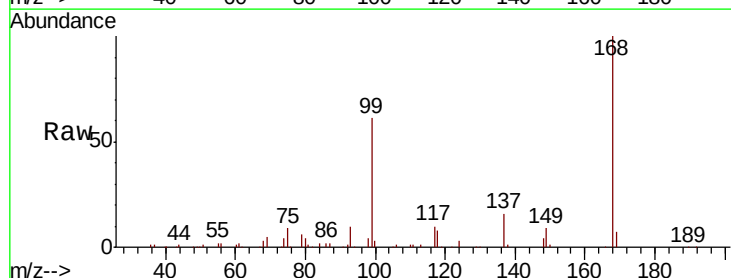
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-072919

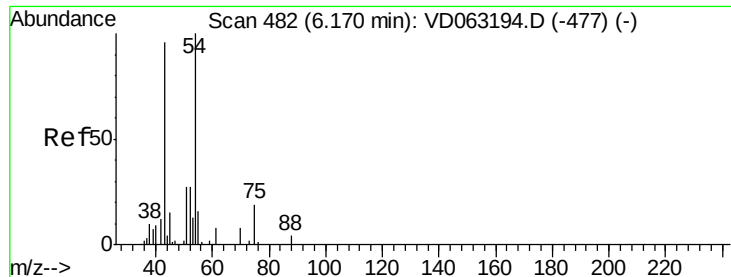
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.2	124.8
192	17.4	11.8	17.8



#36
 1,1-Dichloropropene
 Concen: 5.908 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD063235.D
 Acq: 30 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.1	48.2#
77	0.0	22.7	34.1#





#37

Ethyl Acetate

Concen: 2.286 ug/l

RT: 6.16 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

OK-01-072919

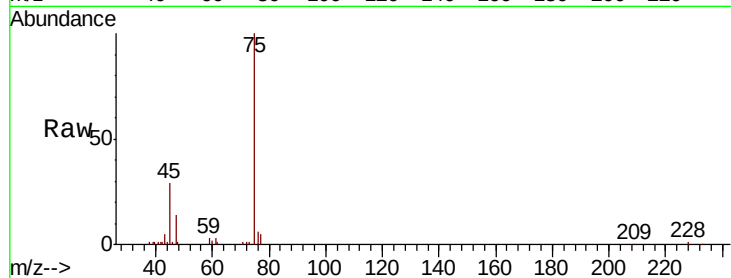
Tot Ion: 43 Resp: 11418

Ion Ratio Lower Upper

43 100

61 56.0 11.3 16.9#

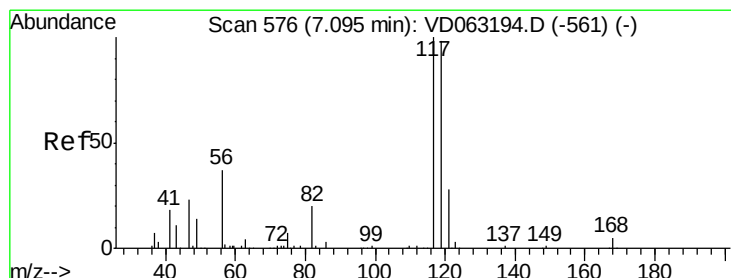
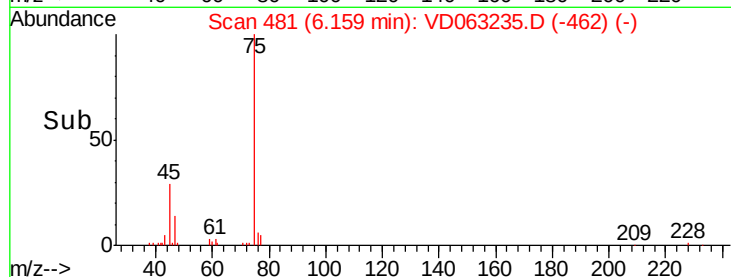
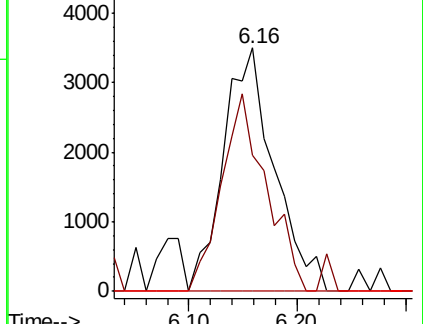
70 0.0 5.1 7.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.018 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

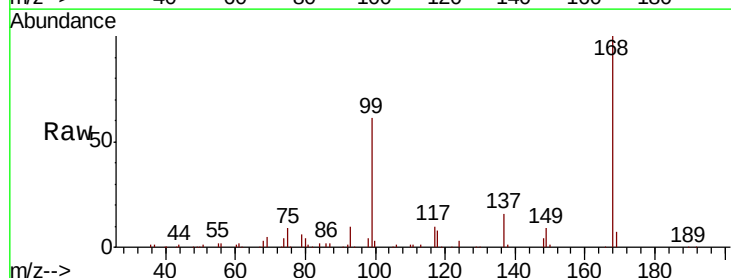
Tgt Ion: 117 Resp: 83998

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

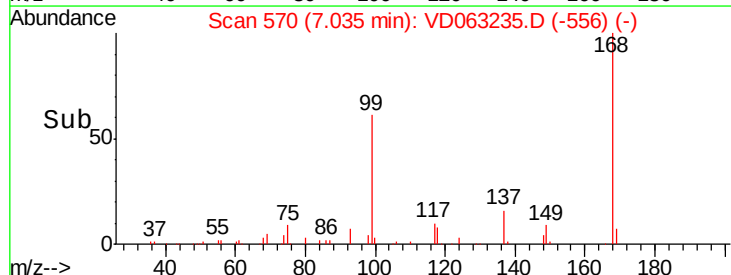
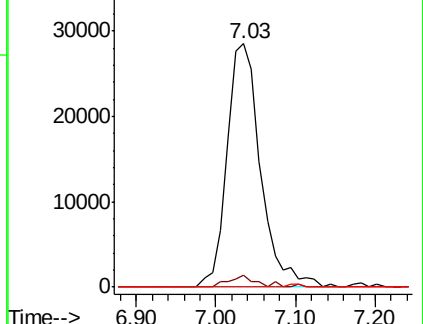
121 0.0 22.1 33.1#

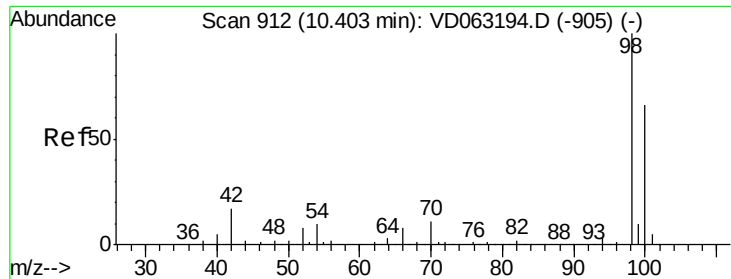


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

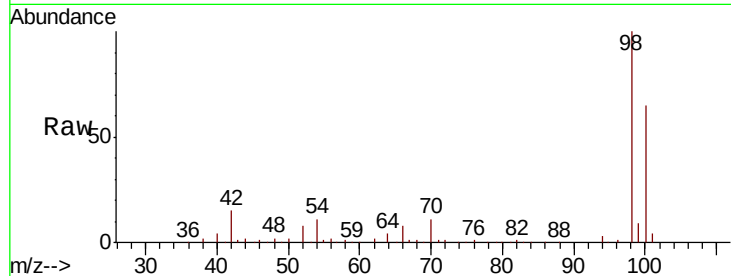




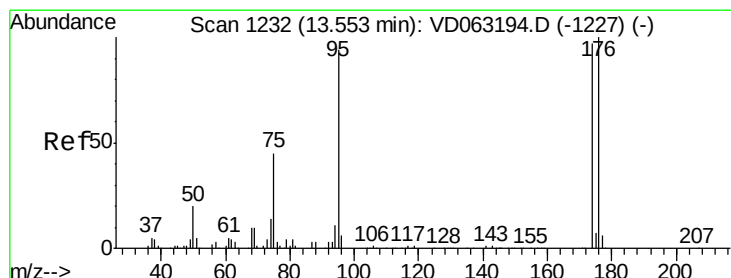
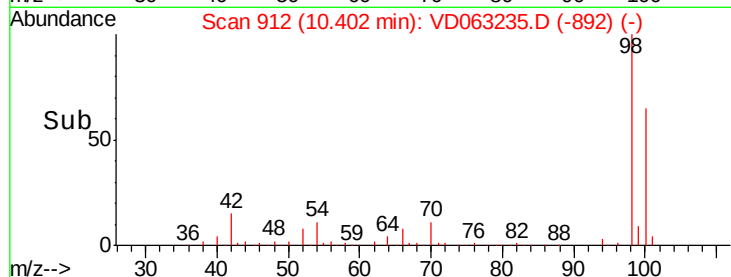
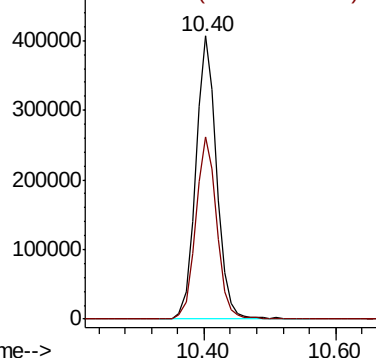
#50
Toluene-d8
Concen: 38.585 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-072919

Tot Ion: 98 Resp: 898240
Ion Ratio Lower Upper
98 100
100 64.6 53.2 79.8

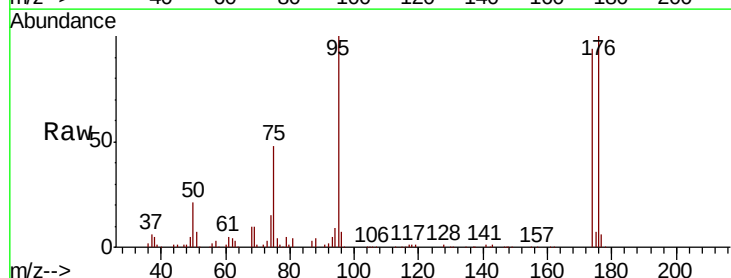


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

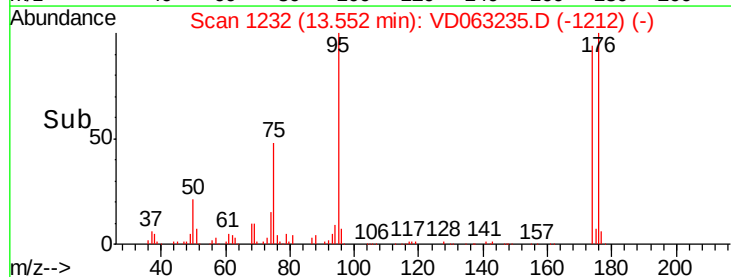
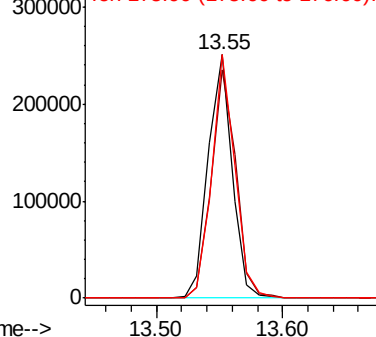


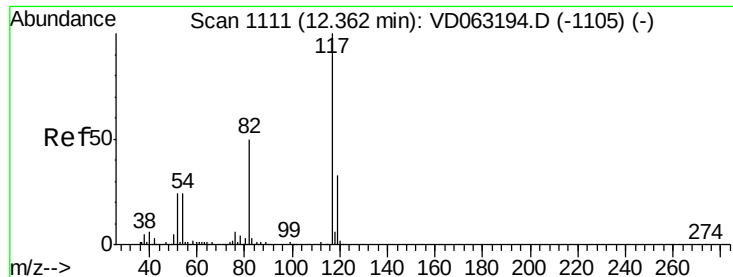
#62
4-Bromofluorobenzene
Concen: 30.865 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Tgt Ion: 95 Resp: 327424
Ion Ratio Lower Upper
95 100
174 93.8 0.0 205.4
176 100.1 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

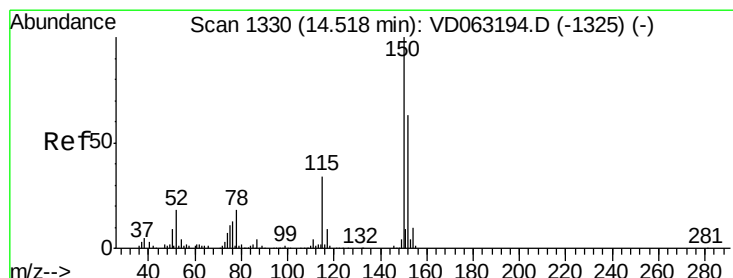
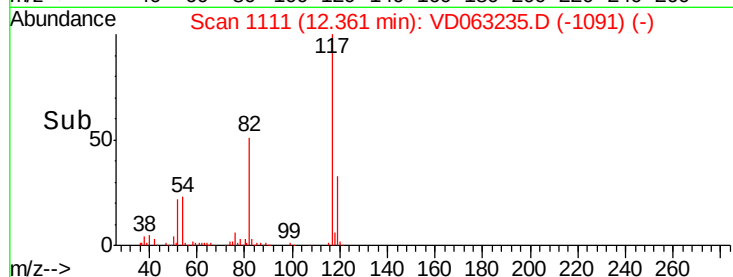
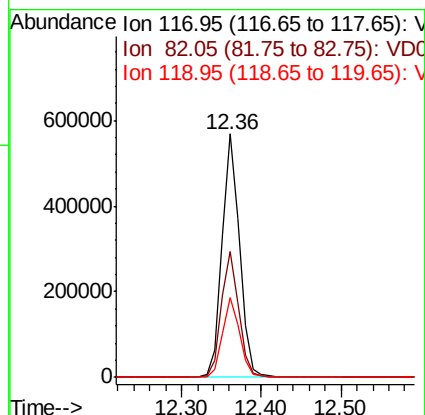
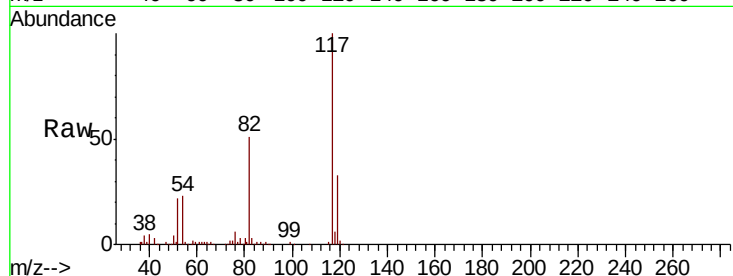




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

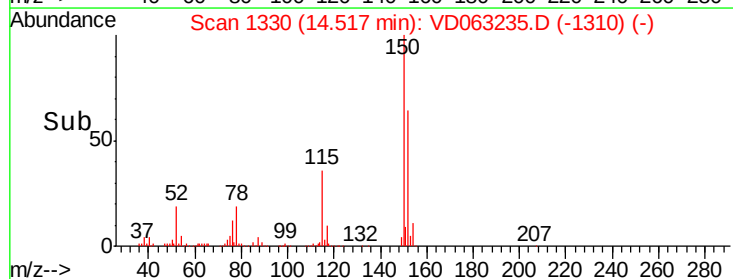
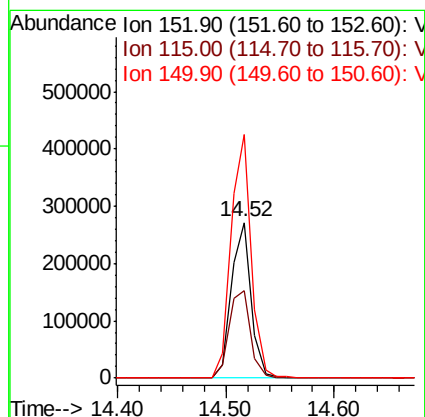
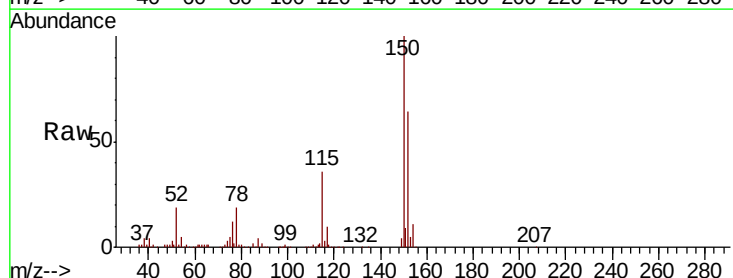
Instrument :
MSVOA_D
ClientSampleId :
OK-01-072919

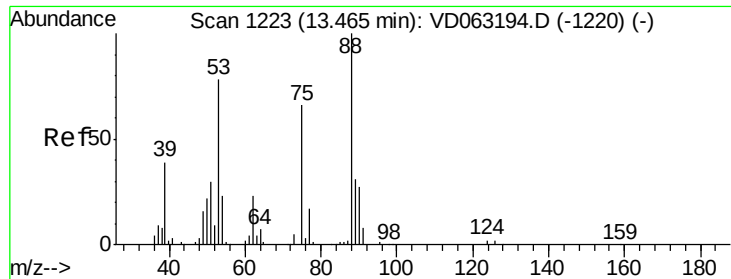
Tot Ion:117 Resp: 889087
Ion Ratio Lower Upper
117 100
82 51.5 40.1 60.1
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063235.D
Acq: 30 Jul 2019 12:16

Tgt Ion:152 Resp: 346674
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 156.8 0.0 320.6





#81

trans-1,4-Dichloro-2-butene

Concen: 135.305 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

OK-01-072919

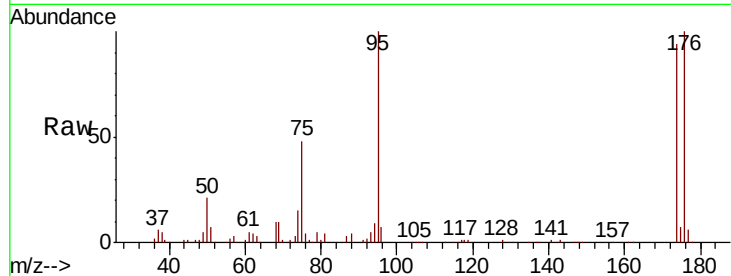
Tot Ion: 75 Resp: 156447

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

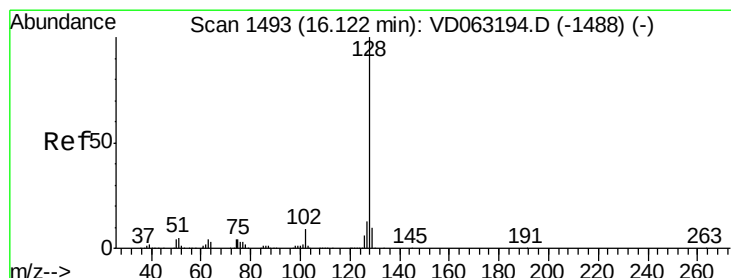
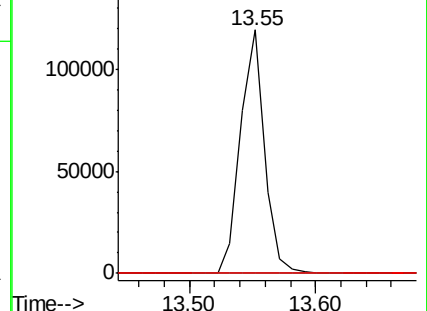
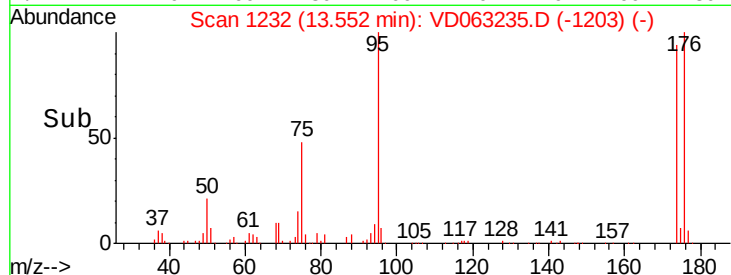
89 0.0 37.4 56.0#



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



#95

Naphthalene

Concen: 1.811 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063235.D

Acq: 30 Jul 2019 12:16

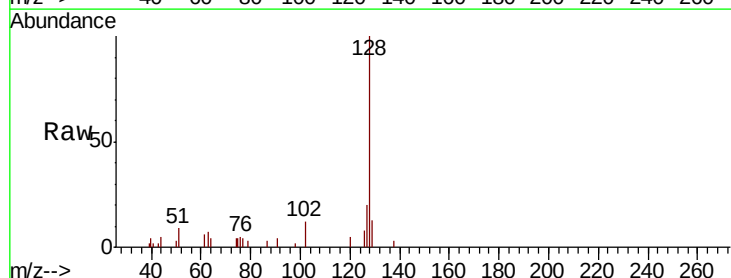
Tgt Ion:128 Resp: 19425

Ion Ratio Lower Upper

128 100

127 19.9 10.2 15.4#

129 12.9 7.8 11.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

