

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063063.D
 Acq On : 10 Jul 2019 17:37
 Operator : VA/AP
 Sample : K3726-05
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PIPE-1_070919

Quant Time: Jul 11 07:01:49 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

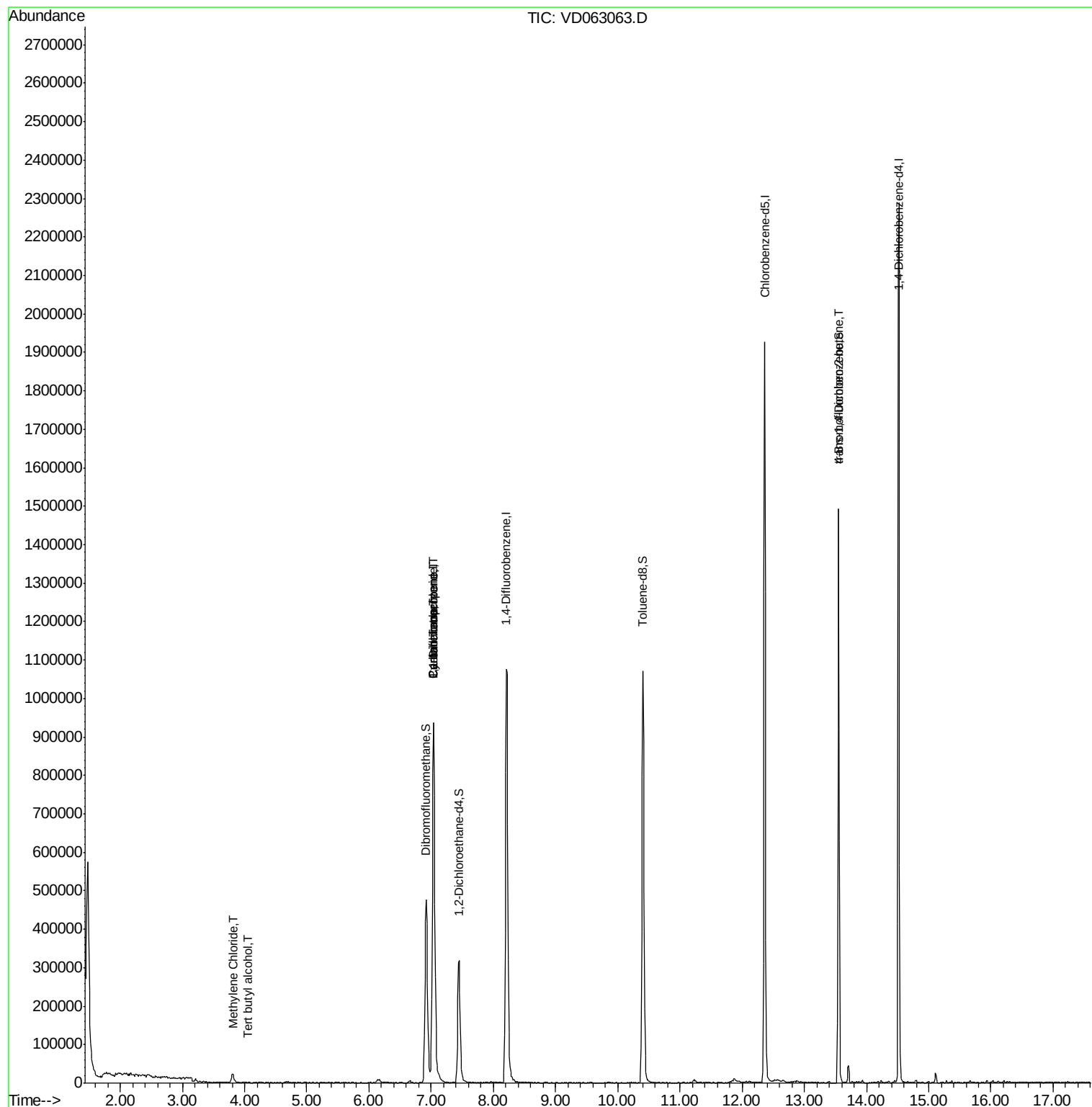
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	894971	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1229574	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1059732	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	540813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	382257	39.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.58%	
35) Dibromofluoromethane	6.92	113	416811	40.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.40%	
50) Toluene-d8	10.40	98	873671	38.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.44%	
62) 4-Bromofluorobenzene	13.55	95	395169	38.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.05	59	464	1.047	ug/l #	77
16) Acetone	3.21	43	11797	Below Cal	#	63
20) Methylene Chloride	3.81	84	14877	2.005	ug/l #	90
31) Cyclohexane	7.04	56	20561	2.251	ug/l #	7
36) 1,1-Dichloropropene	7.04	75	69210	5.946	ug/l #	52
37) Ethyl Acetate	6.20	43	250	Below Cal	#	69
38) Carbon Tetrachloride	7.04	117	89677	5.123	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	180576	110.358	ug/l #	2

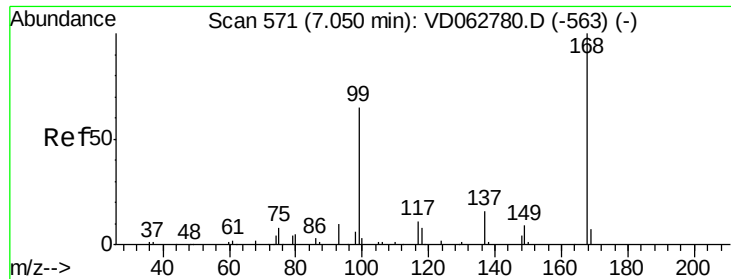
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071019\
Data File : VD063063.D
Acq On : 10 Jul 2019 17:37
Operator : VA/AP
Sample : K3726-05
Misc : 5.76g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PIPE-1_070919

Quant Time: Jul 11 07:01:49 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: VD063063.D

Acq: 10 Jul 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

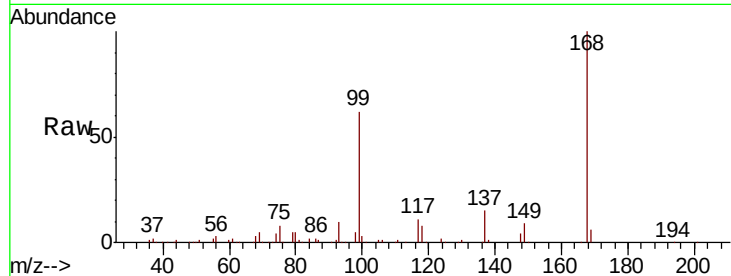
PIPE-1_070919

Tot Ion:168 Resp: 894971

Ion Ratio Lower Upper

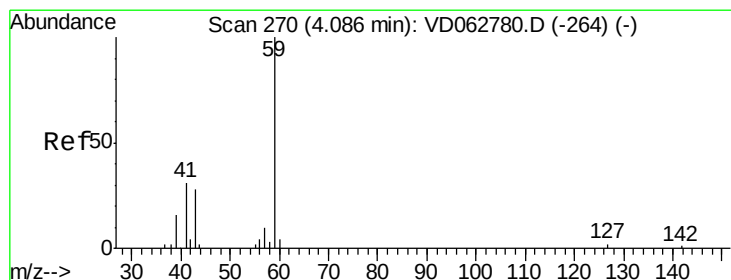
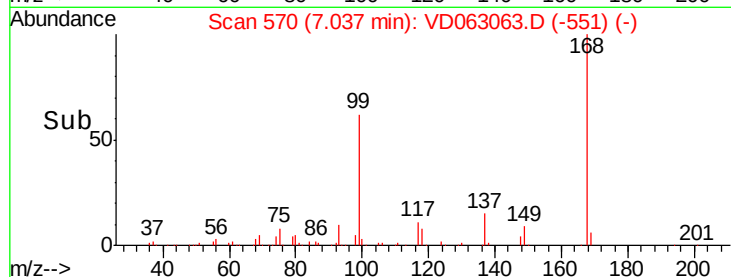
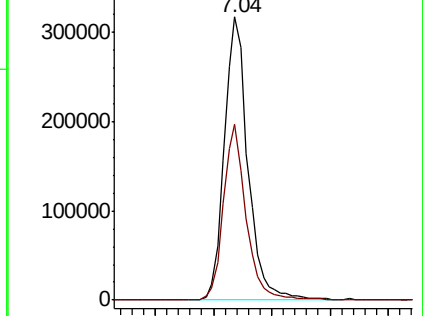
168 100

99 62.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.047 ug/l

RT: 4.05 min Scan# 267

Delta R.T. -0.03 min

Lab File: VD063063.D

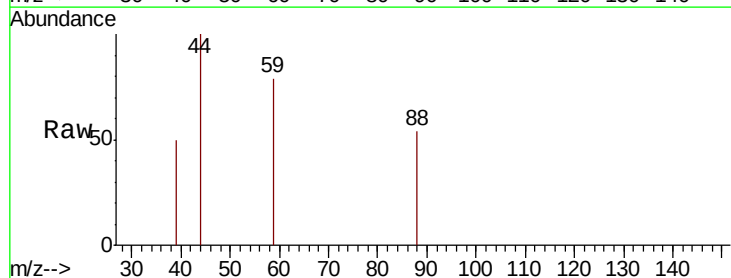
Acq: 10 Jul 2019 17:37

Tgt Ion: 59 Resp: 464

Ion Ratio Lower Upper

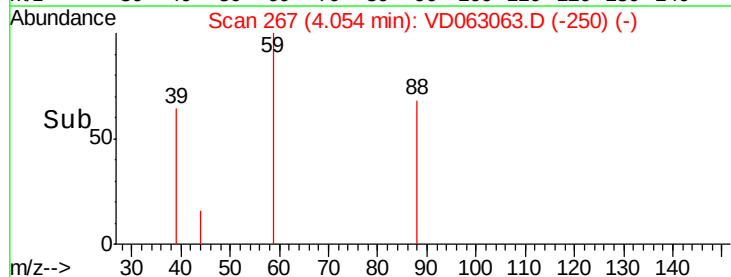
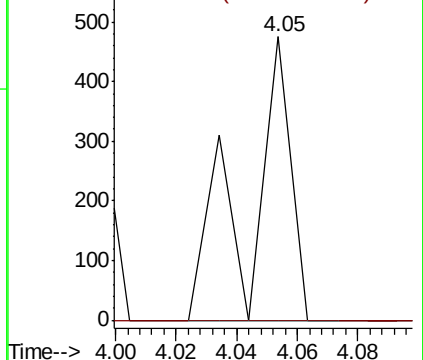
59 100

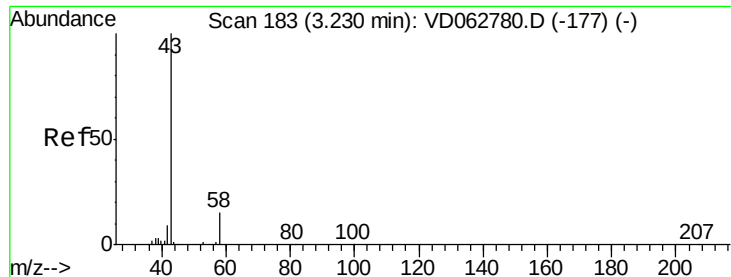
57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: Below Cal

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063063.D

Acq: 10 Jul 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

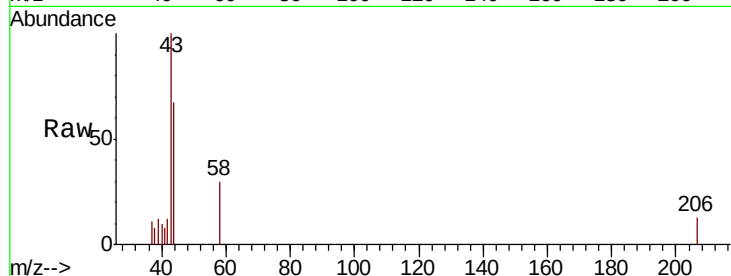
PIPE-1_070919

Tot Ion: 43 Resp: 11797

Ion Ratio Lower Upper

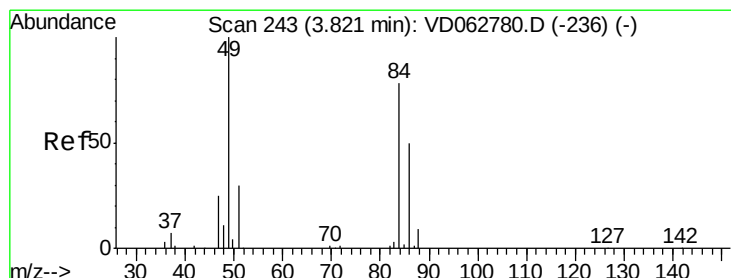
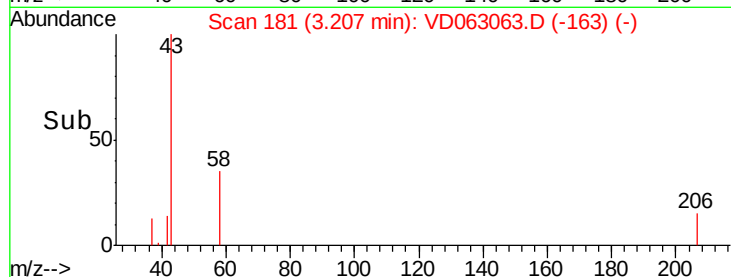
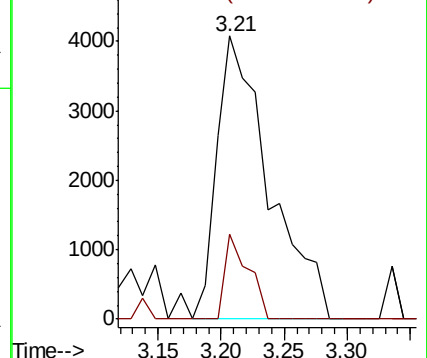
43 100

58 30.2 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 2.005 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063063.D

Acq: 10 Jul 2019 17:37

Tgt Ion: 84 Resp: 14877

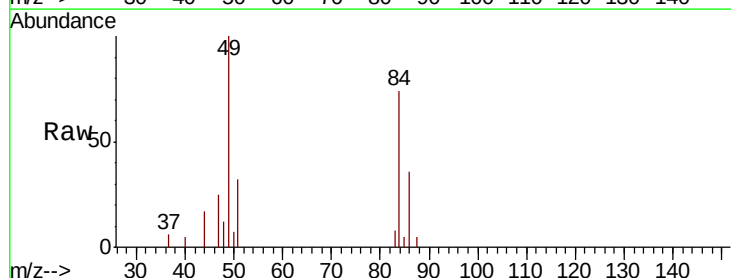
Ion Ratio Lower Upper

84 100

49 134.9 102.9 154.3

51 42.7 31.2 46.8

86 48.2 51.4 77.2#

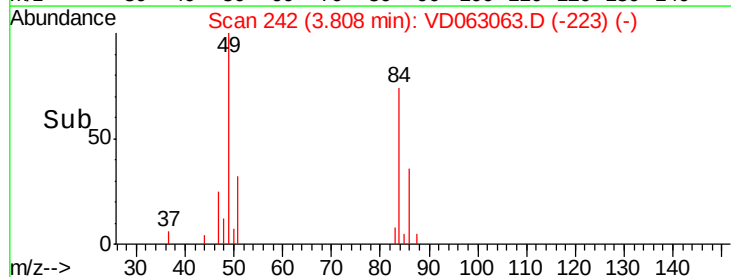
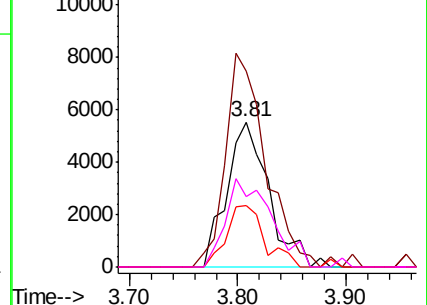


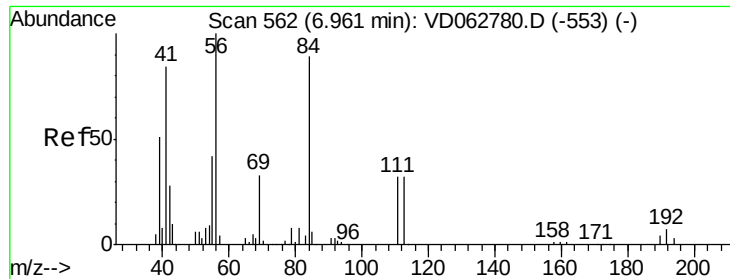
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

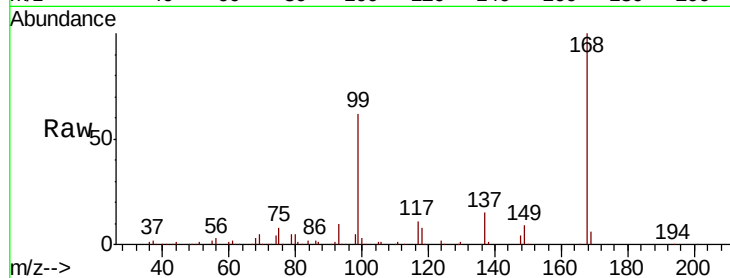




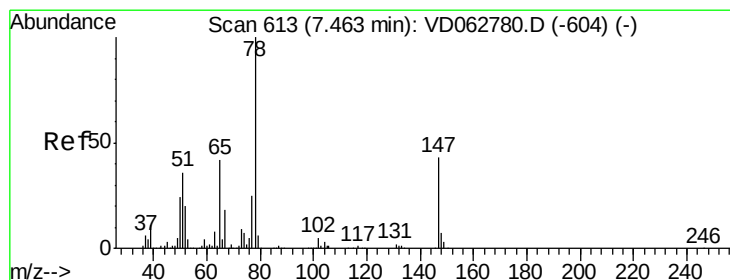
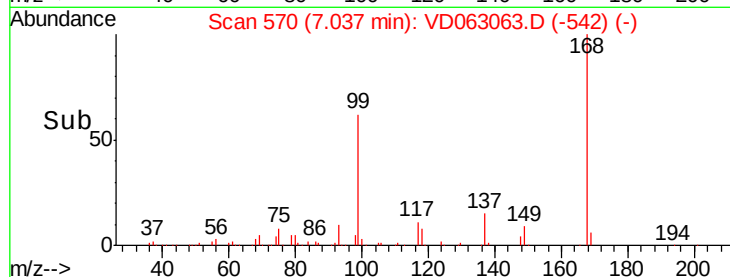
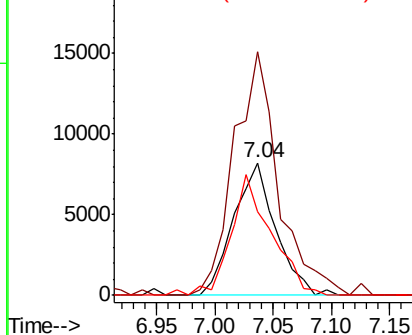
#31
Cyclohexane
Concen: 2.251 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
PIPE-1_070919

Tot Ion: 56 Resp: 20561
Ion Ratio Lower Upper
56 100
69 183.7 26.6 39.8#
84 62.9 75.5 113.3#

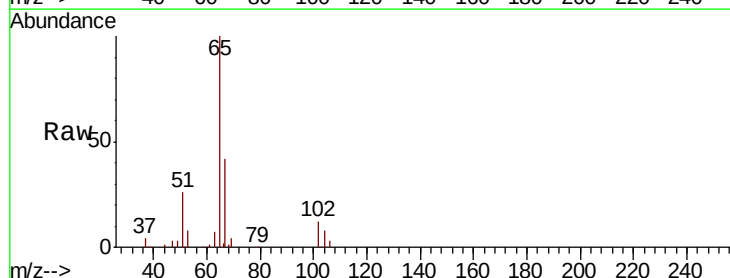


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

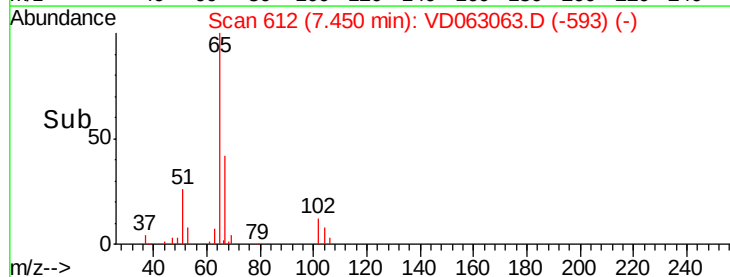
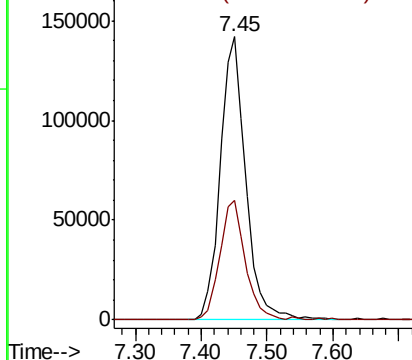


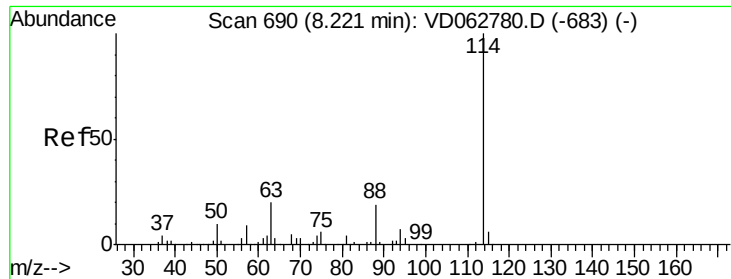
#33
1,2-Dichloroethane-d4
Concen: 39.294 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Tgt Ion: 65 Resp: 382257
Ion Ratio Lower Upper
65 100
67 42.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

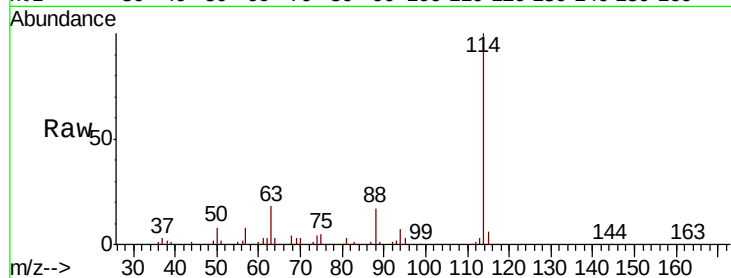




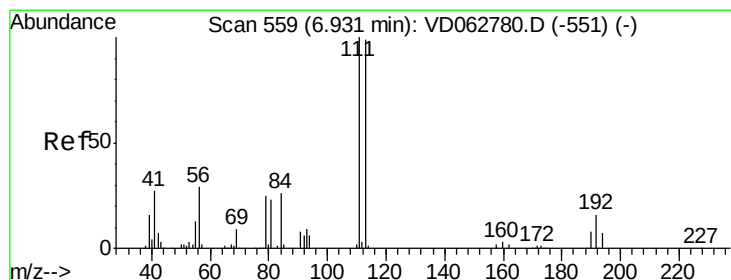
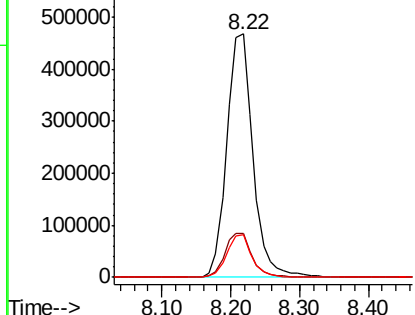
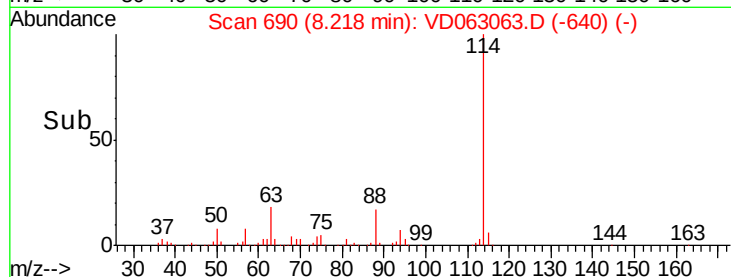
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

Instrument :
 MSVOA_D
 ClientSampleId :
 PIPE-1_070919

Tot Ion:114 Resp: 1229574
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 40.0
 88 17.5 0.0 38.8

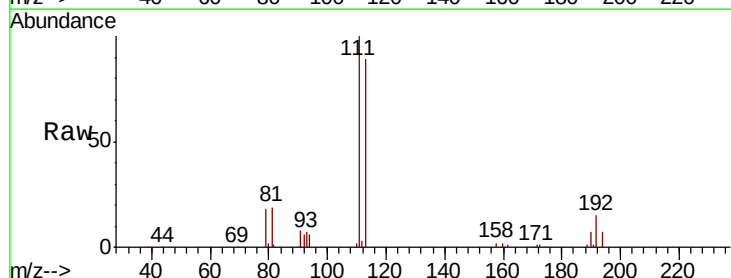


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

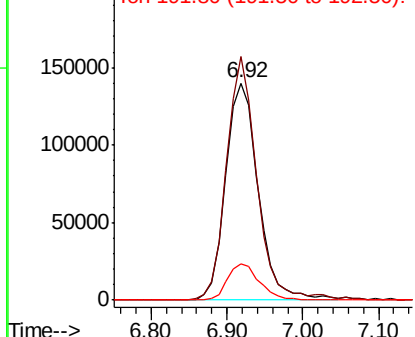
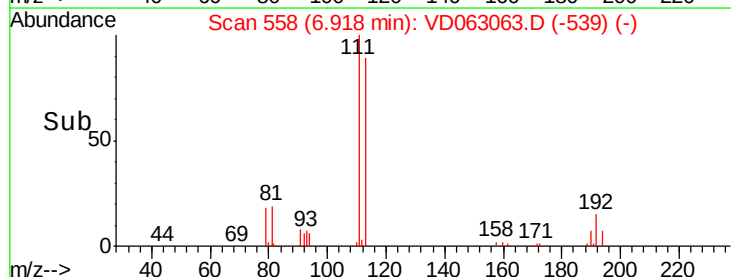


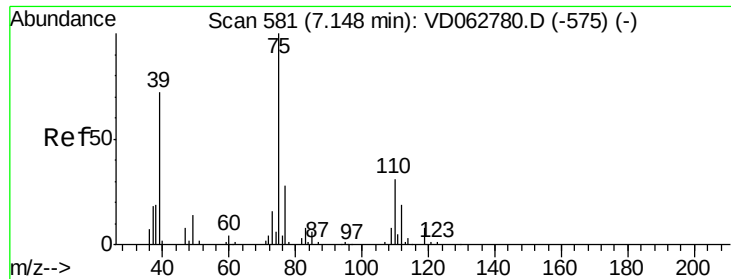
#35
 Dibromofluoromethane
 Concen: 40.203 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

Tgt Ion:113 Resp: 416811
 Ion Ratio Lower Upper
 113 100
 111 112.2 81.2 121.8
 192 16.8 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

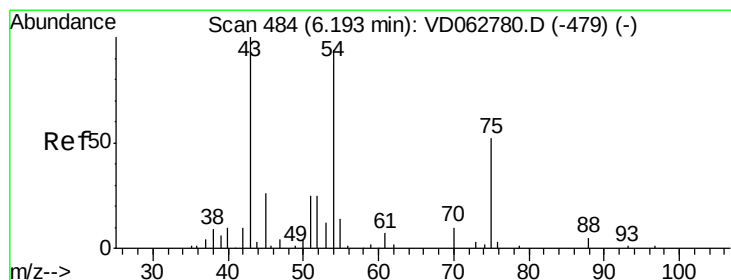
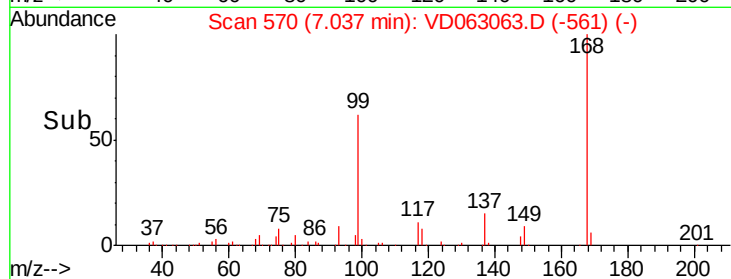
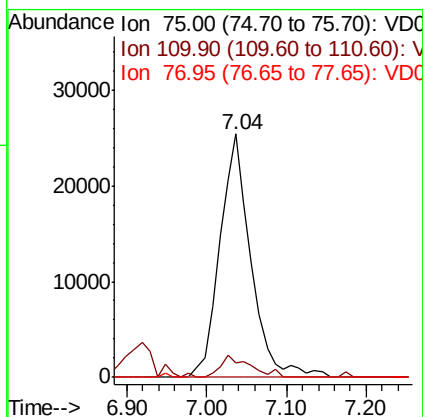
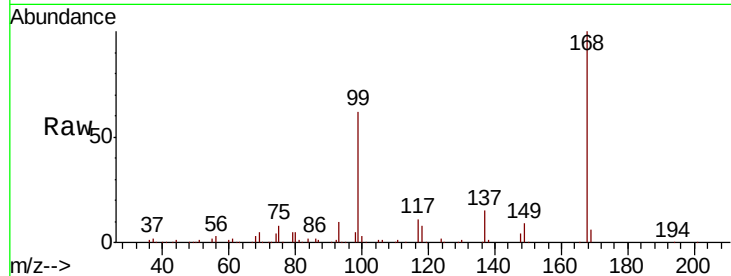




#36
 1,1-Dichloropropene
 Concen: 5.946 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

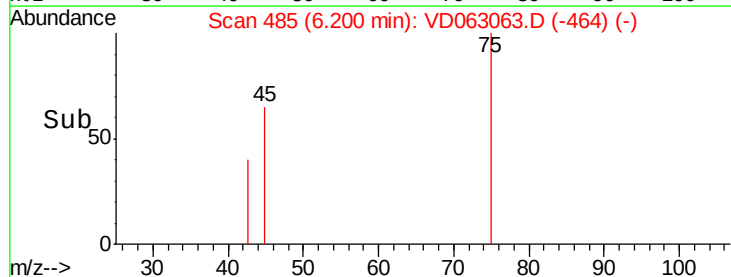
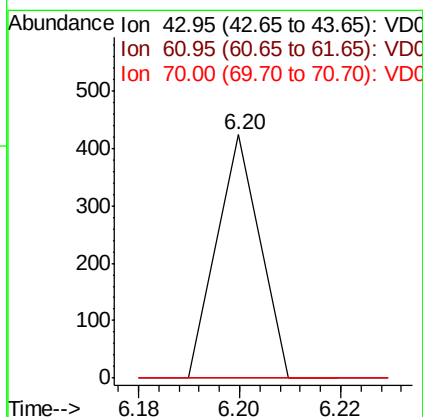
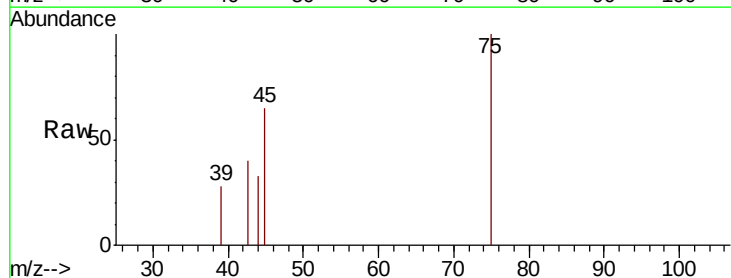
Instrument :
 MSVOA_D
 ClientSampleId :
 PIPE-1_070919

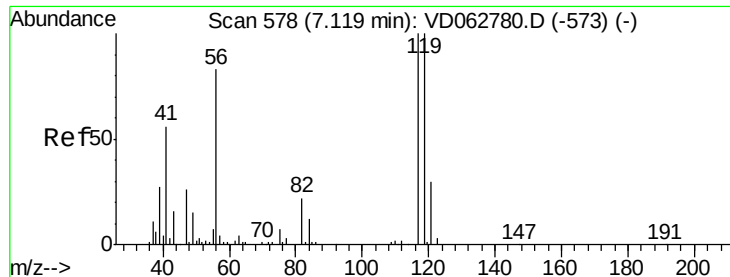
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.0	15.0	45.1#
77	0.0	22.2	33.2#



#37
 Ethyl Acetate
 Concen: Below Cal
 RT: 6.20 min Scan# 485
 Delta R.T. 0.01 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	6.4	9.6#





#38

Carbon Tetrachloride

Concen: 5.123 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD063063.D

Acq: 10 Jul 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

PIPE-1_070919

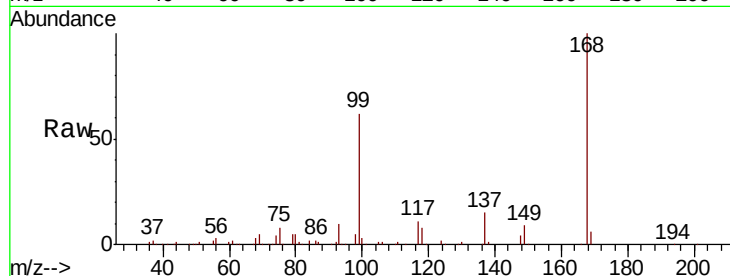
Tot Ion:117 Resp: 89677

Ion Ratio Lower Upper

117 100

119 3.7 75.4 113.2#

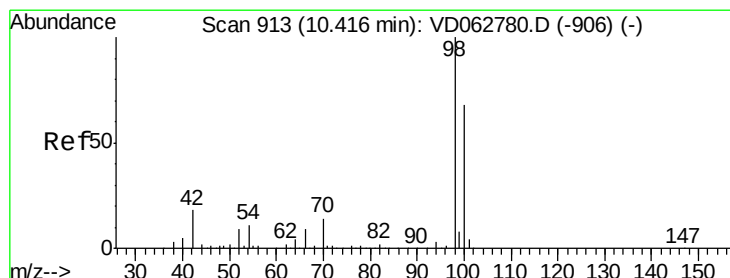
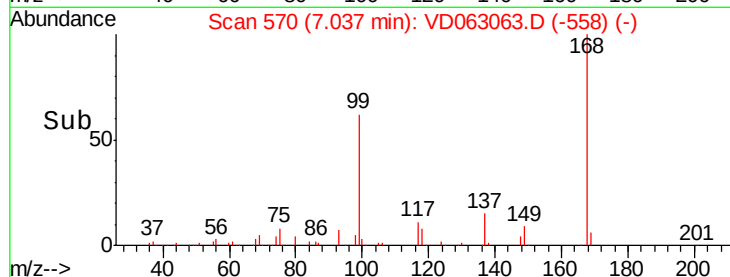
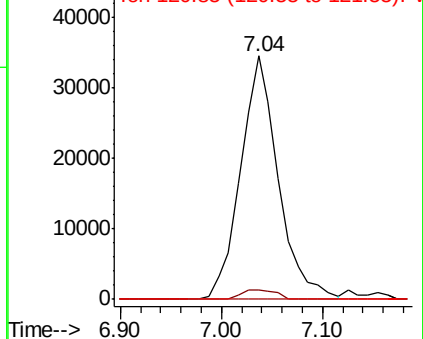
121 0.0 22.3 33.5#



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: 38.718 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063063.D

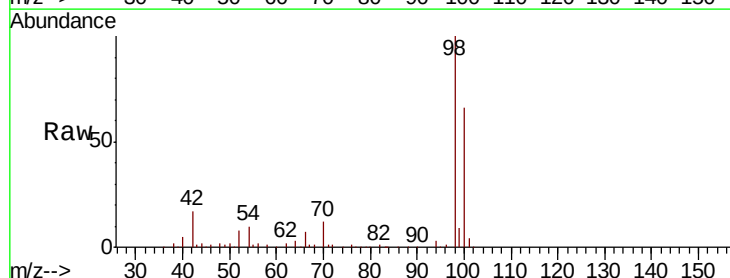
Acq: 10 Jul 2019 17:37

Tgt Ion: 98 Resp: 873671

Ion Ratio Lower Upper

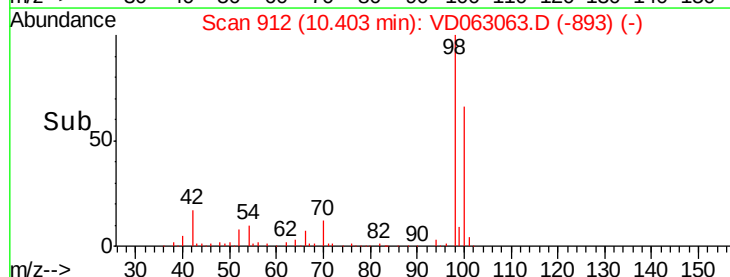
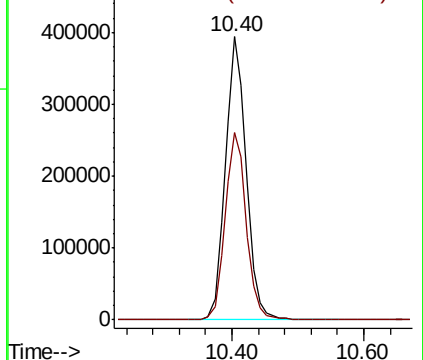
98 100

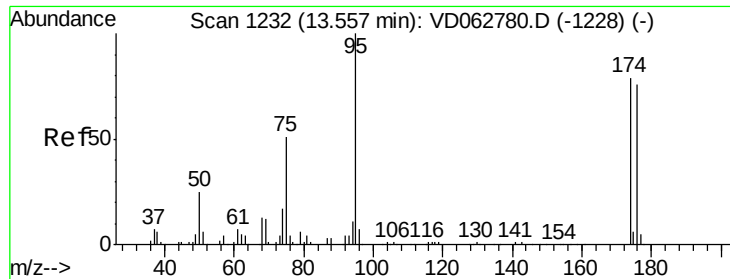
100 66.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

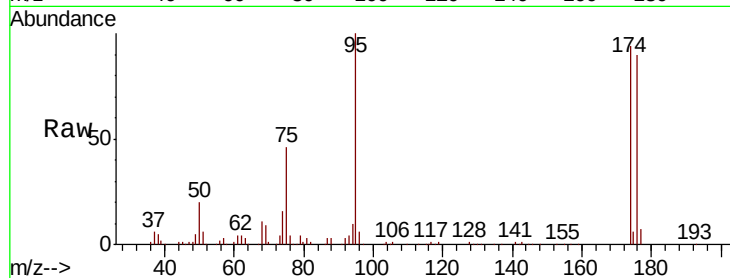




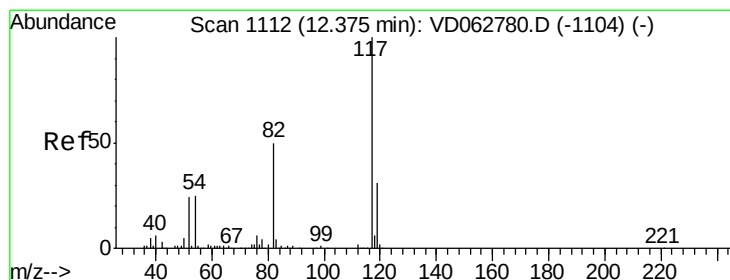
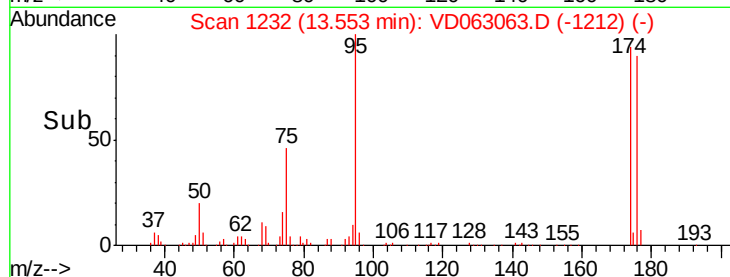
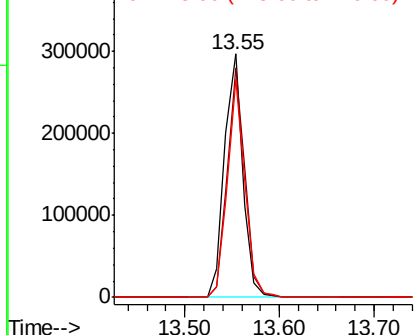
#62
4-Bromofluorobenzene
Concen: 38.514 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
PIPE-1_070919

Tot Ion: 95 Resp: 395169
Ion Ratio Lower Upper
95 100
174 94.5 0.0 158.0
176 89.7 0.0 151.6

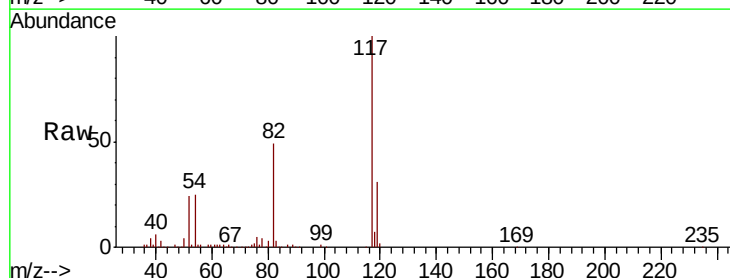


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

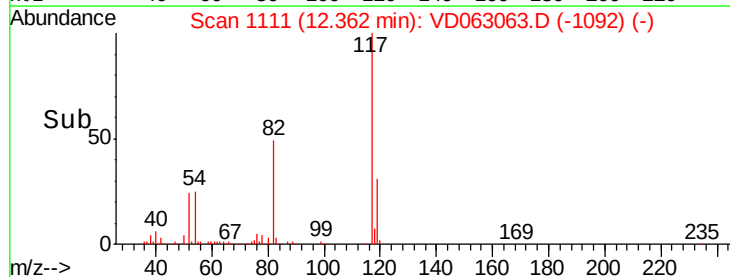
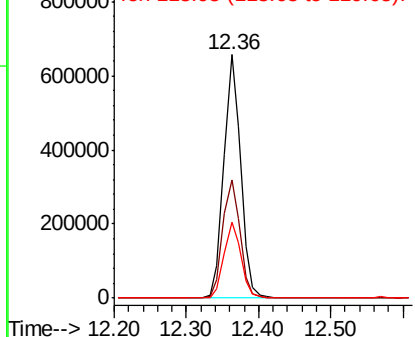


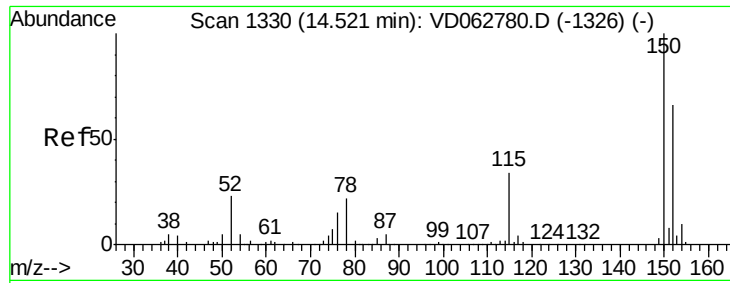
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Tgt Ion: 117 Resp: 1059732
Ion Ratio Lower Upper
117 100
82 48.5 40.4 60.6
119 30.9 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

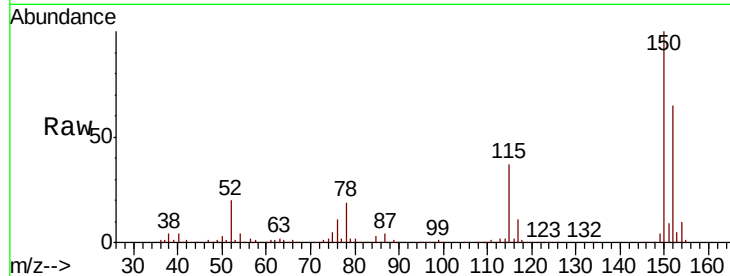




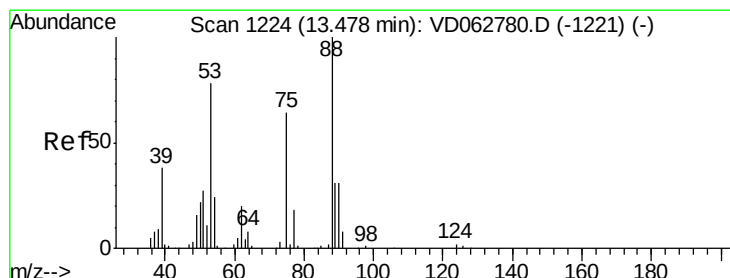
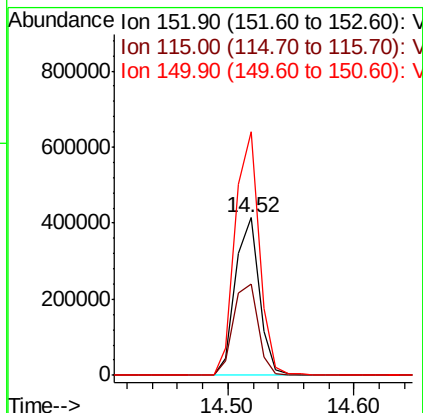
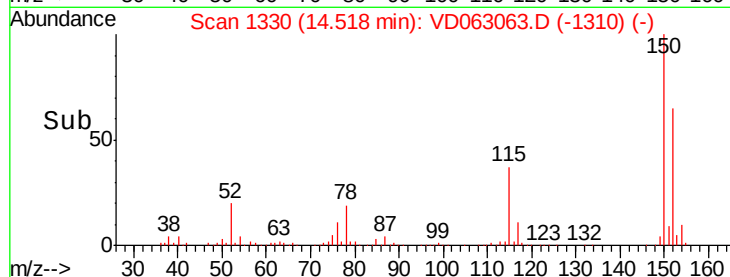
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

Instrument :
 MSVOA_D
 ClientSampleId :
 PIPE-1_070919

Tot Ion:152 Resp: 540813
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.2 87.6
 150 154.7 0.0 305.8

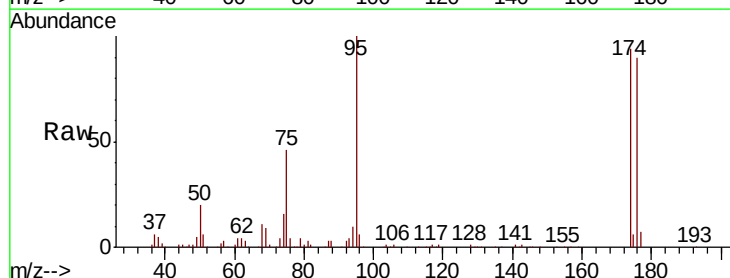


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.358 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD063063.D
 Acq: 10 Jul 2019 17:37

Tgt Ion: 75 Resp: 180576
 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

