

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062818.D
 Acq On : 21 Jun 2019 16:04
 Operator : VA/AP
 Sample : K3482-01
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jun 22 04:13:59 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

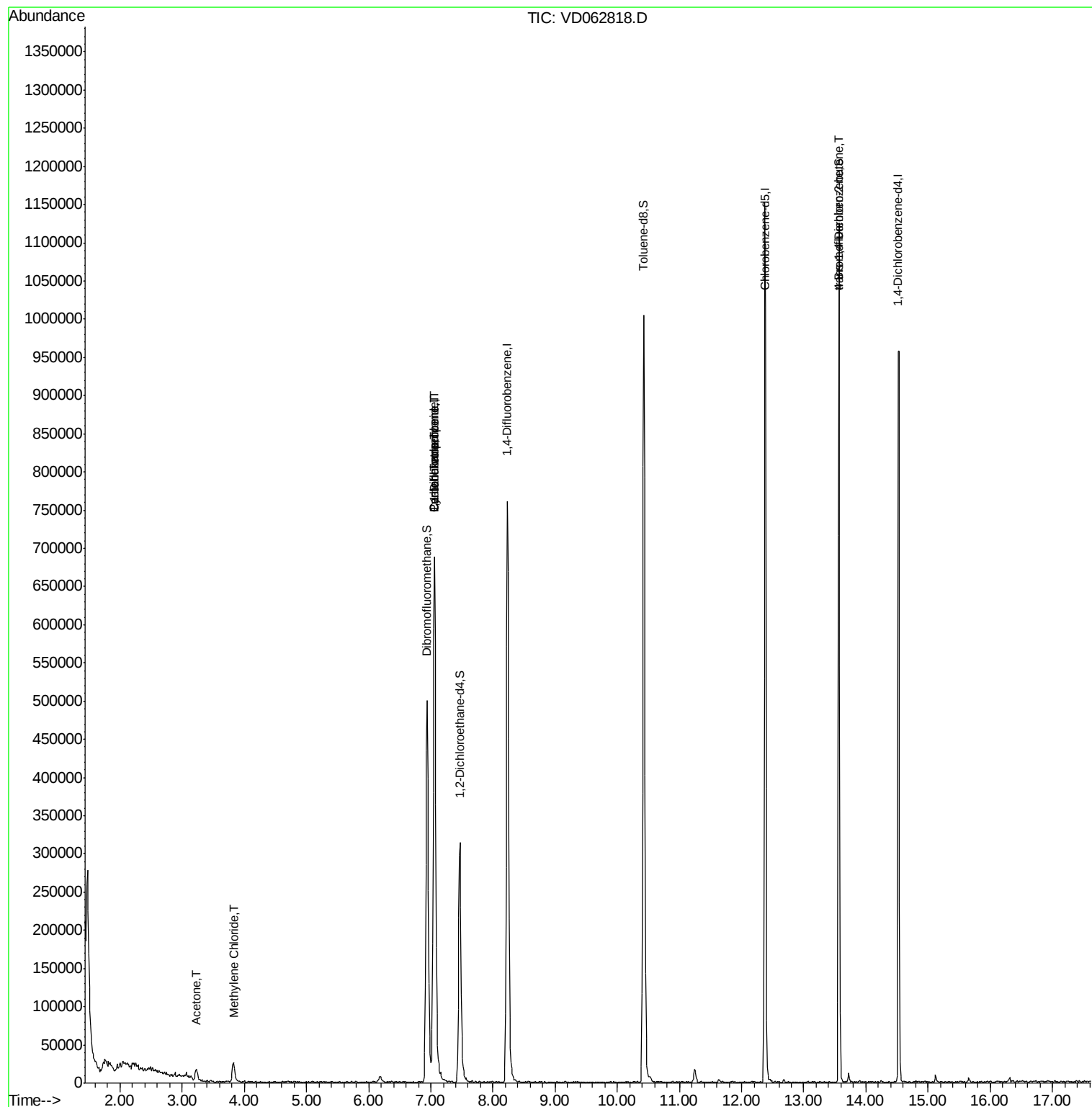
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	631178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	798045	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	609250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	233199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	365385	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	6.94	113	421782	62.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.36%	
50) Toluene-d8	10.43	98	796153	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	13.57	95	297850	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	31171	15.852	ug/l	93
20) Methylene Chloride	3.83	84	16275	3.110	ug/l #	84
31) Cyclohexane	7.05	56	13550	2.103	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	51121	6.767	ug/l #	55
37) Ethyl Acetate	6.18	43	177	Below Cal	#	69
38) Carbon Tetrachloride	7.06	117	66406	5.845	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.57	75	146367	207.447	ug/l #	2

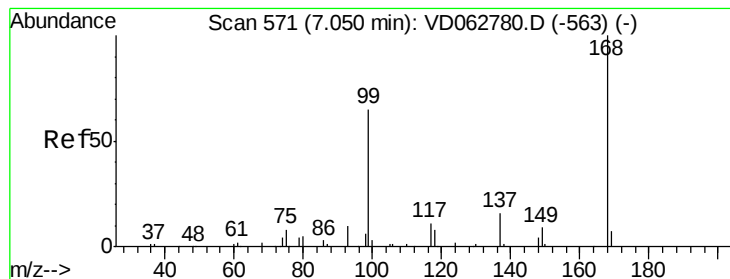
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

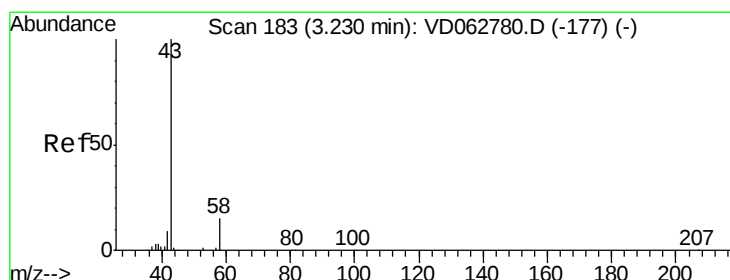
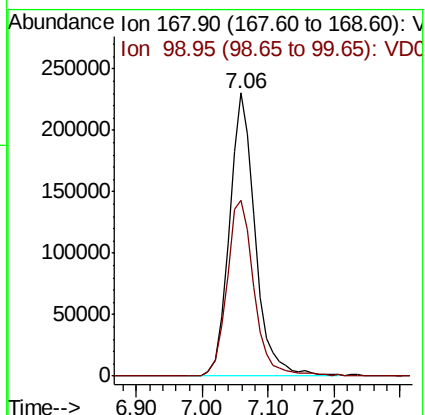
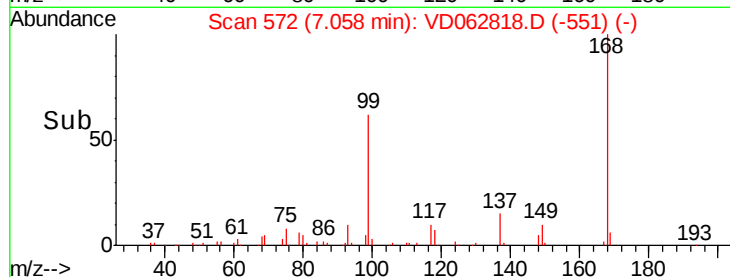
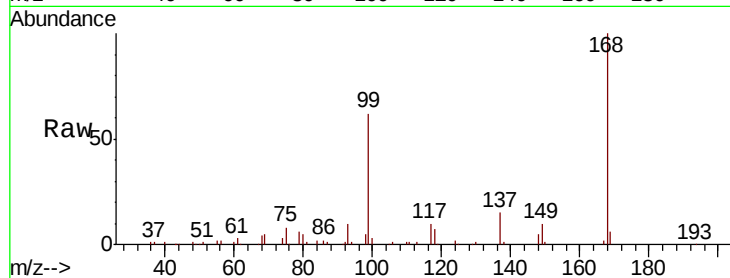
TP-1

Tot Ion:168 Resp: 631178

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



#16

Acetone

Concen: 15.852 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062818.D

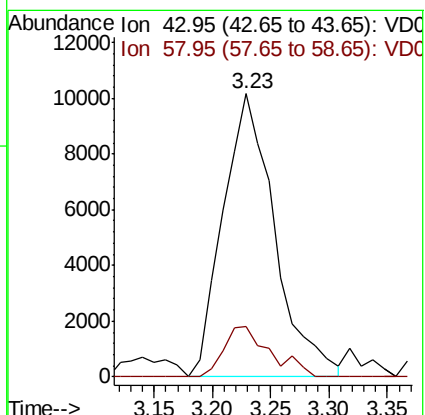
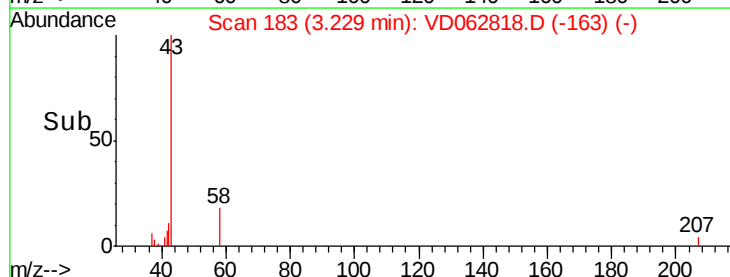
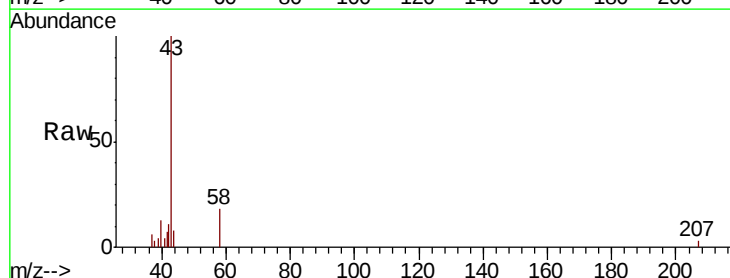
Acq: 21 Jun 2019 16:04

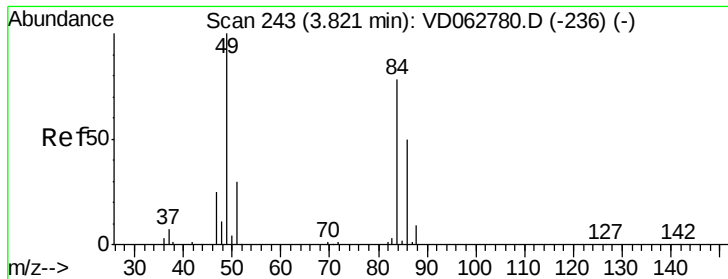
Tgt Ion: 43 Resp: 31171

Ion Ratio Lower Upper

43 100

58 17.8 11.9 17.9

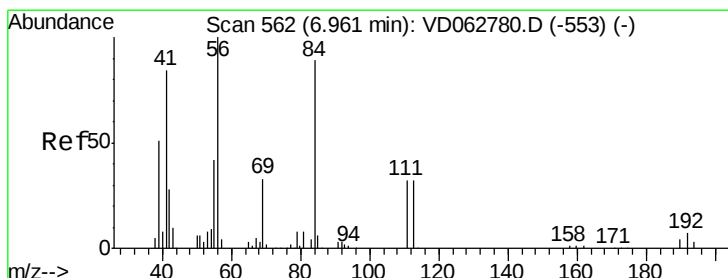
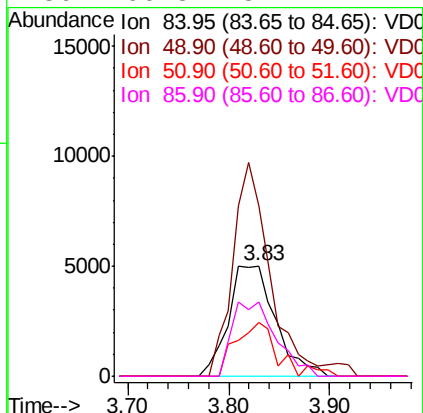
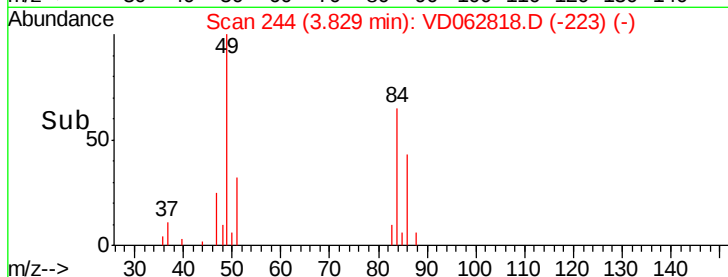
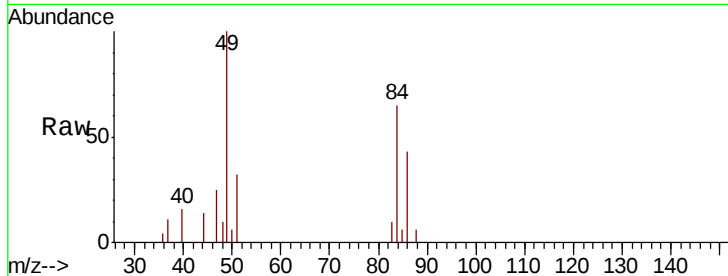




#20
Methvlene Chloride
Concen: 3.110 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

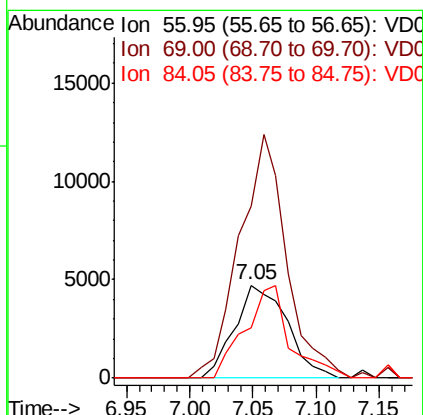
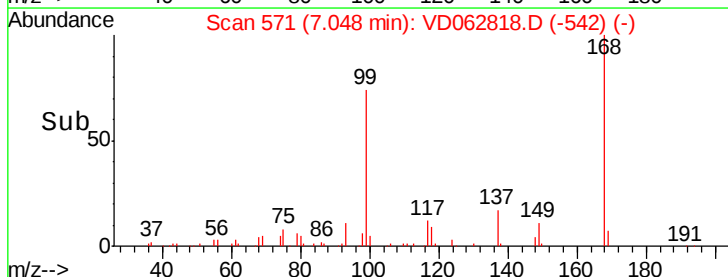
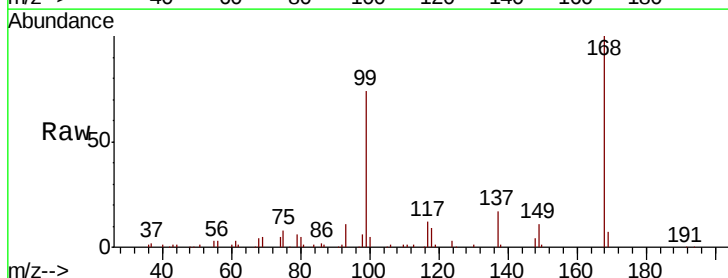
Instrument :
MSVOA_D
ClientSampled :
TP-1

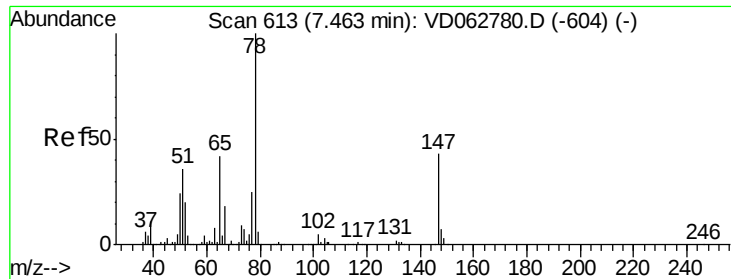
Tot Ion: 84 Resp: 16275
Ion Ratio Lower Upper
84 100
49 154.3 102.9 154.3#
51 49.2 31.2 46.8#
86 66.8 51.4 77.2



#31
Cyclohexane
Concen: 2.103 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

Tgt Ion: 56 Resp: 13550
Ion Ratio Lower Upper
56 100
69 185.5 26.6 39.8#
84 54.1 75.5 113.3#





#33

1,2-Dichloroethane-d4

Concen: 53.257 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

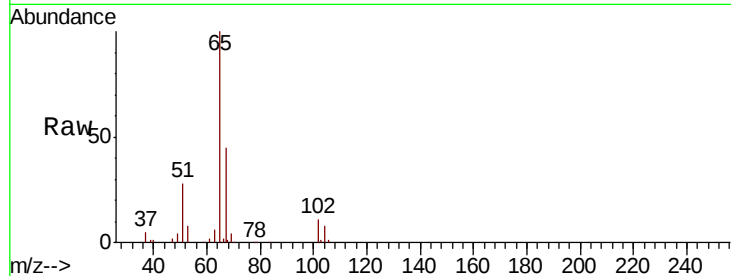
TP-1

Tot Ion: 65 Resp: 365385

Ion Ratio Lower Upper

65 100

67 44.5 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

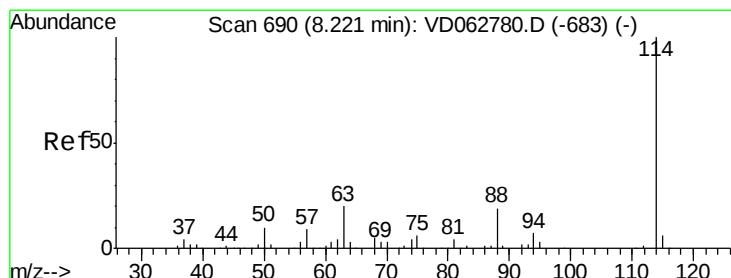
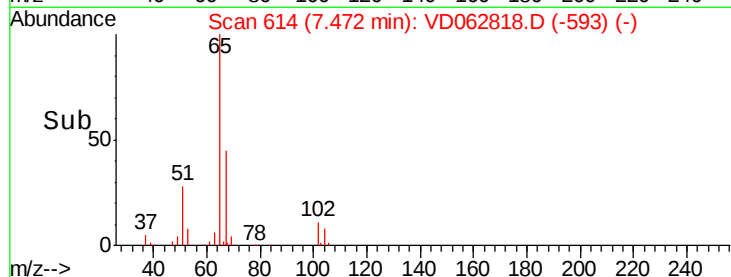
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

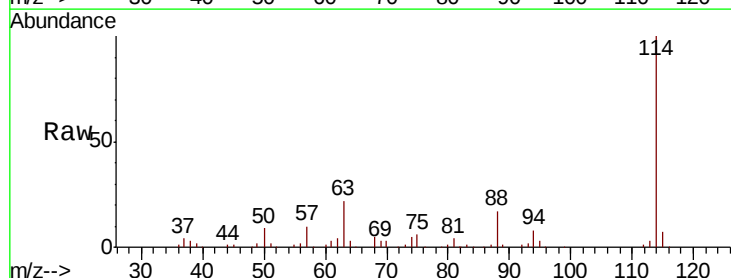
Tgt Ion: 114 Resp: 798045

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.7 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.23

400000

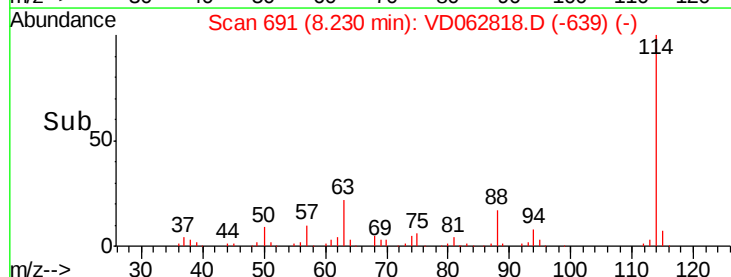
300000

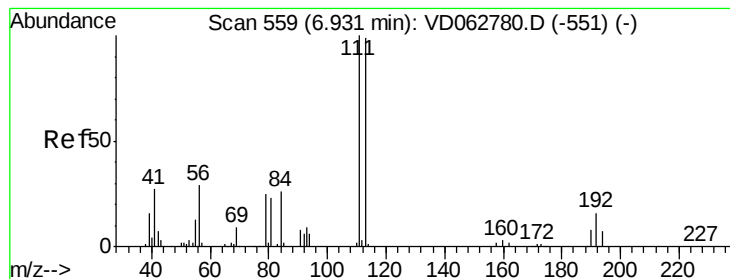
200000

100000

0

Time--> 8.20 8.40





#35

Dibromofluoromethane

Concen: 62.680 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

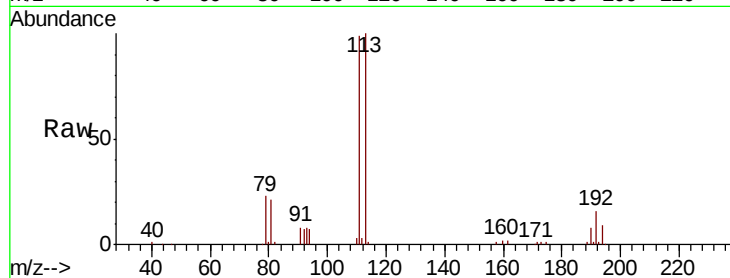
Tot Ion:113 Resp: 421782

Ion Ratio Lower Upper

113 100

111 98.9 81.2 121.8

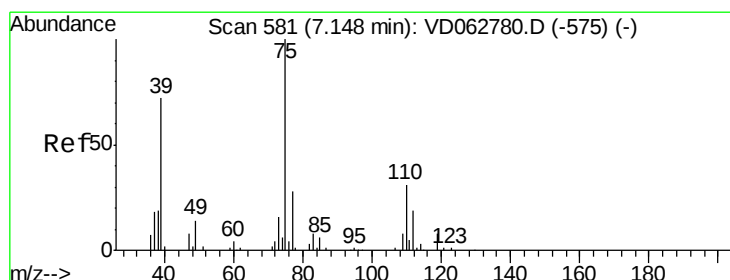
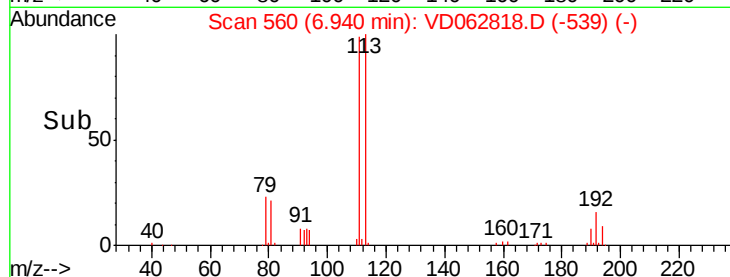
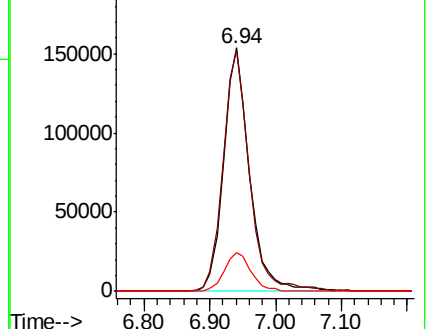
192 15.8 12.9 19.3



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: 6.767 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.09 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

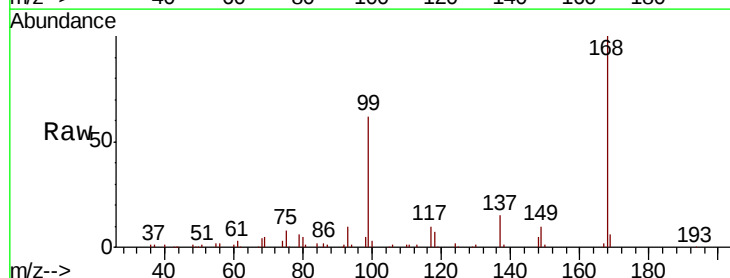
Tgt Ion: 75 Resp: 51121

Ion Ratio Lower Upper

75 100

110 9.3 15.0 45.1#

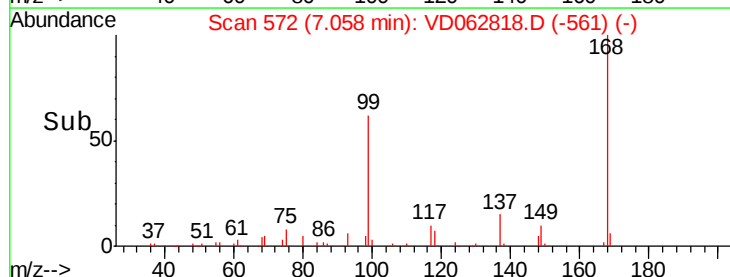
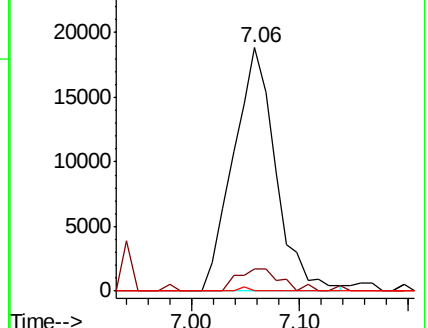
77 0.0 22.2 33.2#

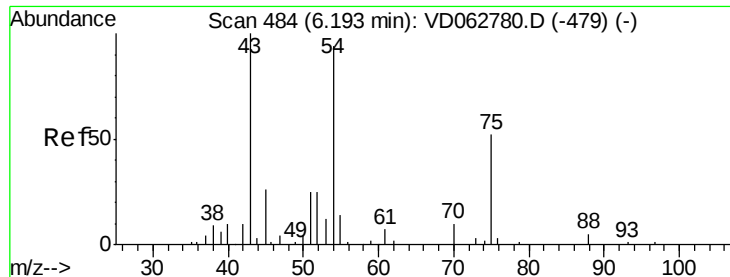


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

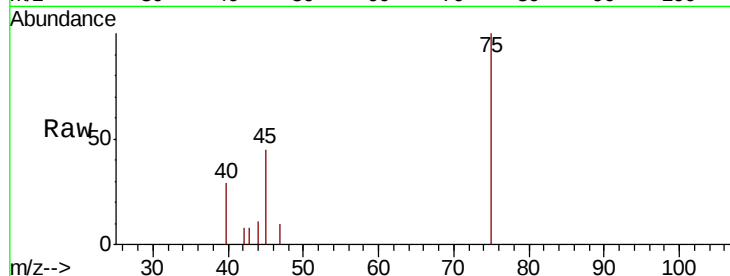




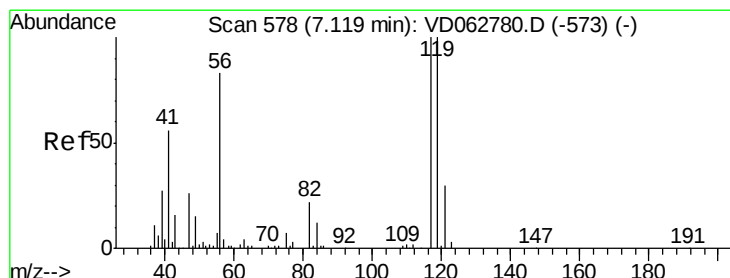
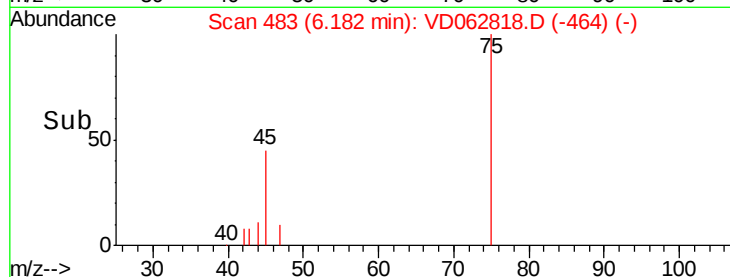
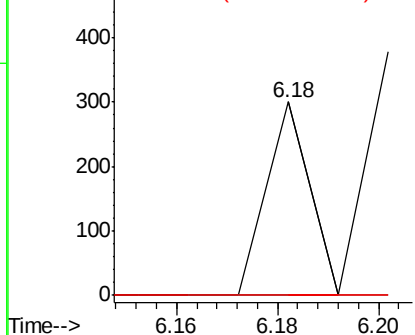
#37
Ethyl Acetate
Concen: Below Cal
RT: 6.18 min Scan# 483
Delta R.T. -0.01 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

Instrument :
MSVOA_D
ClientSampleID :
TP-1

Tot Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 6.4 9.6#

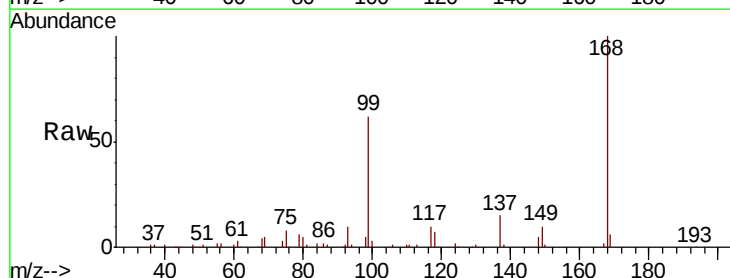


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

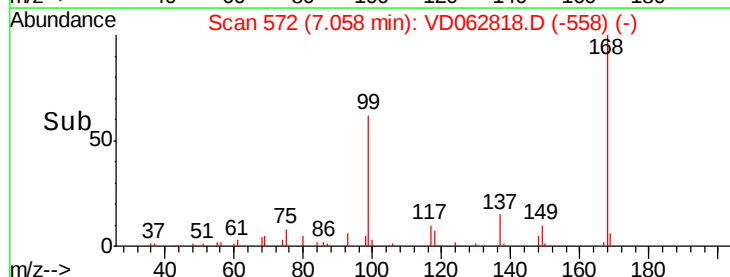
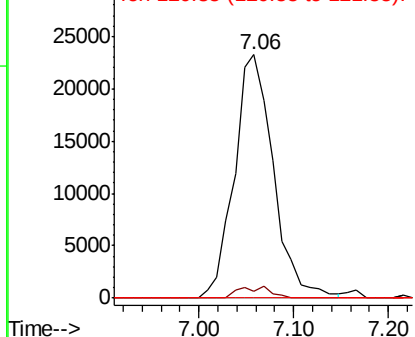


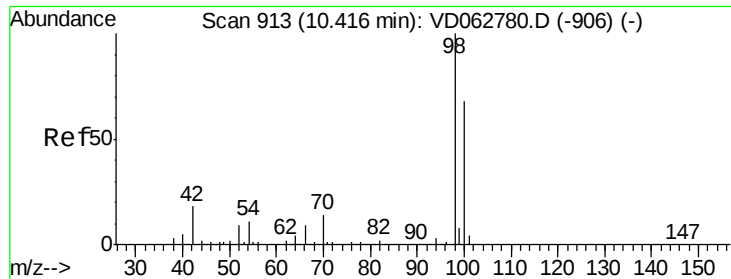
#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

Tgt Ion: 117 Resp: 66406
Ion Ratio Lower Upper
117 100
119 2.7 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

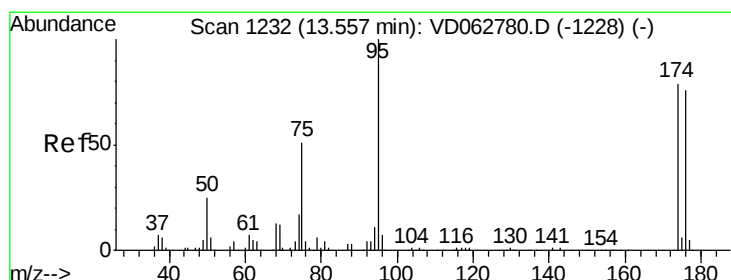
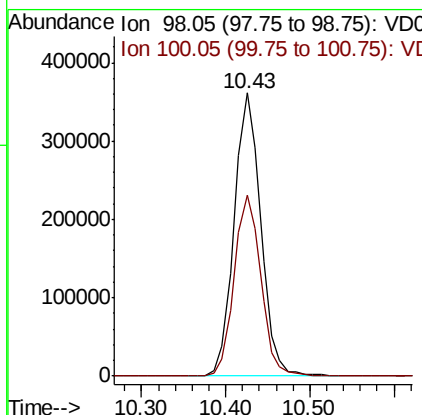
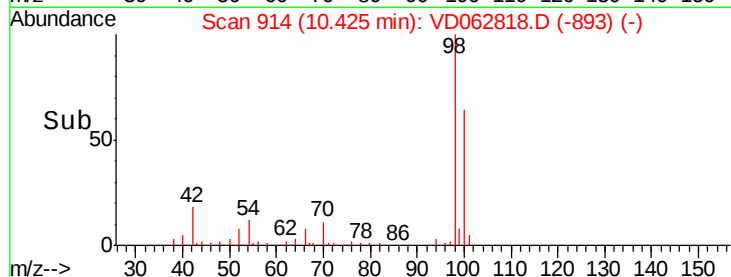
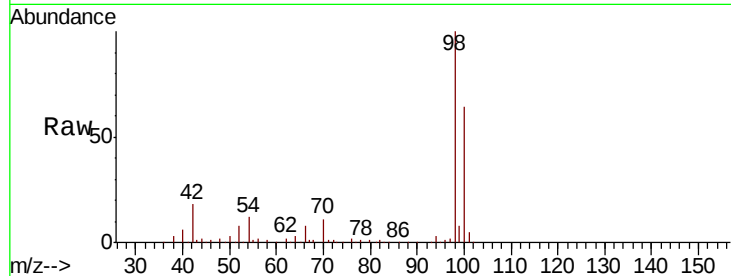




#50
Toluene-d8
Concen: 54.361 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

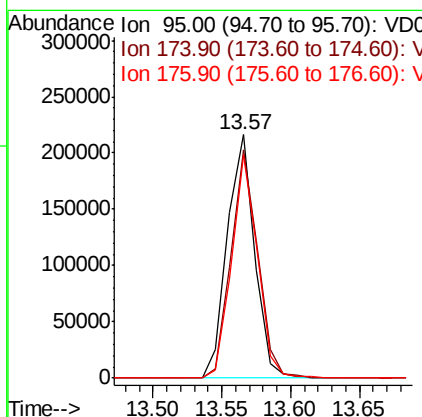
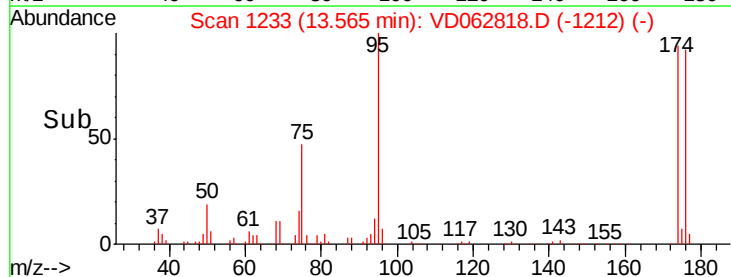
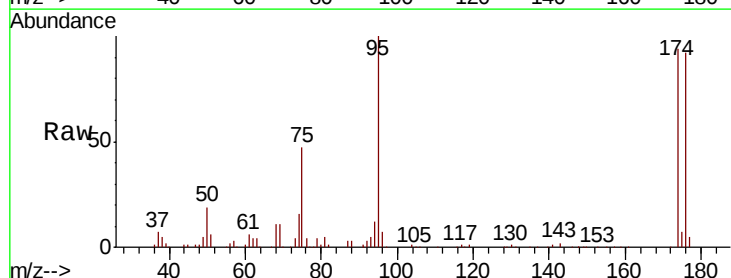
Instrument :
MSVOA_D
ClientSampleId :
TP-1

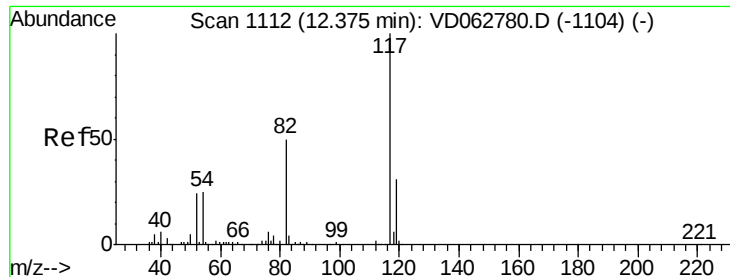
Tot Ion: 98 Resp: 796153
Ion Ratio Lower Upper
98 100
100 64.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 44.726 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

Tgt Ion: 95 Resp: 297850
Ion Ratio Lower Upper
95 100
174 93.9 0.0 158.0
176 91.9 0.0 151.6

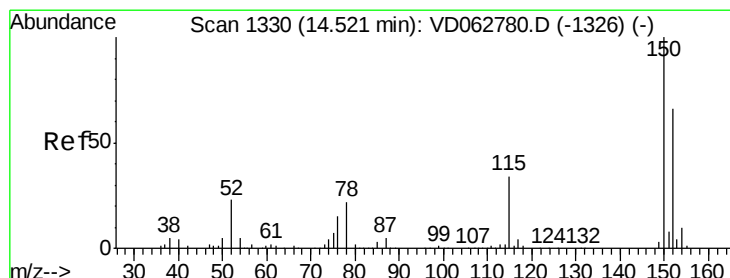
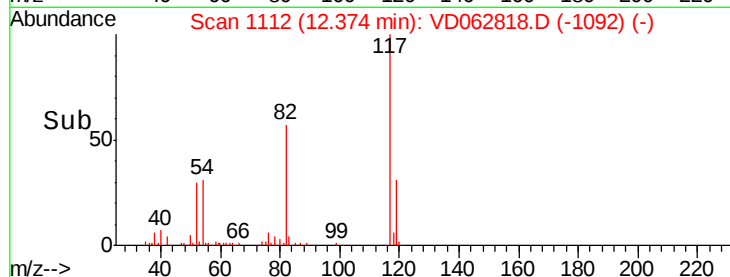
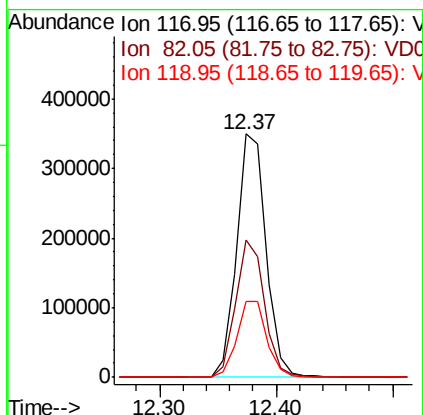
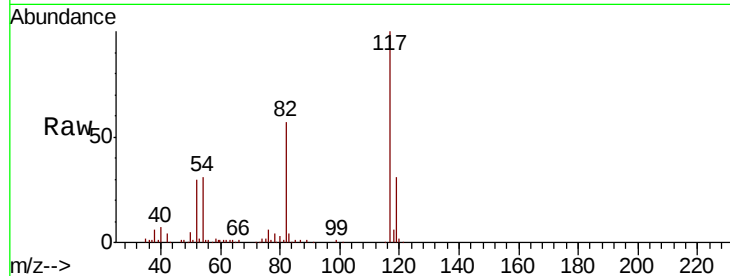




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

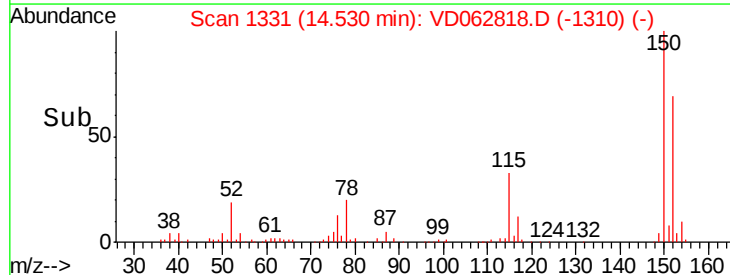
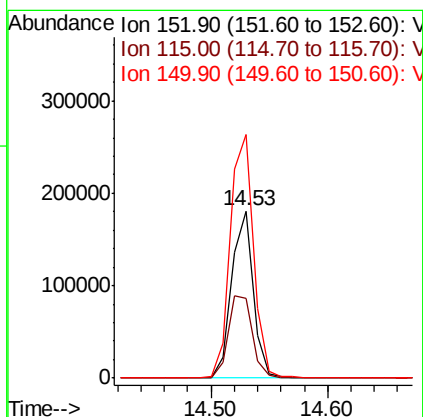
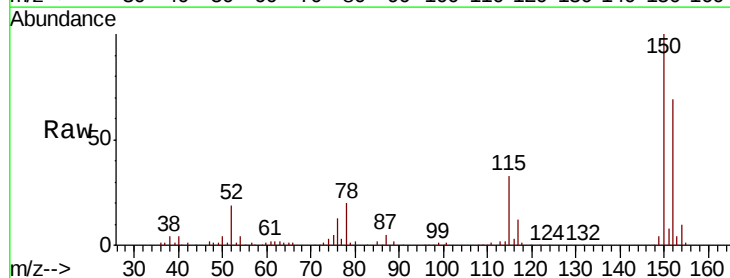
Instrument :
MSVOA_D
ClientSampleId :
TP-1

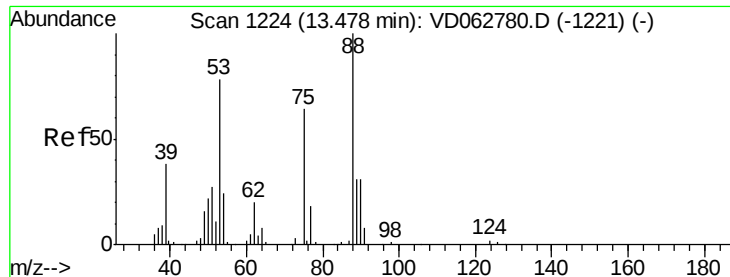
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.4	60.6
119	31.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062818.D
Acq: 21 Jun 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	47.9	29.2	87.6
150	145.7	0.0	305.8





#81

trans-1,4-Dichloro-2-butene

Concen: 207.447 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062818.D

Acq: 21 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

TP-1

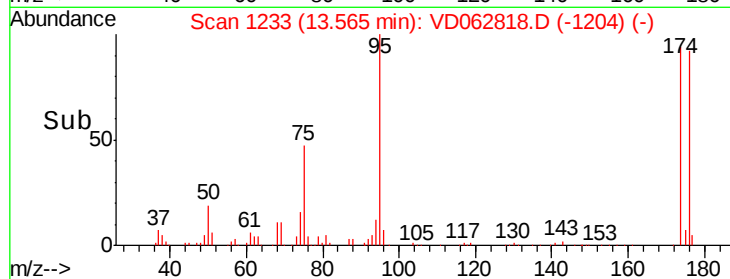
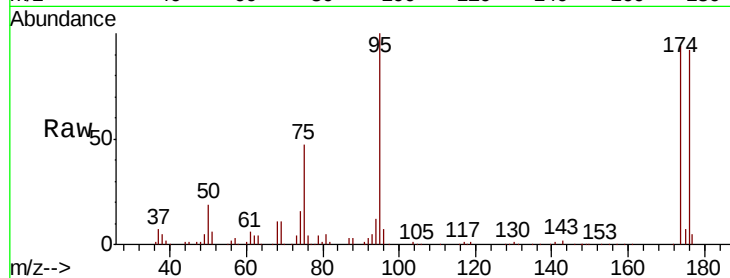
Tot Ion: 75 Resp: 146367

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

