

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063060.D
 Acq On : 10 Jul 2019 16:16
 Operator : VA/AP
 Sample : K3726-01
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-1 070919

Quant Time: Jul 11 07:01:10 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	1010225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1405349	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1162170	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	629703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	415427	37.83	ug/l	-0.01
Spiked Amount						
			Recovery	=	75.66%	
35) Dibromofluoromethane	6.92	113	483056	40.76	ug/l	-0.01
Spiked Amount						
			Recovery	=	81.52%	
50) Toluene-d8	10.40	98	1030916	39.97	ug/l	-0.01
Spiked Amount						
			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	13.55	95	432765	36.90	ug/l	0.00
Spiked Amount						
			Recovery	=	73.80%	

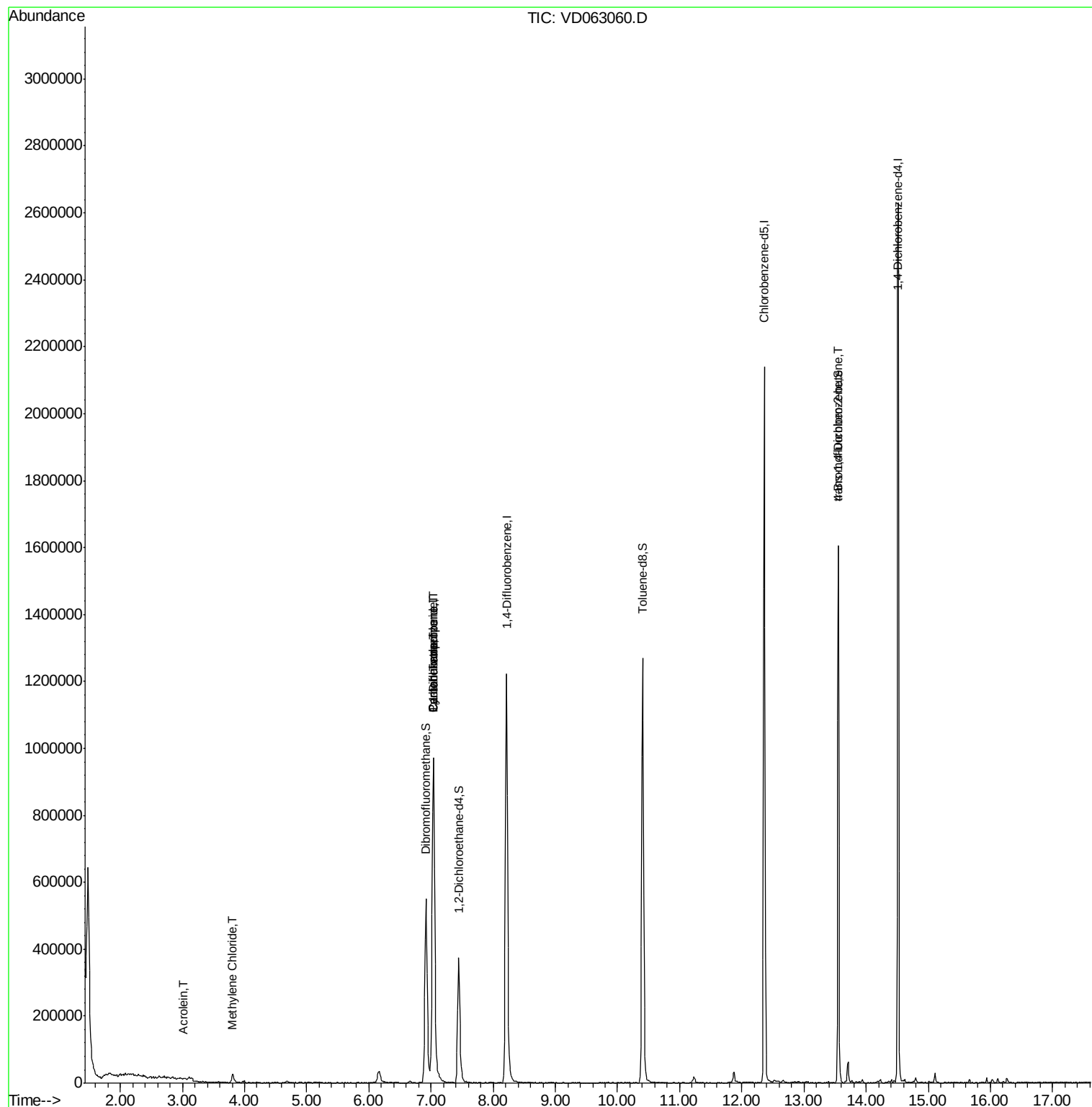
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.02	56	588	1.152	ug/l #	1
16) Acetone	3.21	43	3528	Below Cal	#	64
20) Methylene Chloride	3.81	84	15016	1.793	ug/l	93
31) Cyclohexane	7.05	56	20842	2.021	ug/l #	6
36) 1,1-Dichloropropene	7.04	75	77840	5.851	ug/l #	53
37) Ethyl Acetate	6.16	43	2135	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	96012	4.799	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	195426	102.574	ug/l #	2

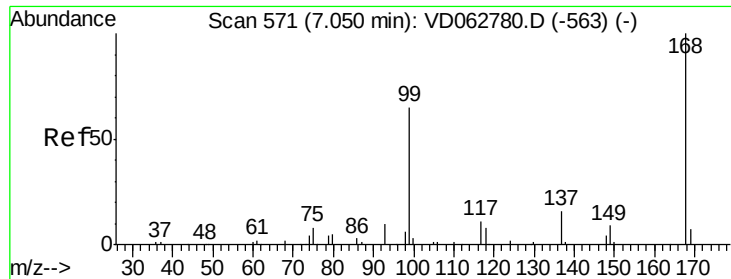
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
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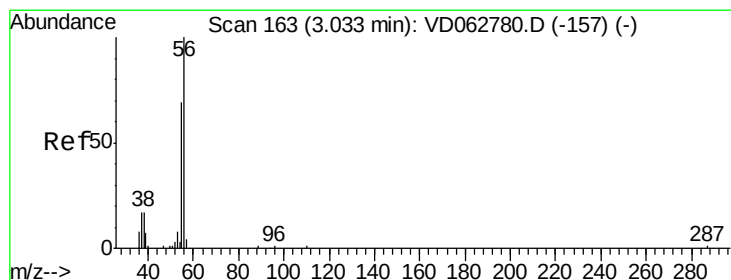
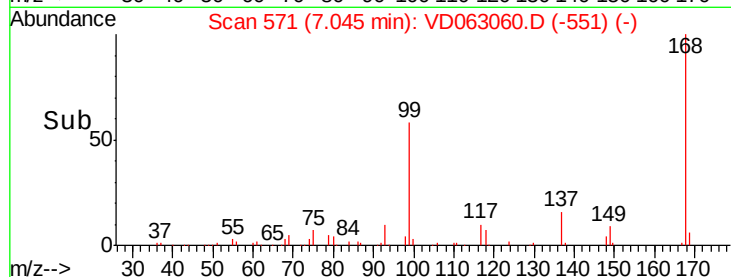
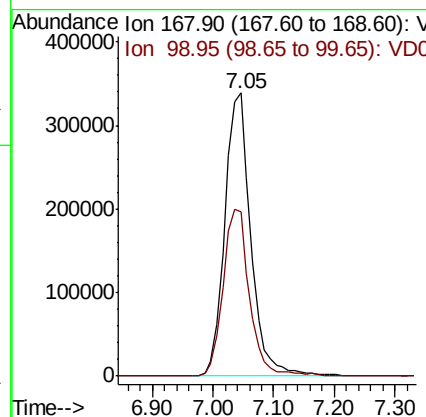
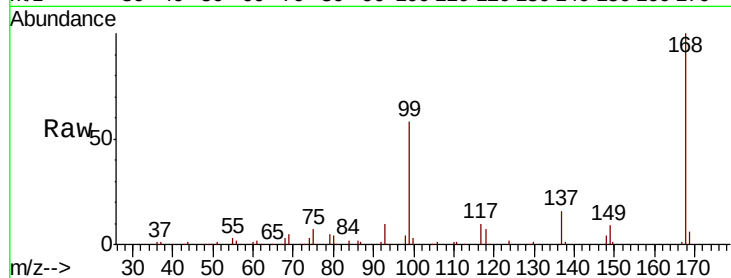




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

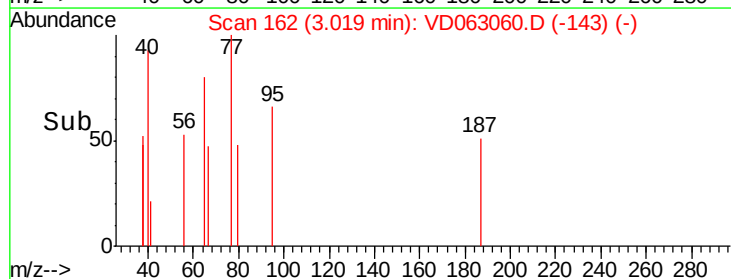
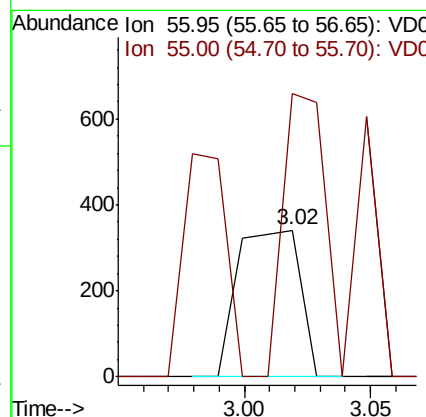
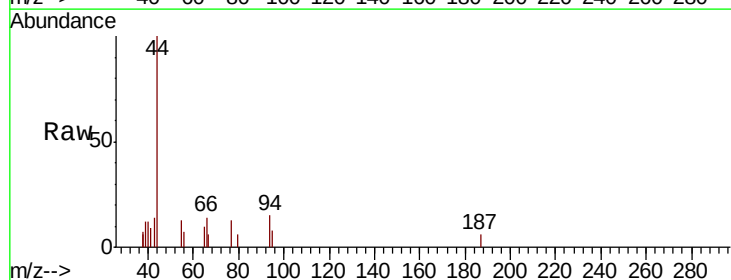
Instrument :
MSVOA_D
ClientSampleId :
PX-1_070919

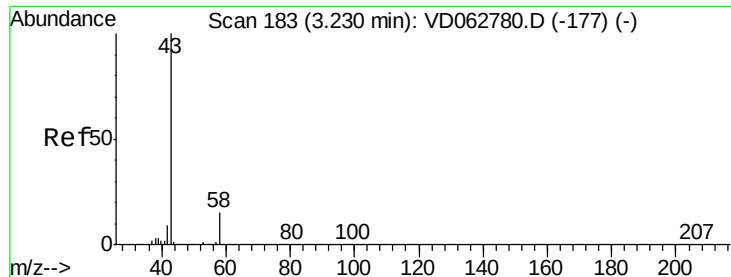
Tot Ion:168 Resp: 1010225
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#13
Acrolein
Concen: 1.152 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion: 56 Resp: 588
Ion Ratio Lower Upper
56 100
55 193.0 55.4 83.0#





#16

Acetone

Concen: Below Cal

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

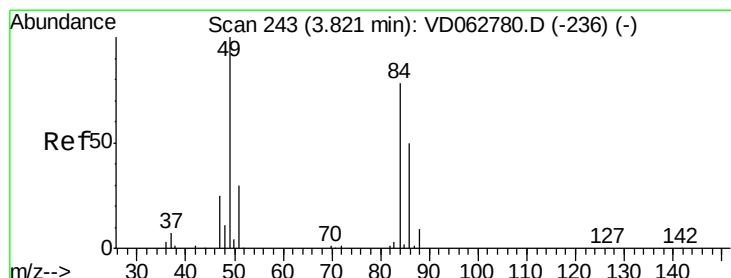
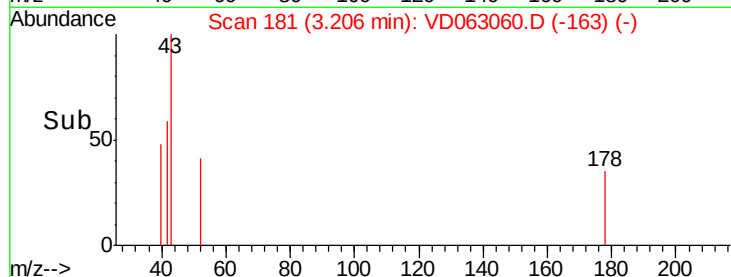
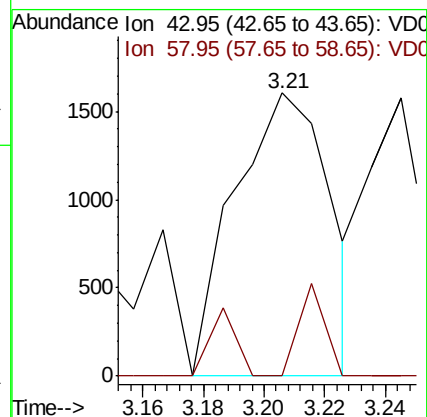
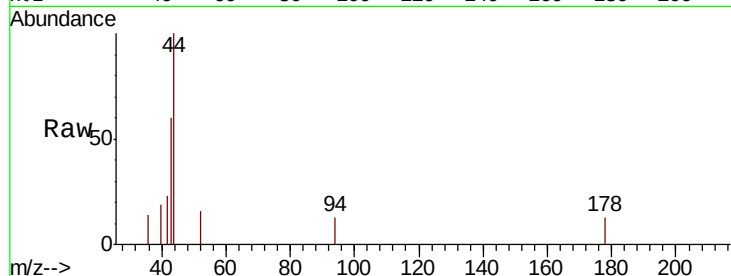
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Tot Ion: 43 Resp: 3528

Ion Ratio Lower Upper

43 100

58 0.0 11.9 17.9#



#20

Methylene Chloride

Concen: 1.793 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

Tgt Ion: 84 Resp: 15016

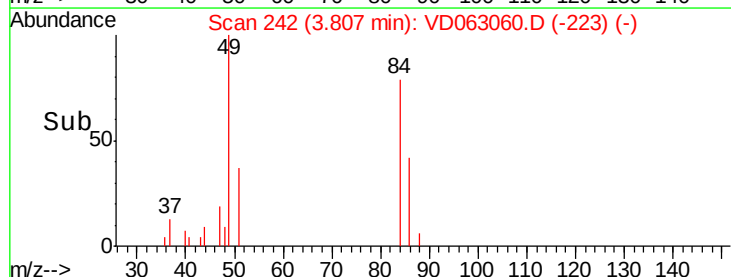
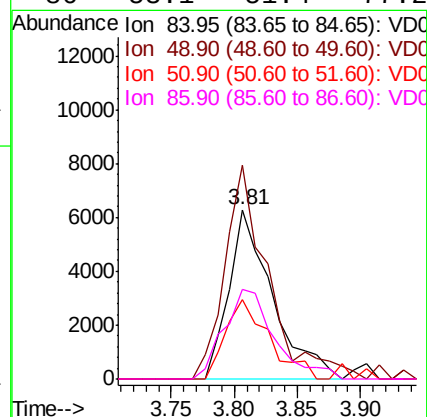
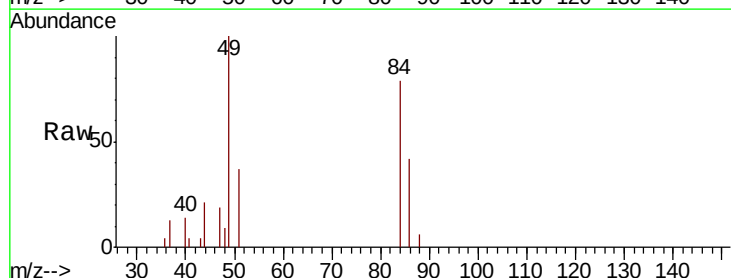
Ion Ratio Lower Upper

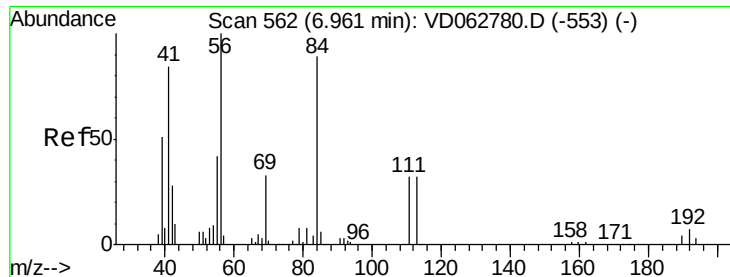
84 100

49 126.0 102.9 154.3

51 46.8 31.2 46.8

86 53.1 51.4 77.2

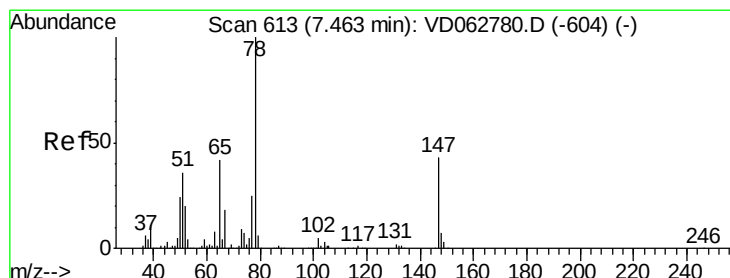
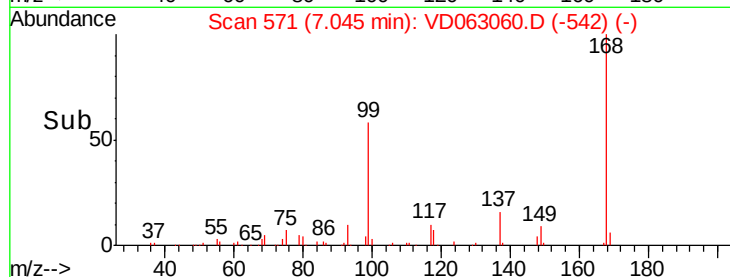
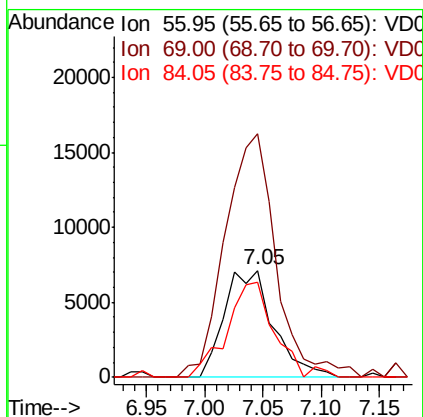
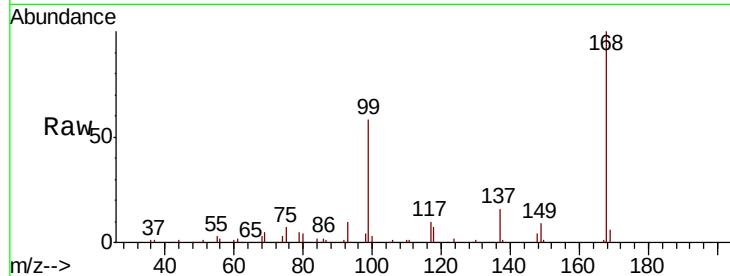




#31
Cyclohexane
Concen: 2.021 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

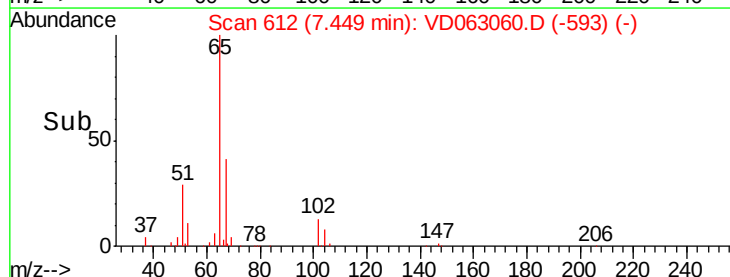
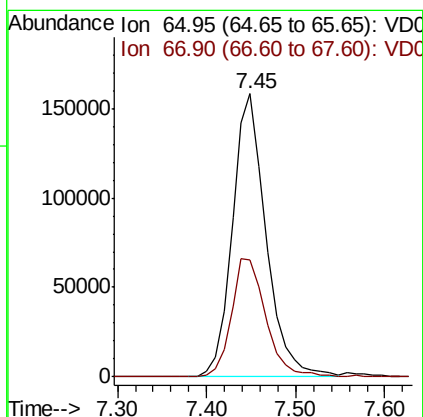
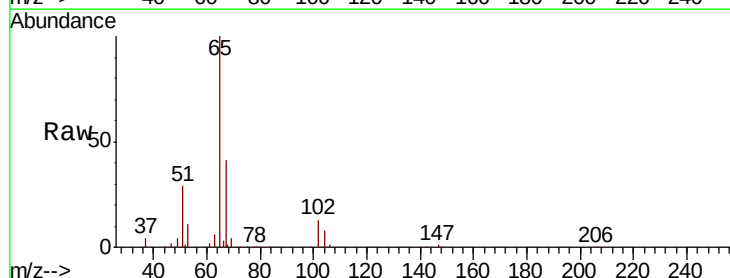
Instrument :
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ClientSampleId :
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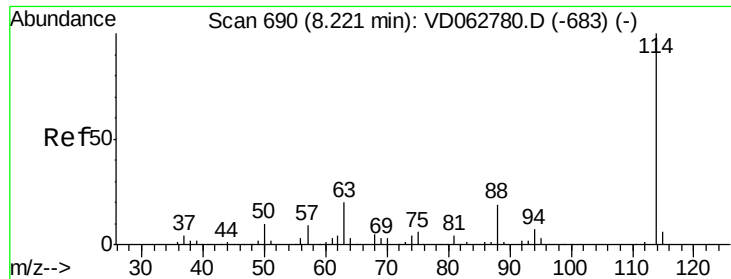
Tot Ion: 56 Resp: 20842
Ion Ratio Lower Upper
56 100
69 228.0 26.6 39.8#
84 88.6 75.5 113.3



#33
1,2-Dichloroethane-d4
Concen: 37.831 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion: 65 Resp: 415427
Ion Ratio Lower Upper
65 100
67 41.3 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: VD063060.D

Acq: 10 Jul 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

PX-1 070919

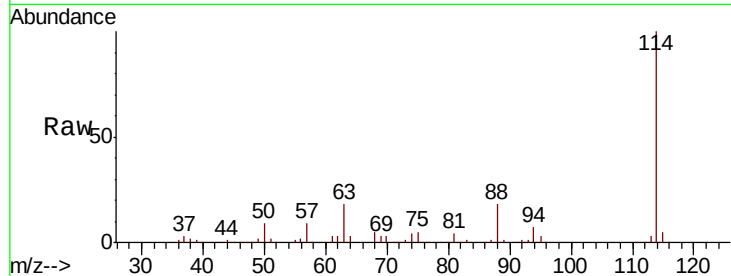
Tot Ion:114 Resp: 1405349

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

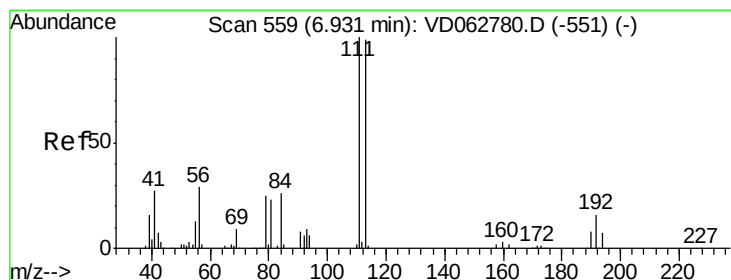
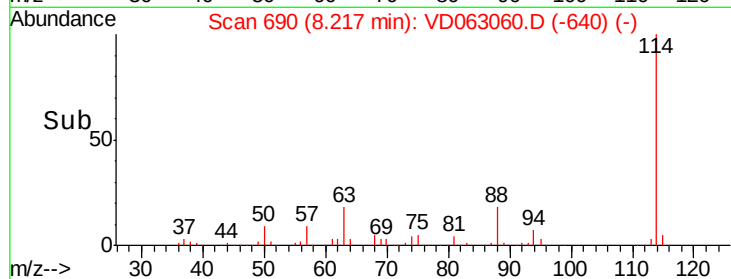
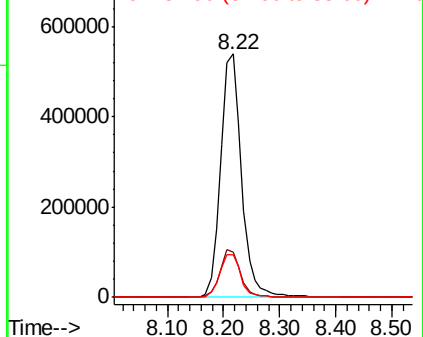
88 17.7 0.0 38.8



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: 40.765 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

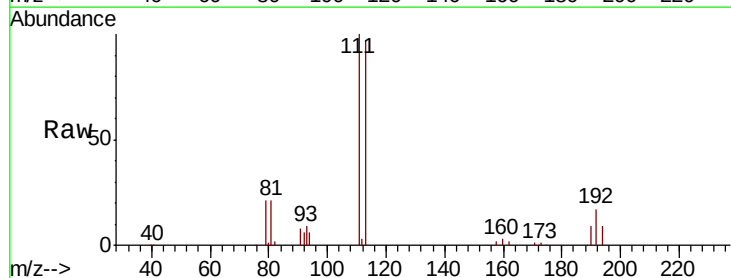
Tgt Ion:113 Resp: 483056

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

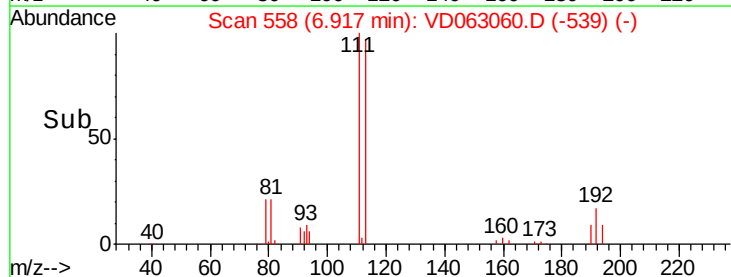
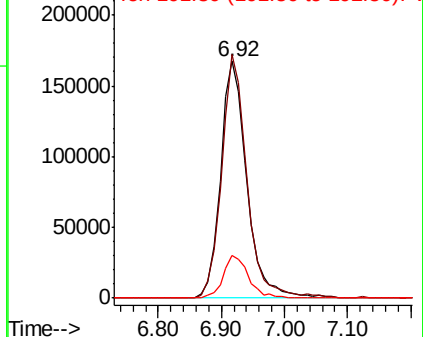
192 17.9 12.9 19.3

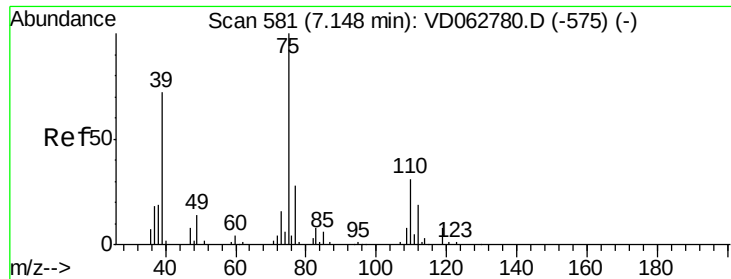


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.851 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

Instrument :

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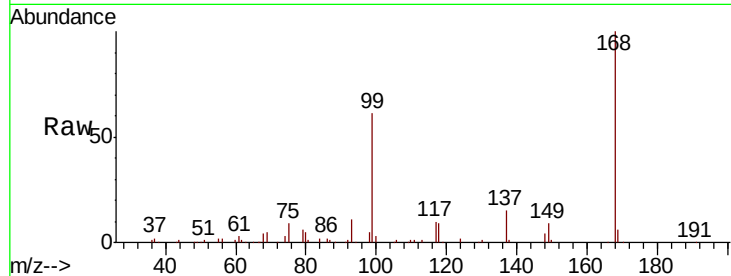
Tot Ion: 75 Resp: 77840

Ion Ratio Lower Upper

75 100

110 7.5 15.0 45.1#

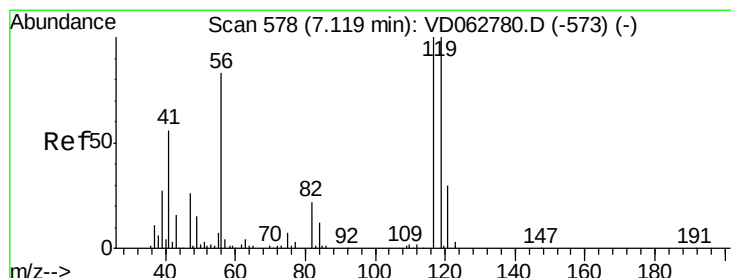
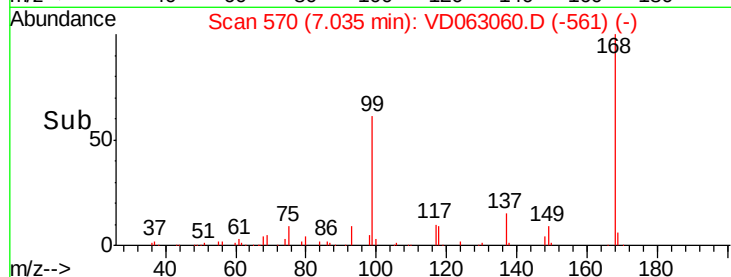
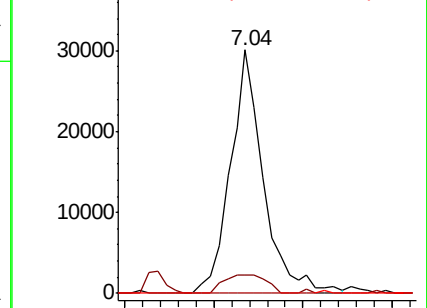
77 0.0 22.2 33.2#



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



#38

Carbon Tetrachloride

Concen: 4.799 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

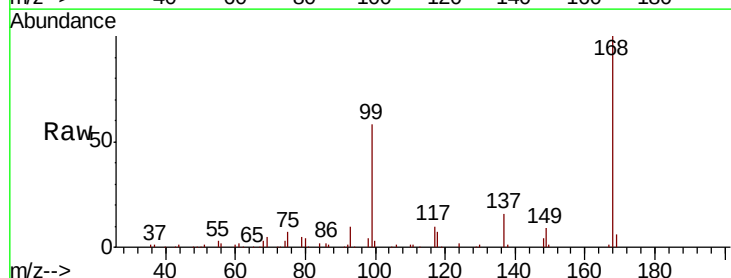
Tgt Ion: 117 Resp: 96012

Ion Ratio Lower Upper

117 100

119 4.6 75.4 113.2#

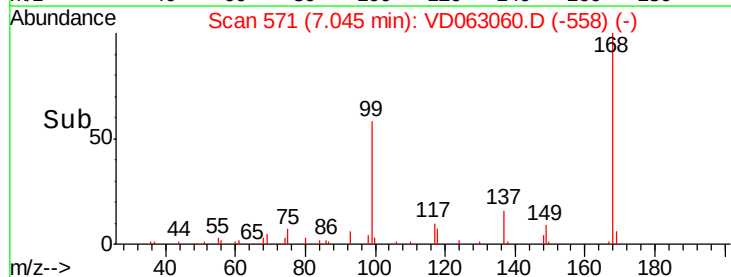
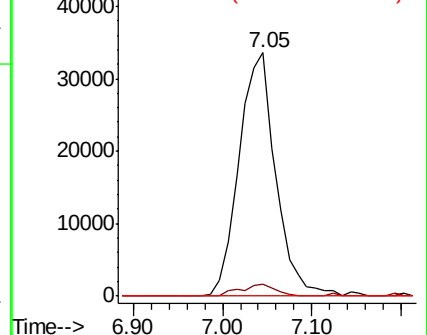
121 0.0 22.3 33.5#

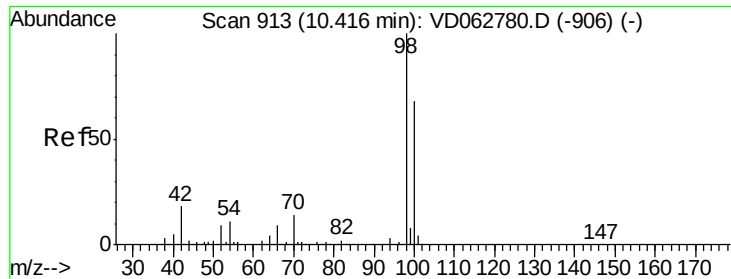


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

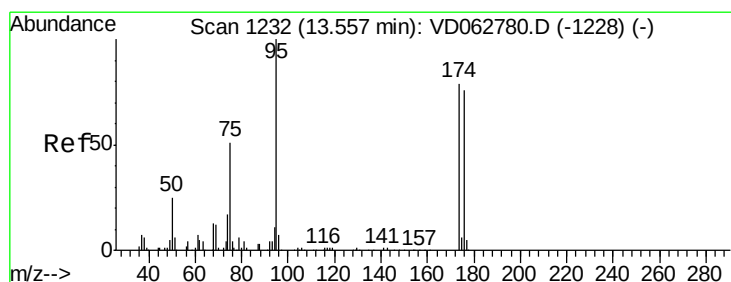
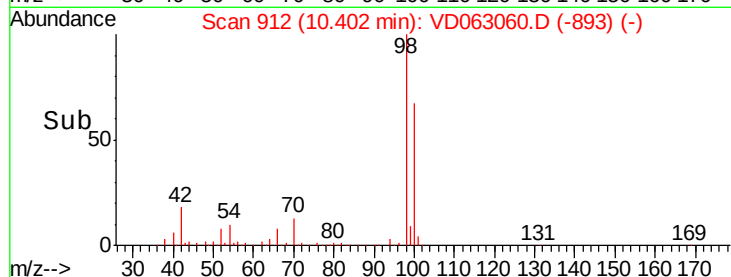
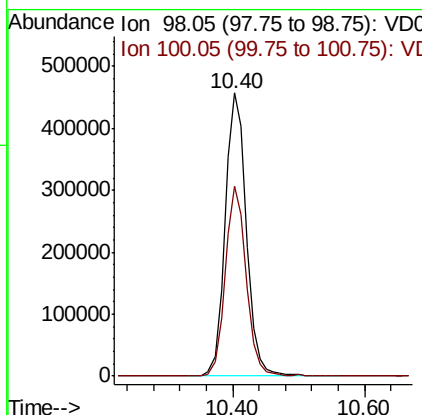
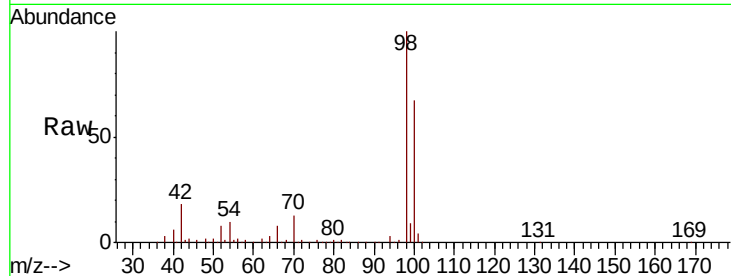




#50
Toluene-d8
Concen: 39.972 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

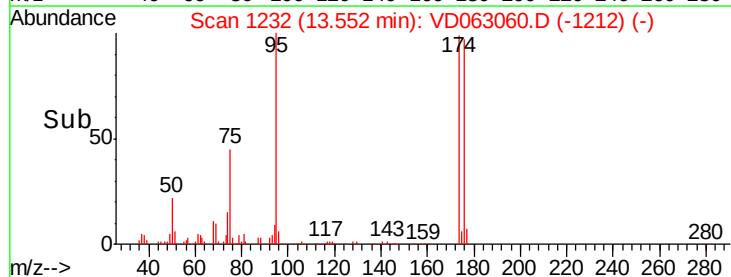
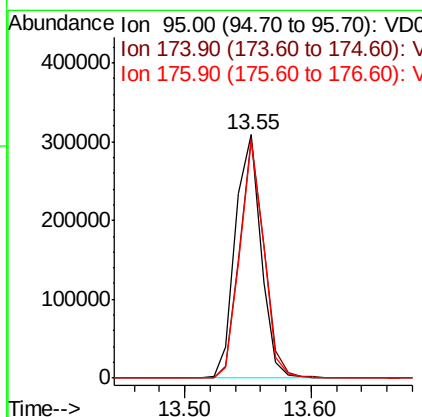
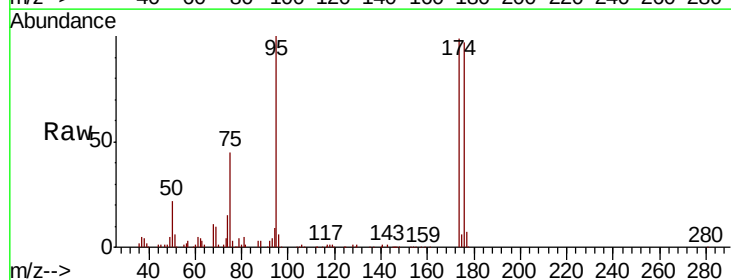
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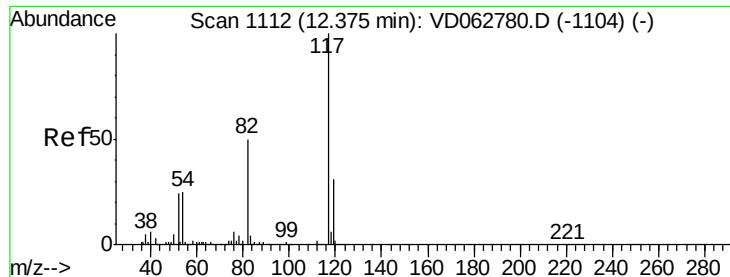
Tot Ion: 98 Resp: 1030916
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.903 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion: 95 Resp: 432765
Ion Ratio Lower Upper
95 100
174 98.7 0.0 158.0
176 97.5 0.0 151.6

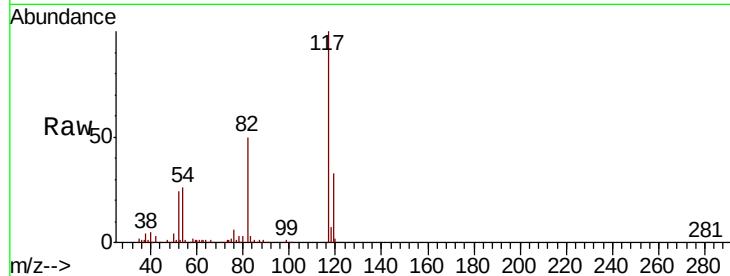




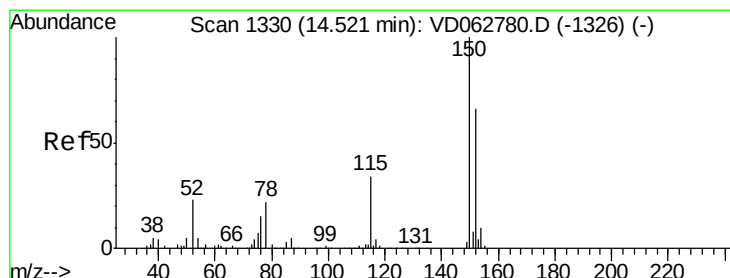
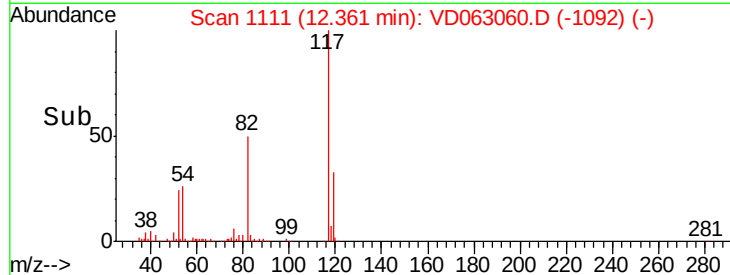
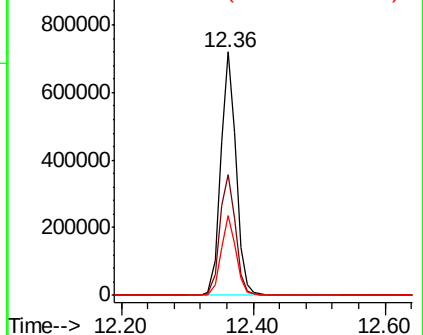
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :
PX-1_070919

Tot Ion:117 Resp: 1162170
Ion Ratio Lower Upper
117 100
82 49.6 40.4 60.6
119 32.8 25.2 37.8

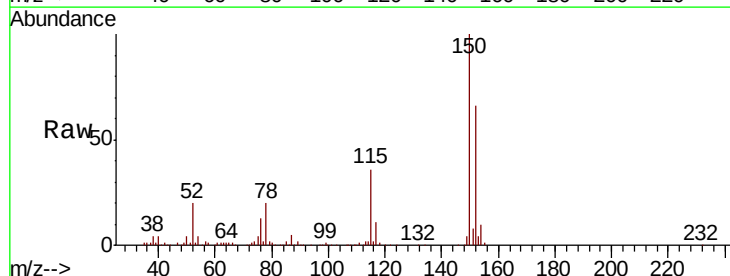


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

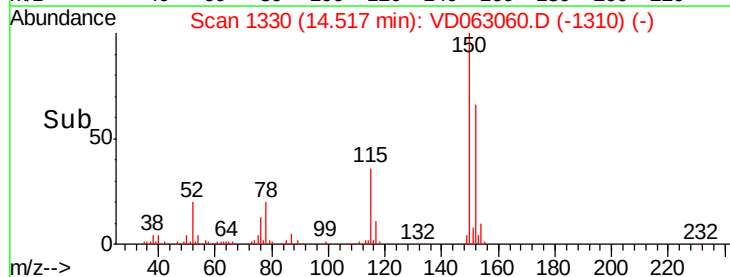
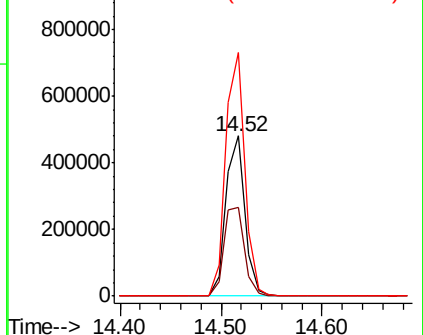


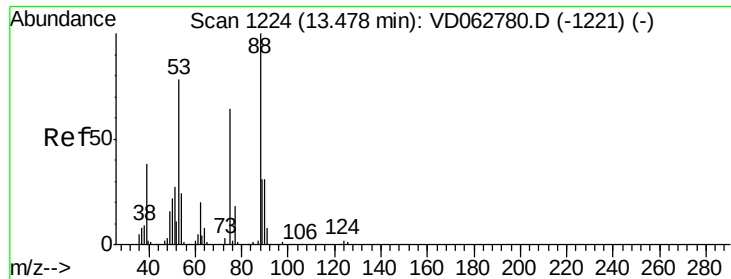
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063060.D
Acq: 10 Jul 2019 16:16

Tgt Ion:152 Resp: 629703
Ion Ratio Lower Upper
152 100
115 55.5 29.2 87.6
150 152.2 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: 102.574 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD063060.D

Acq: 10 Jul 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

PX-1_070919

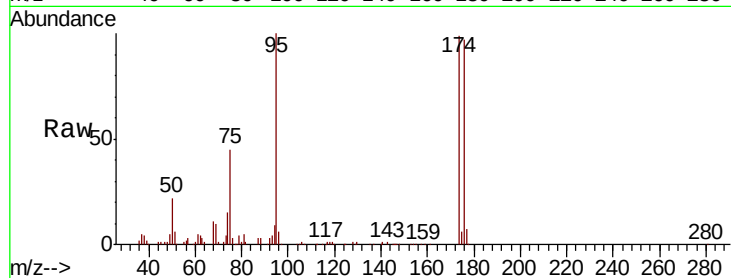
Tot Ion: 75 Resp: 195426

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

