

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063061.D
 Acq On : 10 Jul 2019 16:43
 Operator : VA/AP
 Sample : K3726-02
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-2_070919

Quant Time: Jul 11 07:01:31 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

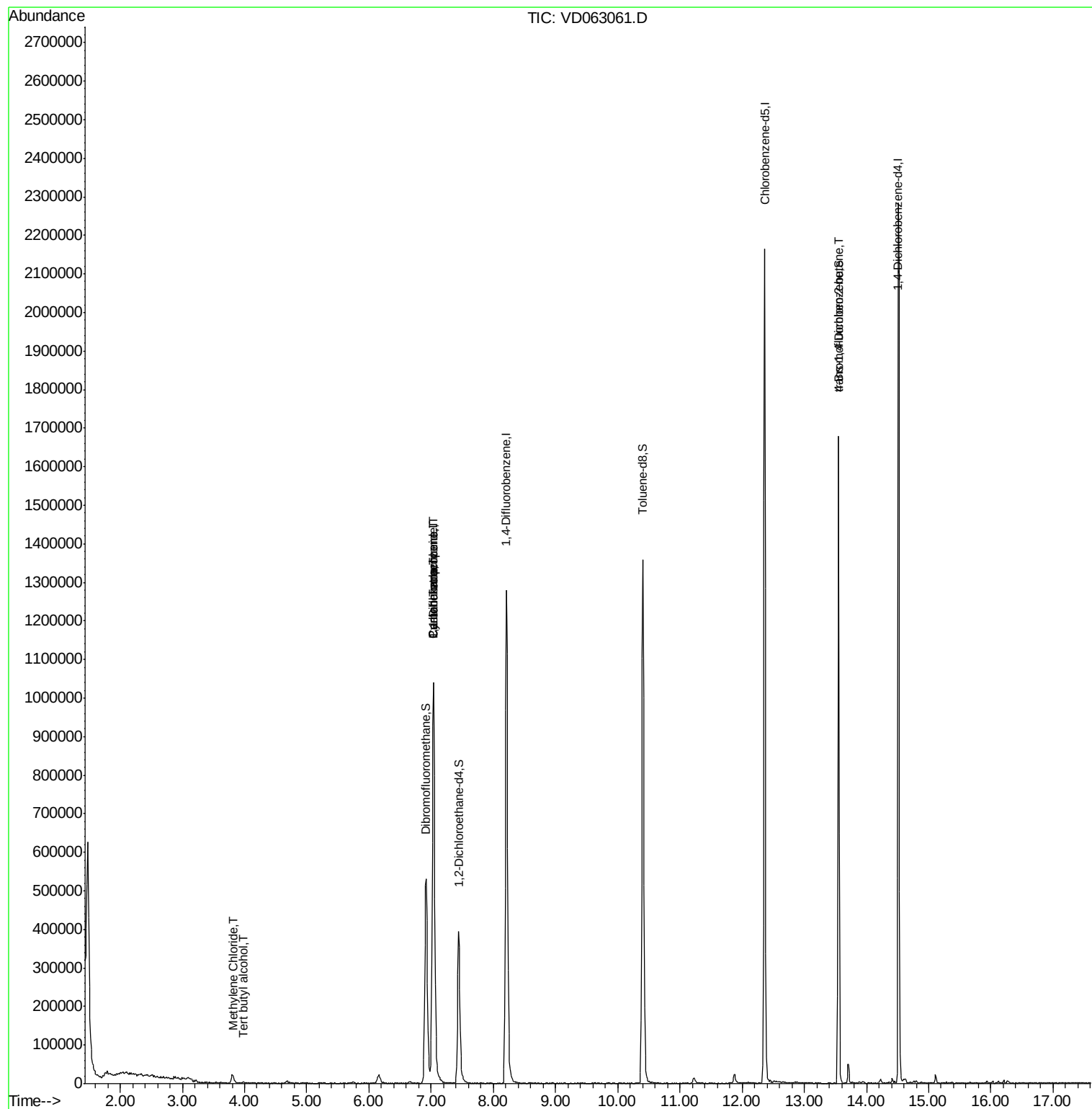
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	985313	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1363230	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1148091	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	542442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	444867	41.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.08%	
35) Dibromofluoromethane	6.92	113	491219	42.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.46%	
50) Toluene-d8	10.40	98	1076904	43.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.10%	
62) 4-Bromofluorobenzene	13.55	95	443715	39.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.99	59	2109	4.324	ug/l #	77
16) Acetone	3.22	43	10429	Below Cal	#	64
20) Methylene Chloride	3.82	84	13570	1.661	ug/l #	74
31) Cyclohexane	7.03	56	21480	2.136	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	71346	5.529	ug/l #	58
37) Ethyl Acetate	6.16	43	1915	Below Cal	#	3
38) Carbon Tetrachloride	7.04	117	99358	5.119	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	212159	129.271	ug/l #	2

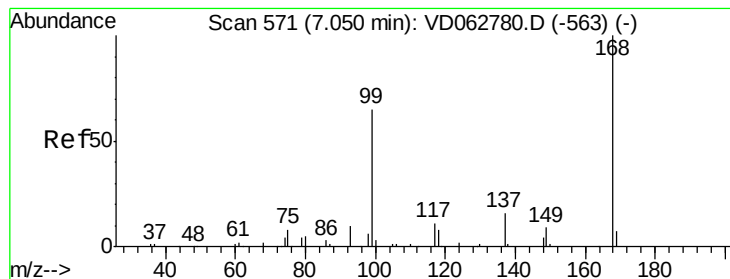
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071019\
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Quant 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: VD063061.D

Acq: 10 Jul 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

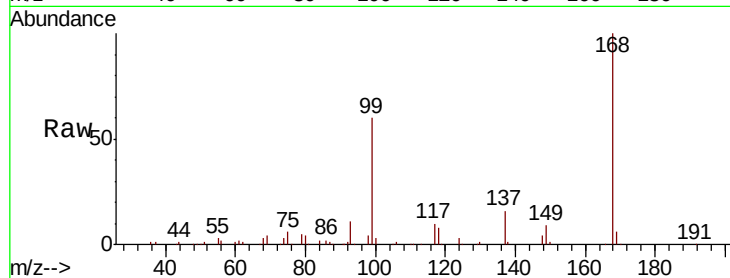
PX-2_070919

Tot Ion:168 Resp: 985313

Ion Ratio Lower Upper

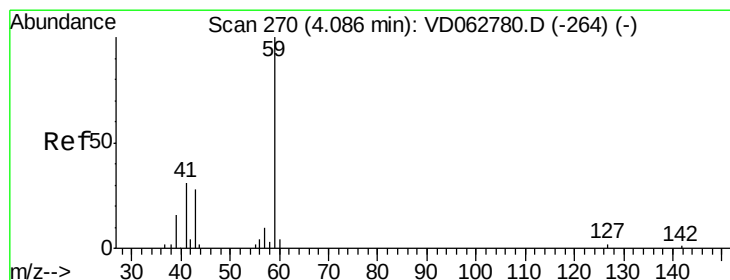
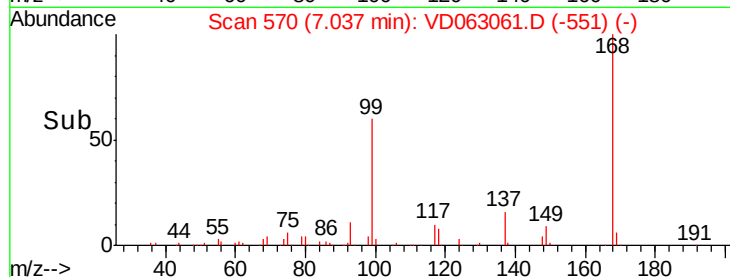
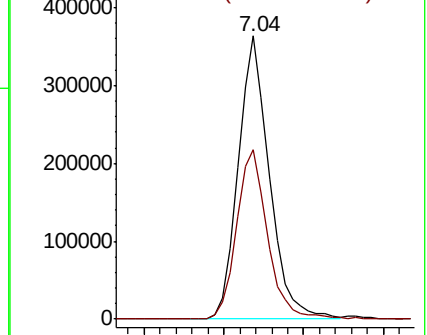
168 100

99 59.7 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: 4.324 ug/l

RT: 3.99 min Scan# 260

Delta R.T. -0.10 min

Lab File: VD063061.D

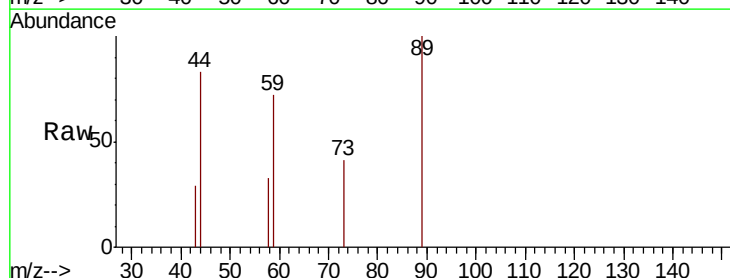
Acq: 10 Jul 2019 16:43

Tgt Ion: 59 Resp: 2109

Ion Ratio Lower Upper

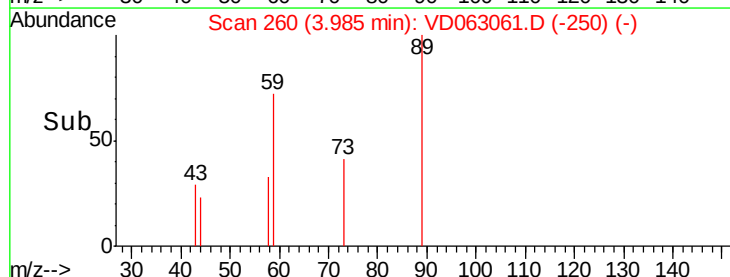
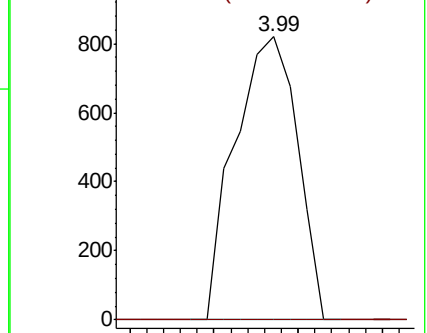
59 100

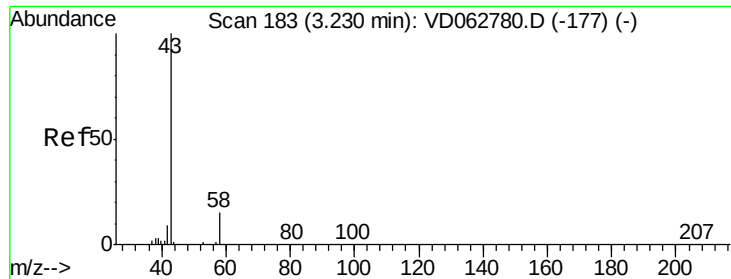
57 0.0 6.6 10.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

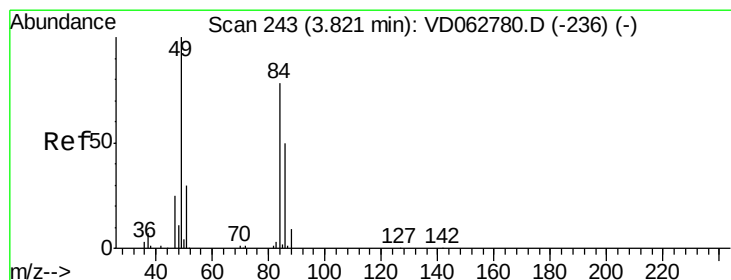
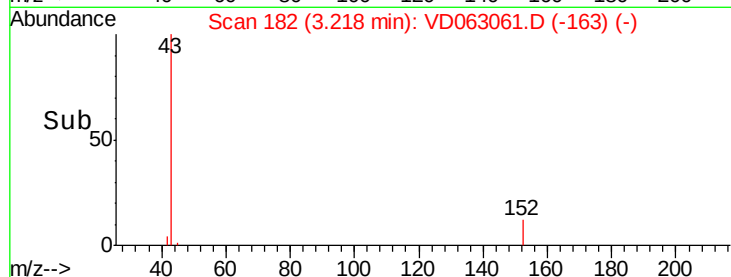
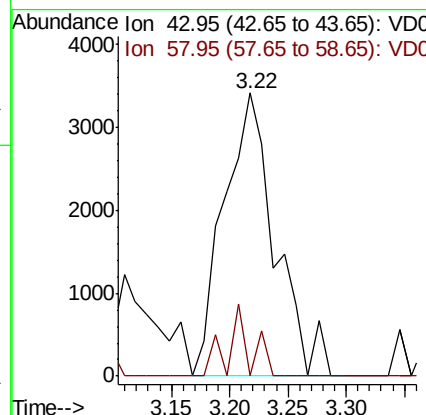
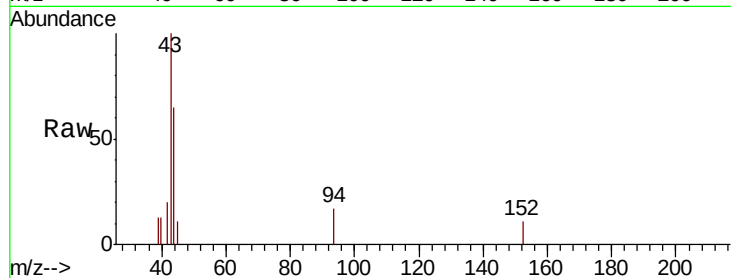




#16
Acetone
Concen: Below Cal
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

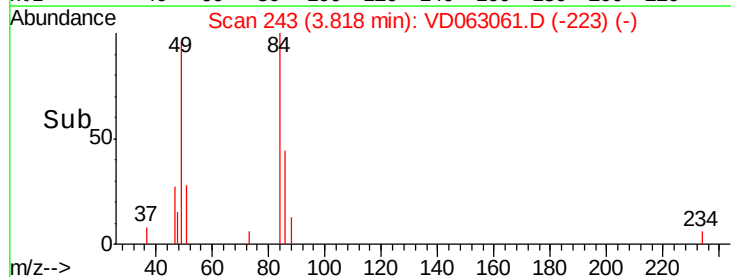
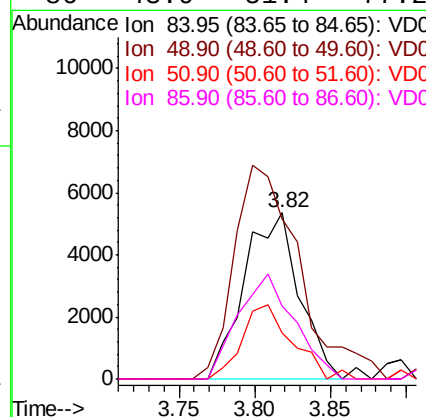
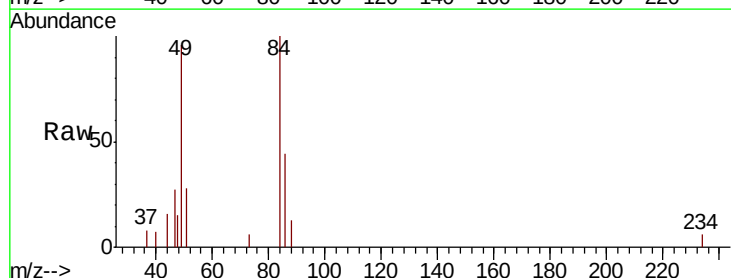
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ClientSampleId :
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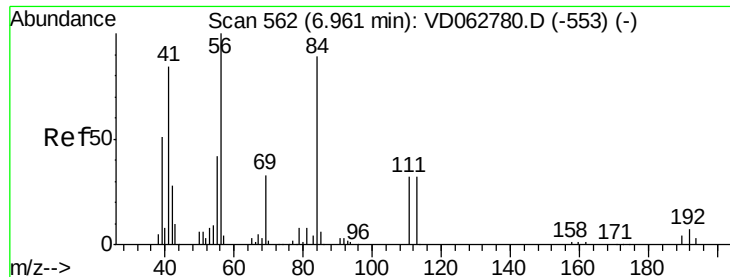
Tot Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
58 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: 1.661 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Tgt Ion: 84 Resp: 13570
Ion Ratio Lower Upper
84 100
49 96.4 102.9 154.3#
51 27.8 31.2 46.8#
86 43.9 51.4 77.2#

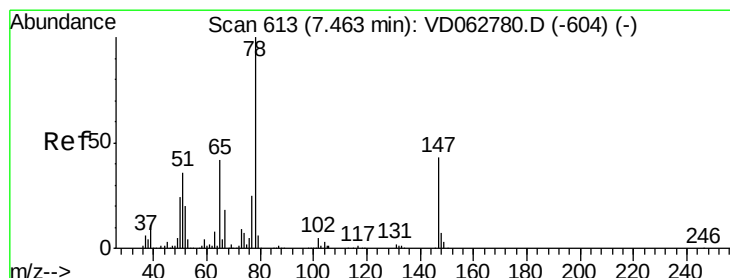
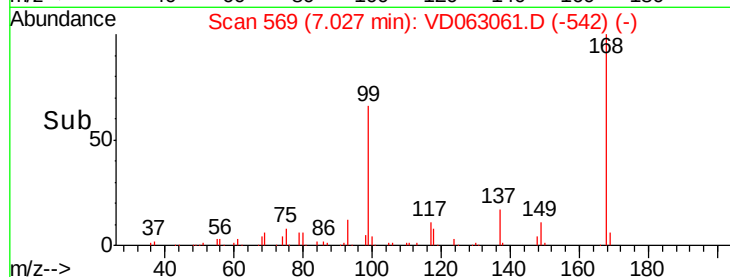
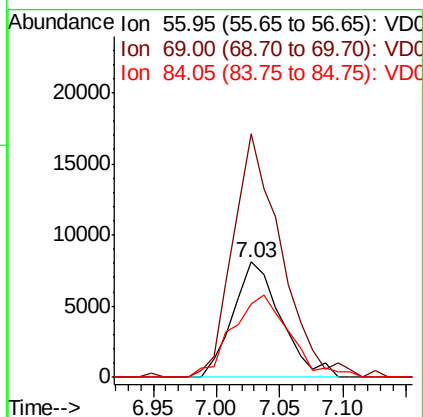
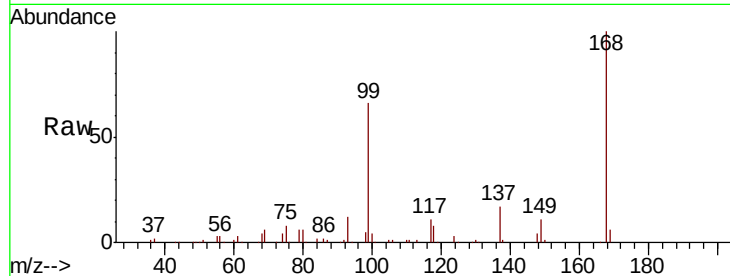




#31
Cyclohexane
Concen: 2.136 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.07 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

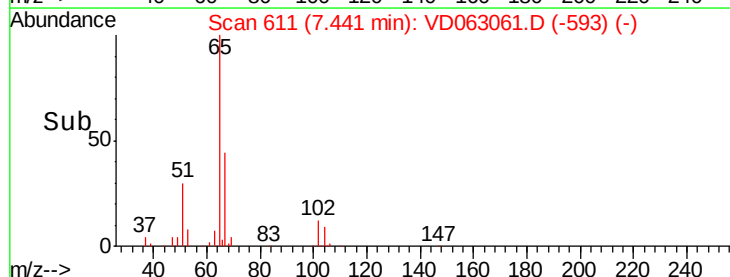
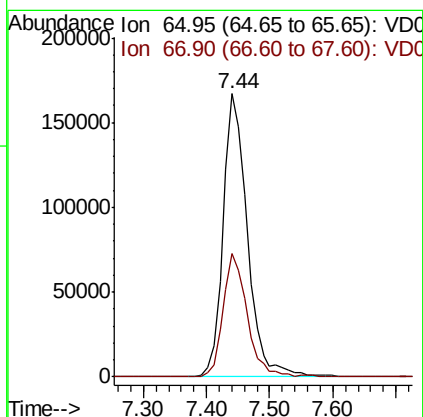
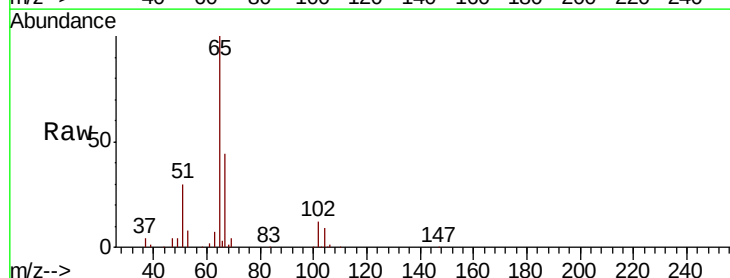
Instrument :
MSVOA_D
ClientSampleId :
PX-2_070919

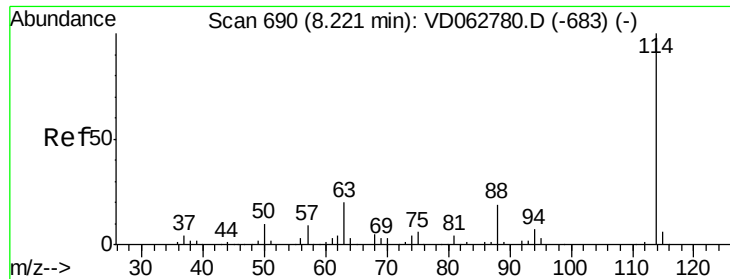
Tot Ion: 56 Resp: 21480
Ion Ratio Lower Upper
56 100
69 211.1 26.6 39.8#
84 63.8 75.5 113.3#



#33
1,2-Dichloroethane-d4
Concen: 41.537 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Tgt Ion: 65 Resp: 444867
Ion Ratio Lower Upper
65 100
67 43.7 0.0 87.4

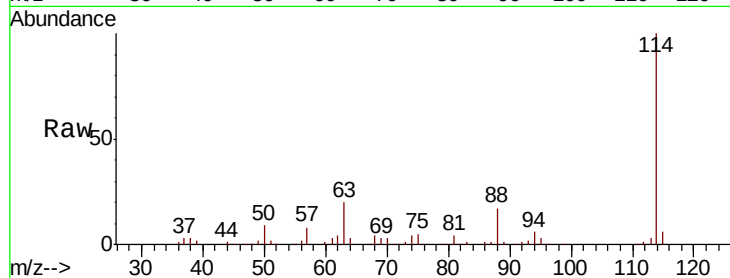




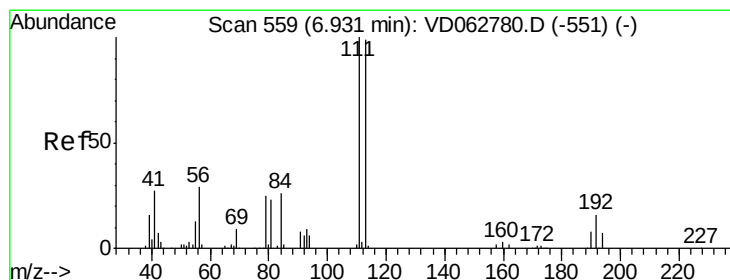
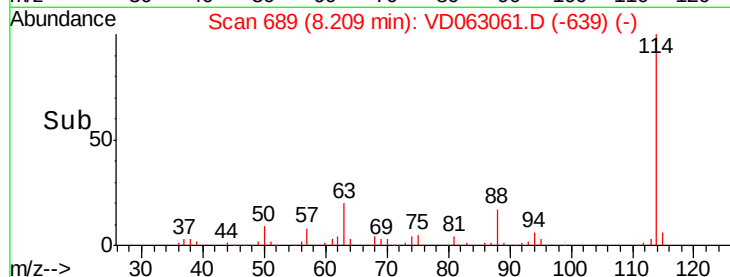
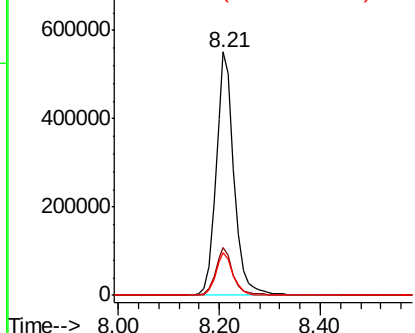
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-2_070919

Tot Ion:114 Resp: 1363230
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 17.4 0.0 38.8

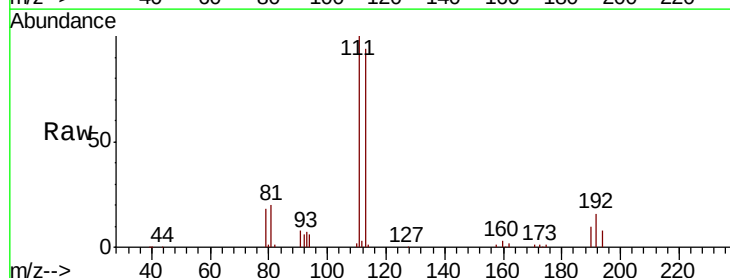


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

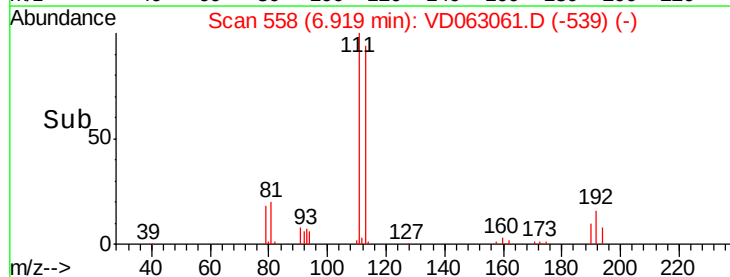
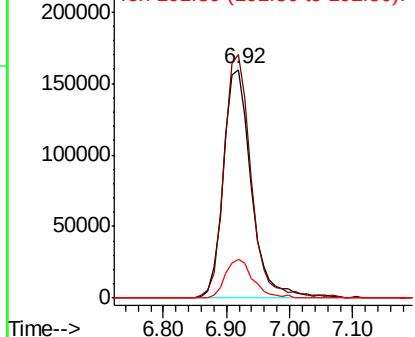


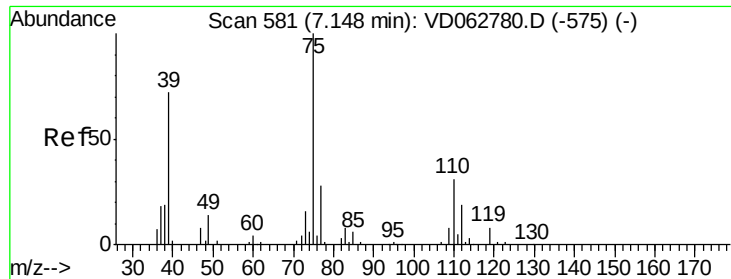
#35
 Dibromofluoromethane
 Concen: 42.734 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

Tgt Ion:113 Resp: 491219
 Ion Ratio Lower Upper
 113 100
 111 106.4 81.2 121.8
 192 16.7 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

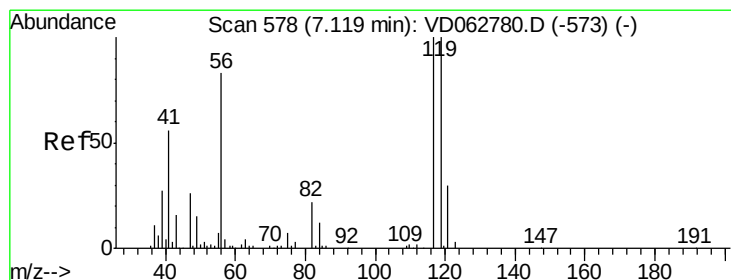
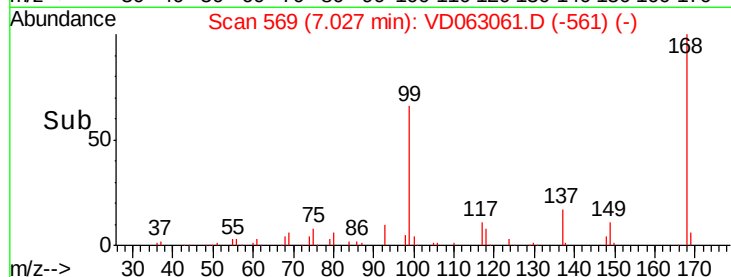
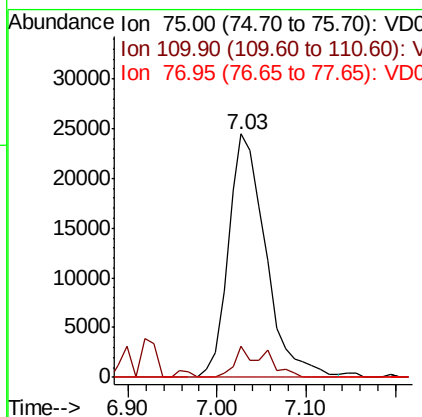
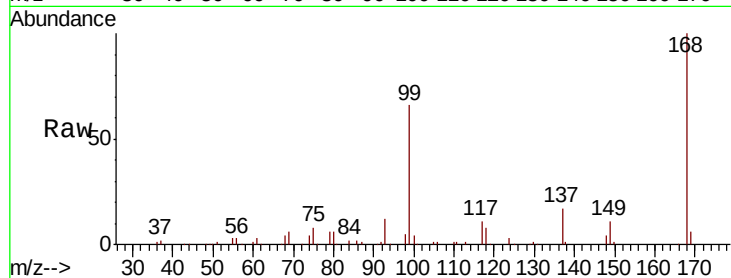




#36
 1,1-Dichloropropene
 Concen: 5.529 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.12 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

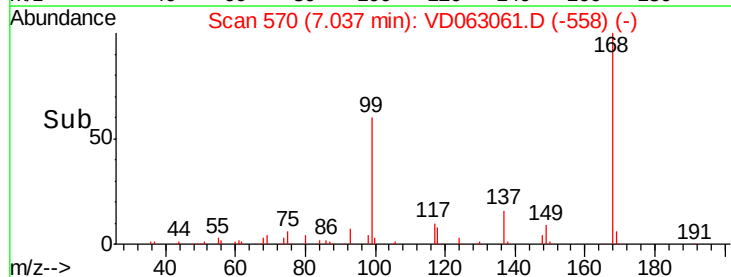
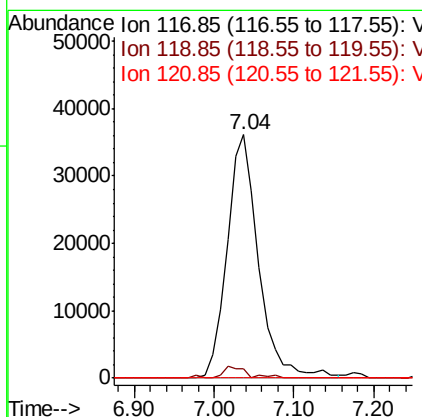
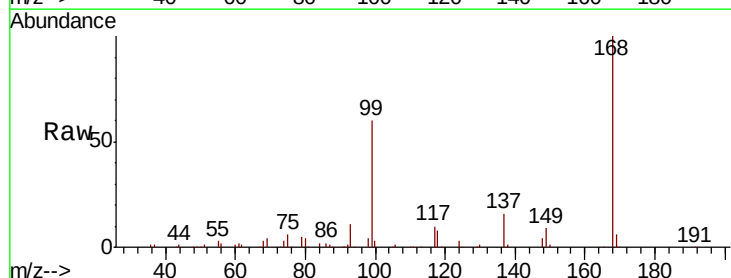
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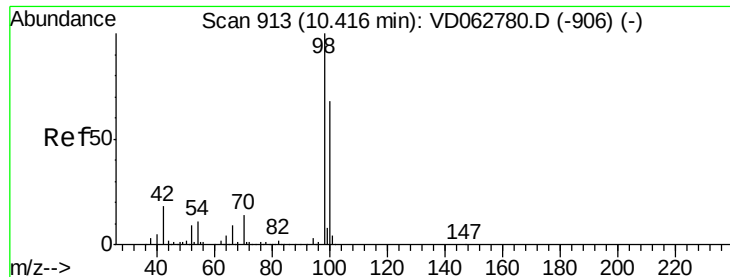
Tot Ion: 75 Resp: 71346
 Ion Ratio Lower Upper
 75 100
 110 12.9 15.0 45.1#
 77 0.0 22.2 33.2#



#38
 Carbon Tetrachloride
 Concen: 5.119 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD063061.D
 Acq: 10 Jul 2019 16:43

Tgt Ion: 117 Resp: 99358
 Ion Ratio Lower Upper
 117 100
 119 3.7 75.4 113.2#
 121 0.0 22.3 33.5#

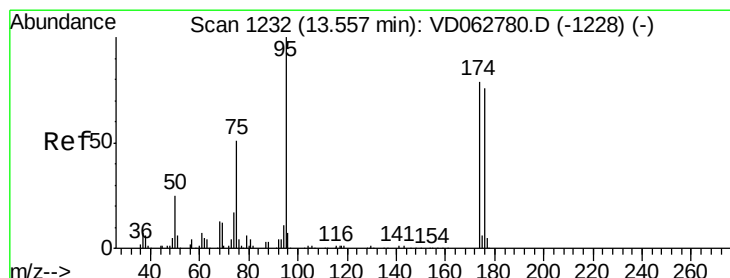
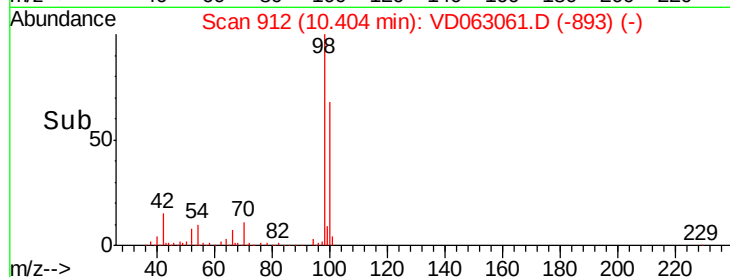
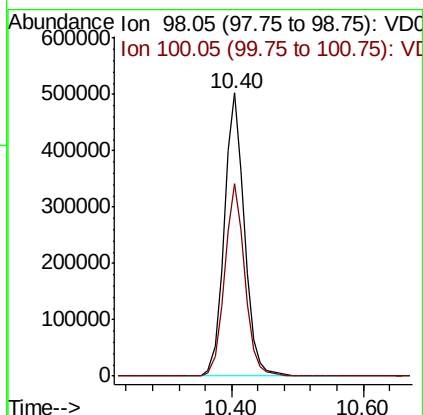
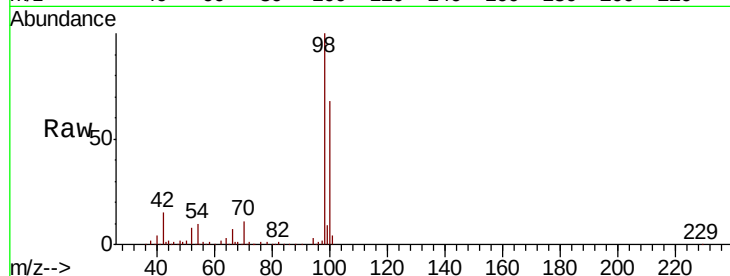




#50
Toluene-d8
Concen: 43.046 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

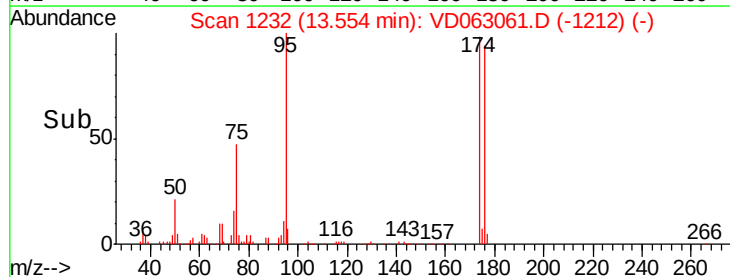
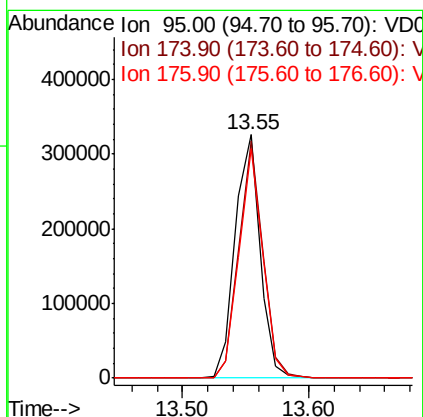
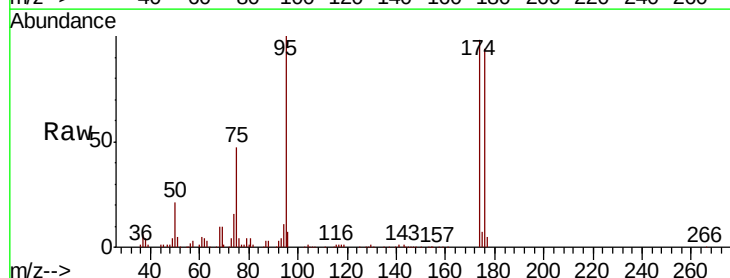
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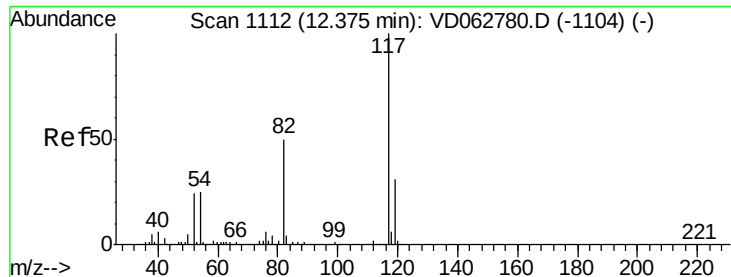
Tot Ion: 98 Resp: 1076904
Ion Ratio Lower Upper
98 100
100 68.0 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 39.005 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Tgt Ion: 95 Resp: 443715
Ion Ratio Lower Upper
95 100
174 97.6 0.0 158.0
176 94.3 0.0 151.6

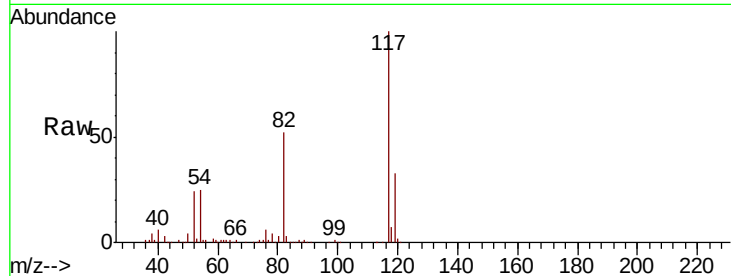




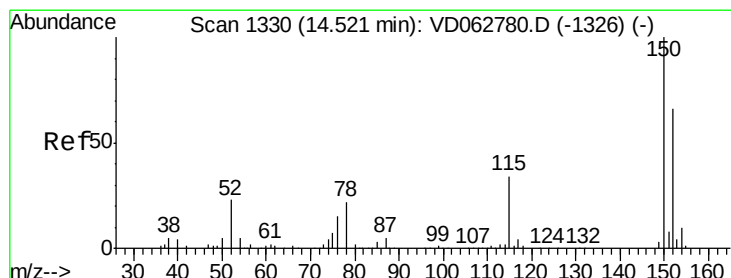
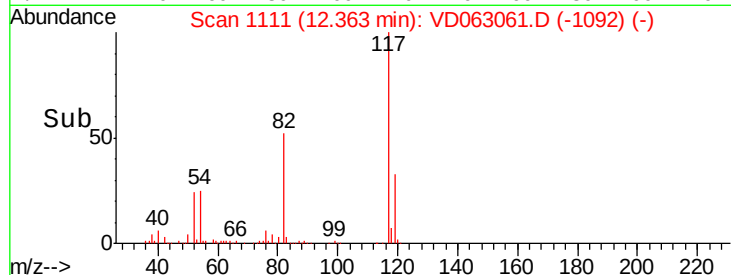
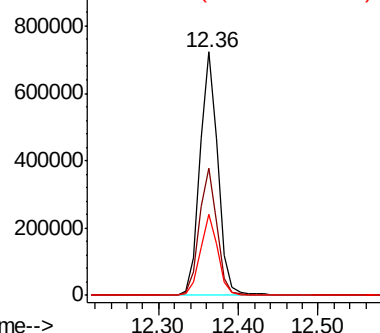
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Instrument :
MSVOA_D
ClientSampleId :
PX-2_070919

Tot Ion:117 Resp: 1148091
Ion Ratio Lower Upper
117 100
82 52.2 40.4 60.6
119 33.2 25.2 37.8

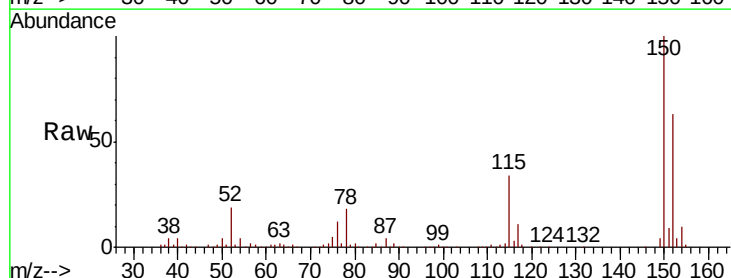


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

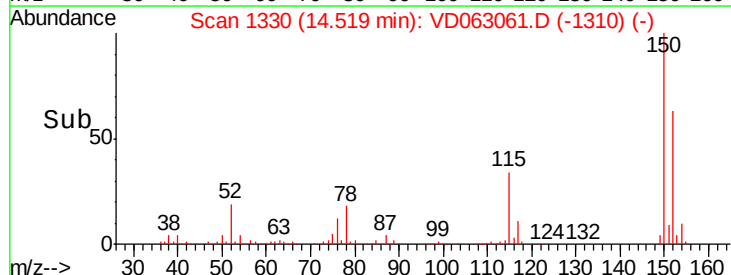
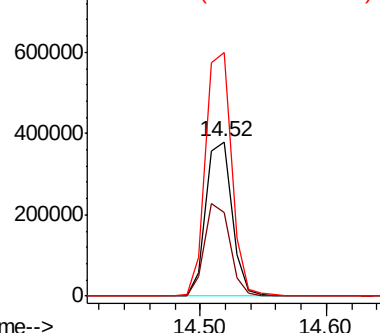


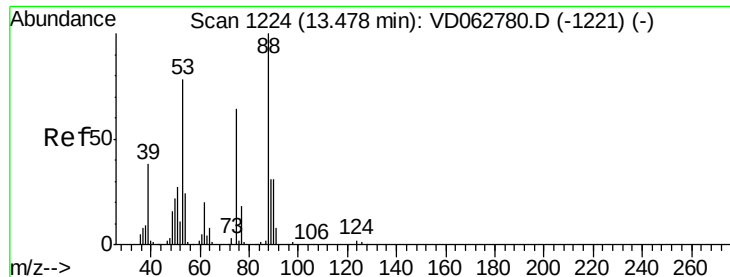
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063061.D
Acq: 10 Jul 2019 16:43

Tgt Ion:152 Resp: 542442
Ion Ratio Lower Upper
152 100
115 54.1 29.2 87.6
150 157.6 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: 129.271 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD063061.D

Acq: 10 Jul 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

PX-2_070919

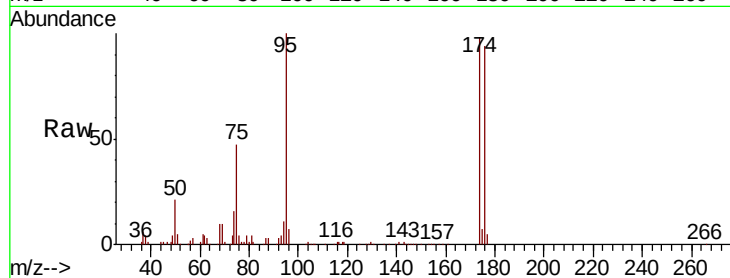
Tot Ion: 75 Resp: 212159

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

