

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063269.D
 Acq On : 31 Jul 2019 10:40
 Operator : VA/AP
 Sample : VD0731SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 04:00:16 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

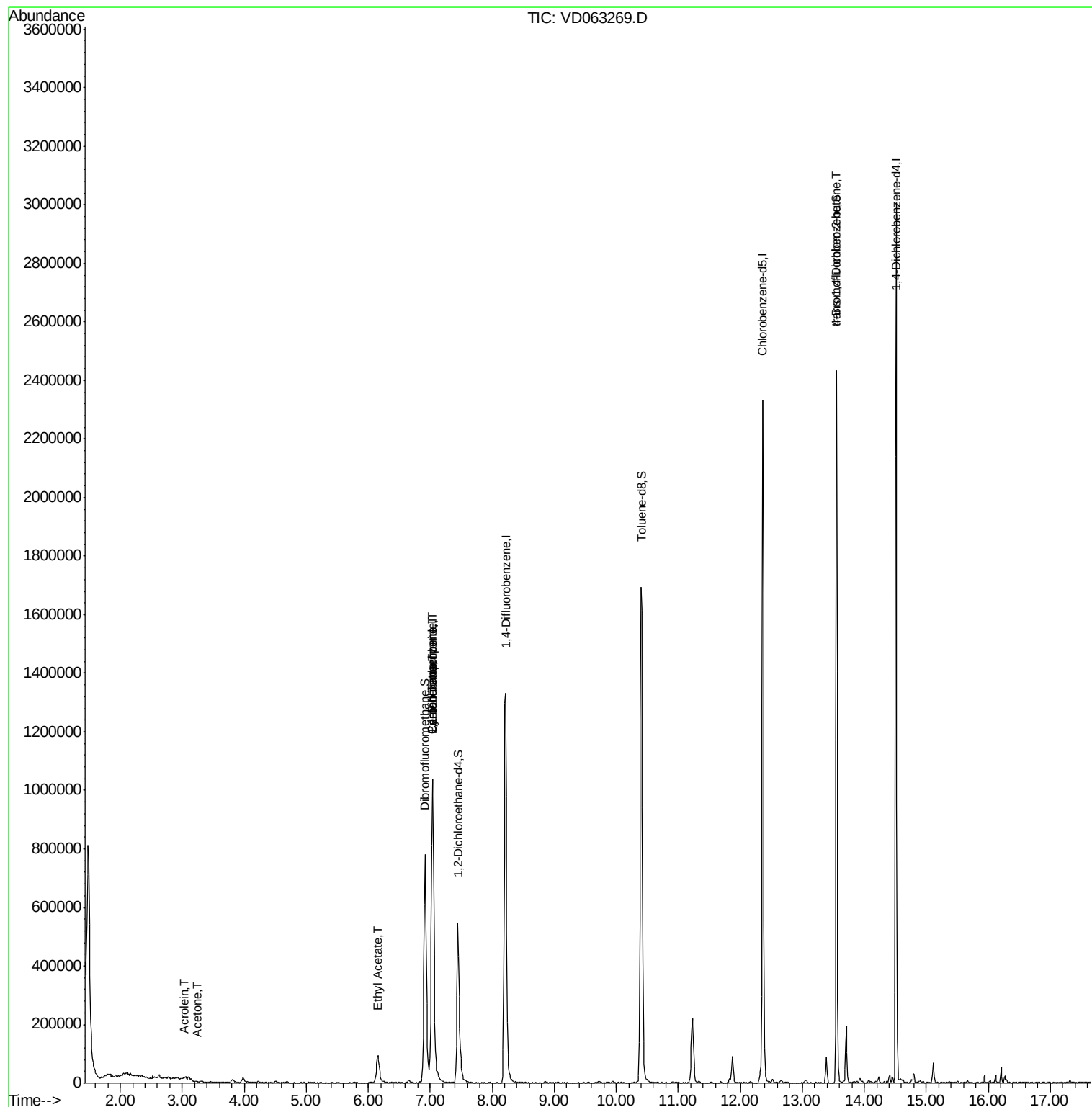
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1079057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1509868	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1260417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	658417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	603190	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	6.92	113	676878	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	10.40	98	1494423	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	13.55	95	637629	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
Target Compounds						
					Qvalue	
13) Acrolein	3.03	56	1116	2.207	ug/l #	80
16) Acetone	3.24	43	6917	2.965	ug/l #	62
31) Cyclohexane	7.04	56	23901	2.241	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	82414	5.981	ug/l #	56
37) Ethyl Acetate	6.16	43	8031	1.297	ug/l #	1
38) Carbon Tetrachloride	7.04	117	106570	5.137	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	293920	133.843	ug/l #	3

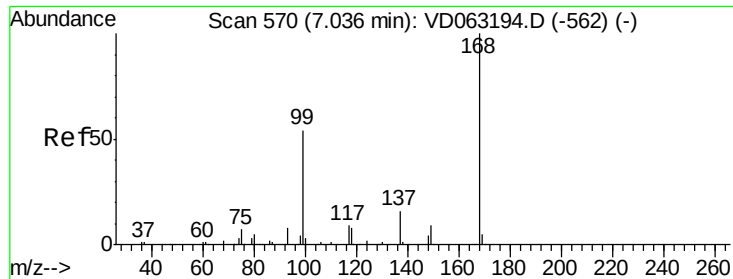
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073119\
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Quant Time: Aug 01 04:00:16 2019
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :

MSVOA_D

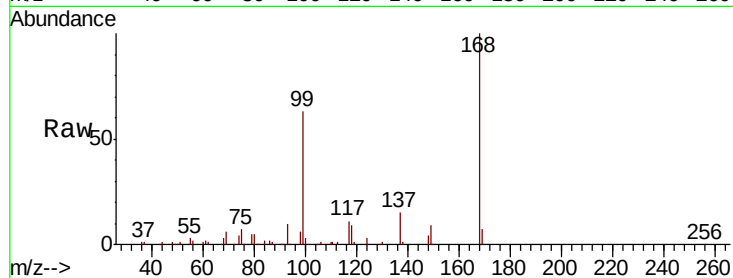
ClientSampleId :

Tot Ion:168 Resp: 1079057

Ion Ratio Lower Upper

168 100

99 62.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

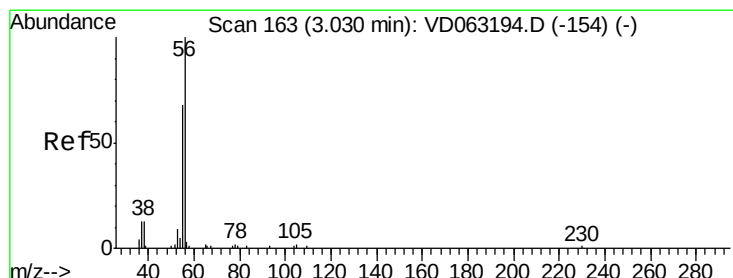
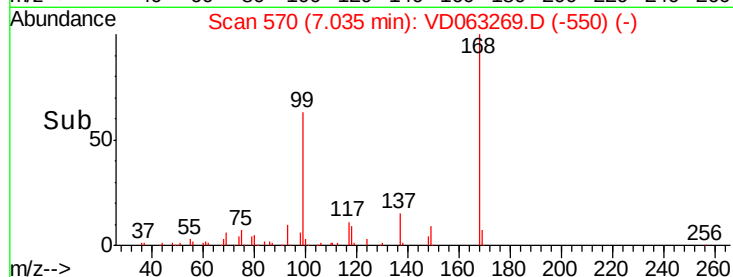
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 2.207 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD063269.D

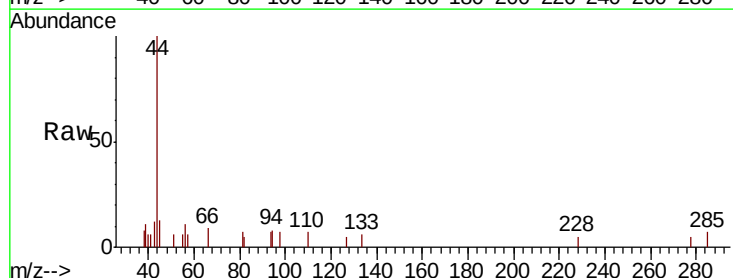
Acq: 31 Jul 2019 10:40

Tgt Ion: 56 Resp: 1116

Ion Ratio Lower Upper

56 100

55 52.7 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.03

800

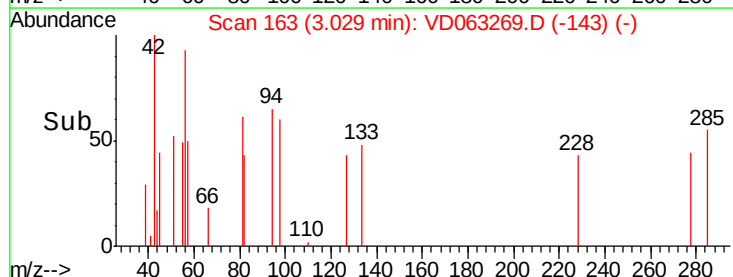
600

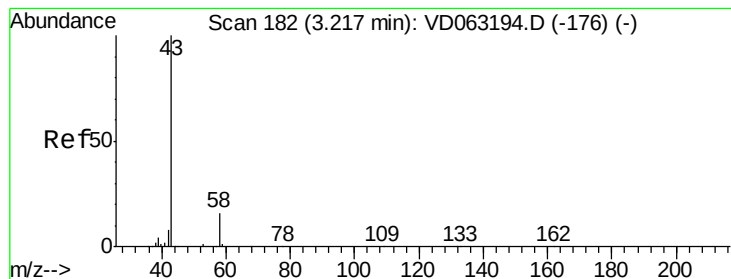
400

200

0

Time-->





#16

Acetone

Concen: 2.965 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :

MSVOA_D

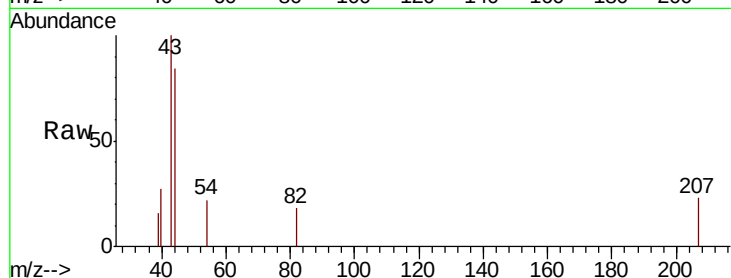
ClientSampled :

Tot Ion: 43 Resp: 6917

Ion Ratio Lower Upper

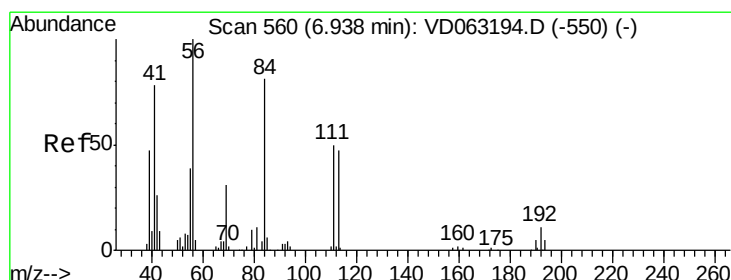
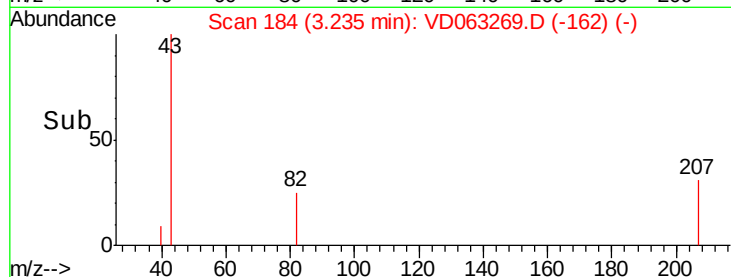
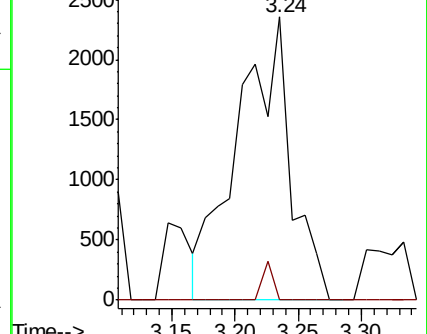
43 100

58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#31

Cyclohexane

Concen: 2.241 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.10 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

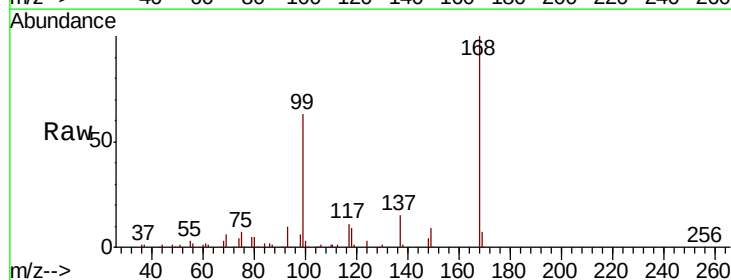
Tgt Ion: 56 Resp: 23901

Ion Ratio Lower Upper

56 100

69 236.3 24.5 36.7#

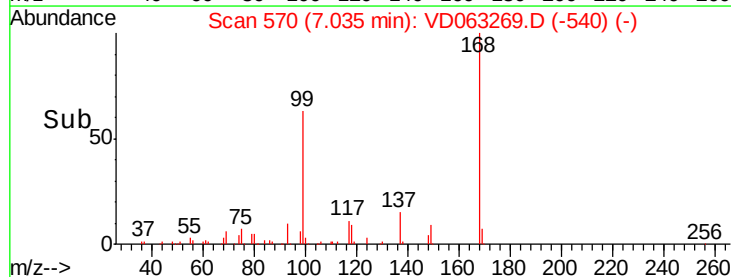
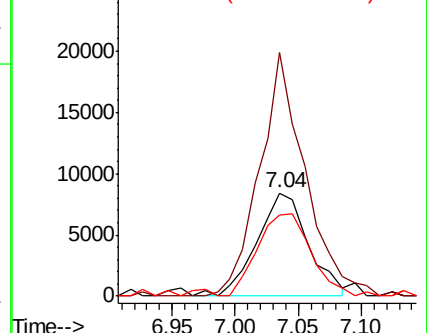
84 78.4 64.9 97.3

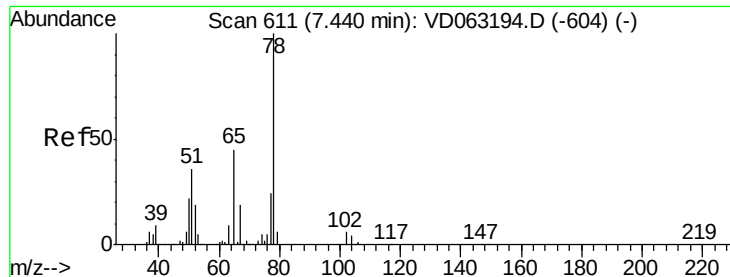


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

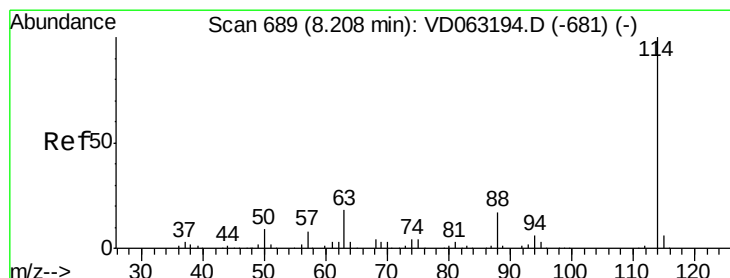
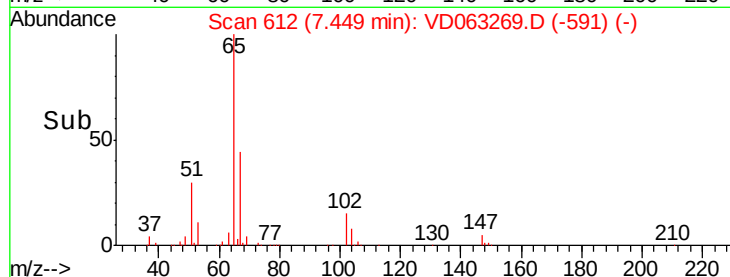
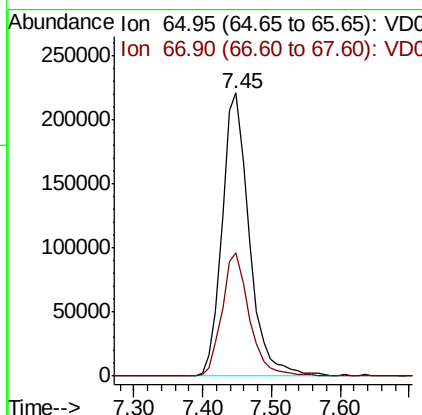
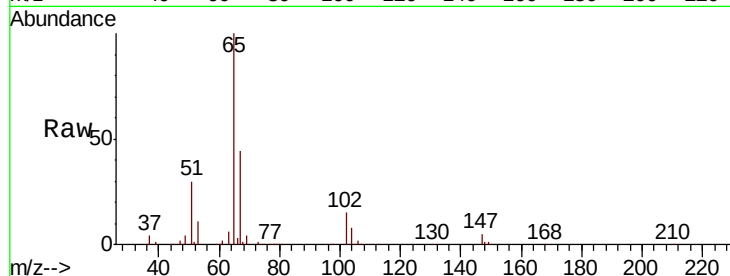




#33
 1,2-Dichloroethane-d4
 Concen: 50.378 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063269.D
 Acq: 31 Jul 2019 10:40

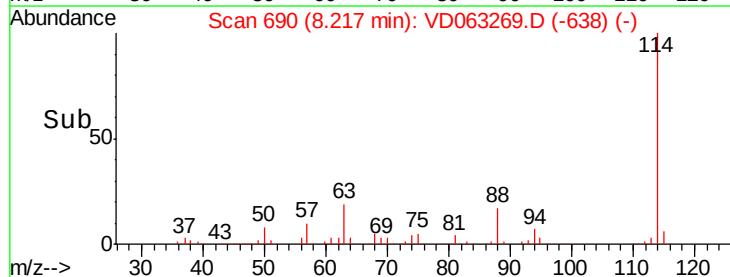
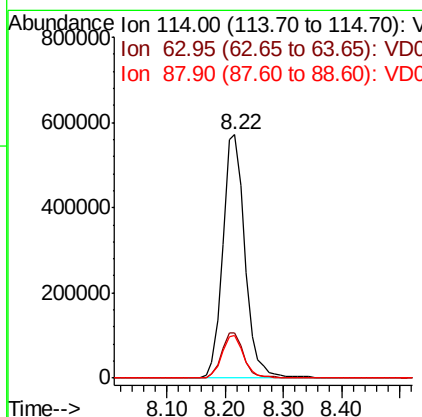
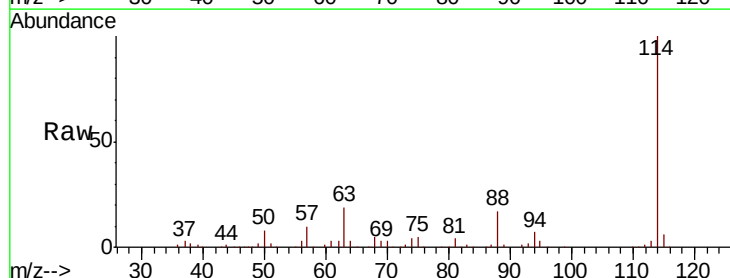
Instrument :
 MSVOA_D
 ClientSampleID :

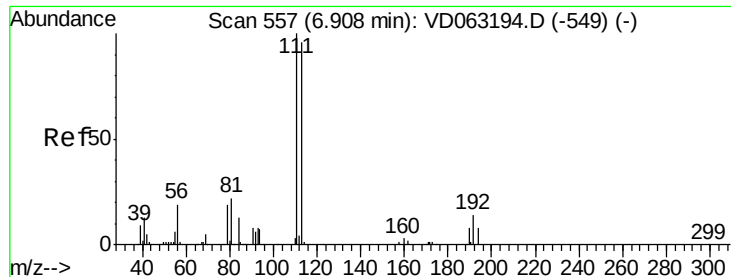
Tot Ion: 65 Resp: 603190
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063269.D
 Acq: 31 Jul 2019 10:40

Tgt Ion: 114 Resp: 1509868
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.2
 88 17.4 0.0 34.6





#35

Dibromofluoromethane

Concen: 52.508 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_D
ClientSampled :

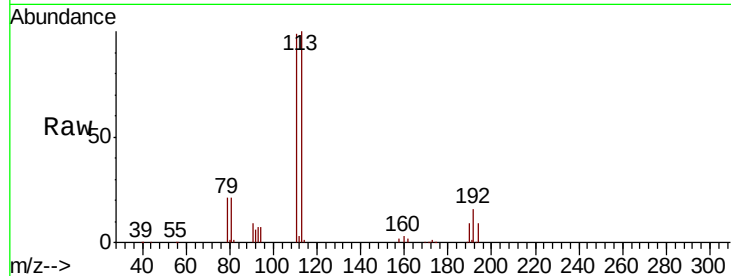
Tot Ion:113 Resp: 676878

Ion Ratio Lower Upper

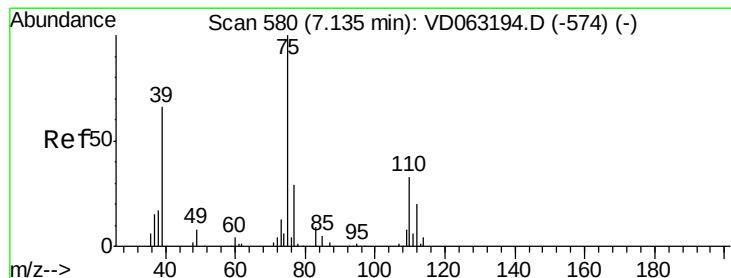
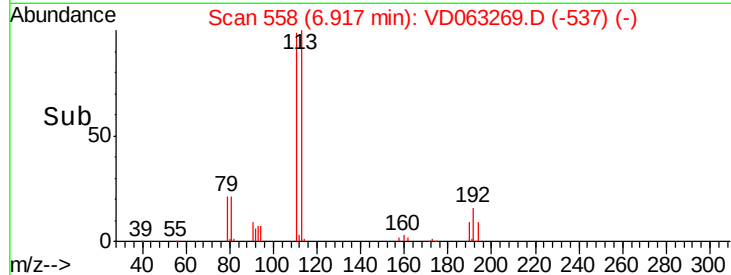
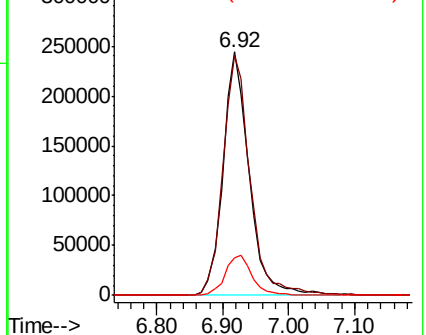
113 100

111 98.6 83.2 124.8

192 15.7 11.8 17.8



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: 5.981 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

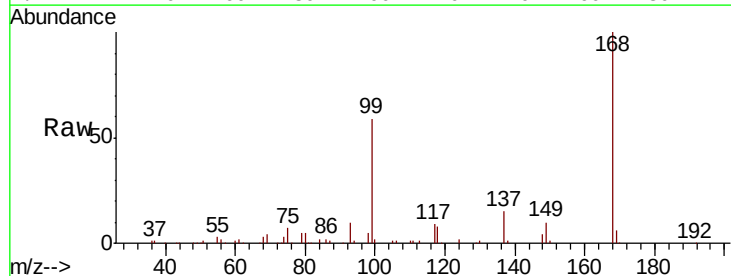
Tgt Ion: 75 Resp: 82414

Ion Ratio Lower Upper

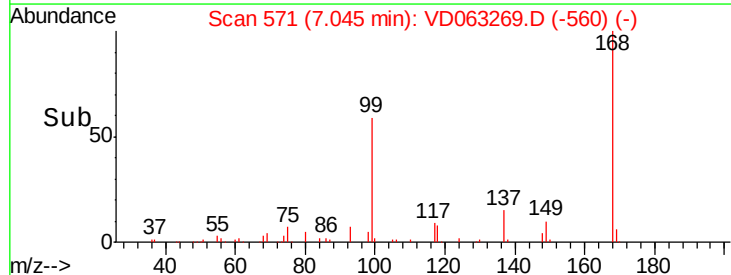
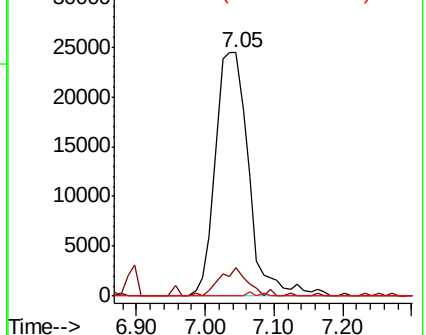
75 100

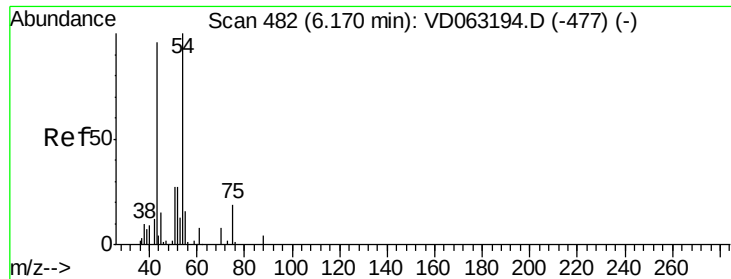
110 11.9 16.1 48.2#

77 0.0 22.7 34.1#



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: 1.297 ug/l

RT: 6.16 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

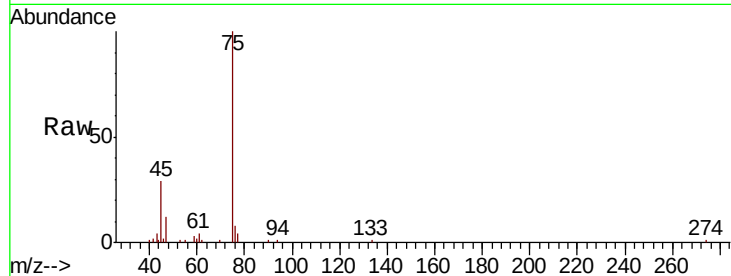
Tot Ion: 43 Resp: 8031

Ion Ratio Lower Upper

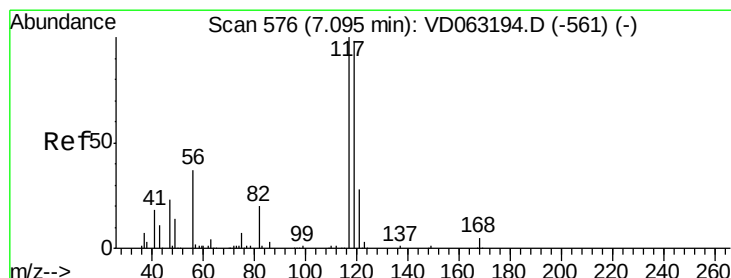
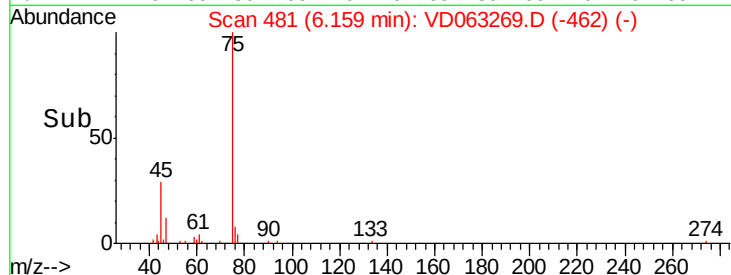
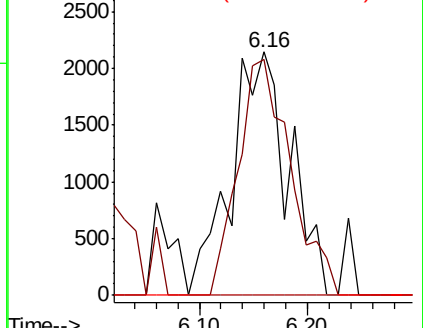
43 100

61 96.7 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: 5.137 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

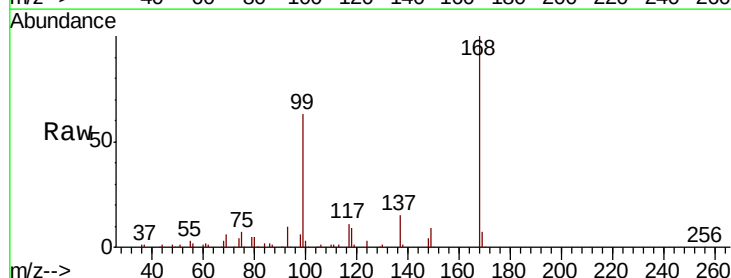
Tgt Ion: 117 Resp: 106570

Ion Ratio Lower Upper

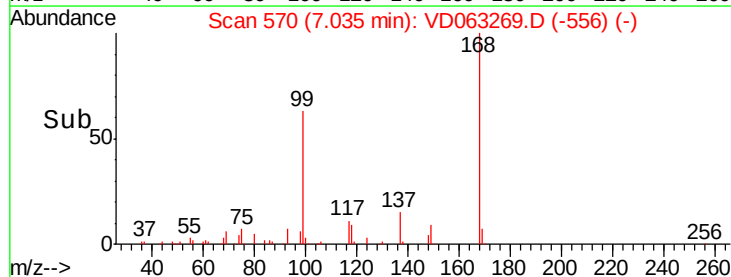
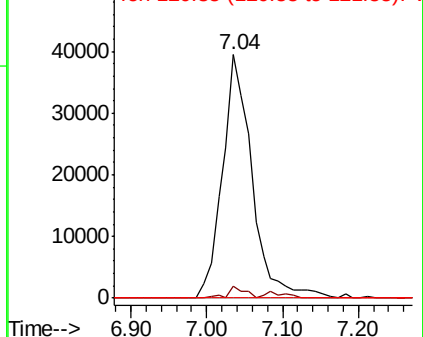
117 100

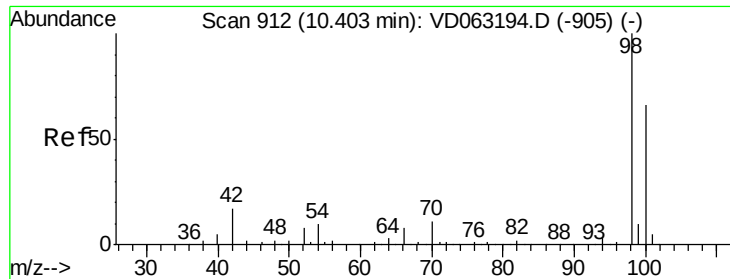
119 4.9 78.2 117.2#

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

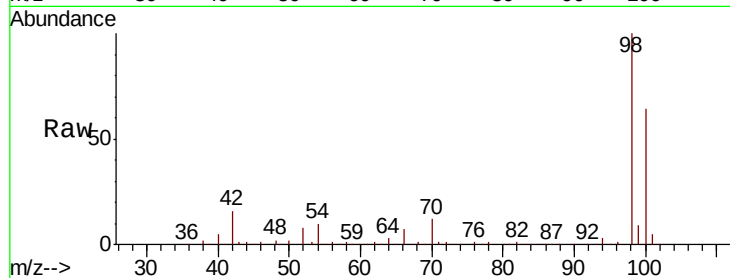




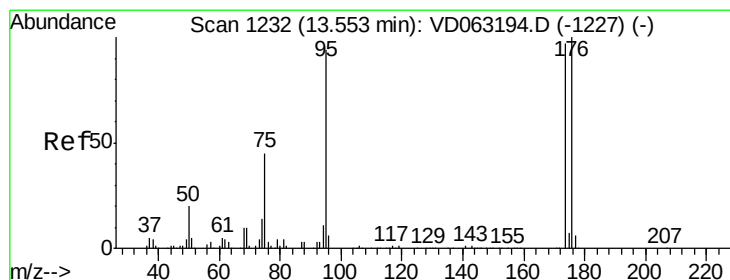
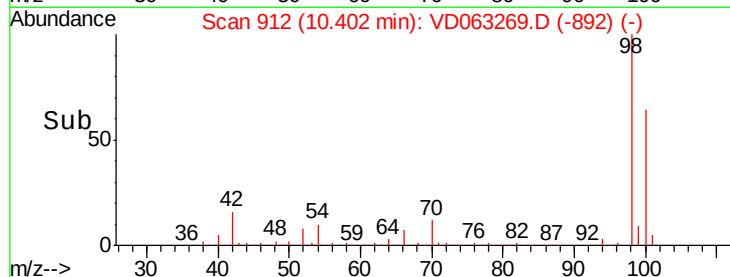
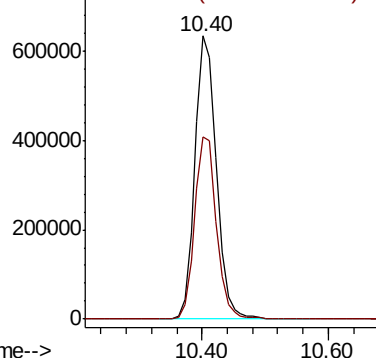
#50
Toluene-d8
Concen: 51.800 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063269.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1494423
Ion Ratio Lower Upper
98 100
100 64.3 53.2 79.8

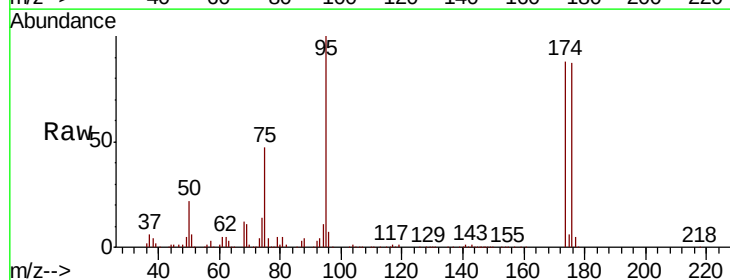


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

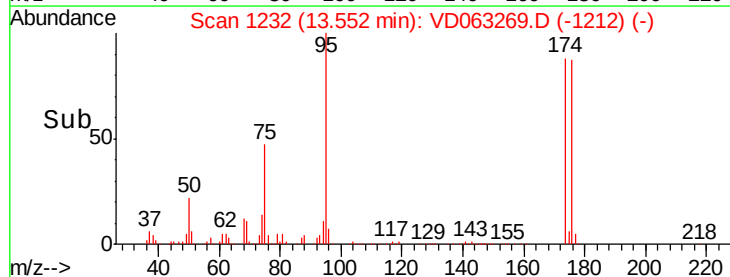
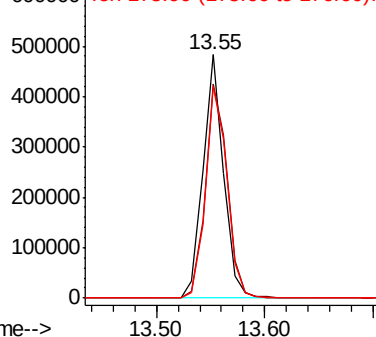


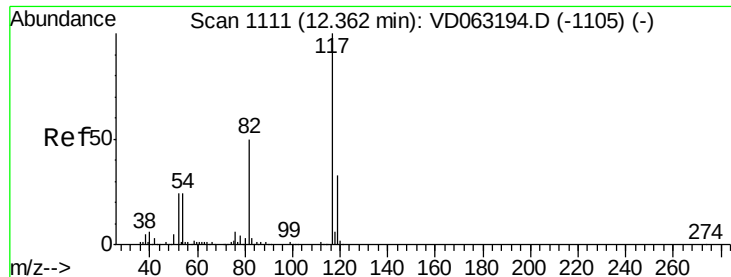
#62
4-Bromofluorobenzene
Concen: 48.500 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063269.D
Acq: 31 Jul 2019 10:40

Tgt Ion: 95 Resp: 637629
Ion Ratio Lower Upper
95 100
174 88.1 0.0 205.4
176 86.8 0.0 211.8



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

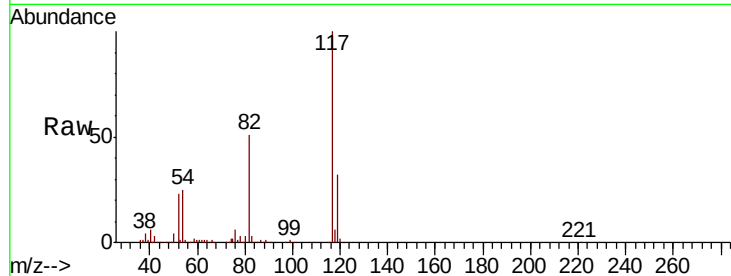




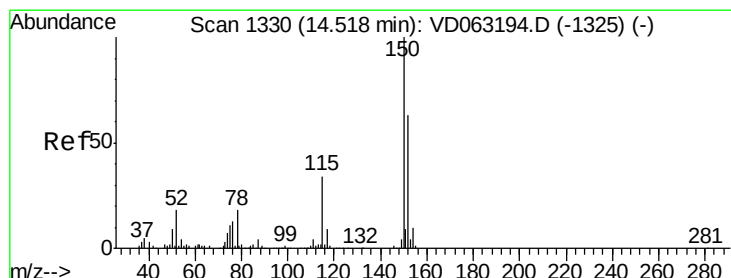
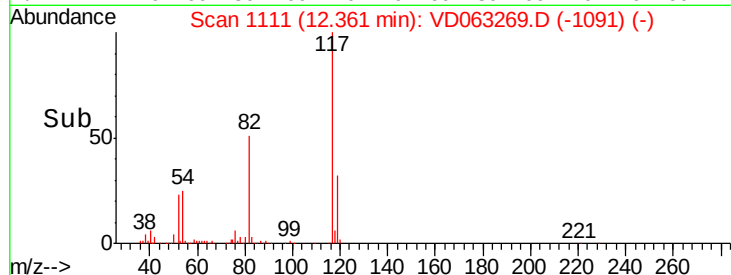
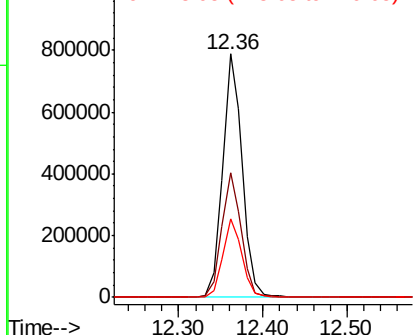
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063269.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 1260417
Ion Ratio Lower Upper
117 100
82 51.4 40.1 60.1
119 32.0 26.5 39.7

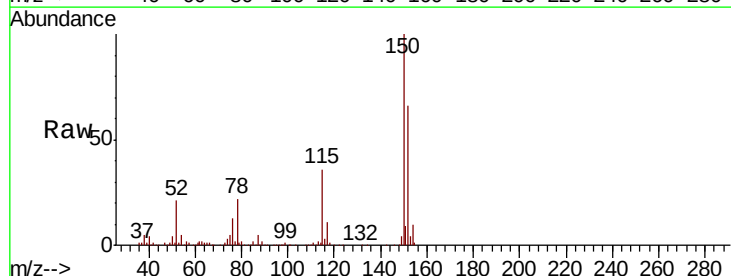


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

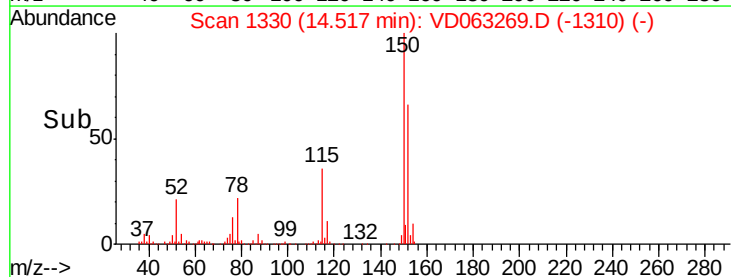
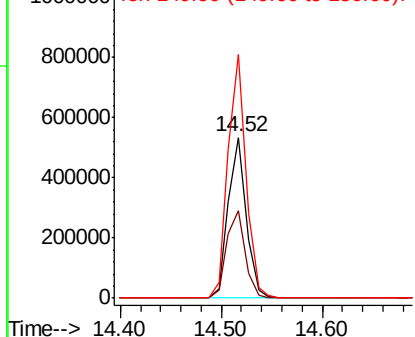


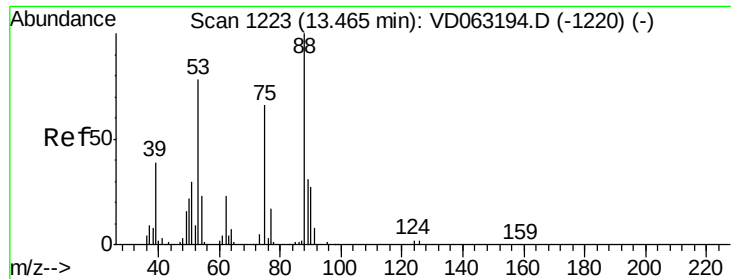
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063269.D
Acq: 31 Jul 2019 10:40

Tgt Ion:152 Resp: 658417
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 151.8 0.0 320.6



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: 133.843 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 293920

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#

