

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061787.D
 Acq On : 12 Apr 2019 19:26
 Operator : VA/AP
 Sample : K2342-06RE
 Misc : 7.03g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 23:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	484429	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	727195	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	537361	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	194579	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	194794	53.05	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	6.91	113	298479	59.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.50%	
50) Toluene-d8	10.39	98	634879	50.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	13.54	95	199623	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	

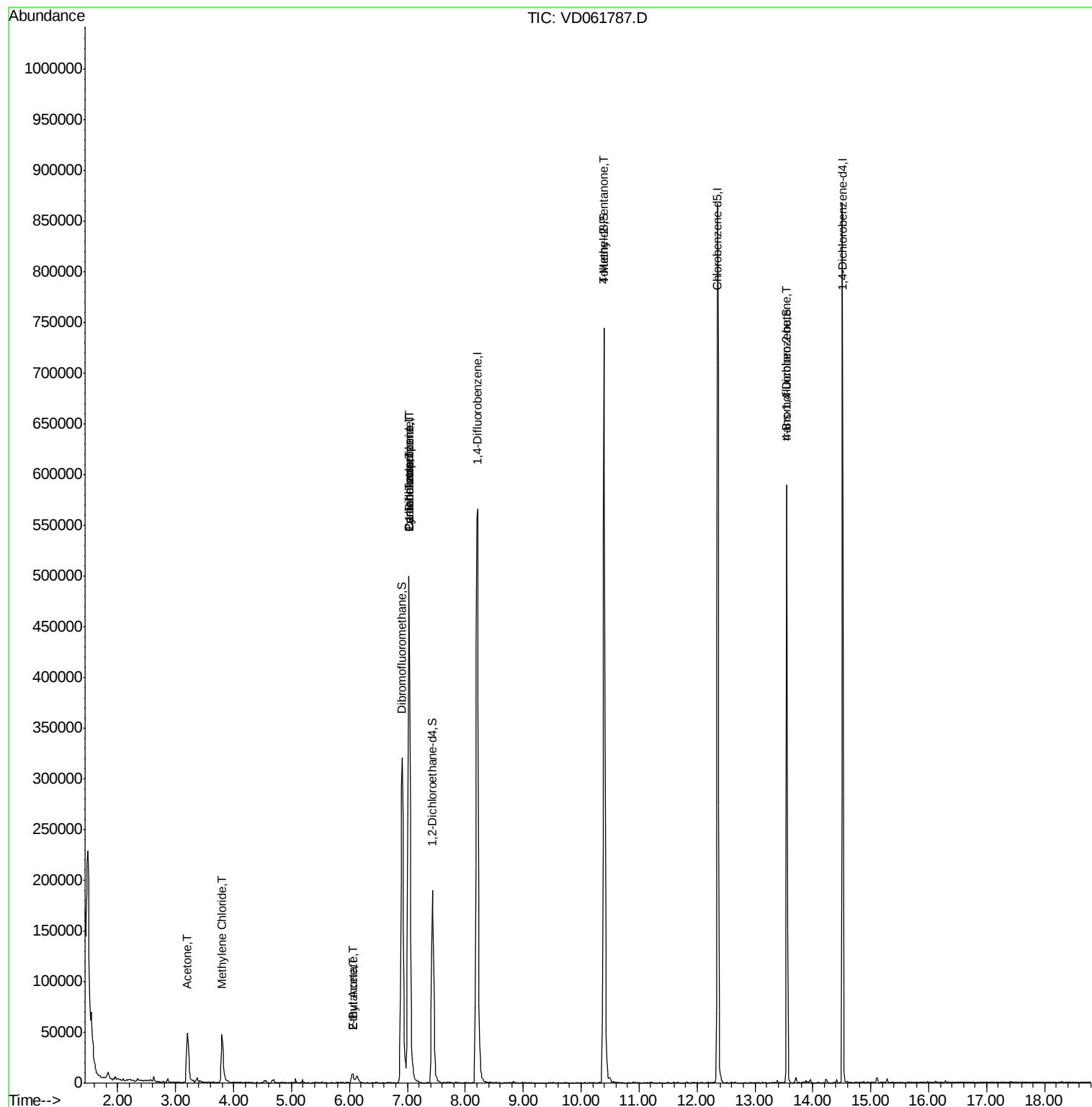
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.20	43	98663	89.884	ug/l	96
20) Methylene Chloride	3.80	84	35640	5.722	ug/l	92
25) 2-Butanone	6.04	43	21757	17.193	ug/l	92
31) Cyclohexane	7.03	56	7931	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	36372	5.715	ug/l #	48
37) Ethyl Acetate	6.04	43	21757	8.393	ug/l #	68
38) Carbon Tetrachloride	7.03	117	47178	6.325	ug/l #	16
51) 4-Methyl-2-Pentanone	10.39	43	2467	1.109	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	77047	95.911	ug/l #	20

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041219\
Data File : VD061787.D
Acq On : 12 Apr 2019 19:26
Operator : VA/AP
Sample : K2342-06RE
Misc : 7.03q/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 23:18:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

Instrument :

MSVOA_D

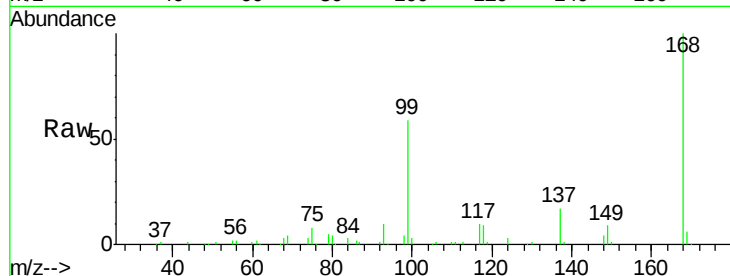
ClientSampleId :

Tot Ion:168 Resp: 484429

Ion Ratio Lower Upper

168 100

99 58.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

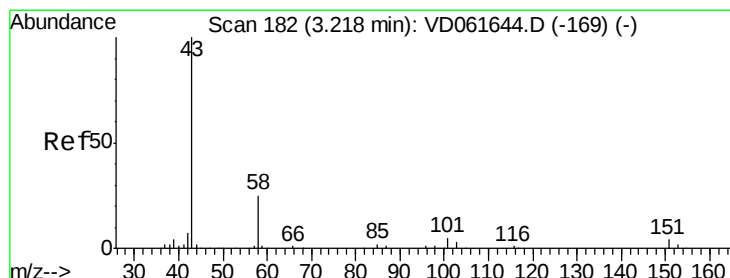
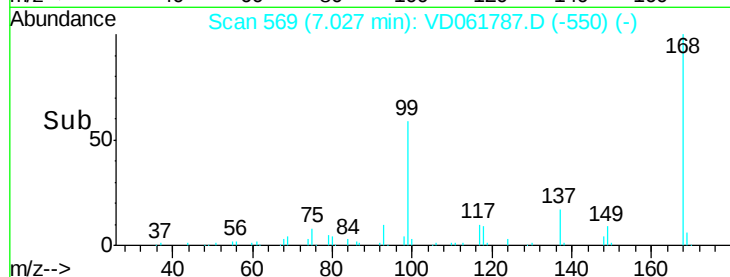
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 89.884 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD061787.D

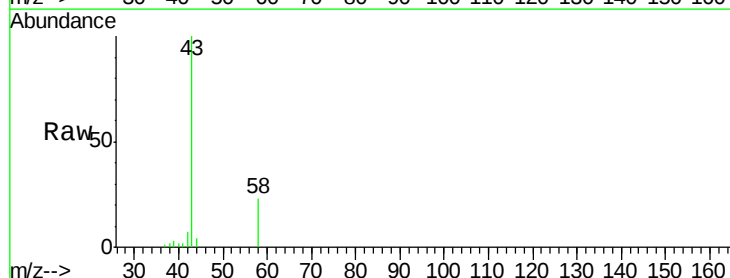
Acq: 12 Apr 2019 19:26

Tgt Ion: 43 Resp: 98663

Ion Ratio Lower Upper

43 100

58 22.9 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

40000

30000

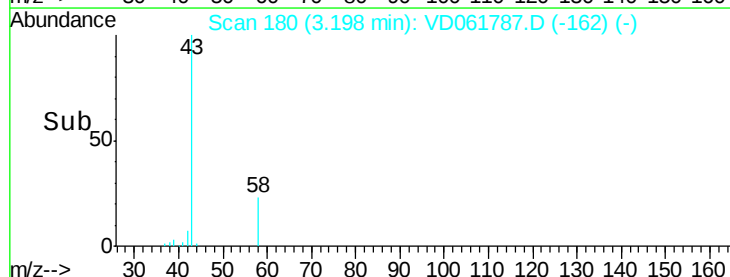
20000

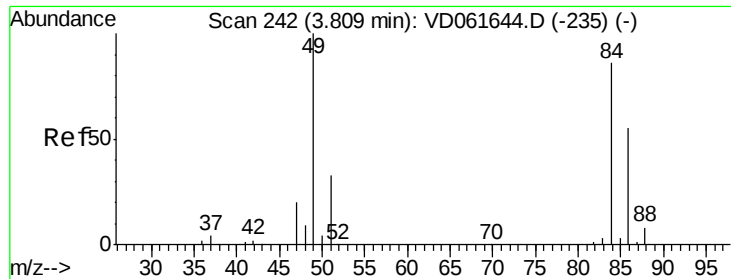
10000

0

3.10 3.20 3.30 3.40

Time-->

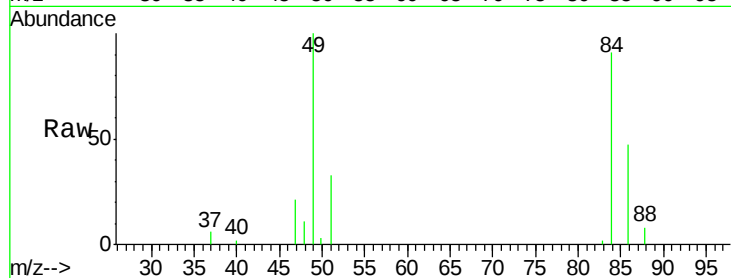




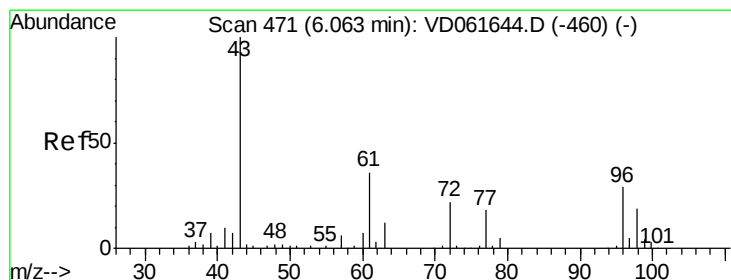
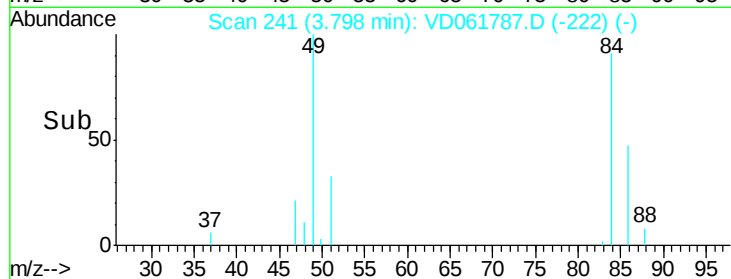
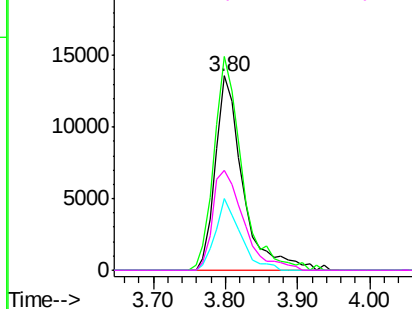
#20
Methylene Chloride
Concen: 5.722 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 35640
Ion Ratio Lower Upper
84 100
49 109.9 93.0 139.4
51 36.7 30.4 45.6
86 51.3 51.0 76.4

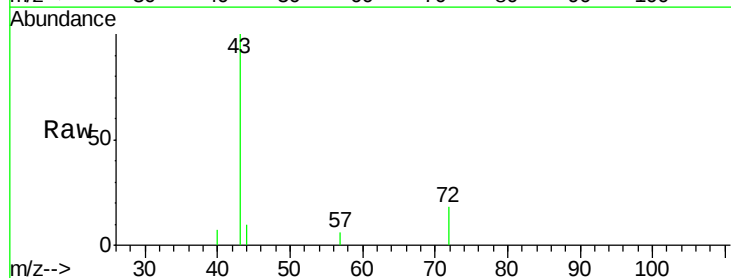


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

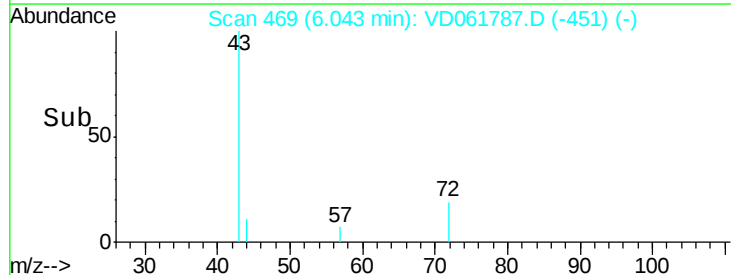
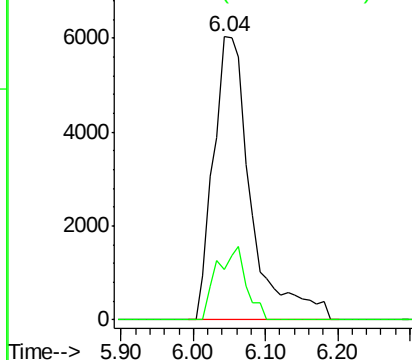


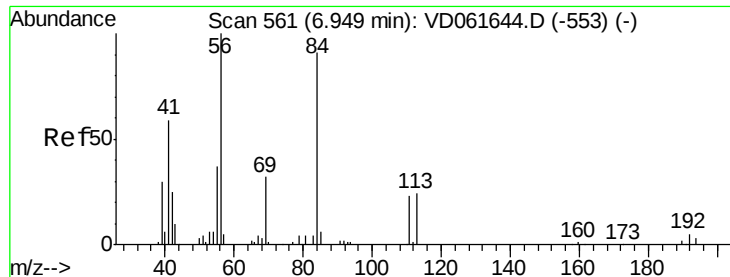
#25
2-Butanone
Concen: 17.193 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.02 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Tgt Ion: 43 Resp: 21757
Ion Ratio Lower Upper
43 100
72 17.8 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

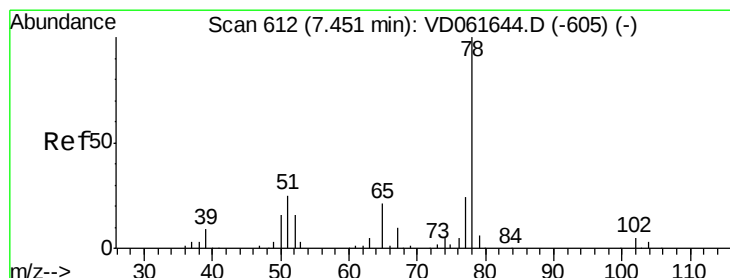
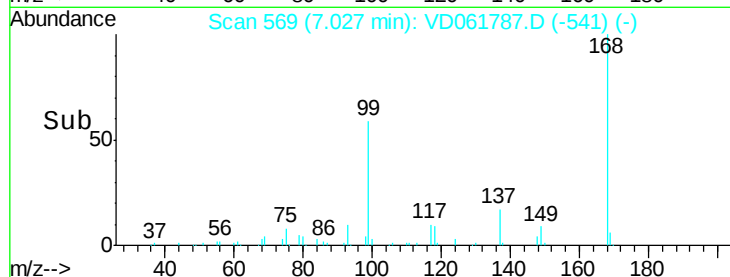
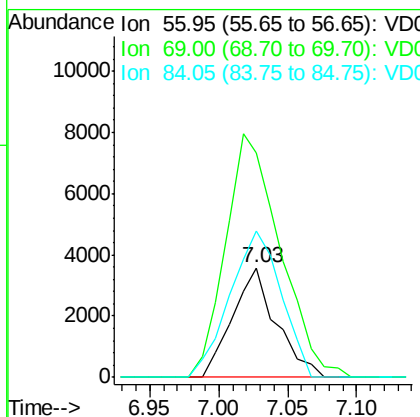
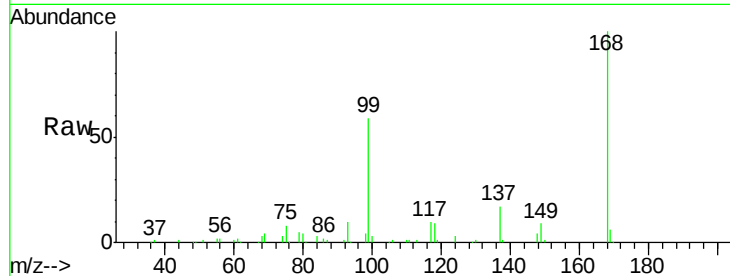




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.08 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

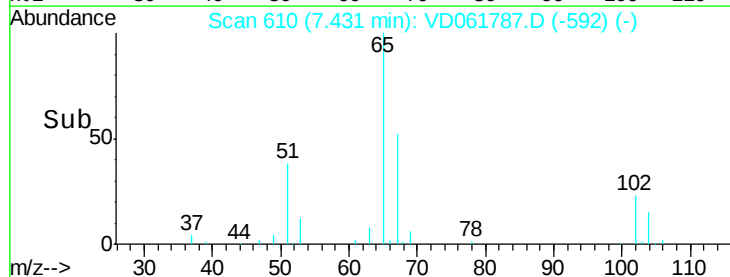
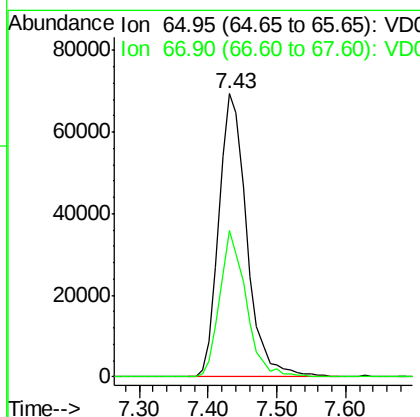
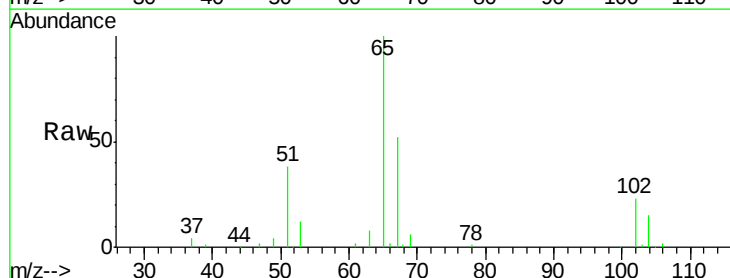
Instrument :
MSVOA_D
ClientSampleId :

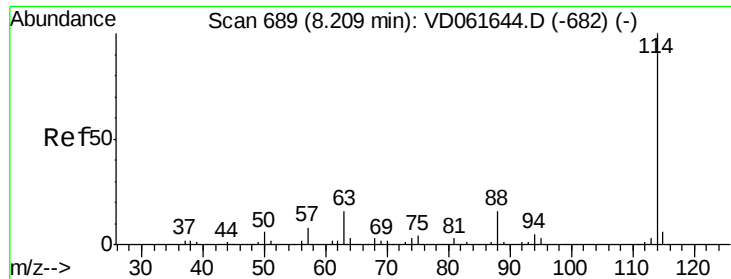
Tot Ion: 56 Resp: 7931
Ion Ratio Lower Upper
56 100
69 204.7 25.8 38.6#
84 132.8 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.02 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Tgt Ion: 65 Resp: 194794
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

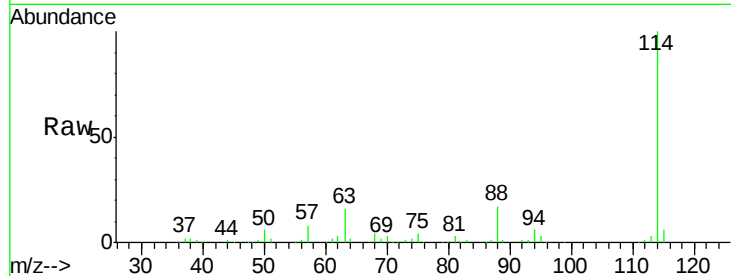




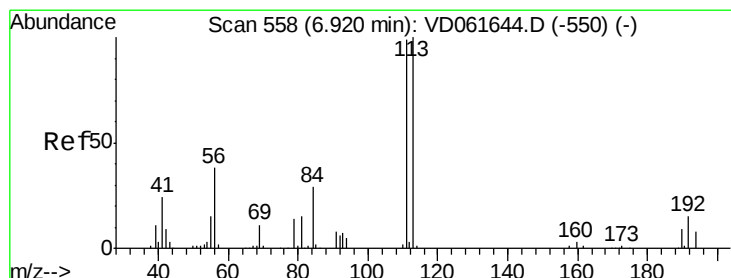
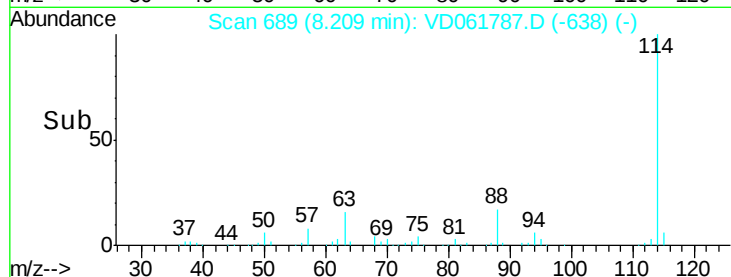
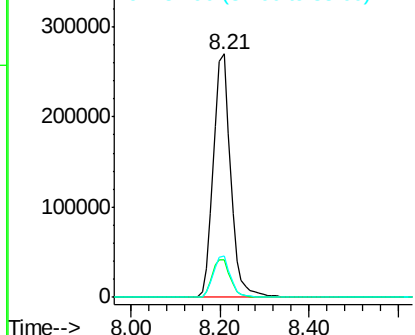
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061787.D
 Acq: 12 Apr 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 727195
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.2
 88 16.8 0.0 31.8

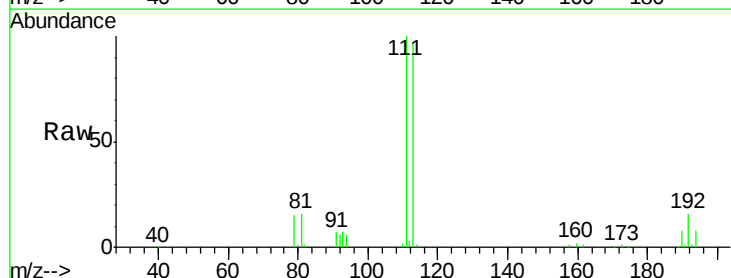


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

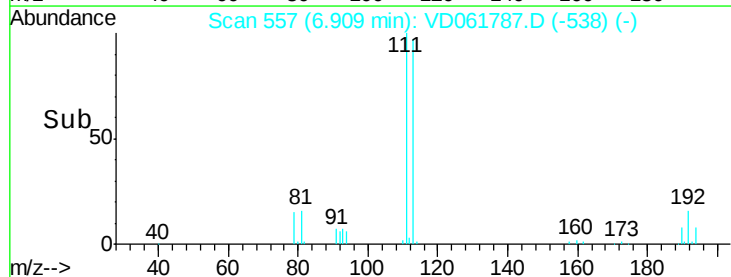
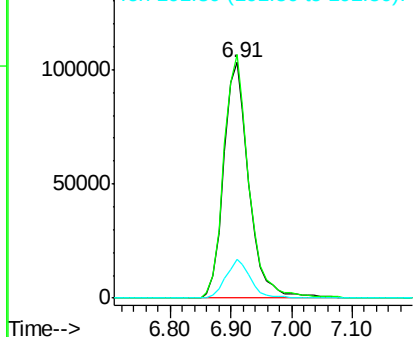


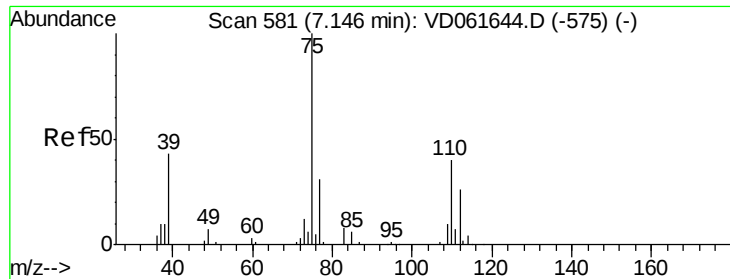
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061787.D
 Acq: 12 Apr 2019 19:26

Tgt Ion:113 Resp: 298479
 Ion Ratio Lower Upper
 113 100
 111 103.3 79.3 118.9
 192 16.5 12.3 18.5



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: 5.715 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

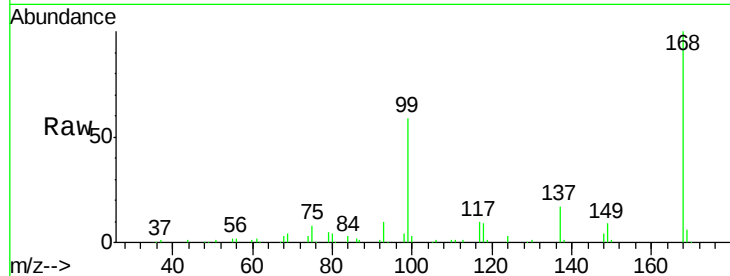
Tot Ion: 75 Resp: 36372

Ion Ratio Lower Upper

75 100

110 9.8 19.7 59.0#

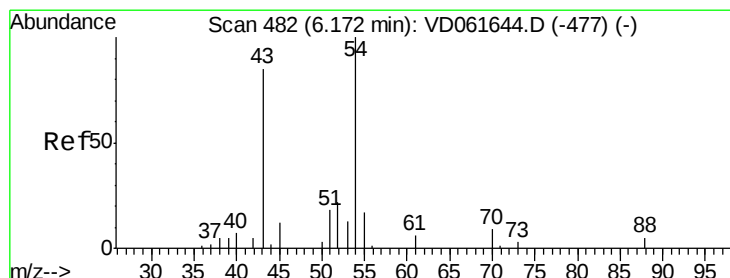
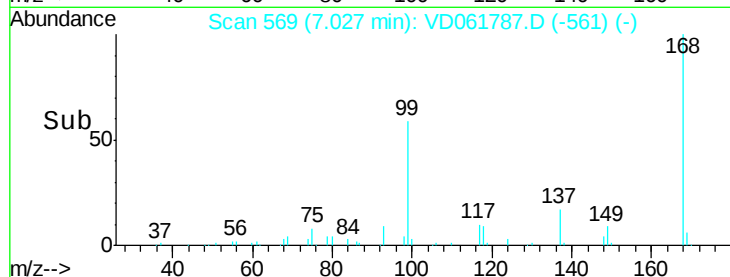
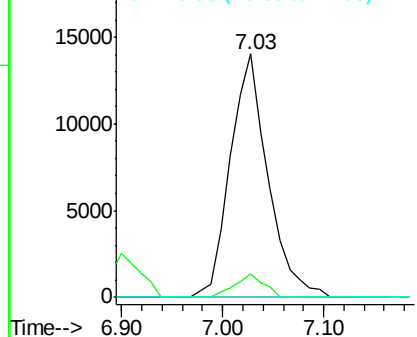
77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 8.393 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.13 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

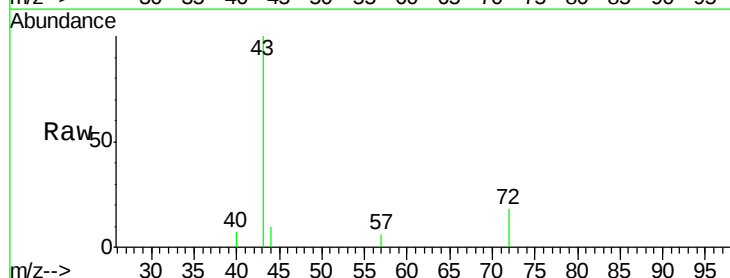
Tgt Ion: 43 Resp: 21757

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

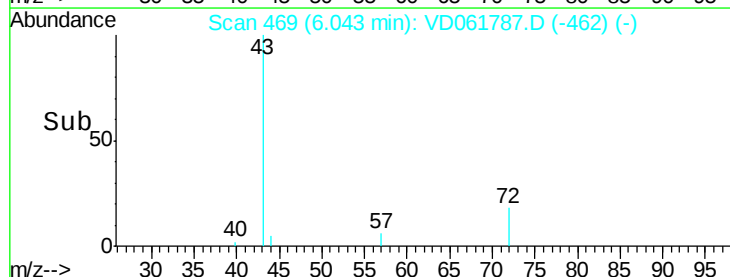
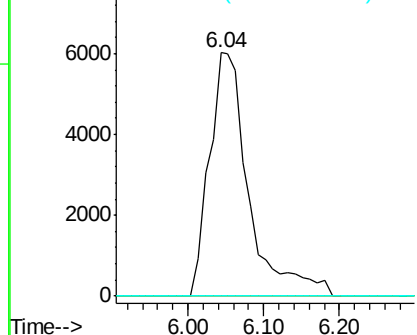
70 0.0 6.9 10.3#

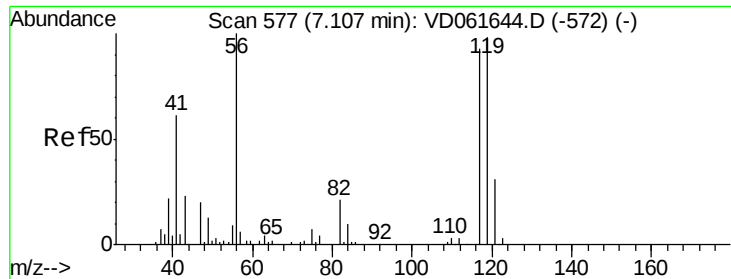


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

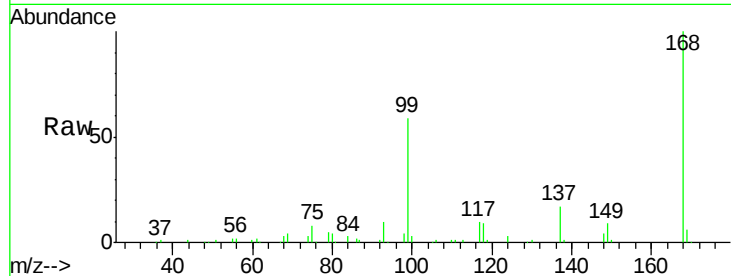




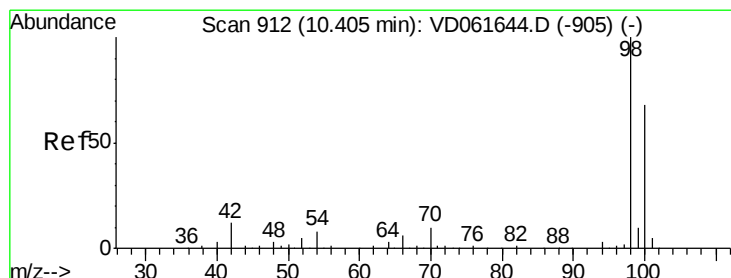
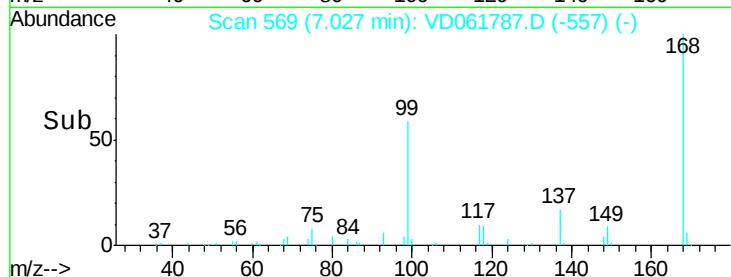
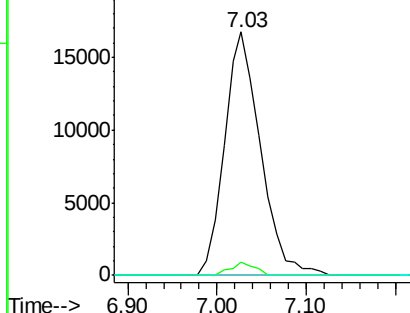
#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.08 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 47178
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.7 37.1#

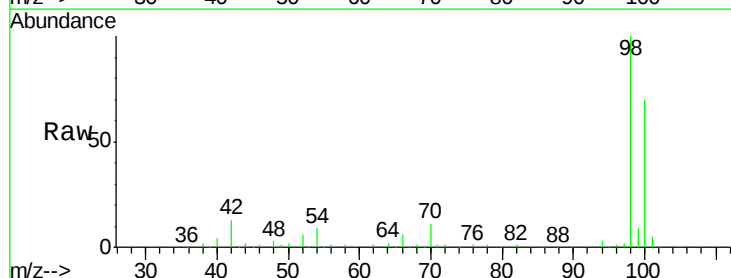


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

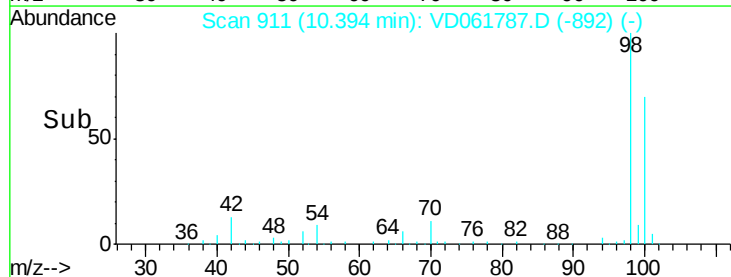
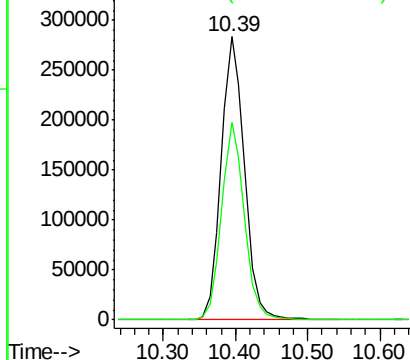


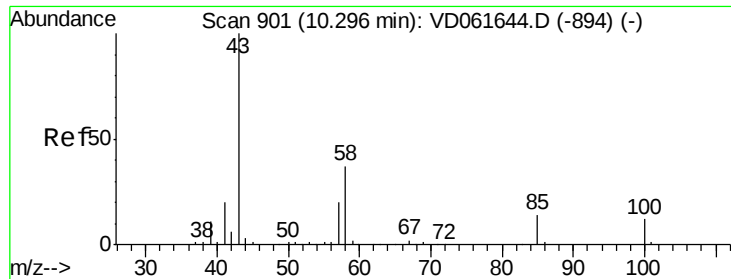
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Tgt Ion: 98 Resp: 634879
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.109 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.10 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

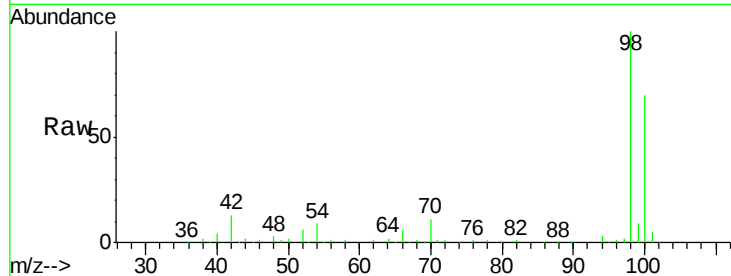
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 2467

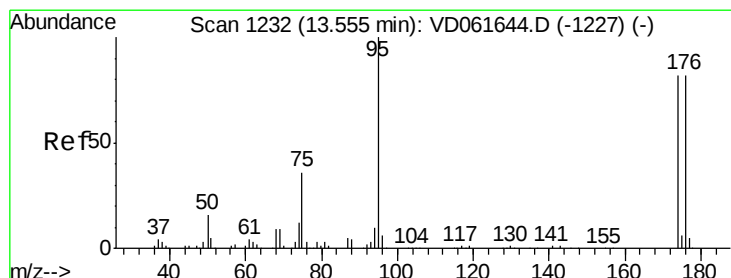
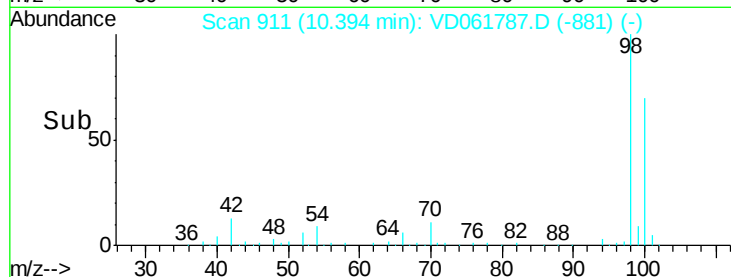
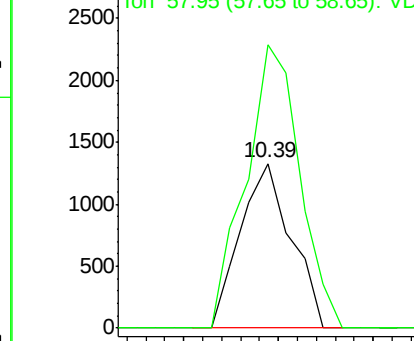
Ion Ratio Lower Upper

43 100

58 172.1 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

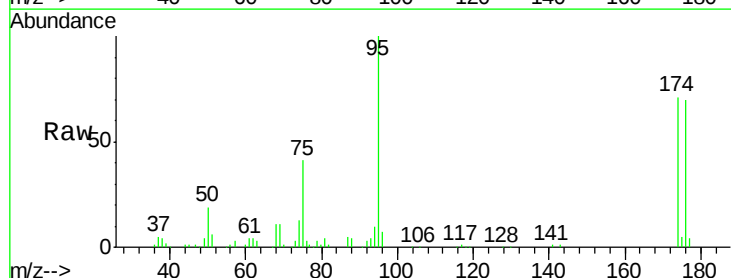
Tgt Ion: 95 Resp: 199623

Ion Ratio Lower Upper

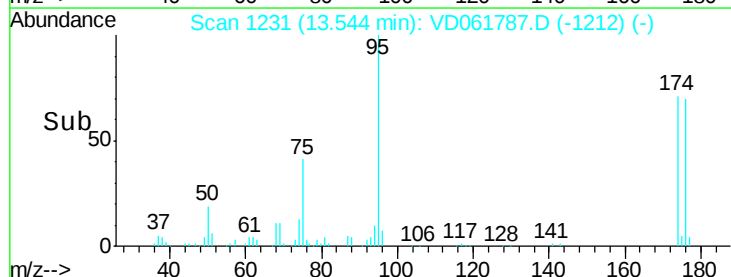
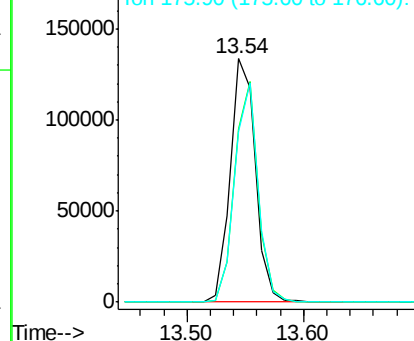
95 100

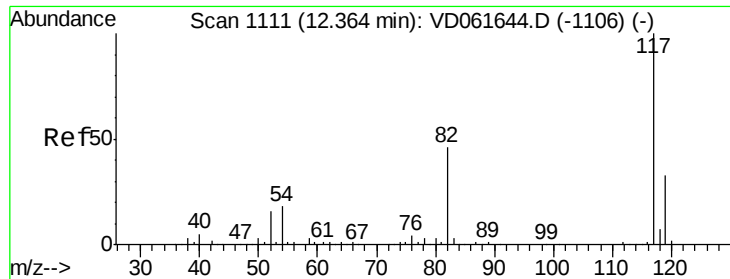
174 71.1 0.0 164.6

176 70.2 0.0 165.0



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

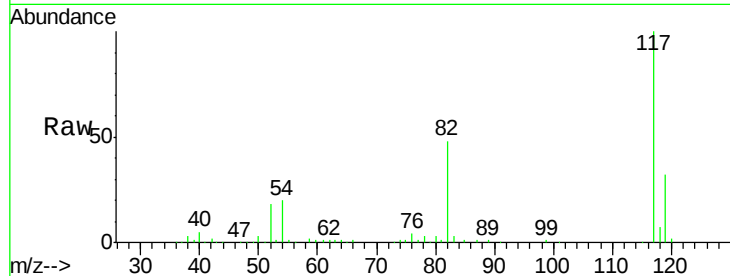




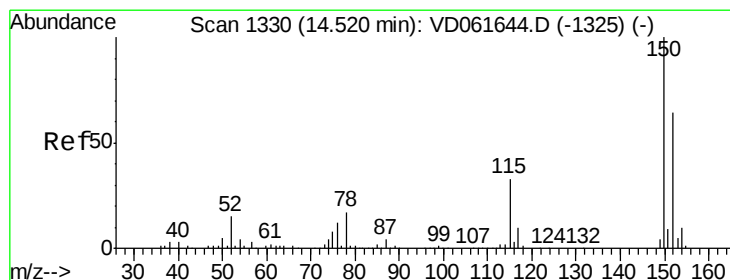
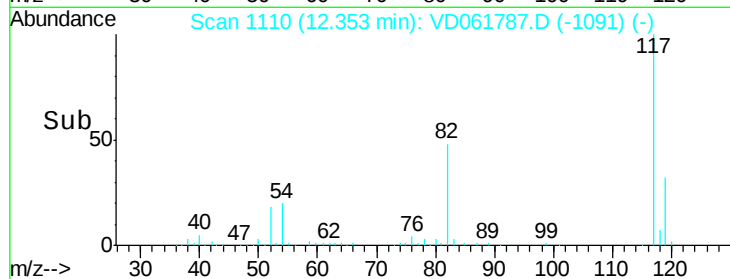
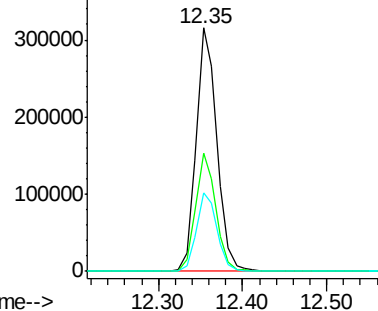
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 537361
Ion Ratio Lower Upper
117 100
82 48.5 36.8 55.2
119 32.0 26.1 39.1

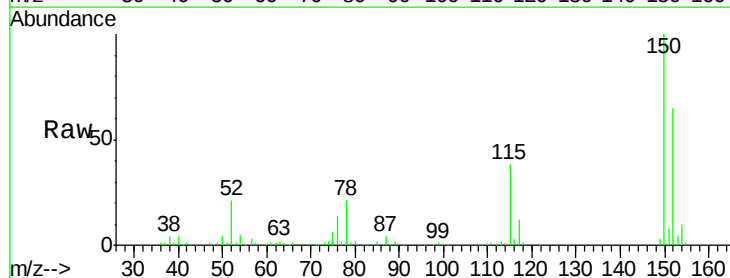


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

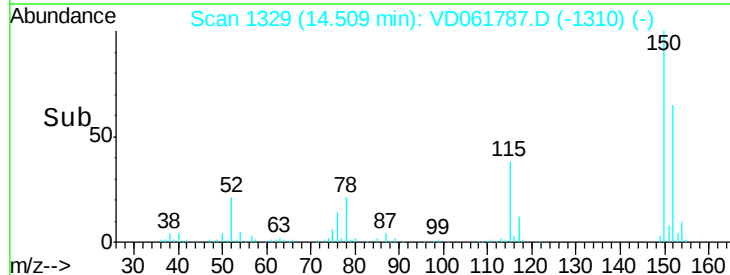
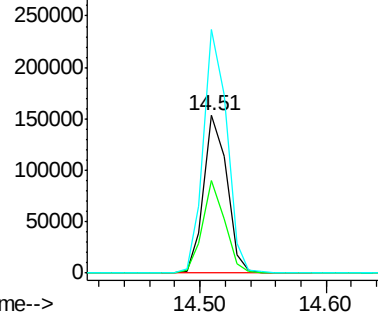


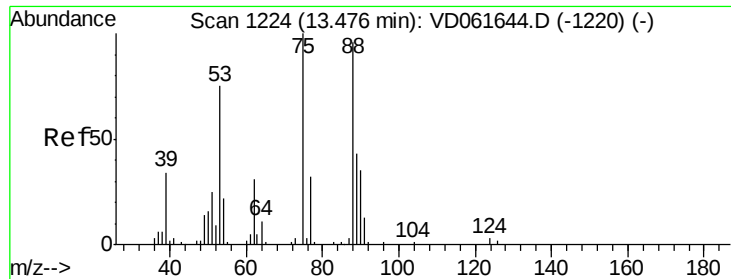
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061787.D
Acq: 12 Apr 2019 19:26

Tgt Ion:152 Resp: 194579
Ion Ratio Lower Upper
152 100
115 58.9 26.4 79.2
150 154.8 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: 95.911 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD061787.D

Acq: 12 Apr 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

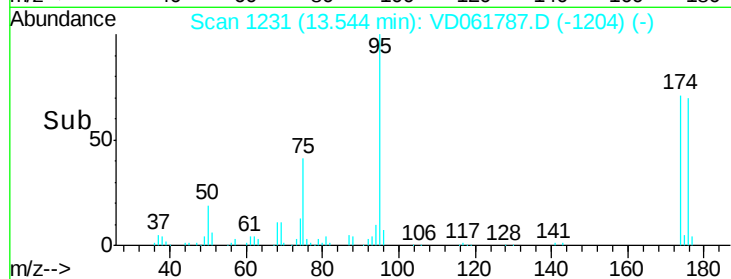
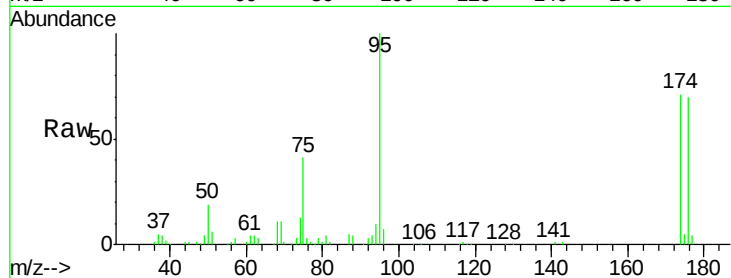
Tot Ion: 75 Resp: 77047

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

