

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061441.D
 Acq On : 29 Mar 2019 20:33
 Operator : VA/AP
 Sample : K2105-02RE
 Misc : 4.52g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 29 23:47:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	492526	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	868006	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	678589	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	250227	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	173791	41.31	ug/l	0.02
Spiked Amount			Recovery	=	82.62%	
35) Dibromofluoromethane	6.93	113	283623	42.76	ug/l	0.03
Spiked Amount			Recovery	=	85.52%	
50) Toluene-d8	10.41	98	624294	39.24	ug/l	0.03
Spiked Amount			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.56	95	217808	35.70	ug/l	0.02
Spiked Amount			Recovery	=	71.40%	

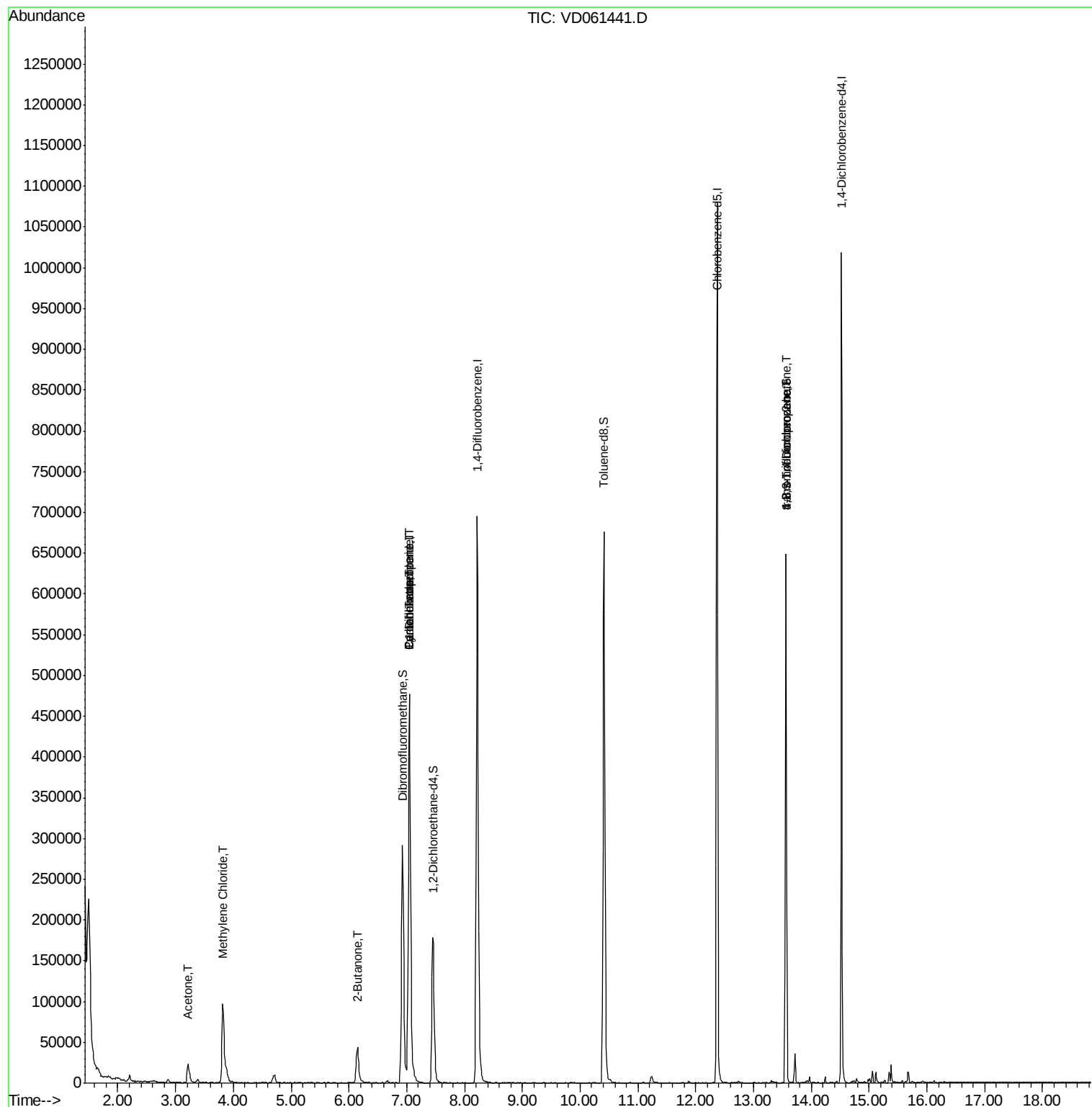
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	47714	44.116	ug/l	92
20) Methylene Chloride	3.82	84	75790	11.012	ug/l	94
25) 2-Butanone	6.15	43	2226	1.636	ug/l #	54
31) Cyclohexane	7.05	56	7582	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	35714	4.714	ug/l #	45
38) Carbon Tetrachloride	7.05	117	46694	5.364	ug/l #	13
76) 1,2,3-Trichloropropane	13.55	75	68690	19.004	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.55	75	77753	70.550	ug/l #	18

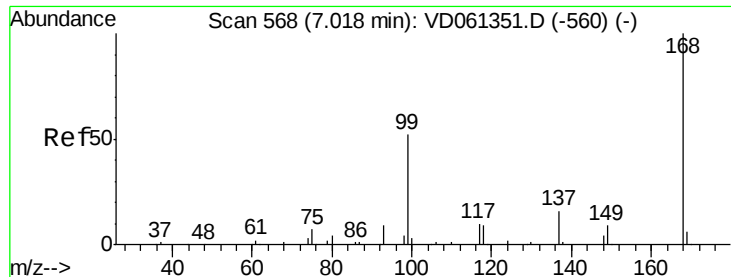
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032919\
Data File : VD061441.D
Acq On : 29 Mar 2019 20:33
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Quant Time: Mar 29 23:47:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

Instrument :

MSVOA_D

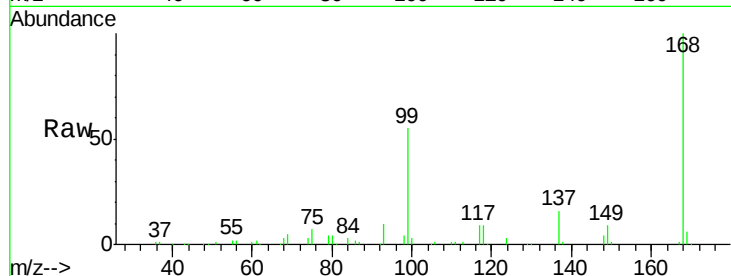
ClientSampleId :

Tot Ion:168 Resp: 492526

Ion Ratio Lower Upper

168 100

99 55.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

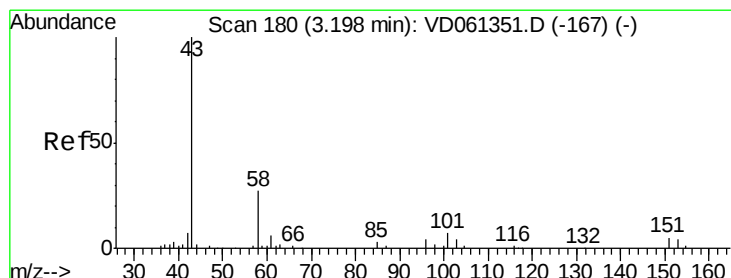
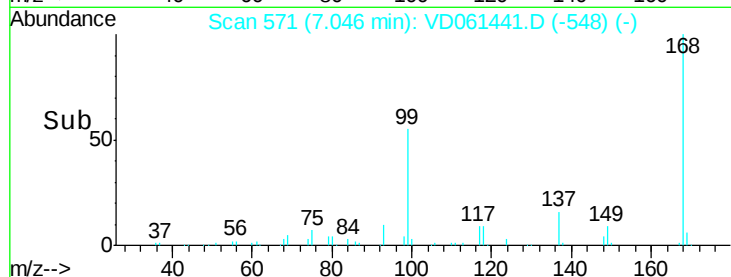
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 44.116 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061441.D

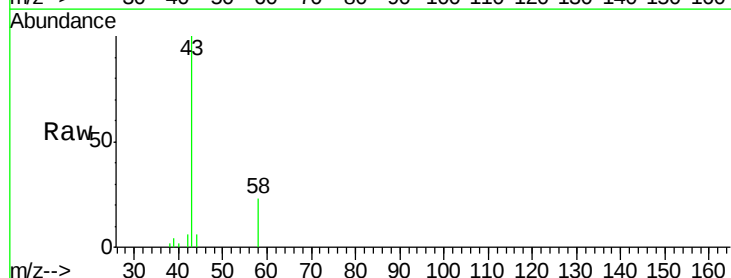
Acq: 29 Mar 2019 20:33

Tgt Ion: 43 Resp: 47714

Ion Ratio Lower Upper

43 100

58 22.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

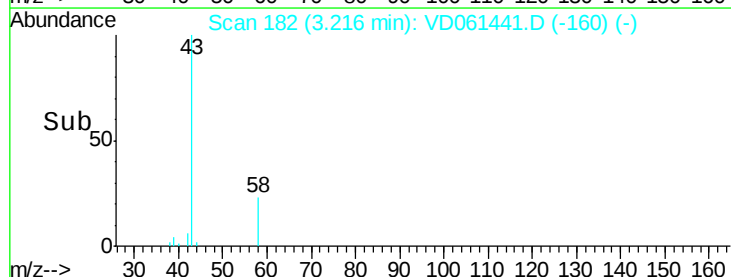
15000

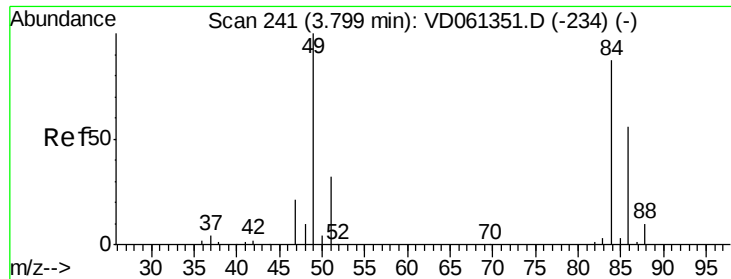
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

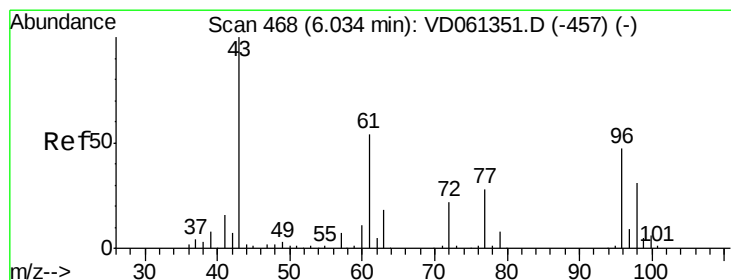
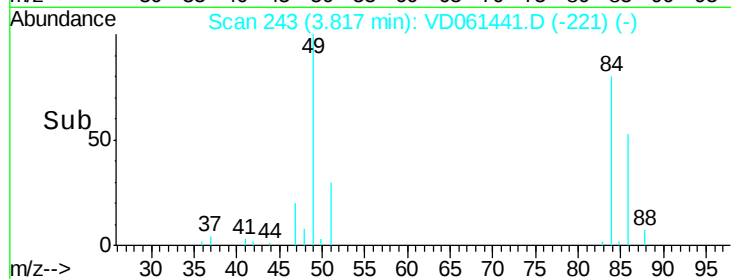
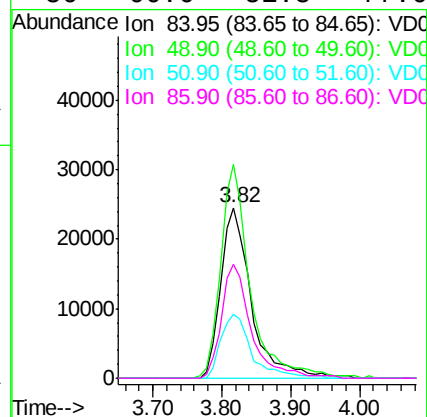
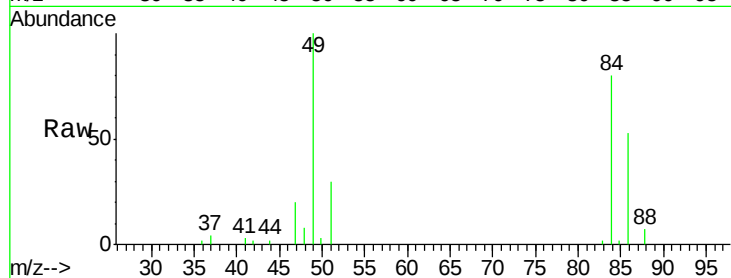




#20
Methvlene Chloride
Concen: 11.012 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

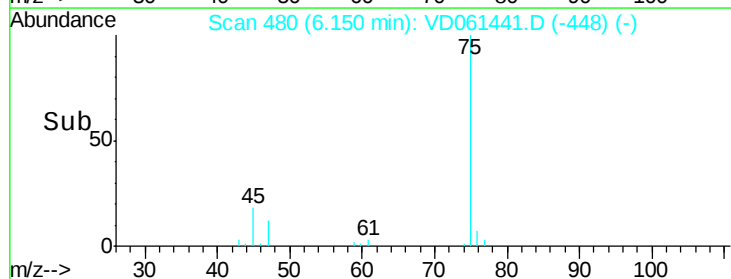
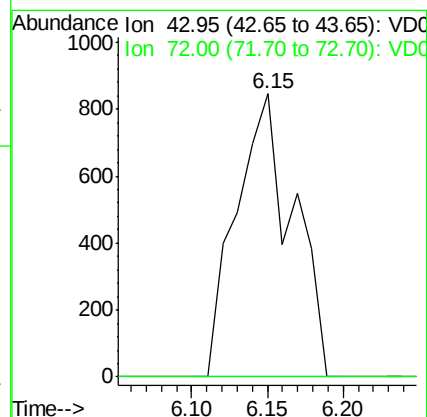
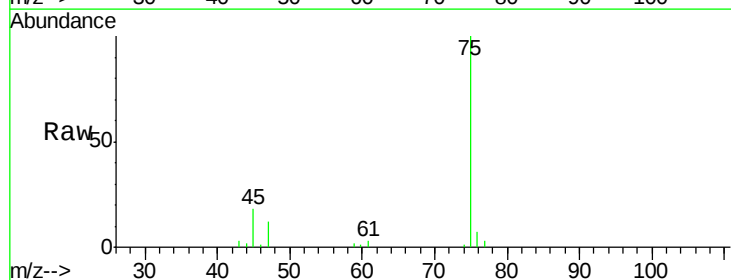
Instrument :
MSVOA_D
ClientSampled :

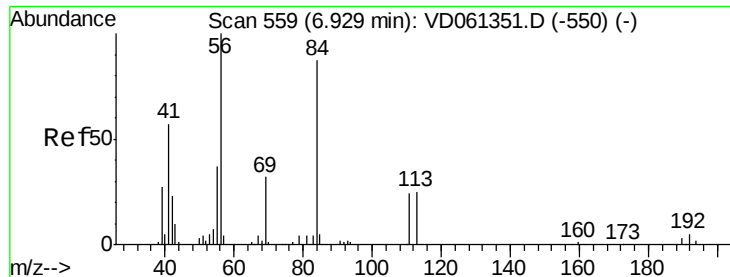
Tot Ion: 84 Resp: 75790
Ion Ratio Lower Upper
84 100
49 125.1 91.8 137.8
51 37.7 29.8 44.8
86 66.6 51.8 77.6



#25
2-Butanone
Concen: 1.636 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.12 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

Tgt Ion: 43 Resp: 2226
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#

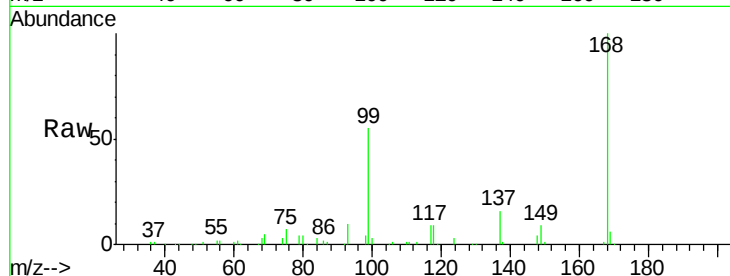




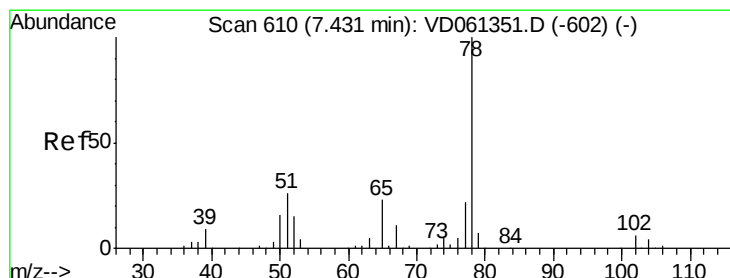
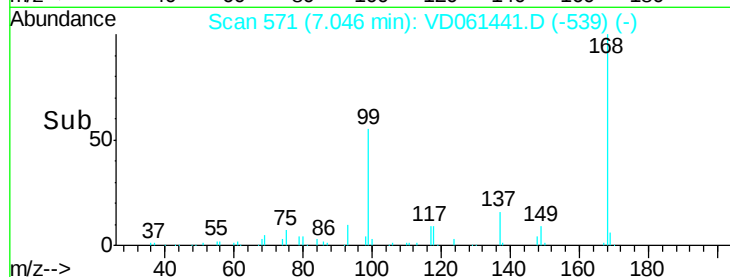
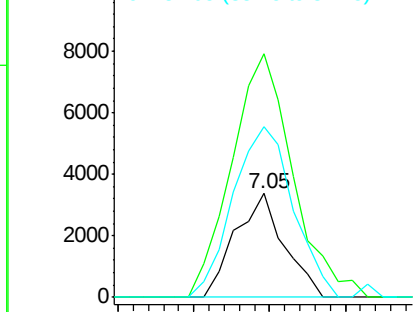
#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.12 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 7582
Ion Ratio Lower Upper
56 100
69 234.8 25.7 38.5#
84 164.2 70.6 105.8#

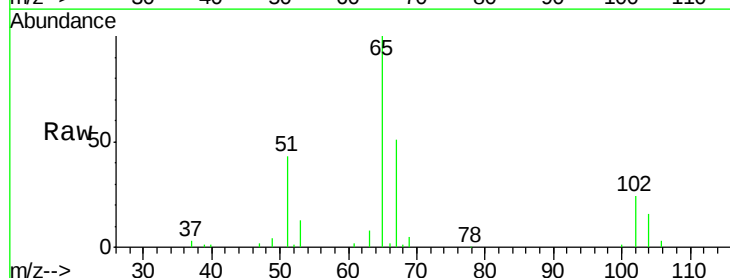


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

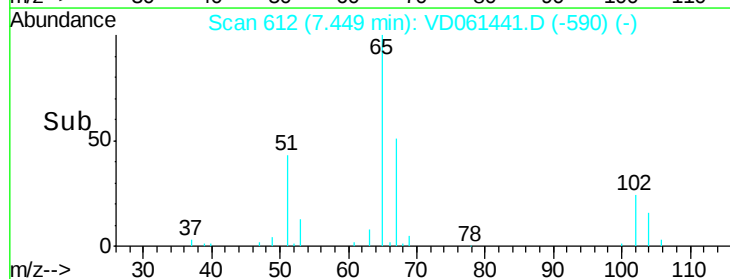
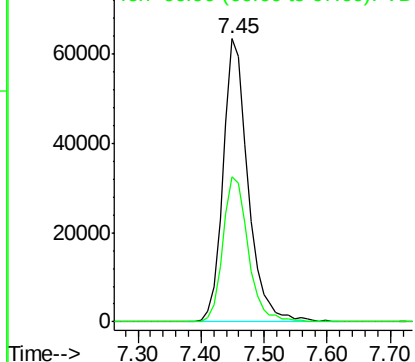


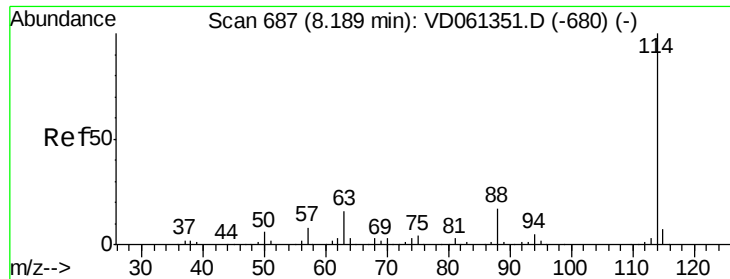
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

Tgt Ion: 65 Resp: 173791
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

Instrument :

MSVOA_D

ClientSampleId :

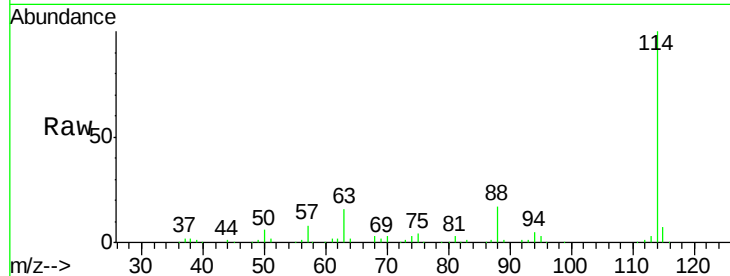
Tot Ion:114 Resp: 868006

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.6

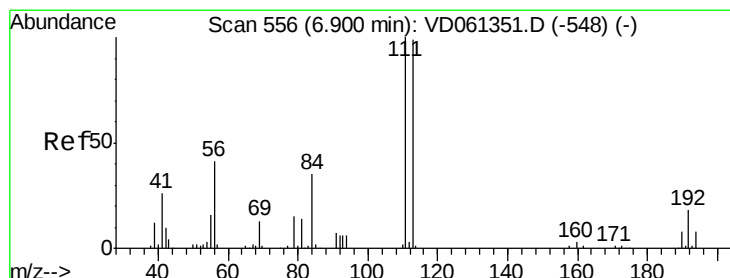
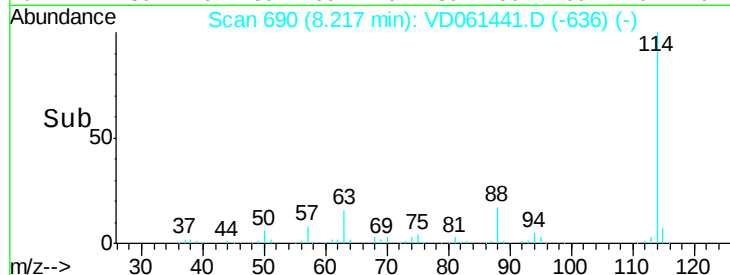
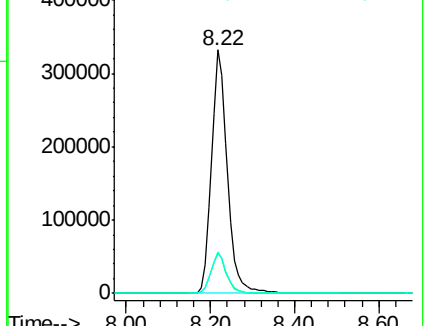
88 16.9 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD061441.D

Acq: 29 Mar 2019 20:33

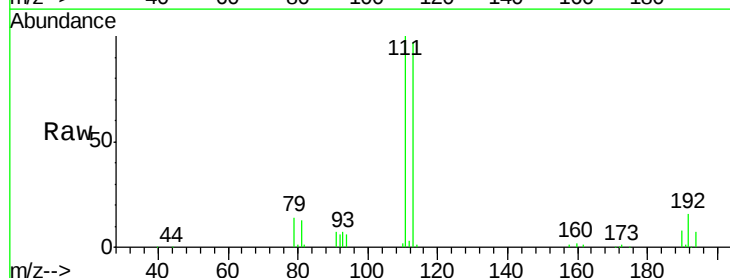
Tgt Ion:113 Resp: 283623

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

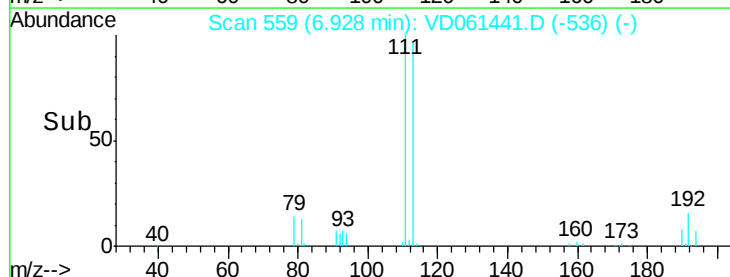
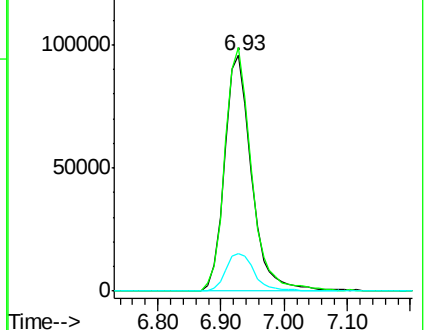
192 16.0 14.4 21.6

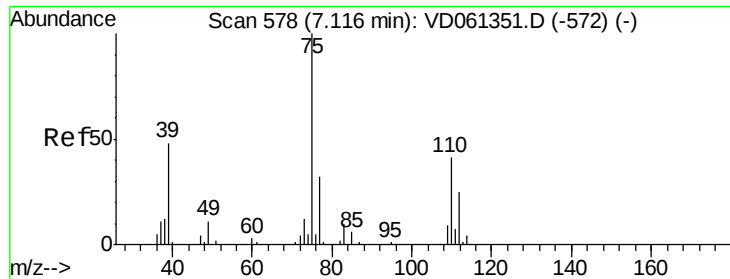


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

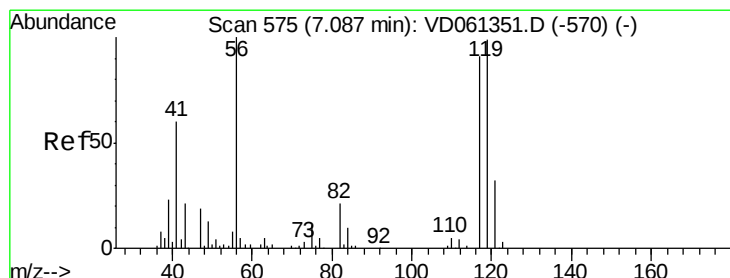
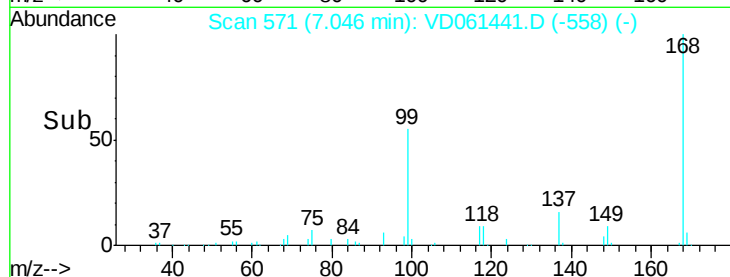
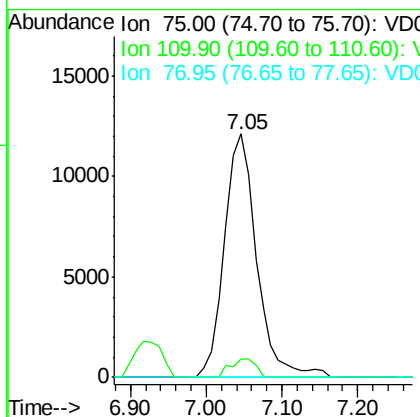
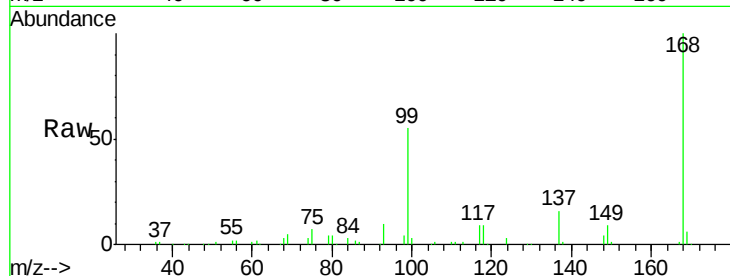




#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

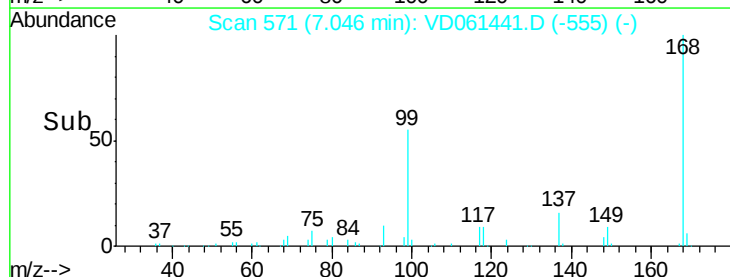
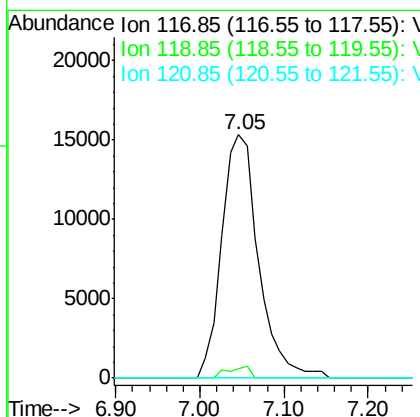
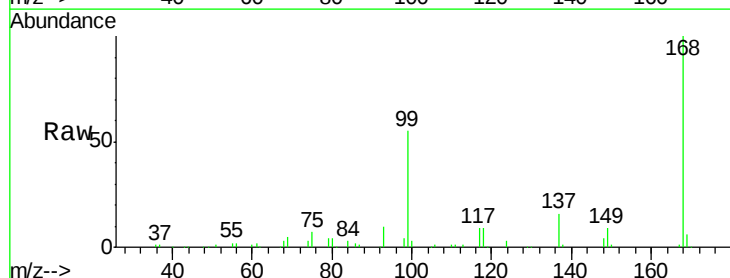
Instrument :
 MSVOA_D
 ClientSampleId :

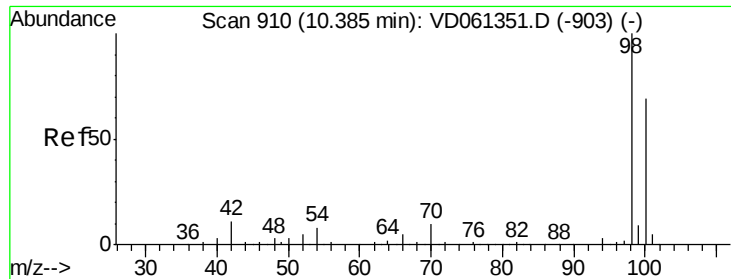
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.364 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	80.1	120.1#
121	0.0	25.6	38.4#

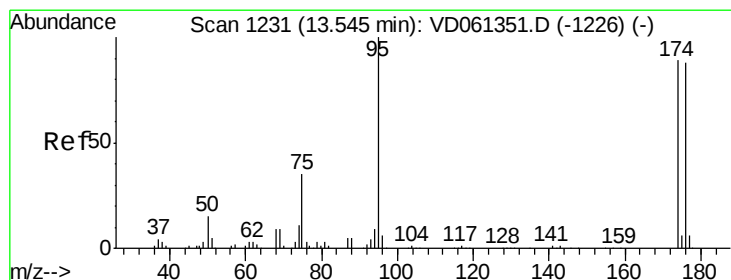
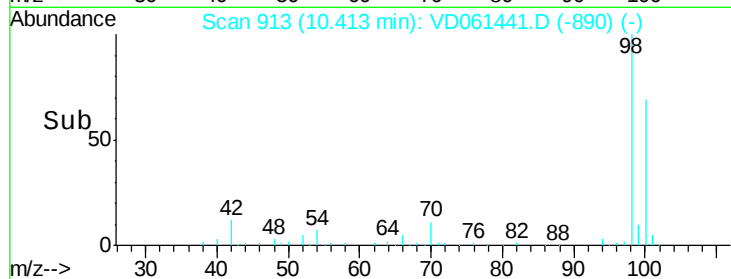
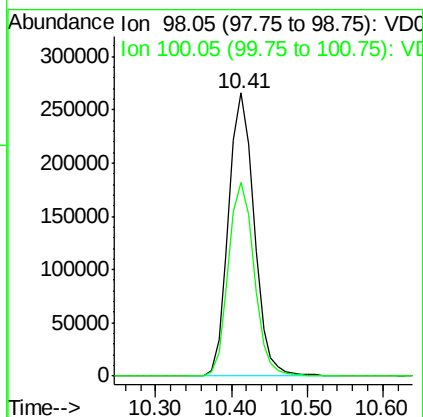
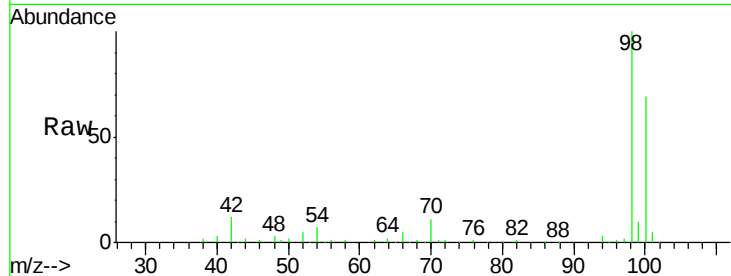




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

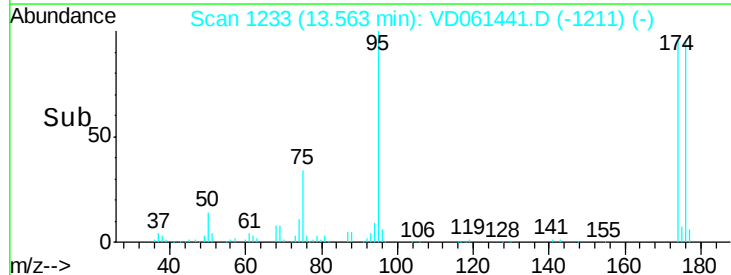
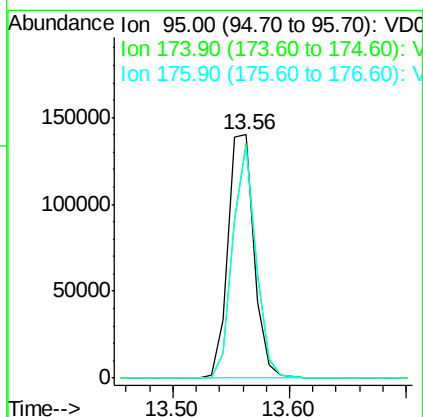
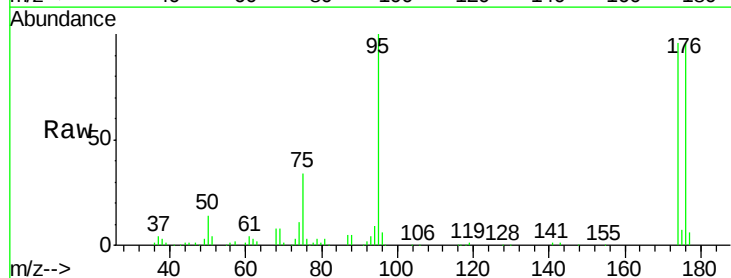
Instrument :
MSVOA_D
ClientSampleId :

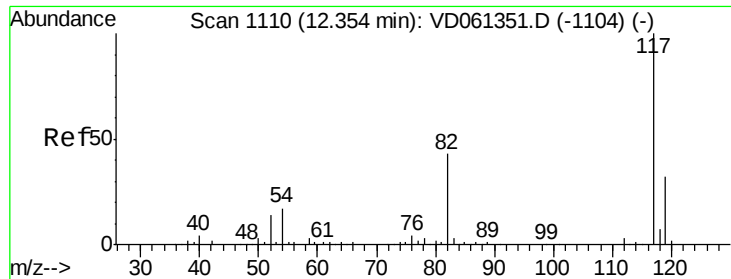
Tot Ion: 98 Resp: 624294
Ion Ratio Lower Upper
98 100
100 68.5 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061441.D
Acq: 29 Mar 2019 20:33

Tgt Ion: 95 Resp: 217808
Ion Ratio Lower Upper
95 100
174 96.3 0.0 178.0
176 95.5 0.0 175.0

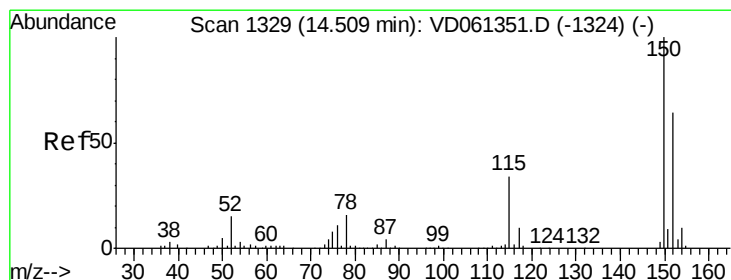
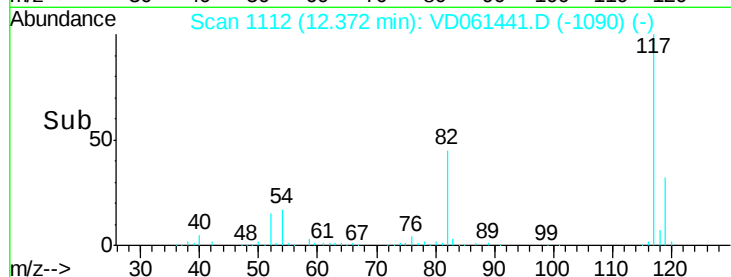
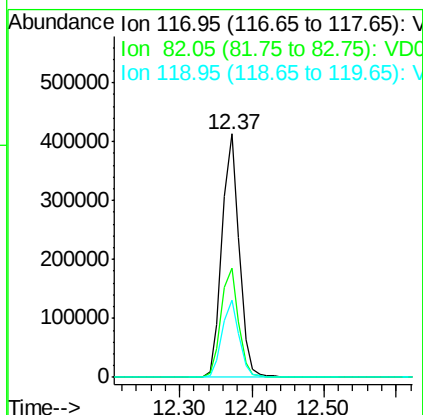
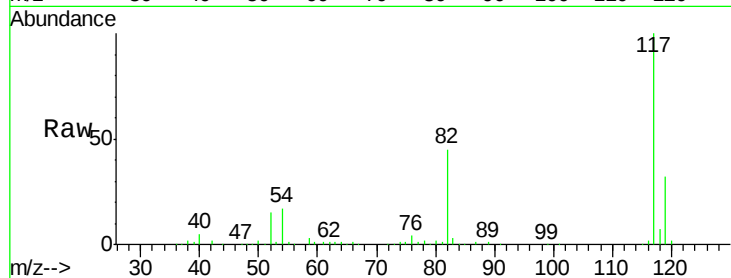




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

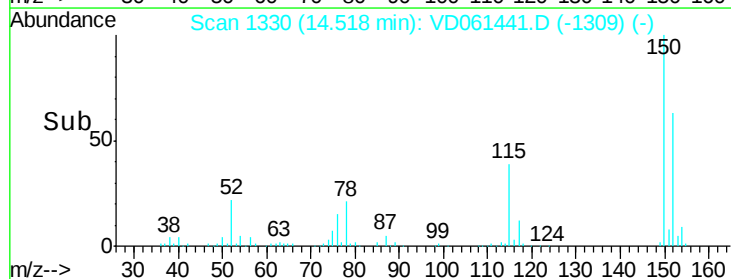
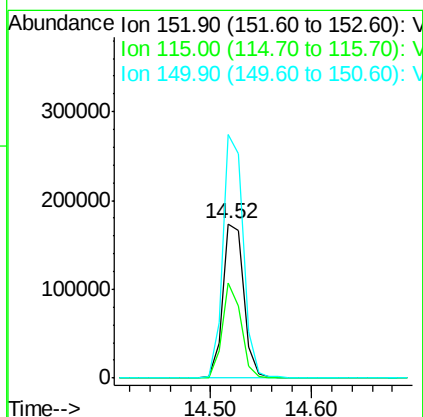
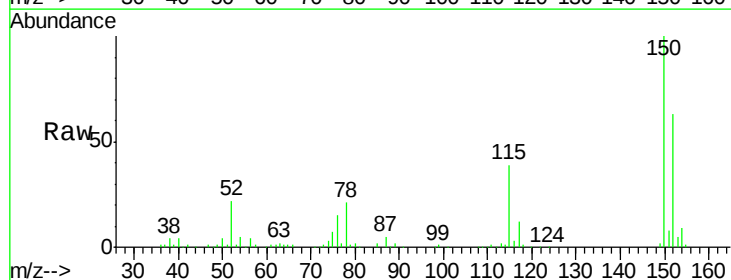
Instrument :
 MSVOA_D
 ClientSampleId :

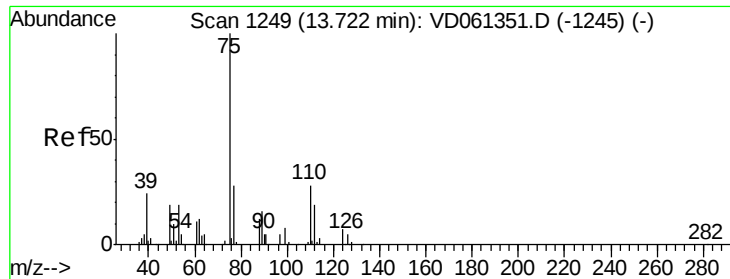
Tot Ion:117 Resp: 678589
 Ion Ratio Lower Upper
 117 100
 82 44.8 34.4 51.6
 119 31.6 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Tgt Ion:152 Resp: 250227
 Ion Ratio Lower Upper
 152 100
 115 61.6 26.9 80.6
 150 157.8 0.0 318.0

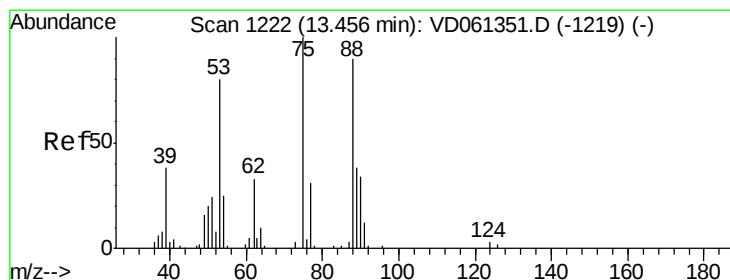
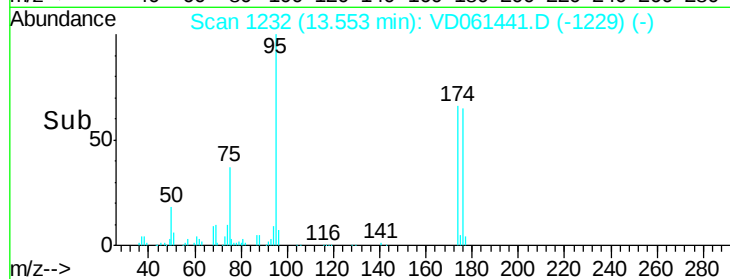
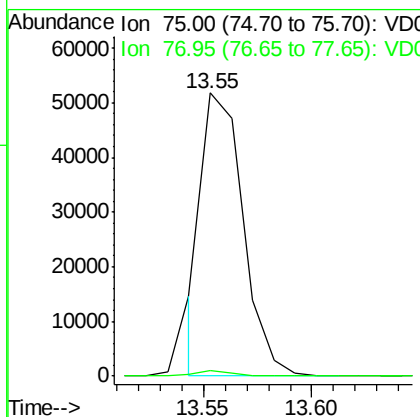
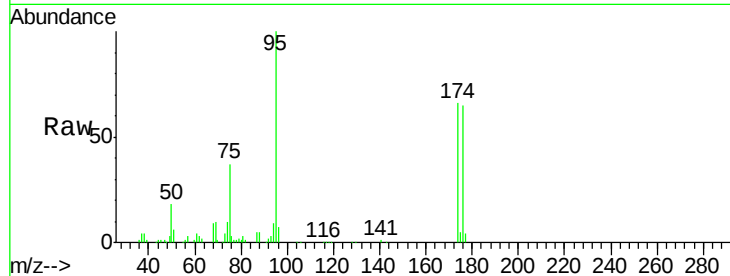




#76
 1,2,3-Trichloropropane
 Concen: 19.004 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 68690
 Ion Ratio Lower Upper
 75 100
 77 2.0 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.550 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.10 min
 Lab File: VD061441.D
 Acq: 29 Mar 2019 20:33

Tgt Ion: 75 Resp: 77753
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

