

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062077.D
 Acq On : 29 Apr 2019 22:02
 Operator : FY/SY
 Sample : K2194-17
 Misc : 6.50um/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 01:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

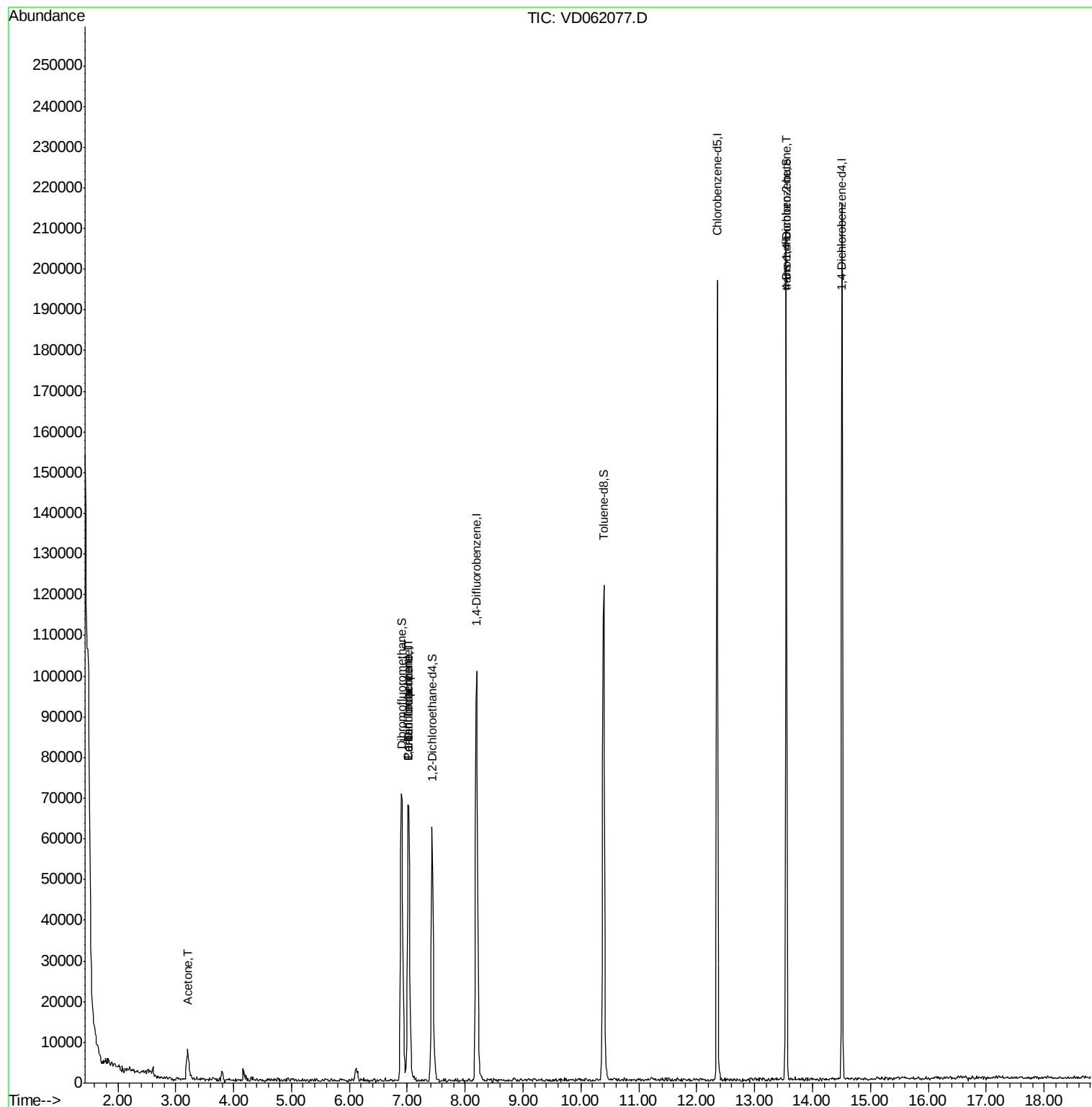
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	72759	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.20	114	126508	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	114853	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	47837	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	63147	110.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	221.78%	
35) Dibromofluoromethane	6.91	113	69859	79.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	159.70%	
50) Toluene-d8	10.39	98	115440	55.45	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.90%	
62) 4-Bromofluorobenzene	13.54	95	61227	73.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.64%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	15471	113.784	ug/l #	87
18) Methyl Acetate	3.63	43	482	Below Cal	#	53
20) Methylene Chloride	3.80	84	1054	Below Cal	#	87
36) 1,1-Dichloropropene	7.02	75	4977	5.050	ug/l #	40
38) Carbon Tetrachloride	7.03	117	7188	5.755	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.54	75	24784	134.635	ug/l #	16

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062077.D

Acq: 29 Apr 2019 22:02

Instrument :

MSVOA_D

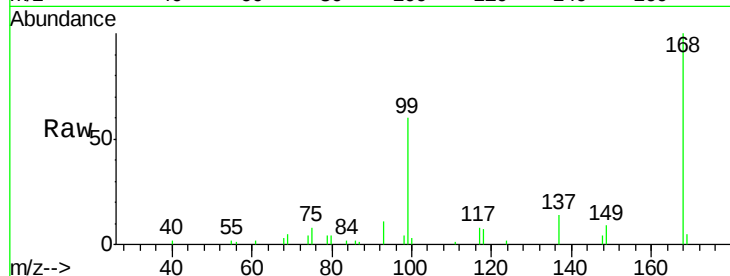
ClientSampleId :

Tot Ion:168 Resp: 72759

Ion Ratio Lower Upper

168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

25000

20000

15000

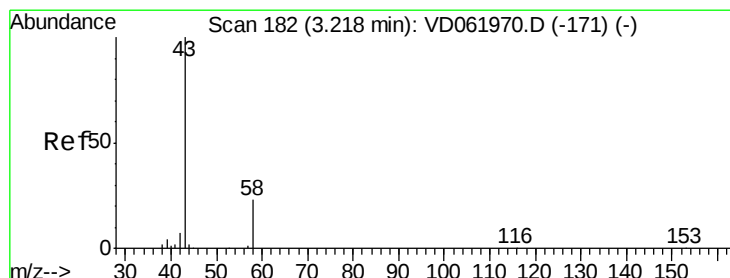
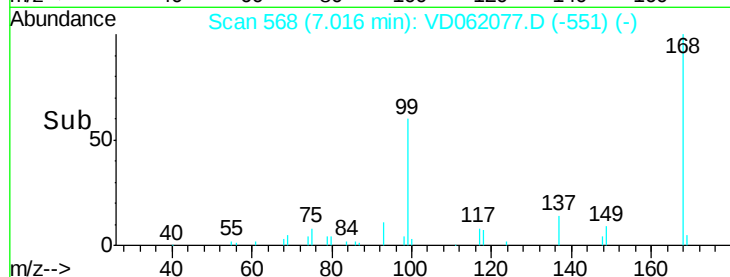
10000

5000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 113.784 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062077.D

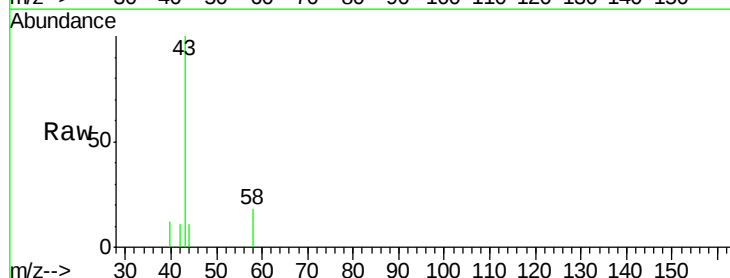
Acq: 29 Apr 2019 22:02

Tgt Ion: 43 Resp: 15471

Ion Ratio Lower Upper

43 100

58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

6000

5000

4000

3000

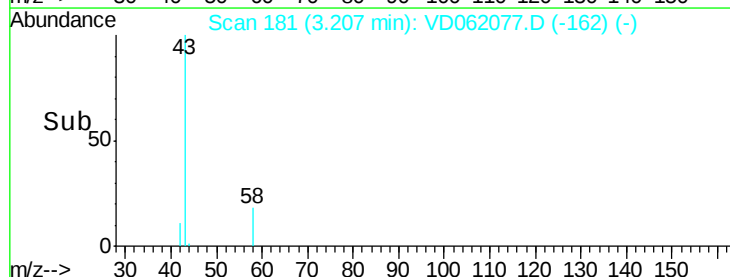
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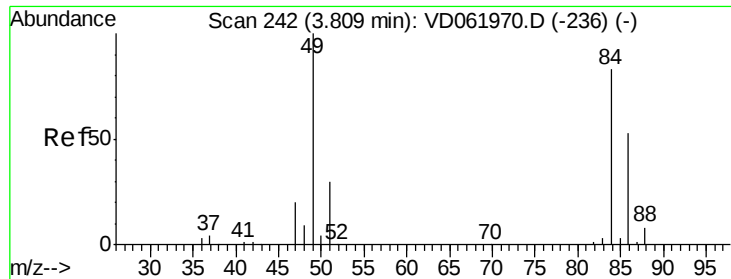
1000

0

3.10 3.15 3.20 3.25 3.30

Time-->

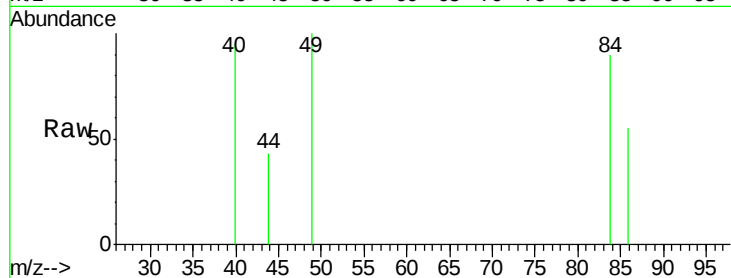




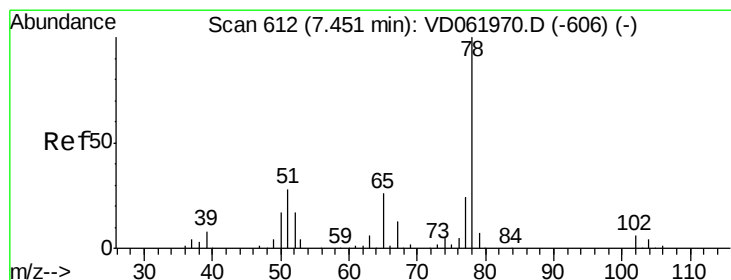
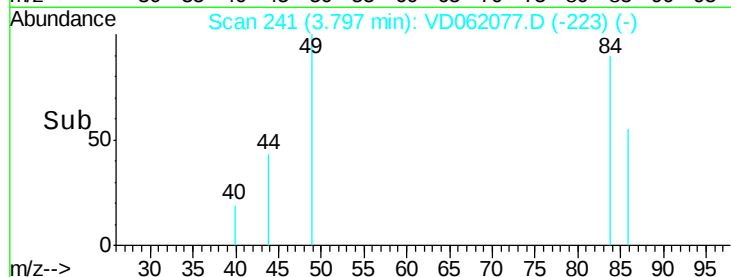
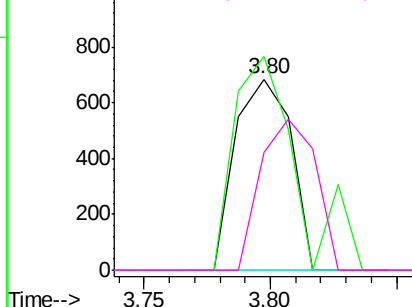
#20
Methvlene Chloride
Concen: Below Cal
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD062077.D
Acq: 29 Apr 2019 22:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 1054
Ion Ratio Lower Upper
84 100
49 111.7 94.0 141.0
51 0.0 29.0 43.4#
86 61.9 49.8 74.6

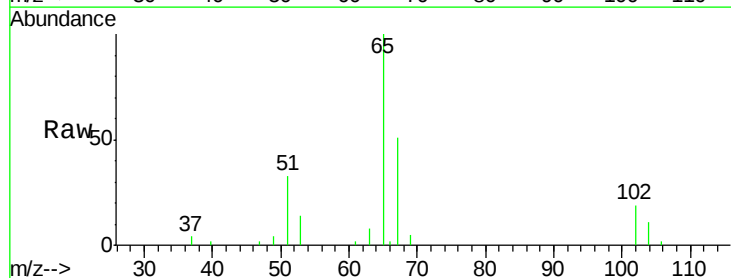


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

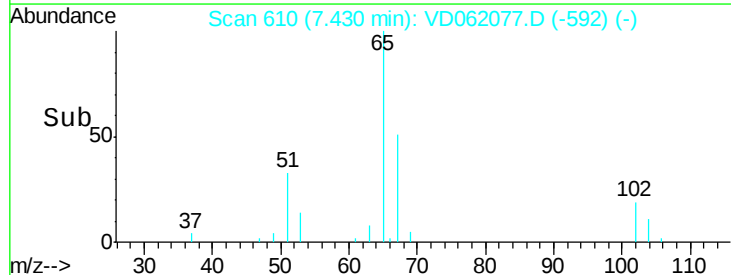
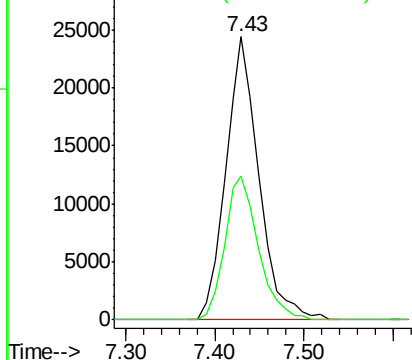


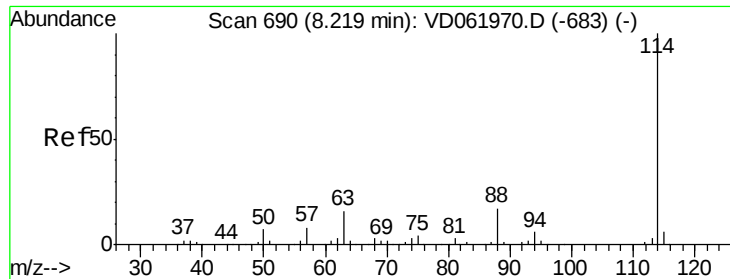
#33
1,2-Dichloroethane-d4
Concen: 110.891 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062077.D
Acq: 29 Apr 2019 22:02

Tgt Ion: 65 Resp: 63147
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.0



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

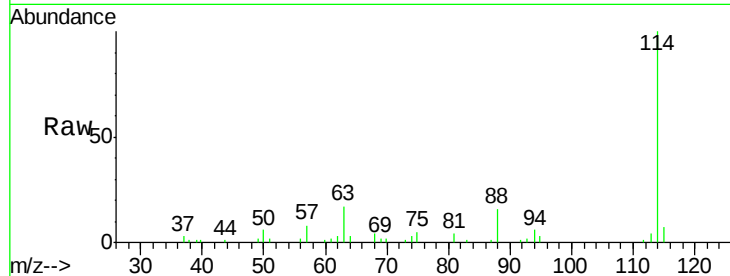




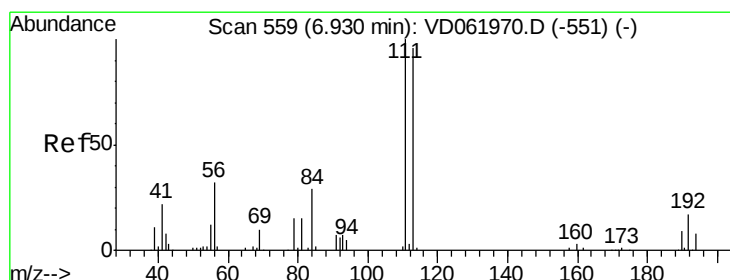
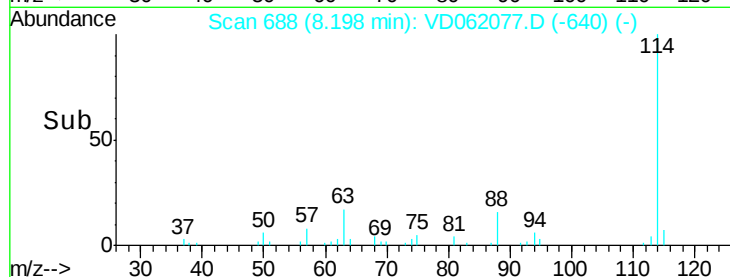
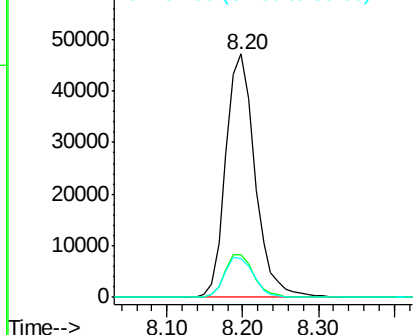
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 126508
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 32.4
 88 16.1 0.0 33.6

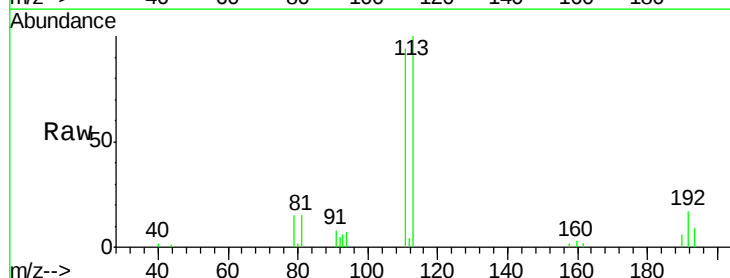


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

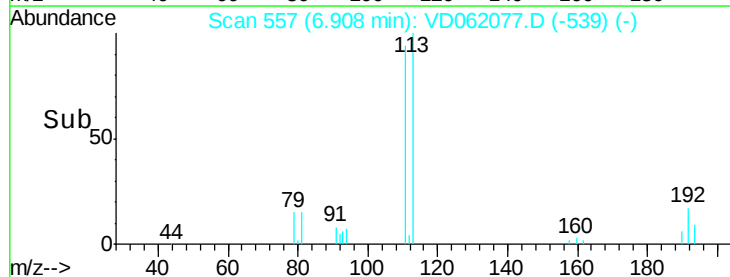
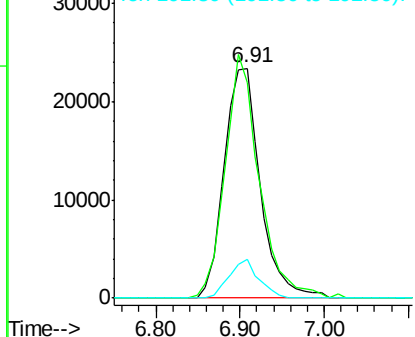


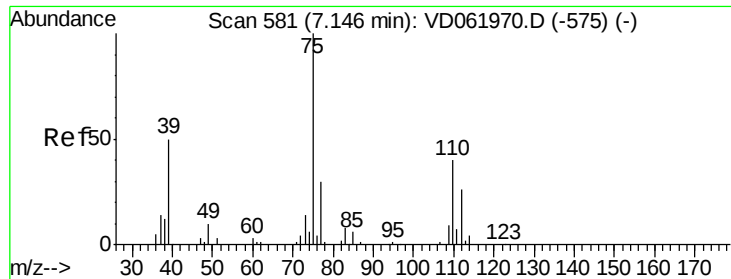
#35
 Dibromofluoromethane
 Concen: 79.846 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

Tgt Ion:113 Resp: 69859
 Ion Ratio Lower Upper
 113 100
 111 93.9 78.5 117.7
 192 16.6 13.0 19.4



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

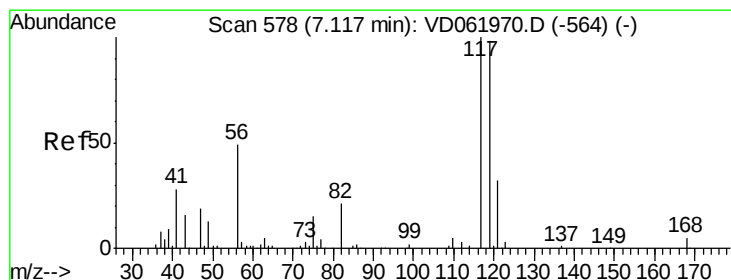
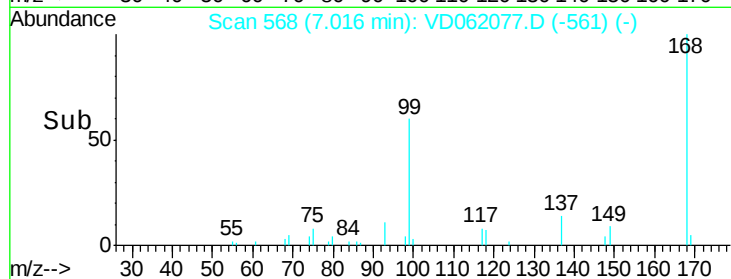
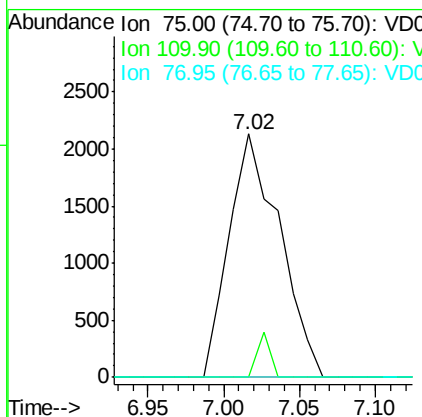
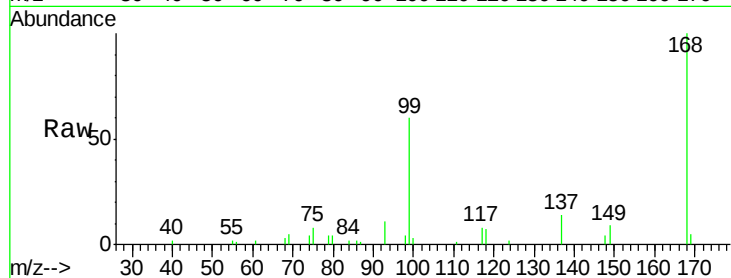




#36
 1,1-Dichloropropene
 Concen: 5.050 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.13 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

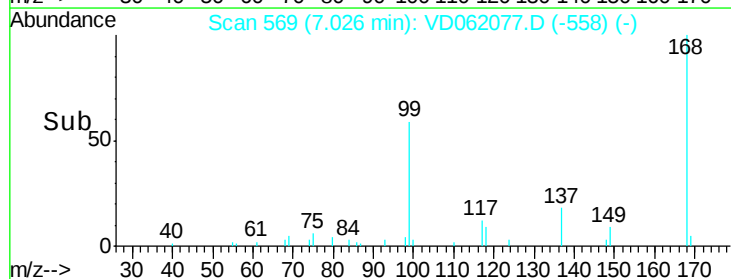
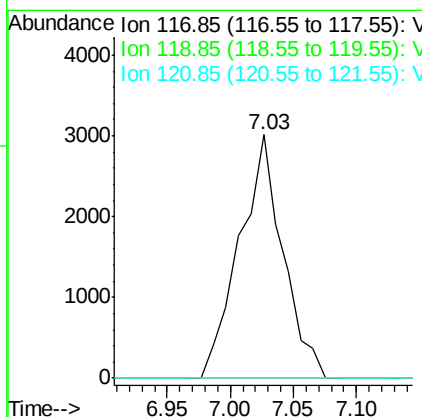
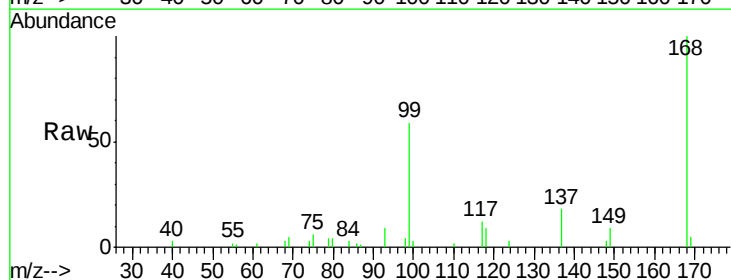
Instrument :
 MSVOA_D
 ClientSampled :

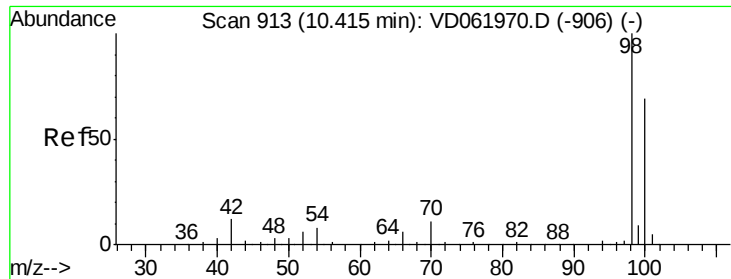
Tot Ion: 75 Resp: 4977
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.755 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

Tgt Ion: 117 Resp: 7188
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.8#
 121 0.0 25.9 38.9#

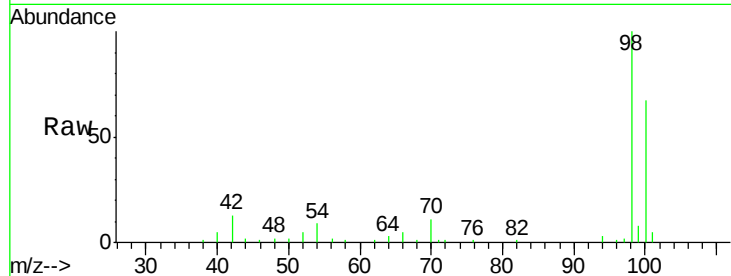




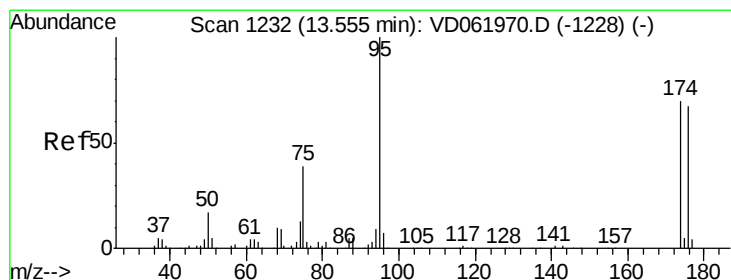
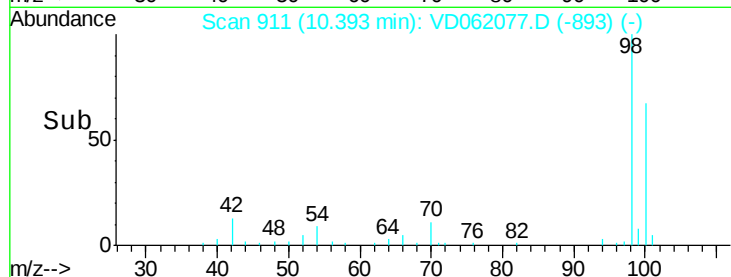
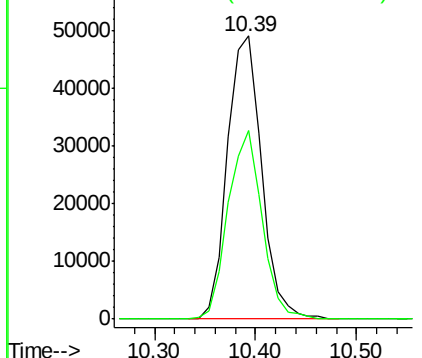
#50
Toluene-d8
Concen: 55.450 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062077.D
Acq: 29 Apr 2019 22:02

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 115440
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.8

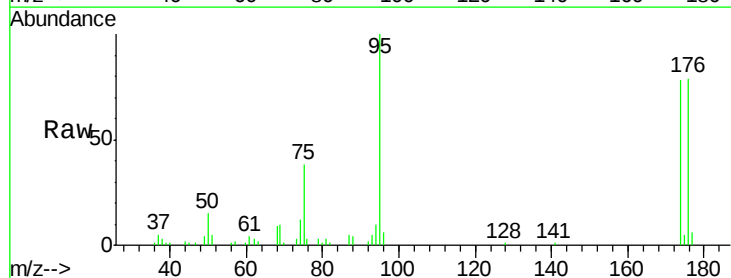


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

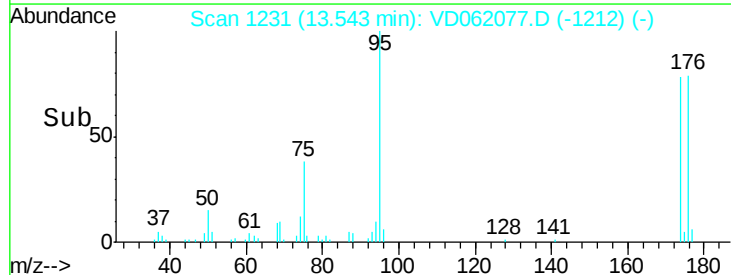
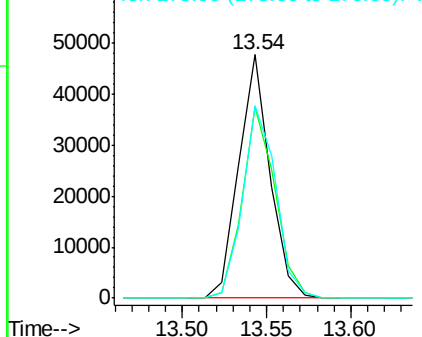


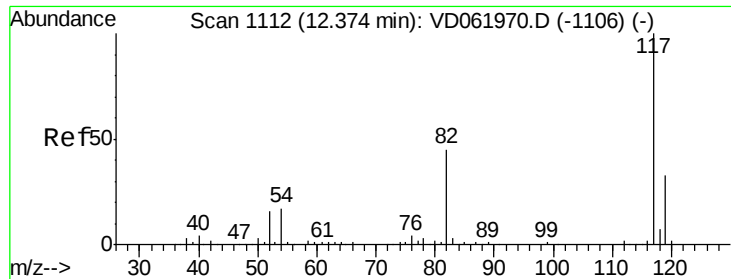
#62
4-Bromofluorobenzene
Concen: 73.323 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD062077.D
Acq: 29 Apr 2019 22:02

Tgt Ion: 95 Resp: 61227
Ion Ratio Lower Upper
95 100
174 78.3 0.0 181.8
176 78.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

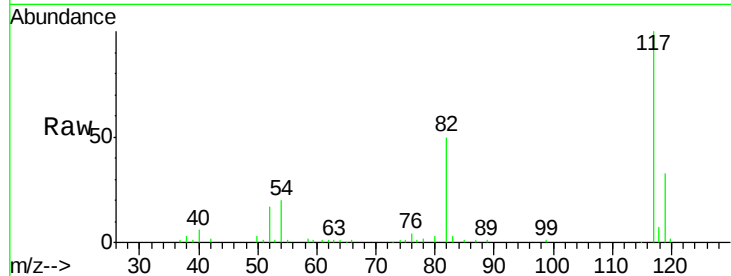




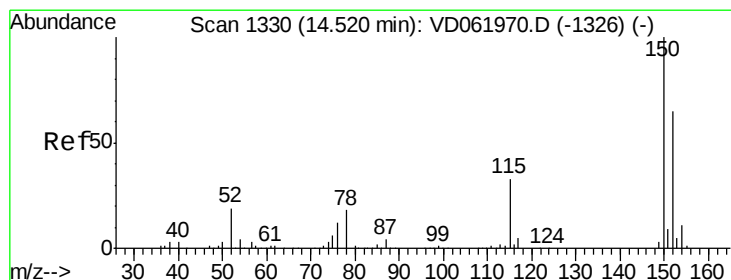
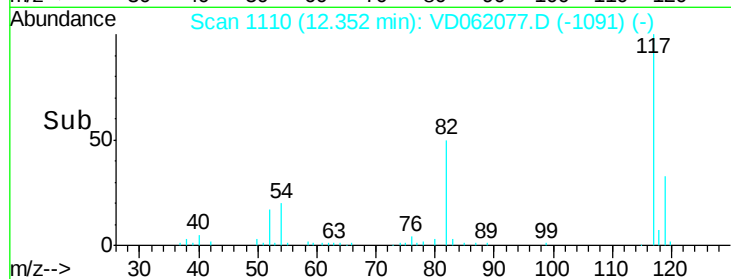
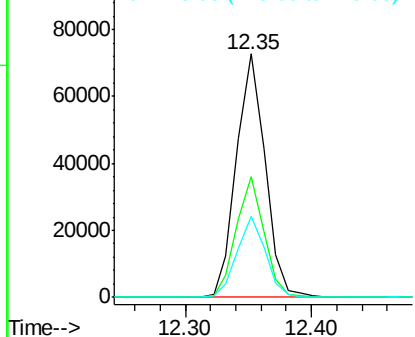
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:117 Resp: 114853
 Ion Ratio Lower Upper
 117 100
 82 49.7 36.2 54.2
 119 33.1 26.2 39.4

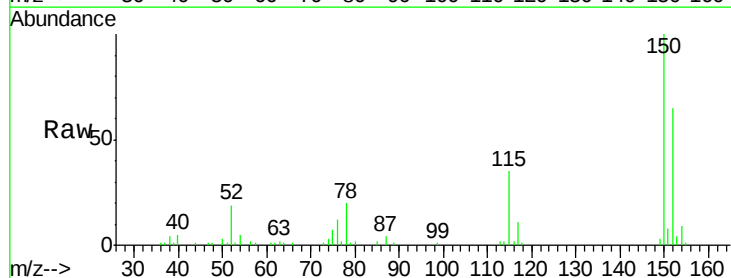


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

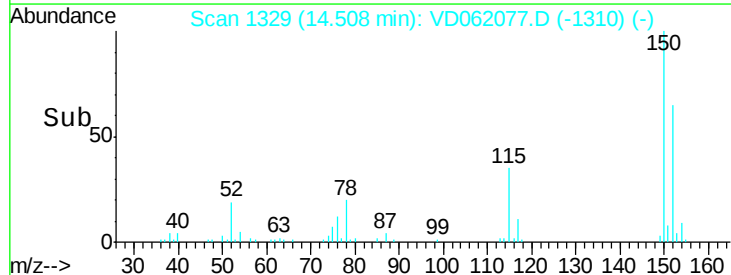
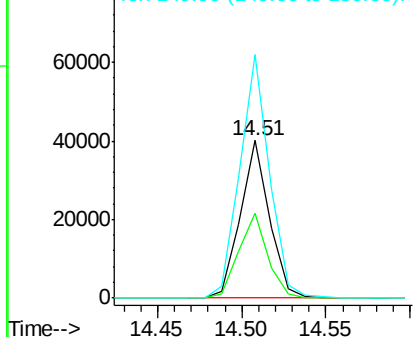


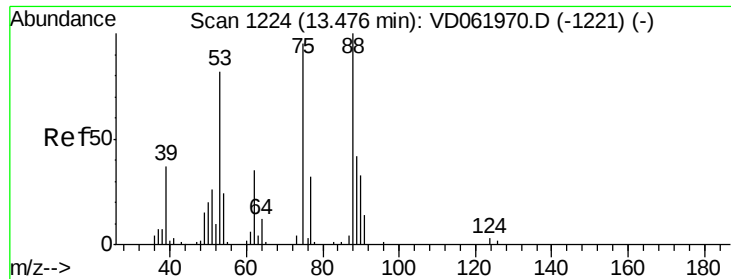
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: VD062077.D
 Acq: 29 Apr 2019 22:02

Tgt Ion:152 Resp: 47837
 Ion Ratio Lower Upper
 152 100
 115 53.8 30.9 92.7
 150 154.5 0.0 314.8



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: 134.635 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062077.D

Acq: 29 Apr 2019 22:02

Instrument :
MSVOA_D
ClientSampleId :

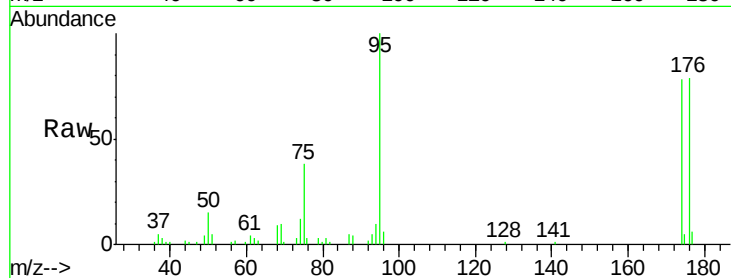
Tot Ion: 75 Resp: 24784

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

