

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060278.D
 Acq On : 1 Nov 2018 22:45
 Operator : VA/AP
 Sample : J5741-11
 Misc : 7.22g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Nov 02 02:43:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

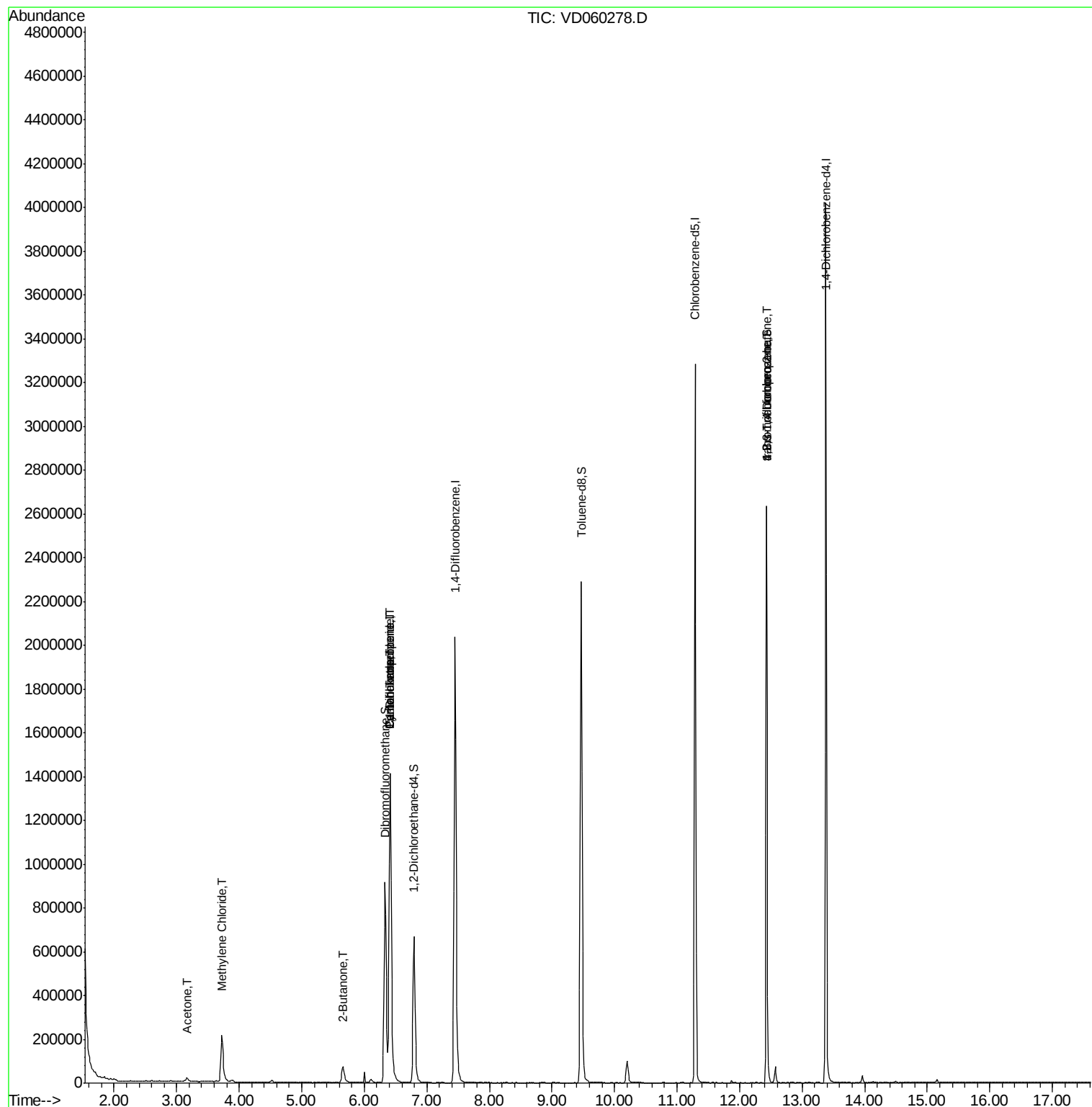
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1421287	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2087811	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1700907	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	903702	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	552132	51.25	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	6.33	113	698249	44.04	ug/l	0.03
Spiked Amount 50.000			Recovery	=	88.08%	
50) Toluene-d8	9.47	98	1903660	42.11	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.22%	
62) 4-Bromofluorobenzene	12.43	95	722984	42.71	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	32539	16.645	ug/l	98
20) Methylene Chloride	3.72	84	133746	4.804	ug/l	96
25) 2-Butanone	5.66	43	5628	1.152	ug/l #	59
31) Cyclohexane	6.41	56	25725	1.102	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	103374	5.181	ug/l #	45
38) Carbon Tetrachloride	6.41	117	110240	6.088	ug/l #	16
76) 1,2,3-Trichloropropane	12.43	75	294634	22.639	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	294328	80.486	ug/l #	13

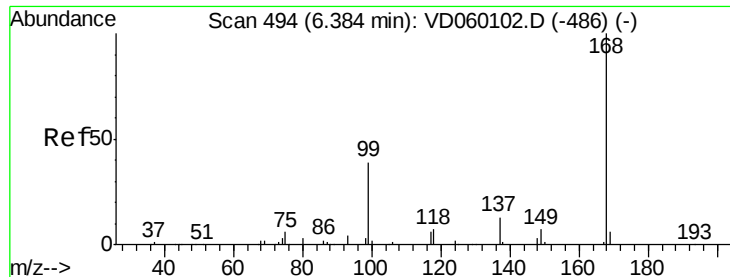
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
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TP-3

Quant Time: Nov 02 02:43:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060278.D

Acq: 1 Nov 2018 22:45

Instrument :

MSVOA_D

ClientSampled :

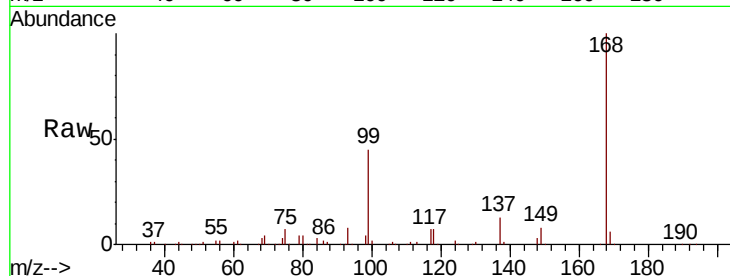
TP-3

Tgt Ion:168 Resp: 1421287

Ion Ratio Lower Upper

168 100

99 45.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

300000

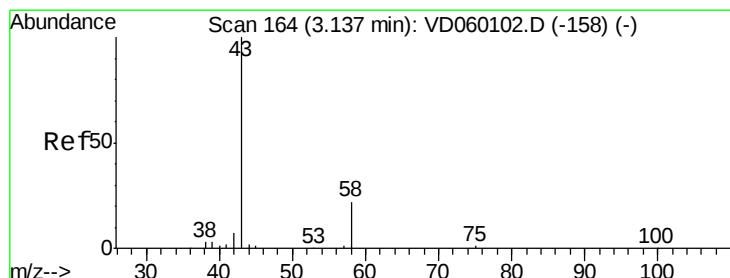
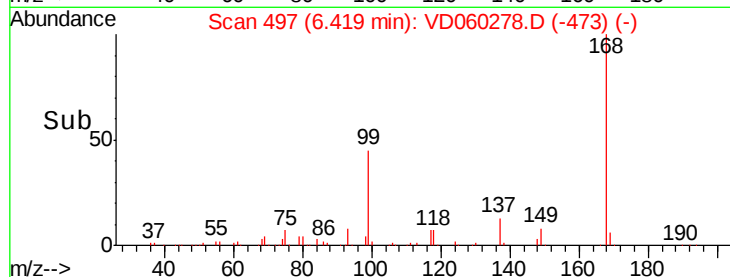
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 16.645 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060278.D

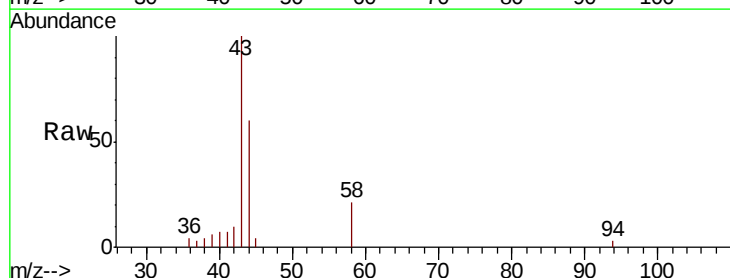
Acq: 1 Nov 2018 22:45

Tgt Ion: 43 Resp: 32539

Ion Ratio Lower Upper

43 100

58 21.0 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

12000

10000

8000

6000

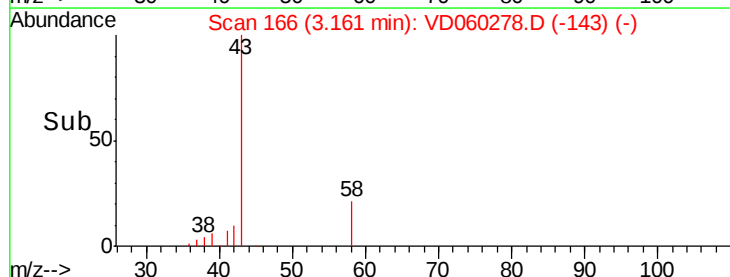
4000

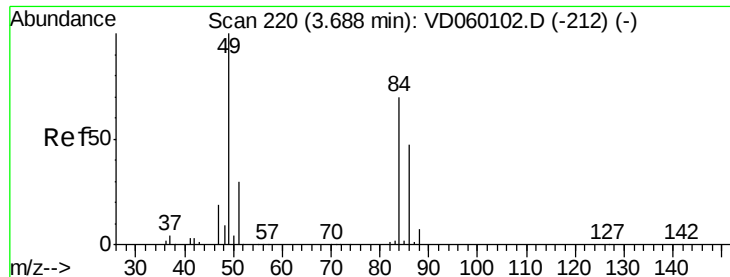
2000

0

3.10 3.20 3.30

Time-->

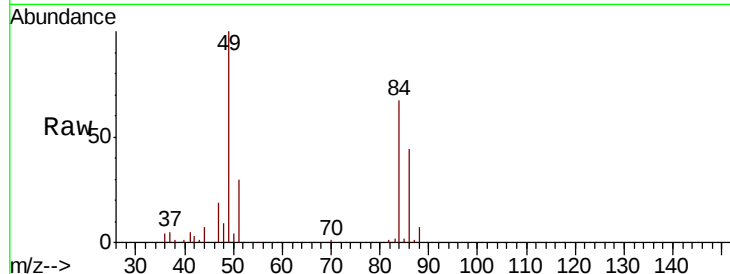




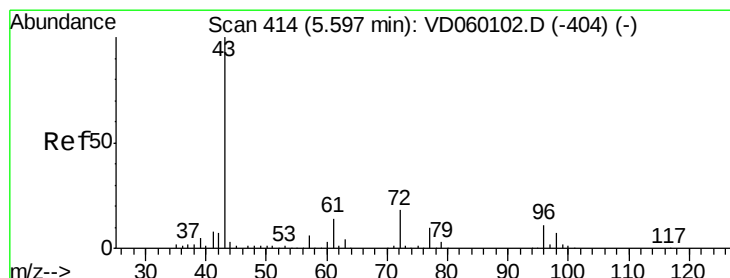
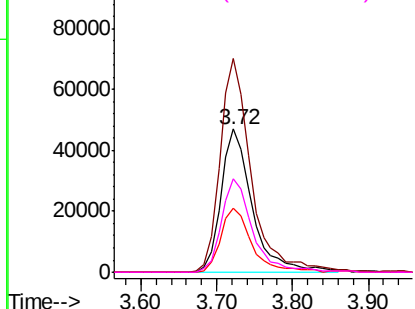
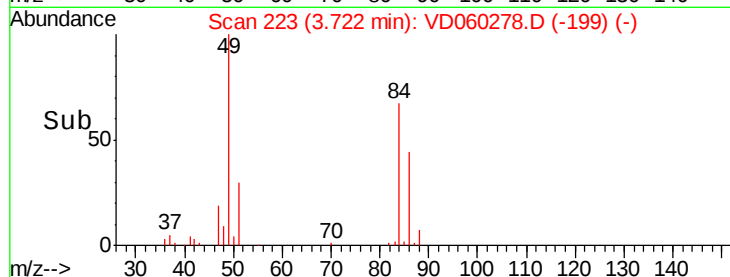
#20
Methylene Chloride
Concen: 4.804 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.04 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 84 Resp: 133746
Ion Ratio Lower Upper
84 100
49 149.3 114.6 172.0
51 44.3 33.8 50.8
86 65.6 53.3 79.9

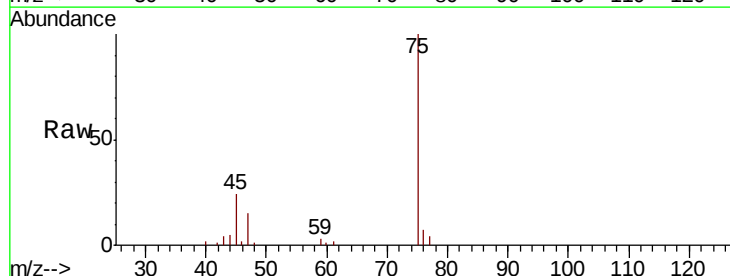


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

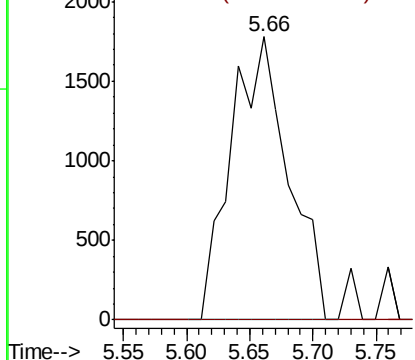
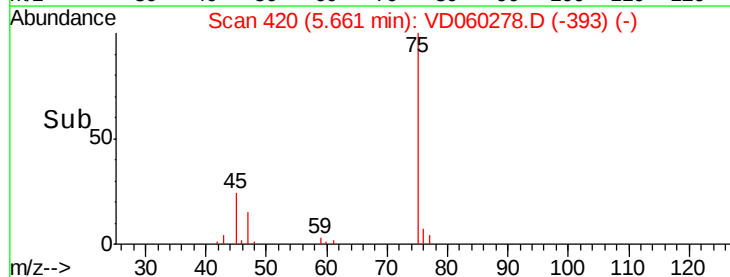


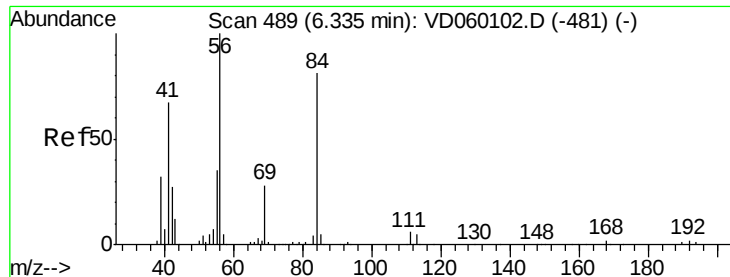
#25
2-Butanone
Concen: 1.152 ug/l
RT: 5.66 min Scan# 420
Delta R.T. 0.06 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
72 0.0 14.5 21.7#



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

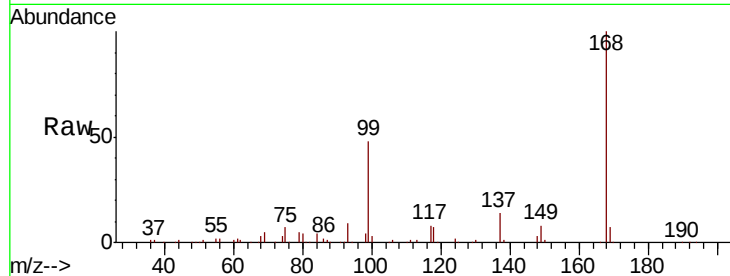




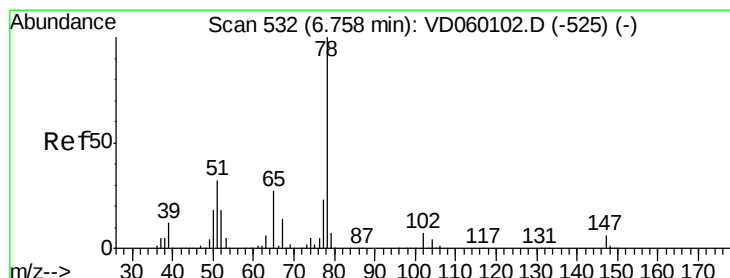
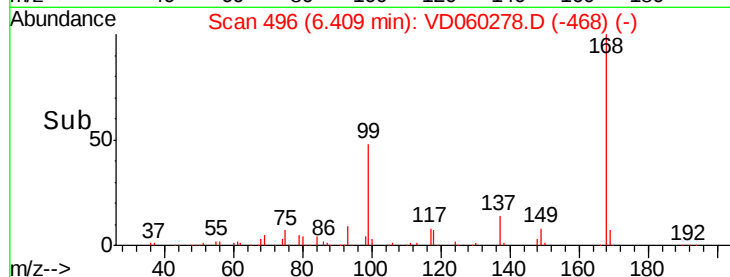
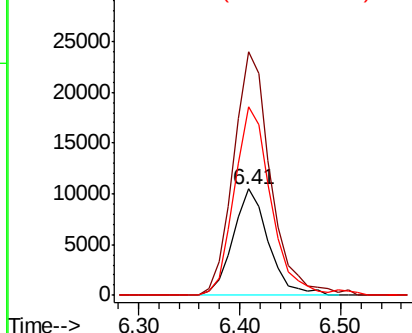
#31
Cyclohexane
Concen: 1.102 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tgt Ion: 56 Resp: 25725
Ion Ratio Lower Upper
56 100
69 228.9 22.8 34.2#
84 177.4 64.9 97.3#

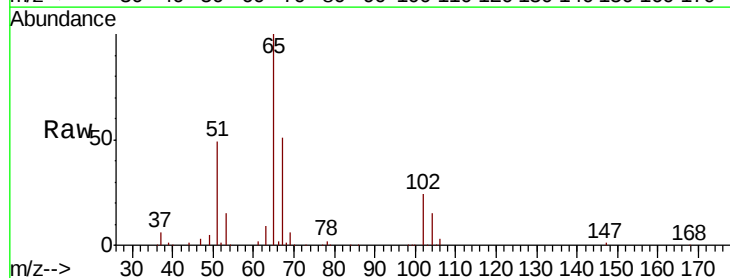


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

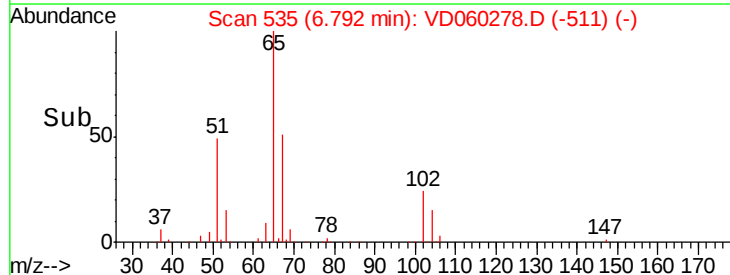
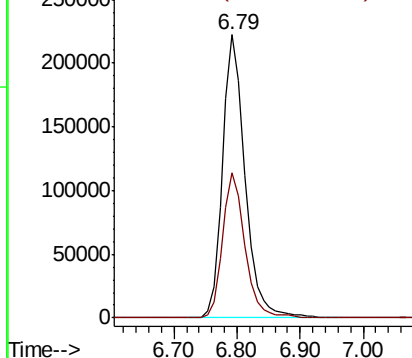


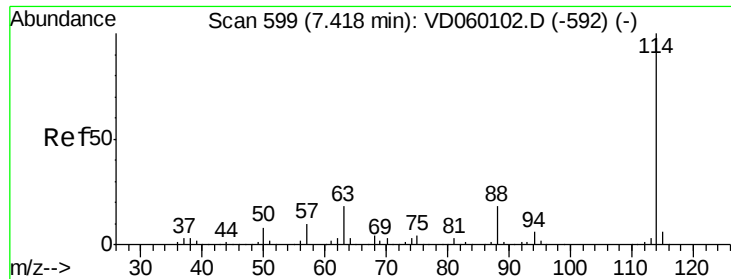
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Tgt Ion: 65 Resp: 552132
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2



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

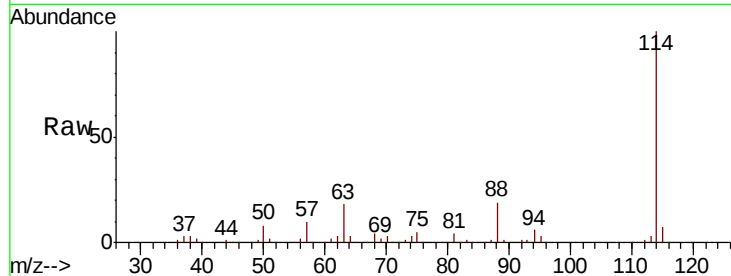




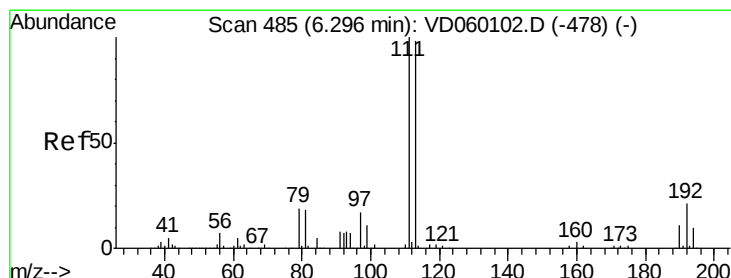
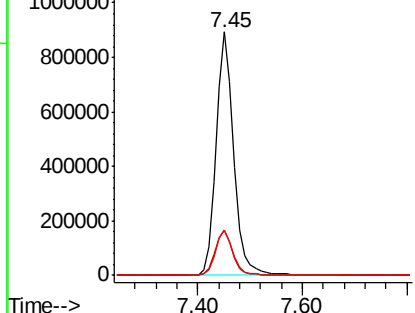
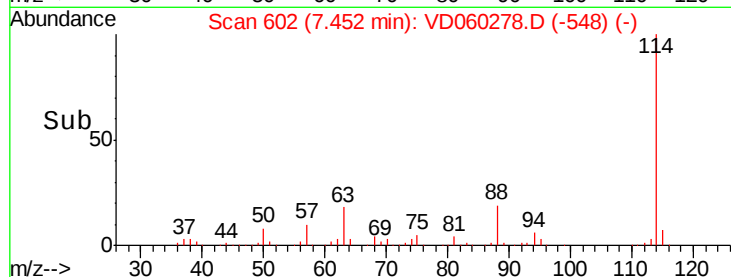
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060278.D
 Acq: 1 Nov 2018 22:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tgt Ion:114 Resp: 2087811
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 18.7 0.0 36.2

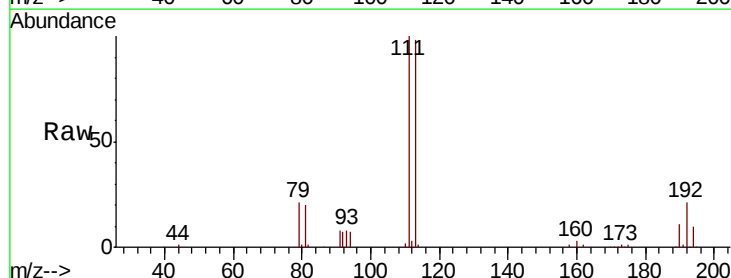


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

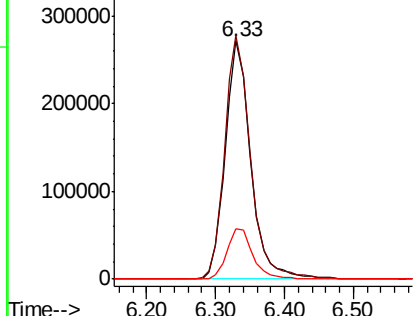
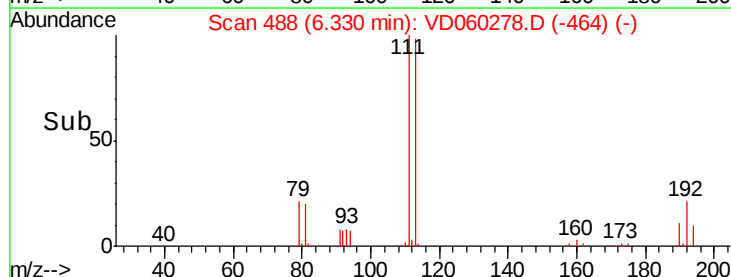


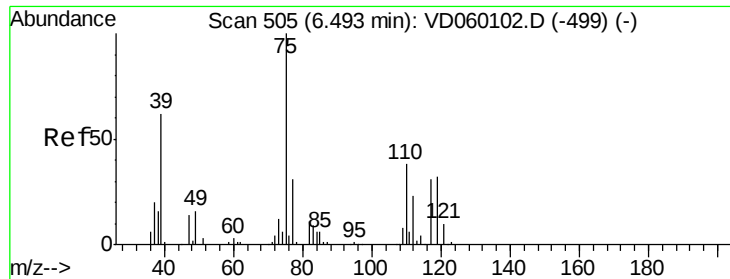
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060278.D
 Acq: 1 Nov 2018 22:45

Tgt Ion:113 Resp: 698249
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 20.9 17.4 26.0



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: 5.181 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.08 min

Lab File: VD060278.D

Acq: 1 Nov 2018 22:45

Instrument :

MSVOA_D

ClientSampleID :

TP-3

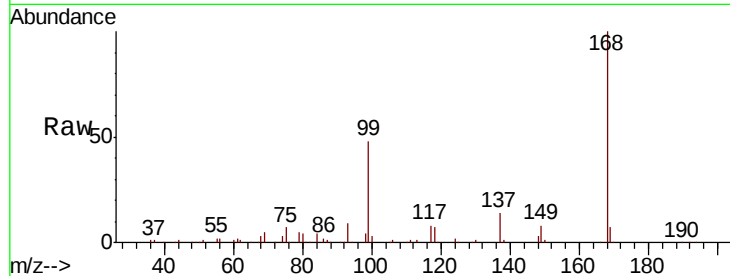
Tgt Ion: 75 Resp: 103374

Ion Ratio Lower Upper

75 100

110 6.1 19.0 57.0#

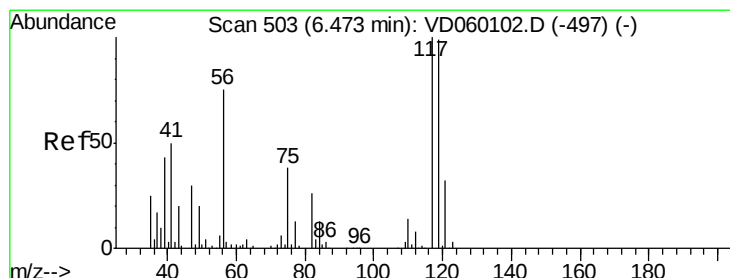
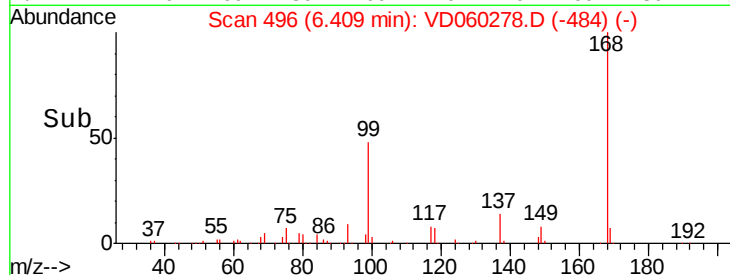
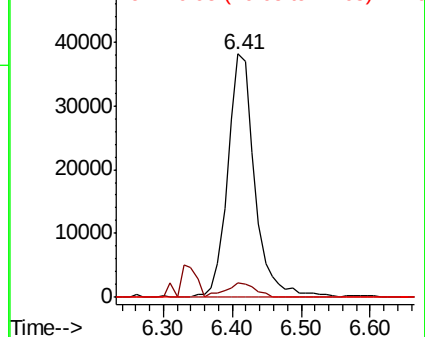
77 0.0 24.9 37.3#



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



#38

Carbon Tetrachloride

Concen: 6.088 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.06 min

Lab File: VD060278.D

Acq: 1 Nov 2018 22:45

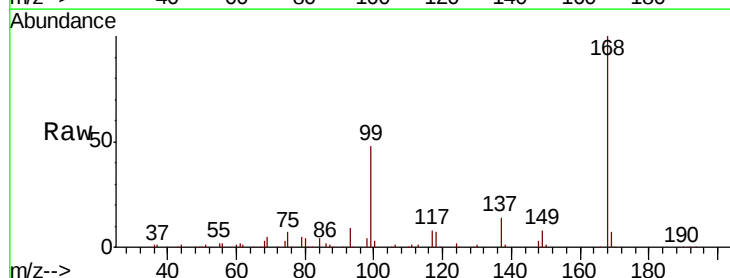
Tgt Ion: 117 Resp: 110240

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

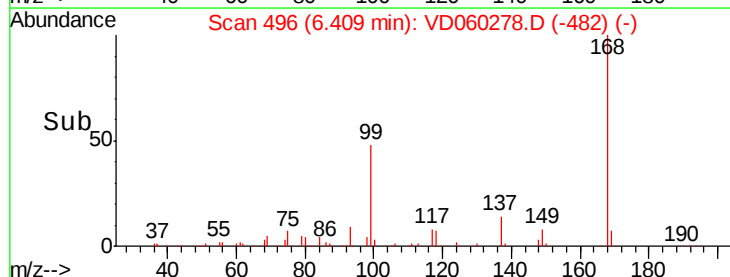
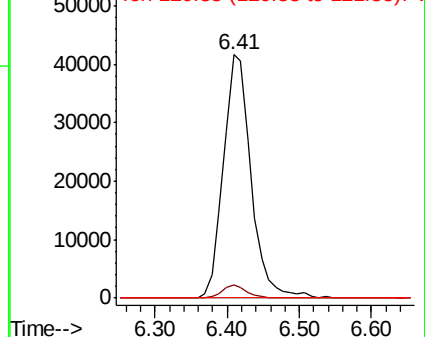
121 0.0 24.8 37.2#

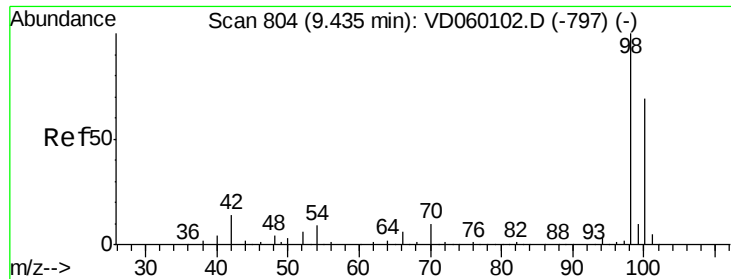


Abundance Ion 116.85 (116.55 to 117.55): V

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: 9.47 min Scan# 807

Delta R.T. 0.03 min

Lab File: VD060278.D

Acq: 1 Nov 2018 22:45

Instrument :

MSVOA_D

ClientSampleId :

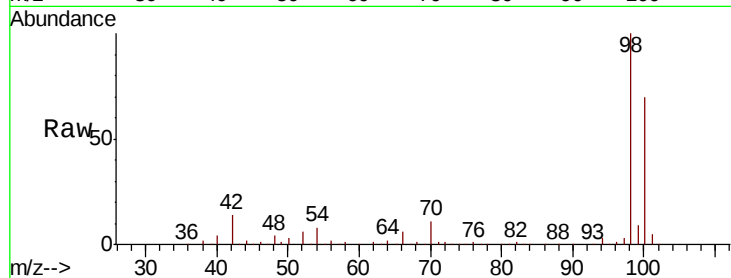
TP-3

Tgt Ion: 98 Resp: 1903660

Ion Ratio Lower Upper

98 100

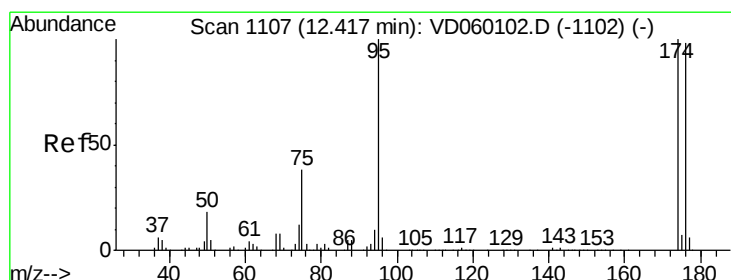
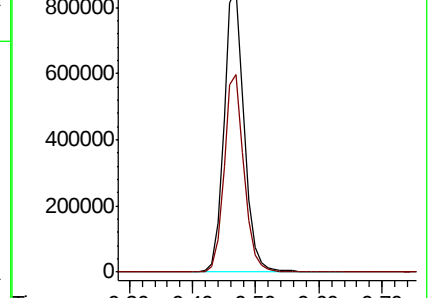
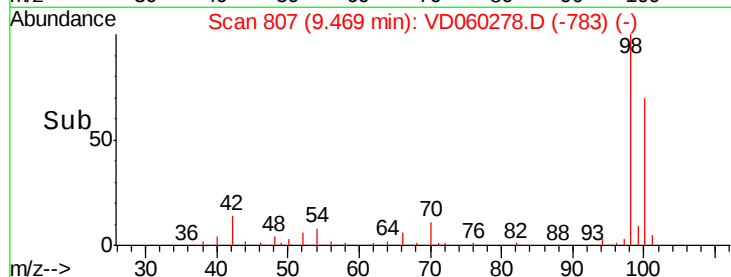
100 69.8 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060278.D

Acq: 1 Nov 2018 22:45

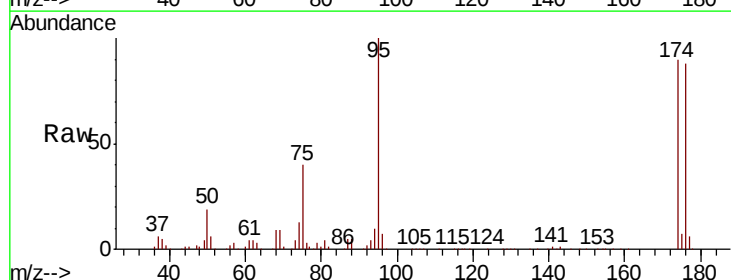
Tgt Ion: 95 Resp: 722984

Ion Ratio Lower Upper

95 100

174 90.3 0.0 200.2

176 88.0 0.0 195.6

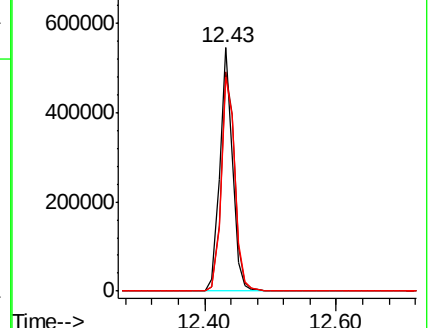
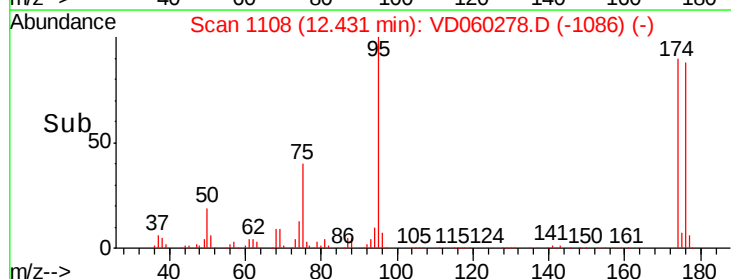


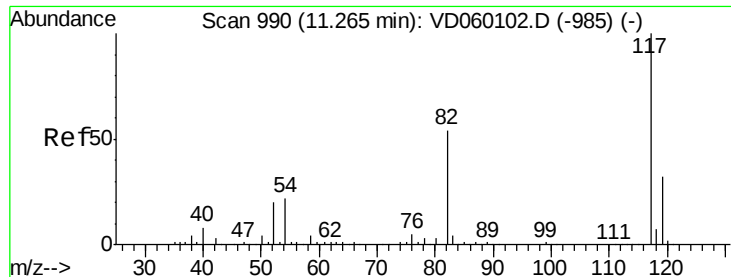
Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

Time-->

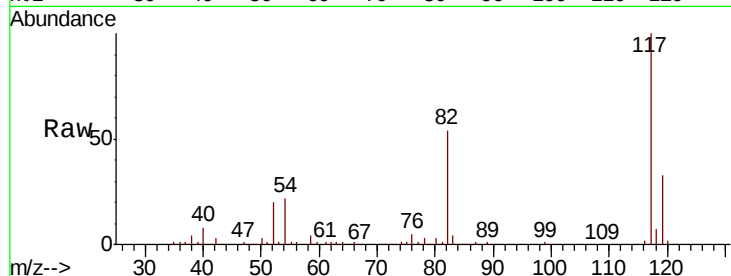




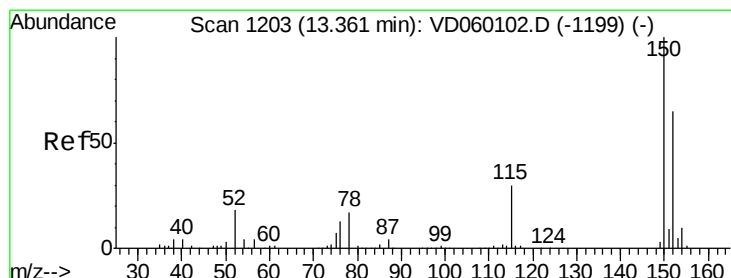
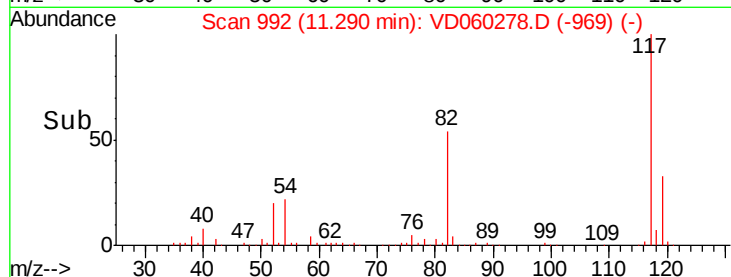
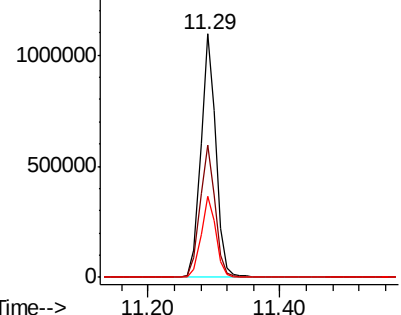
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tgt Ion:117 Resp: 1700907
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 33.2 26.0 39.0

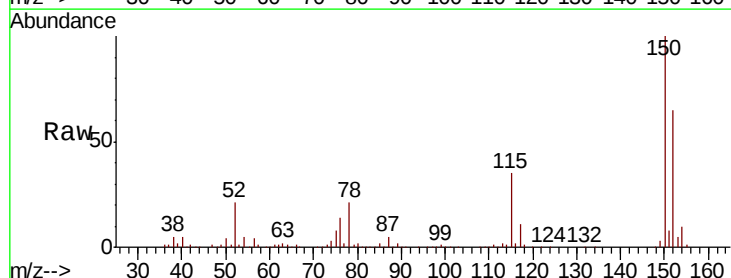


Abundance Ion 116.95 (116.65 to 117.65): V
1500000 Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

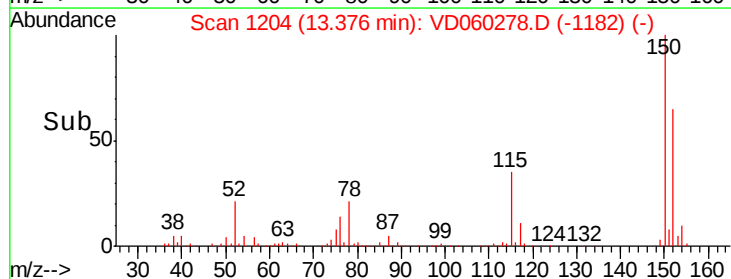
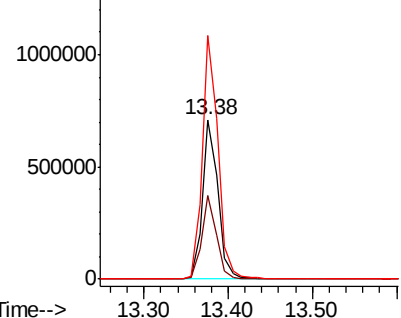


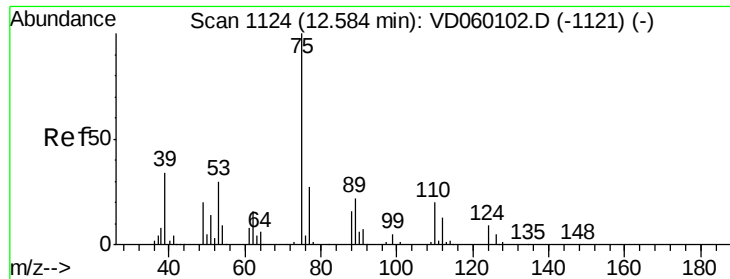
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060278.D
Acq: 1 Nov 2018 22:45

Tgt Ion:152 Resp: 903702
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.2
150 152.9 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
1500000 Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

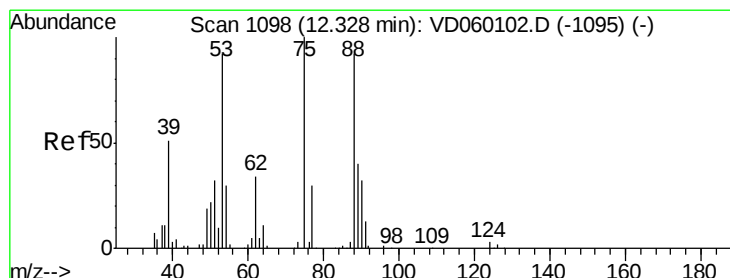
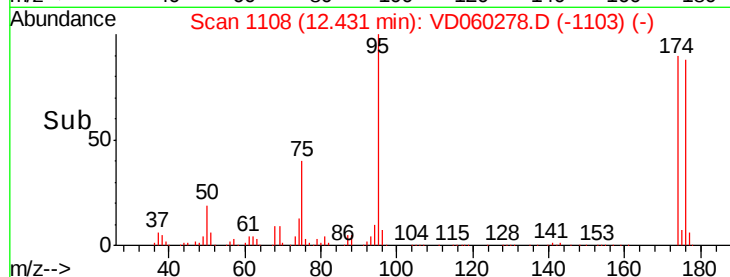
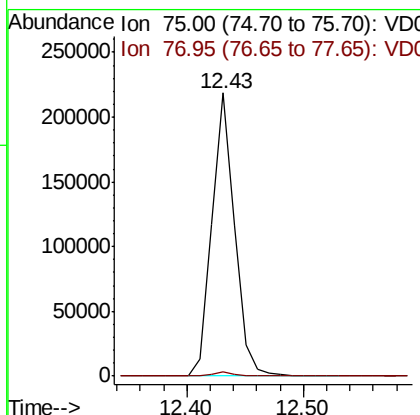
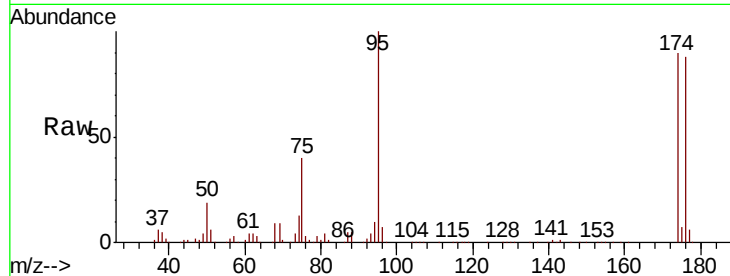




#76
 1,2,3-Trichloropropane
 Concen: 22.639 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060278.D
 Acq: 1 Nov 2018 22:45

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-3

Tgt Ion: 75 Resp: 294634
 Ion Ratio Lower Upper
 75 100
 77 1.4 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.486 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060278.D
 Acq: 1 Nov 2018 22:45

Tgt Ion: 75 Resp: 294328
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

