

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060280.D
 Acq On : 1 Nov 2018 23:41
 Operator : VA/AP
 Sample : J5741-19
 Misc : 7.71g/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 02 02:44:16 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

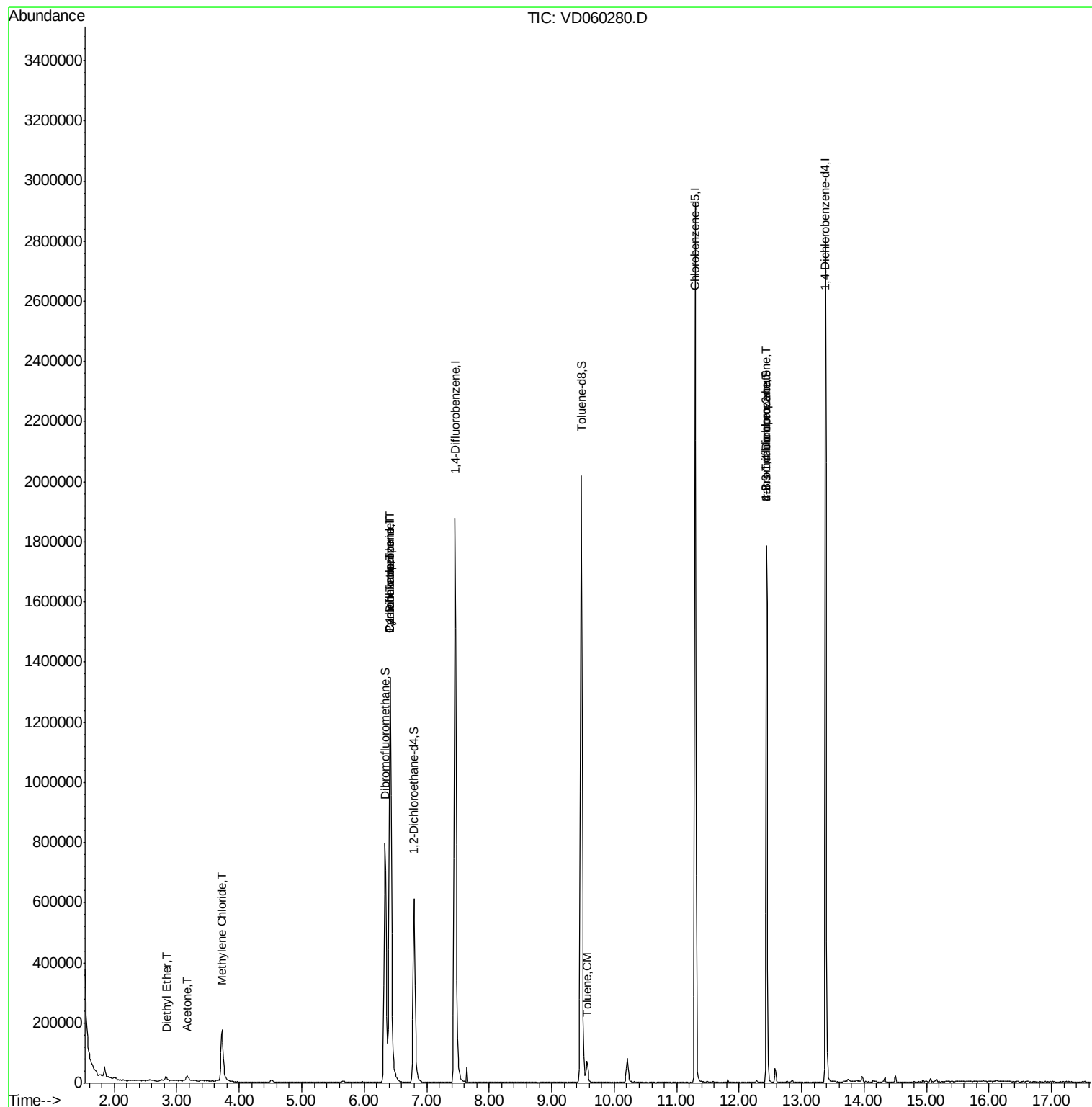
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1374564	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.46	114	1914837	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1527509	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	658608	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	492563	47.27	ug/l	0.04
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	6.33	113	624954	42.98	ug/l	0.04
Spiked Amount 50.000			Recovery	=	85.96%	
50) Toluene-d8	9.47	98	1626904	39.24	ug/l	0.04
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	12.44	95	525430	33.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.68%	
Target Compounds						
8) Diethyl Ether	2.83	74	4122	1.755	ug/l	91
16) Acetone	3.17	43	36783	19.455	ug/l	97
20) Methylene Chloride	3.73	84	108631	3.281	ug/l	96
31) Cyclohexane	6.41	56	25345	1.123	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	98977	5.409	ug/l #	45
38) Carbon Tetrachloride	6.42	117	105252	6.338	ug/l #	15
52) Toluene	9.56	92	34798	1.129	ug/l	98
76) 1,2,3-Trichloropropane	12.44	75	219571	23.150	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	219305	82.288	ug/l #	13

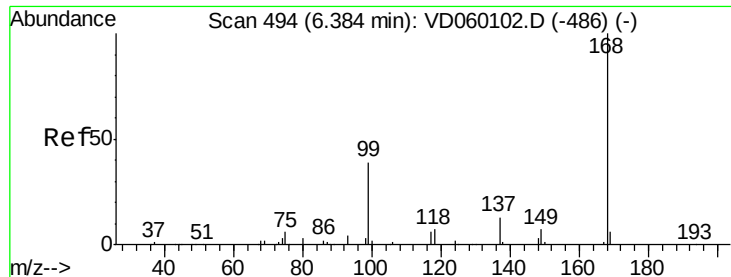
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
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MSVOA_D
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TP-5

Quant Time: Nov 02 02:44:16 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# 498

Delta R.T. 0.04 min

Lab File: VD060280.D

Acq: 1 Nov 2018 23:41

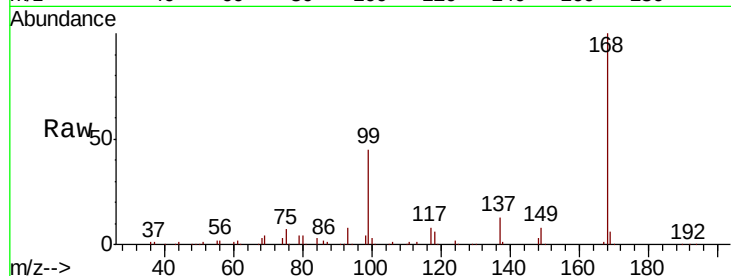
Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion:168 Resp: 1374564

Ion Ratio Lower Upper

168 100

99 44.8 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

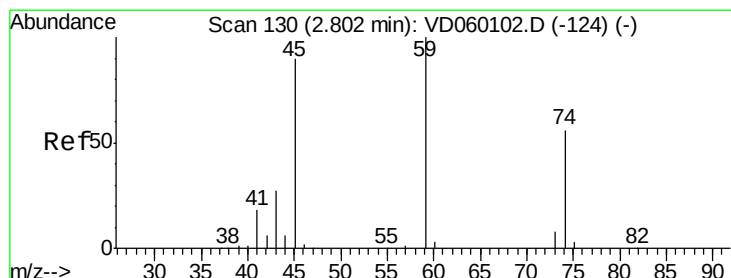
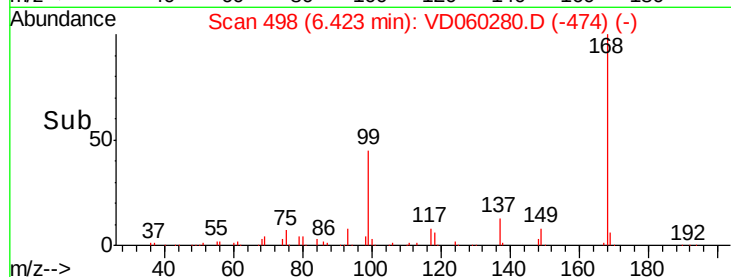
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.755 ug/l

RT: 2.83 min Scan# 133

Delta R.T. 0.03 min

Lab File: VD060280.D

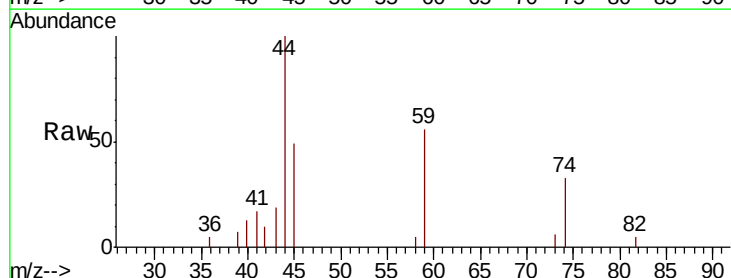
Acq: 1 Nov 2018 23:41

Tgt Ion: 74 Resp: 4122

Ion Ratio Lower Upper

74 100

45 149.0 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.83

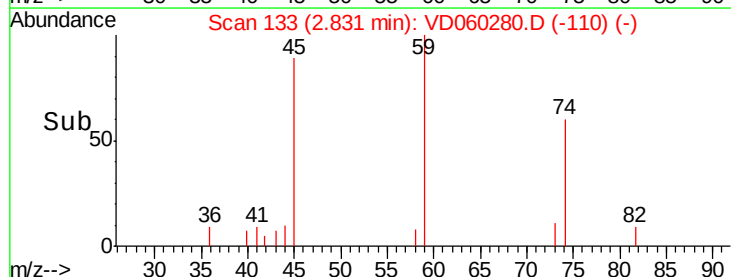
3000

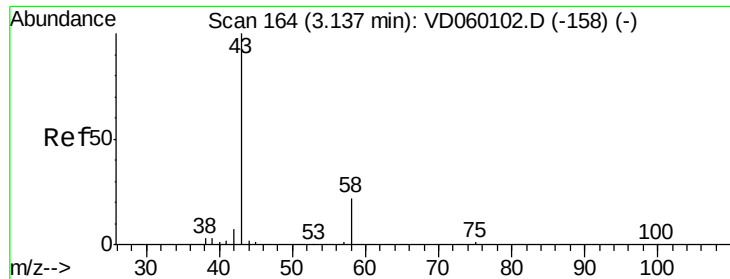
2000

1000

0

Time-->





#16

Acetone

Concen: 19.455 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD060280.D

Acq: 1 Nov 2018 23:41

Instrument :

MSVOA_D

ClientSampleId :

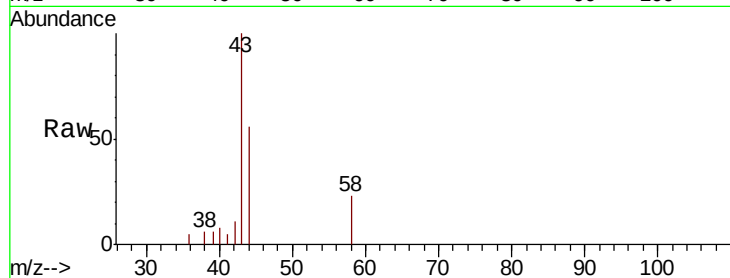
TP-5

Tgt Ion: 43 Resp: 36783

Ion Ratio Lower Upper

43 100

58 23.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

6000

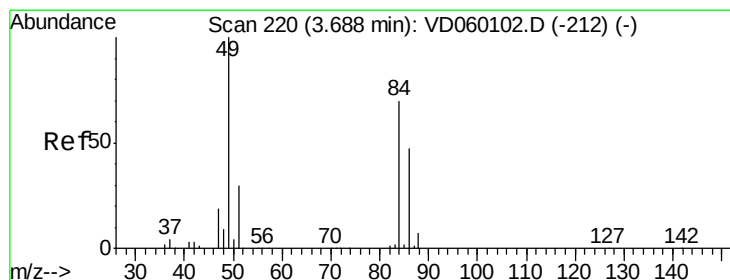
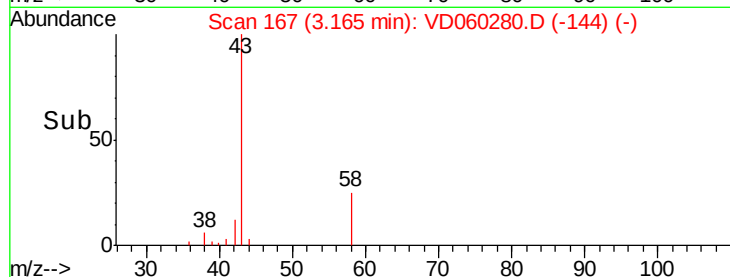
4000

2000

0

Time--> 3.00 3.10 3.20 3.30

3.17



#20

Methylene Chloride

Concen: 3.281 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.04 min

Lab File: VD060280.D

Acq: 1 Nov 2018 23:41

Tgt Ion: 84 Resp: 108631

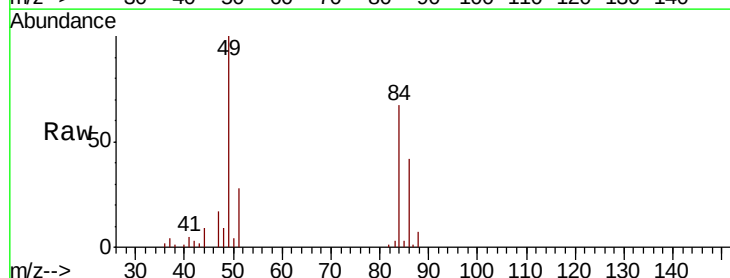
Ion Ratio Lower Upper

84 100

49 148.3 114.6 172.0

51 42.0 33.8 50.8

86 62.5 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

80000

60000

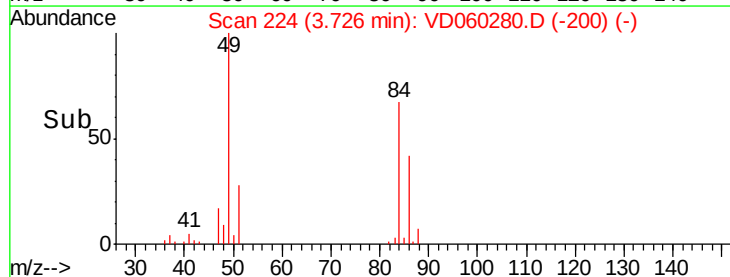
40000

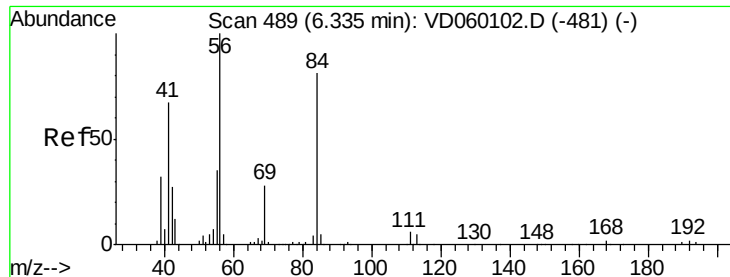
20000

0

Time--> 3.60 3.70 3.80 3.90

3.73

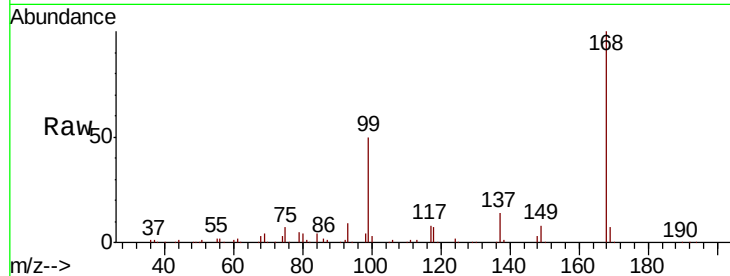




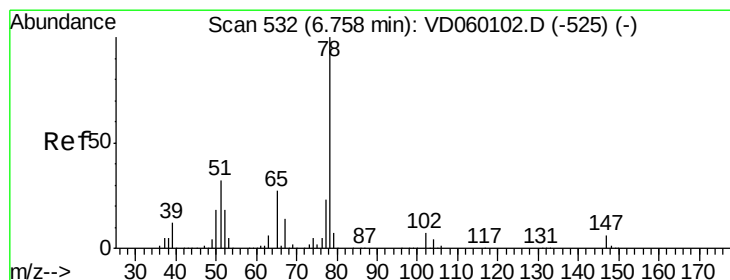
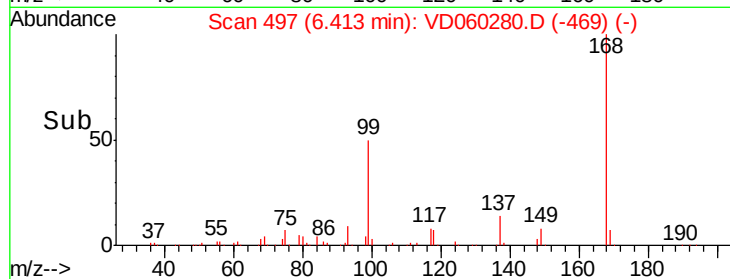
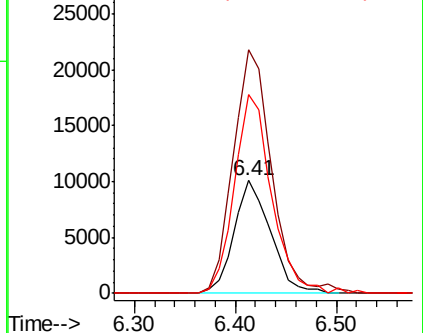
#31
Cyclohexane
Concen: 1.123 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.08 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion: 56 Resp: 25345
Ion Ratio Lower Upper
56 100
69 215.8 22.8 34.2#
84 175.7 64.9 97.3#

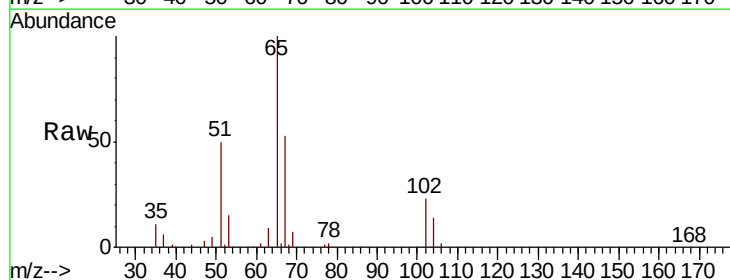


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

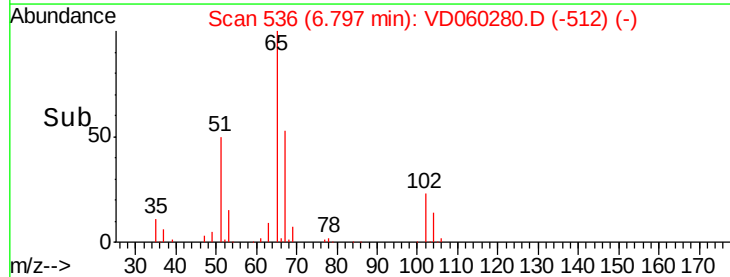
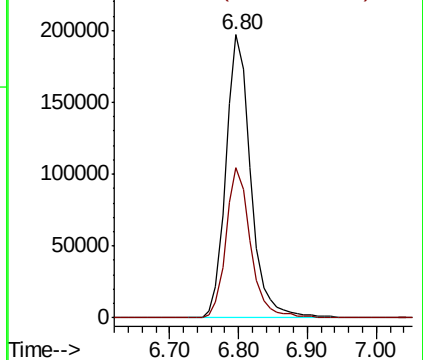


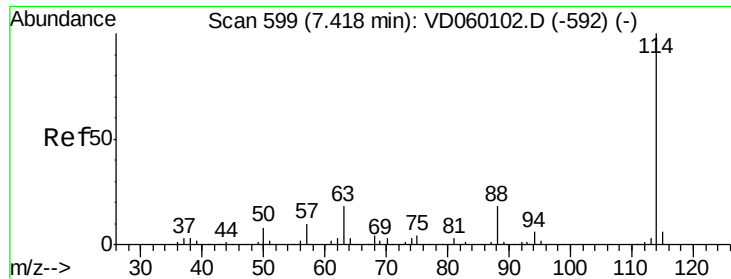
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.04 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Tgt Ion: 65 Resp: 492563
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2



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

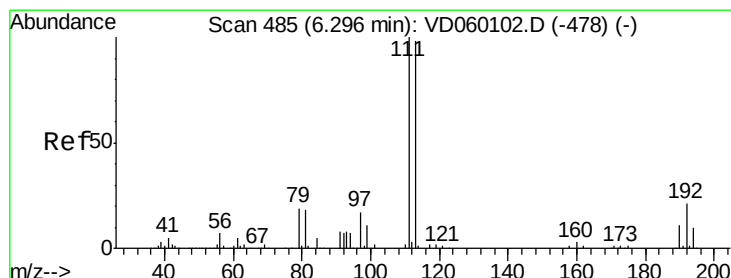
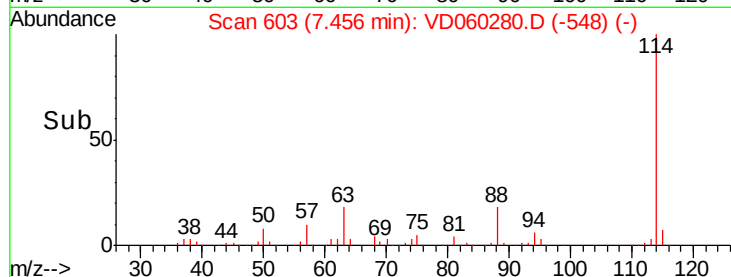
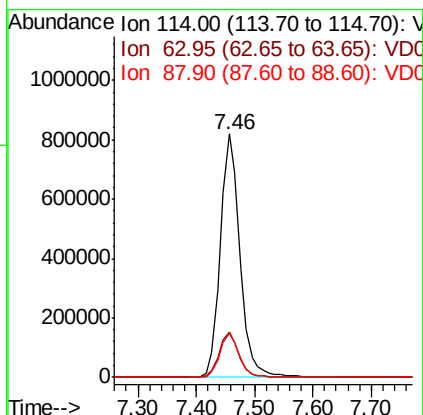
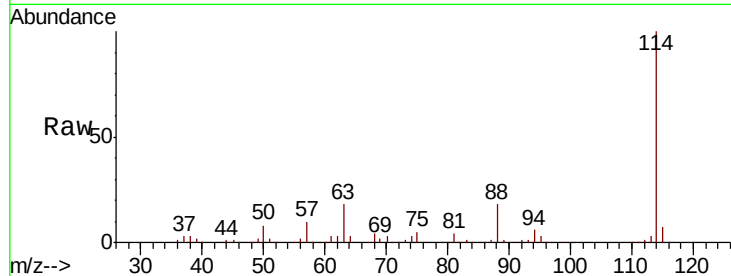




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060280.D
 Acq: 1 Nov 2018 23:41

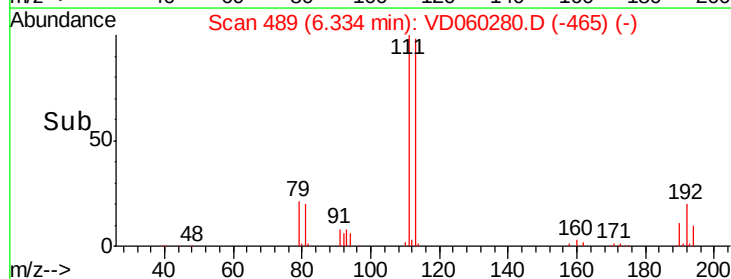
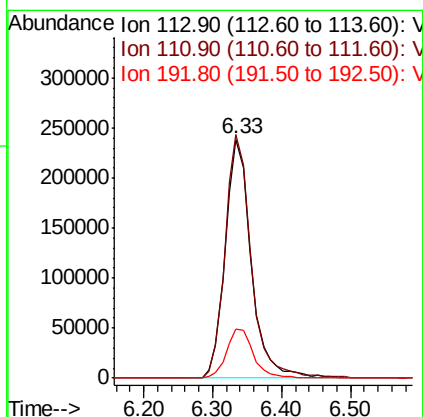
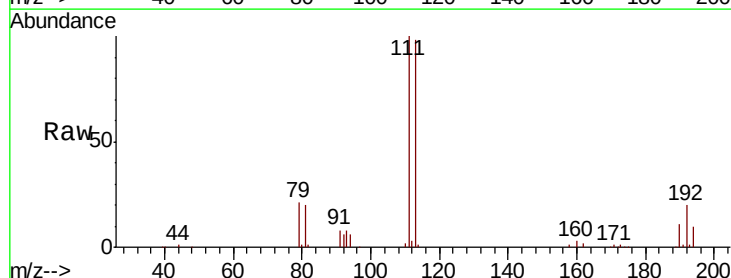
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-5

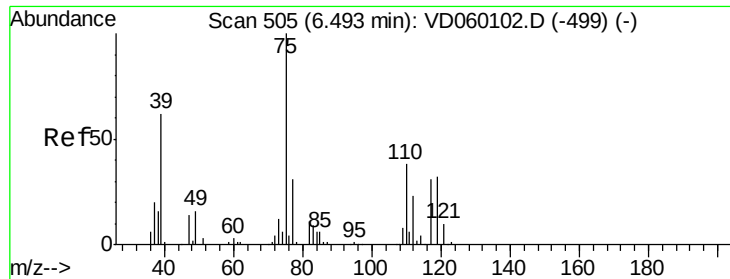
Tgt Ion:114 Resp: 1914837
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 18.0 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060280.D
 Acq: 1 Nov 2018 23:41

Tgt Ion:113 Resp: 624954
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 20.7 17.4 26.0

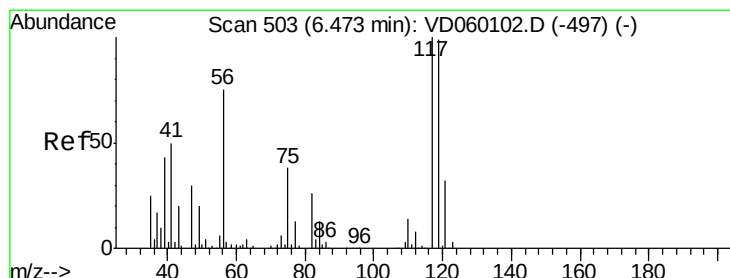
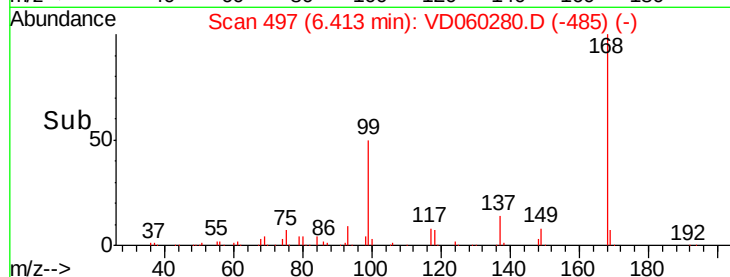
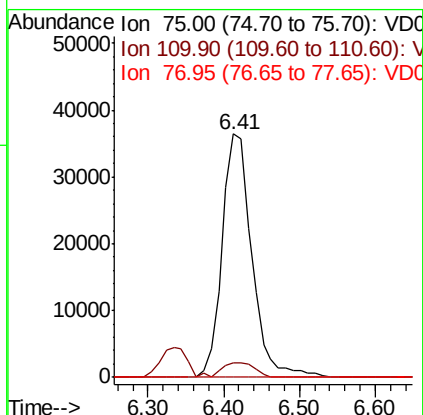
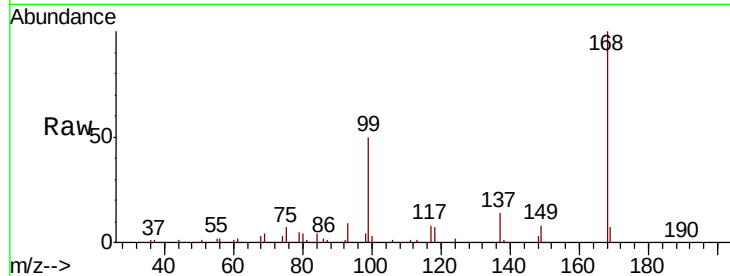




#36
 1,1-Dichloropropene
 Concen: 5.409 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: VD060280.D
 Acq: 1 Nov 2018 23:41

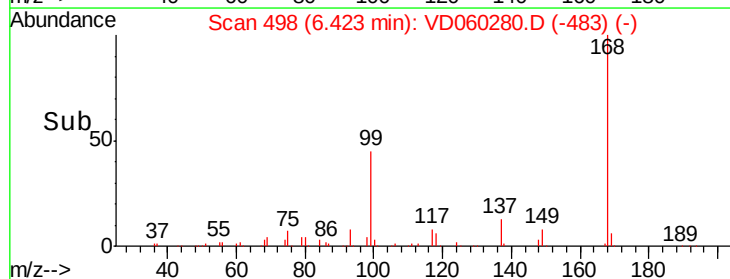
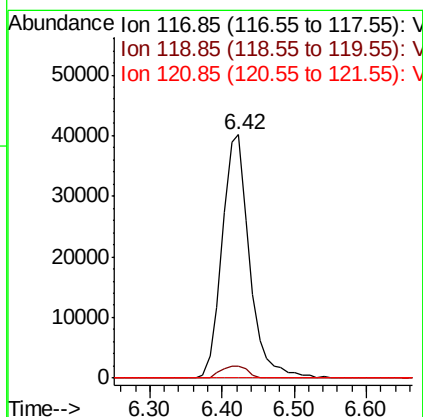
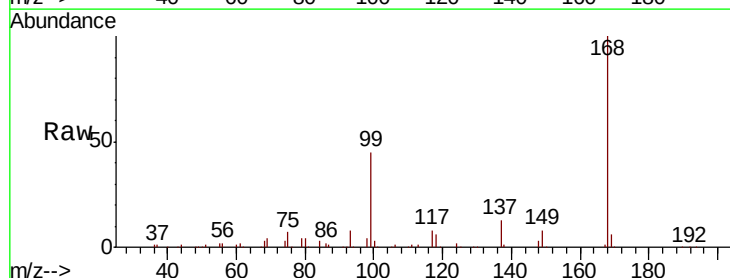
Instrument :
 MSVOA_D
 ClientSampled :
 TP-5

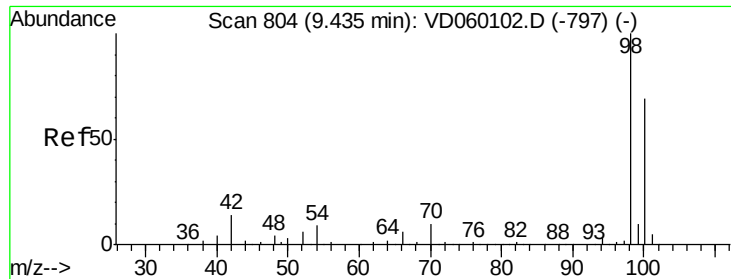
Tgt Ion: 75 Resp: 98977
 Ion Ratio Lower Upper
 75 100
 110 5.9 19.0 57.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.338 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: VD060280.D
 Acq: 1 Nov 2018 23:41

Tgt Ion: 117 Resp: 105252
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.8 116.6#
 121 0.0 24.8 37.2#

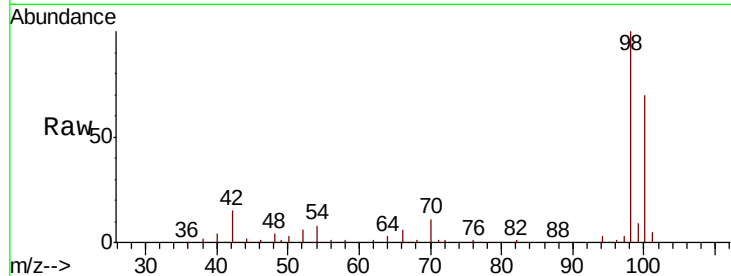




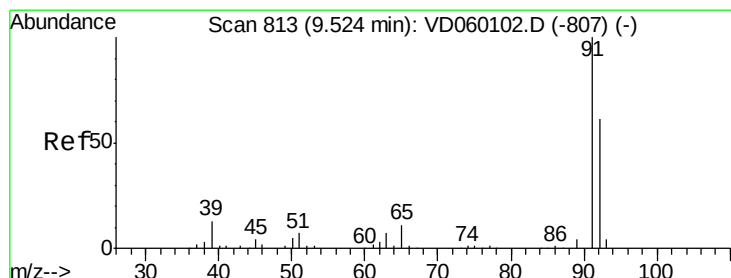
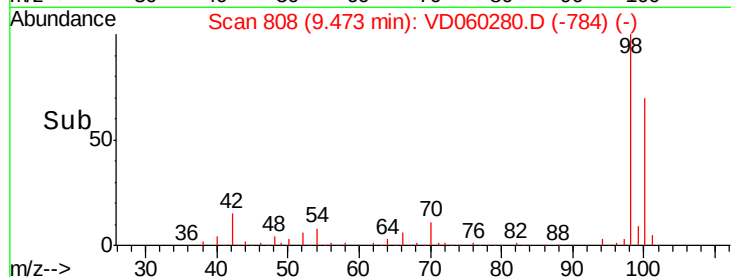
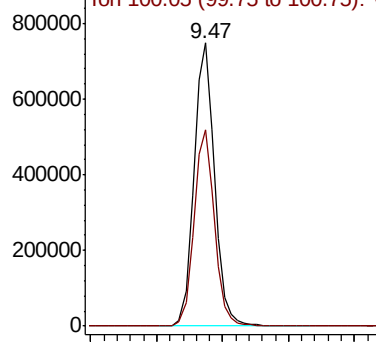
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.04 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion: 98 Resp: 1626904
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0

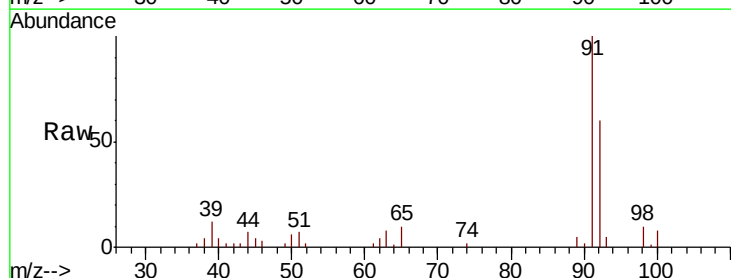


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

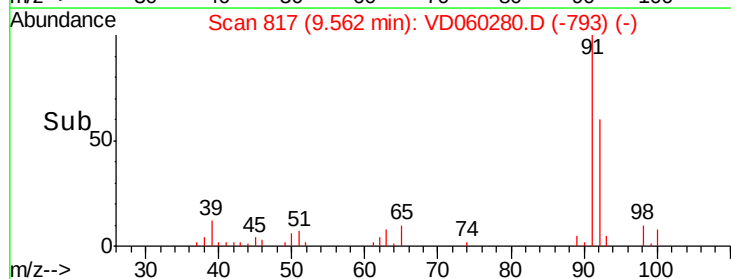
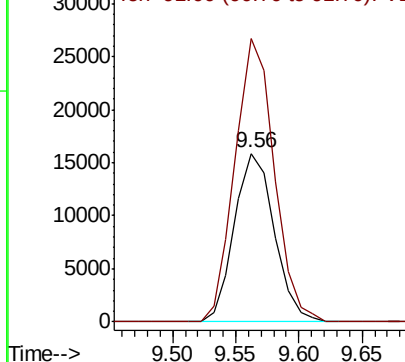


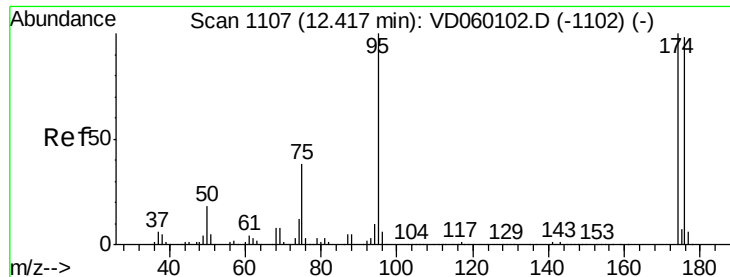
#52
Toluene
Concen: 1.129 ug/l
RT: 9.56 min Scan# 817
Delta R.T. 0.04 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Tgt Ion: 92 Resp: 34798
Ion Ratio Lower Upper
92 100
91 167.7 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

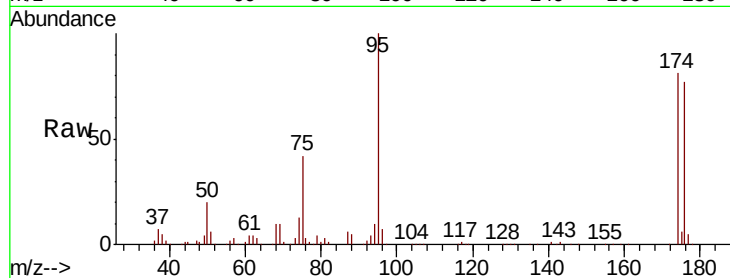




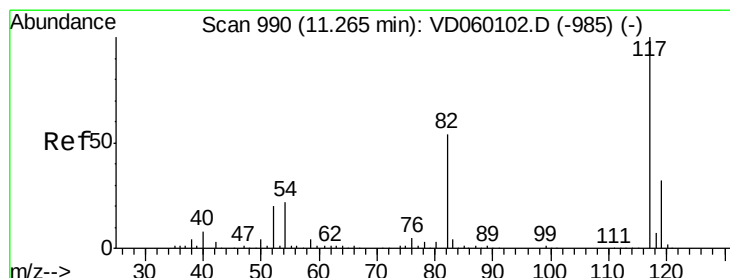
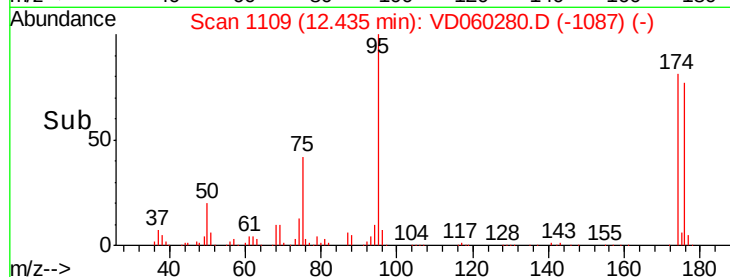
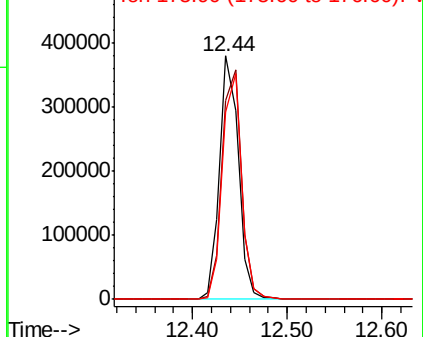
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion: 95 Resp: 525430
Ion Ratio Lower Upper
95 100
174 81.4 0.0 200.2
176 76.7 0.0 195.6

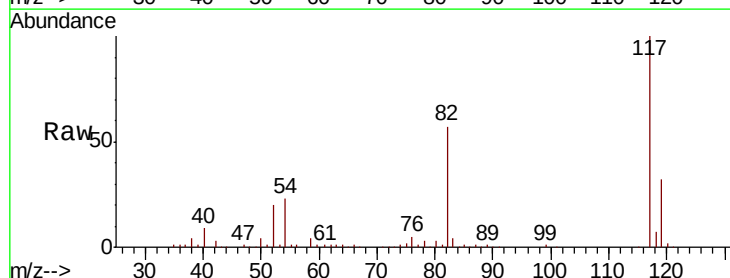


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

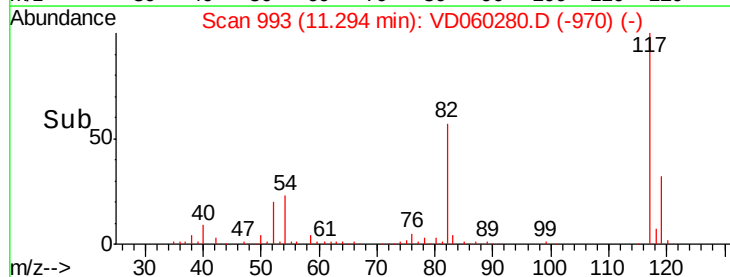
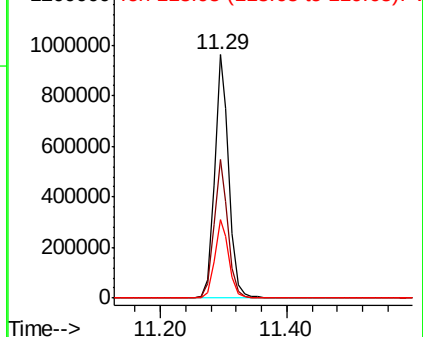


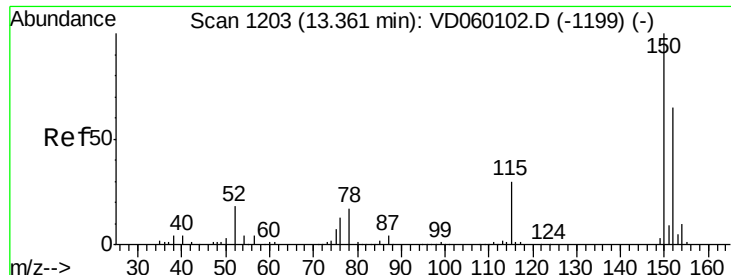
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Tgt Ion: 117 Resp: 1527509
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 32.1 26.0 39.0



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



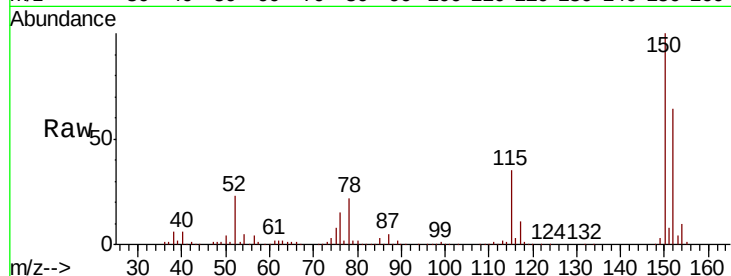


#72

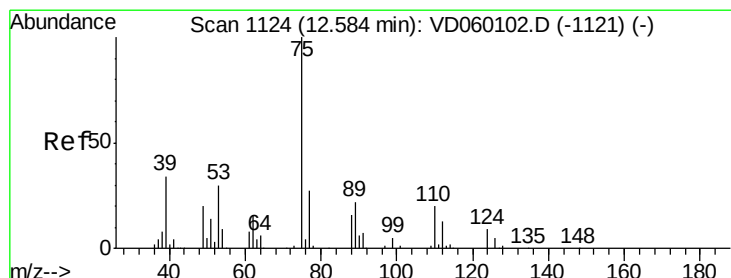
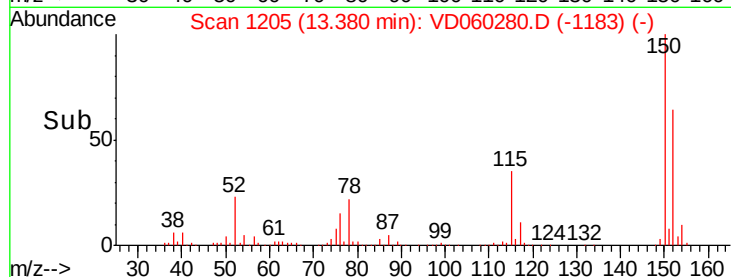
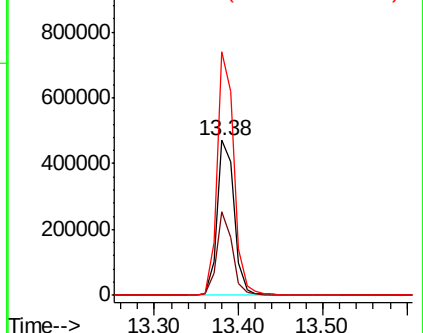
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion:152 Resp: 658608
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.2
150 157.1 0.0 311.8



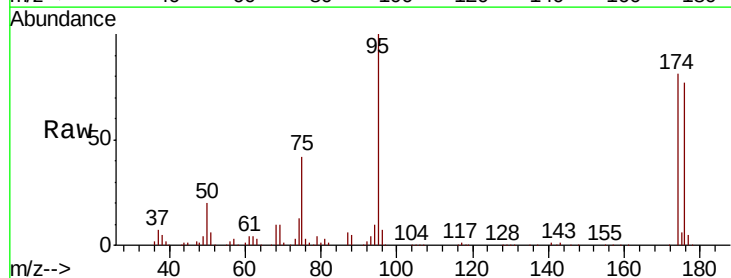
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



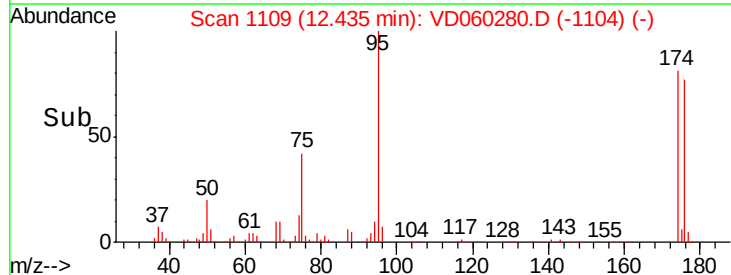
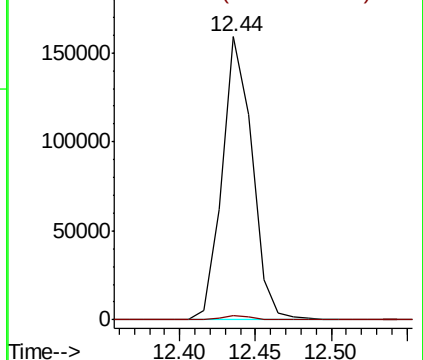
#76

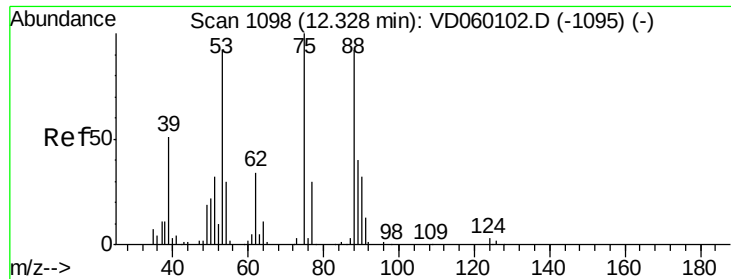
1,2,3-Trichloropropane
Concen: 23.150 ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.15 min
Lab File: VD060280.D
Acq: 1 Nov 2018 23:41

Tgt Ion: 75 Resp: 219571
Ion Ratio Lower Upper
75 100
77 1.7 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 82.288 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.11 min

Lab File: VD060280.D

Acq: 1 Nov 2018 23:41

Instrument :

MSVOA_D

ClientSampleId :

TP-5

Tgt Ion: 75 Resp: 219305

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

