

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060277.D
 Acq On : 1 Nov 2018 22:16
 Operator : VA/AP
 Sample : J5741-07
 Misc : 6.65g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Nov 02 02:43:51 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	6.41	168	1393940	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2022756	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1640822	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	852939	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	506585	47.94	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	6.33	113	627569	40.86	ug/l	0.03
Spiked Amount	50.000		Recovery	=	81.72%	
50) Toluene-d8	9.46	98	1730253	39.50	ug/l	0.02
Spiked Amount	50.000		Recovery	=	79.00%	
62) 4-Bromofluorobenzene	12.43	95	635070	38.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.44%	

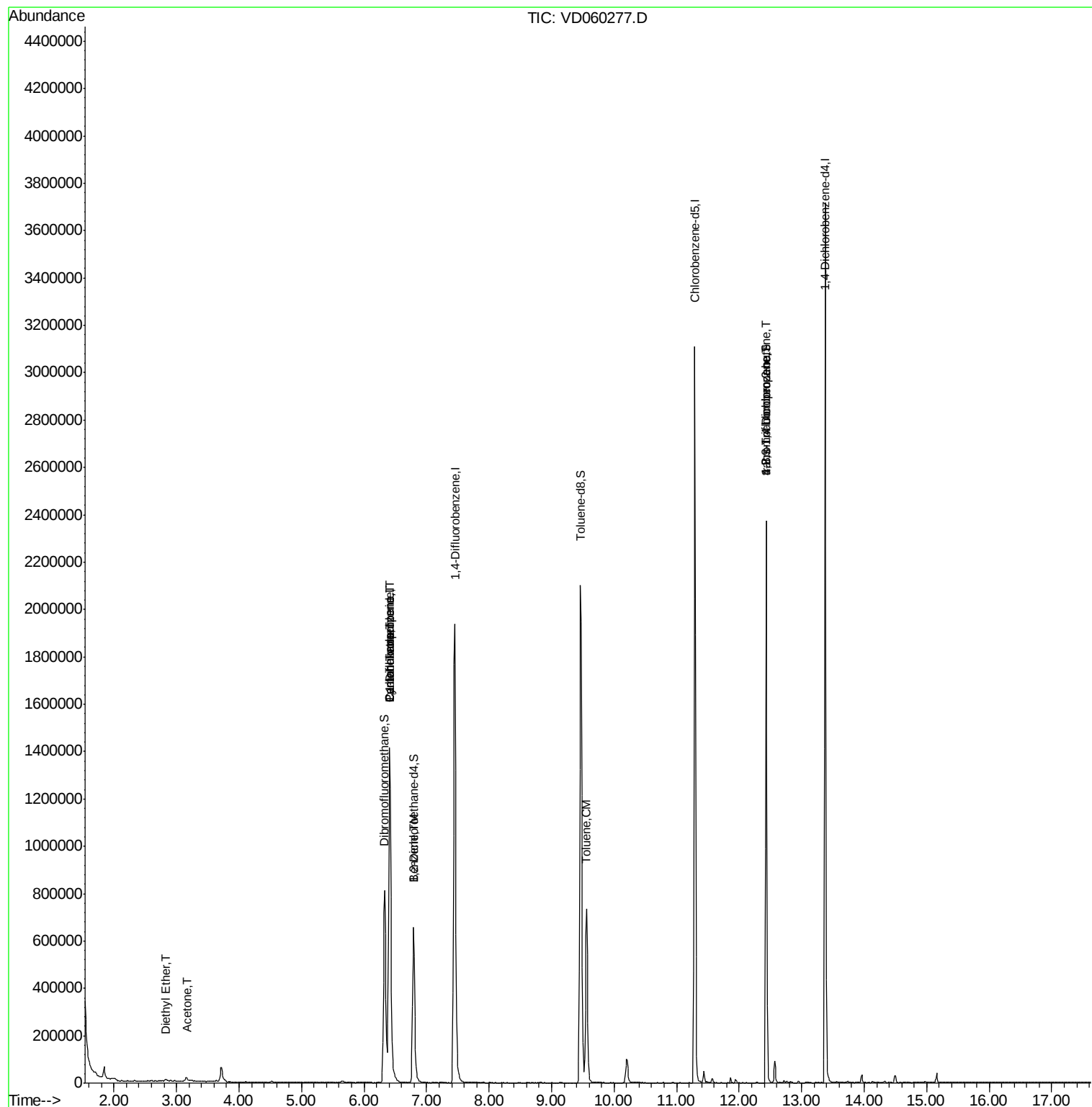
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.83	74	2547	1.069	ug/l	83
16) Acetone	3.15	43	32739	17.076	ug/l	95
20) Methylene Chloride	3.72	84	35951	Below Cal		96
31) Cyclohexane	6.41	56	25621	1.119	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	101117	5.231	ug/l #	47
38) Carbon Tetrachloride	6.41	117	107335	6.118	ug/l #	15
40) Benzene	6.80	78	58549	1.158	ug/l	98
52) Toluene	9.56	92	383353	11.771	ug/l	98
76) 1,2,3-Trichloropropane	12.43	75	262795	21.394	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	262771	76.133	ug/l #	13

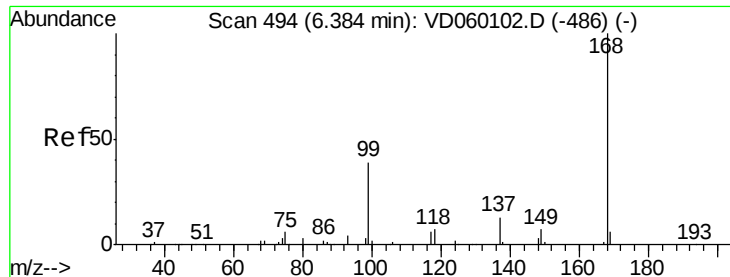
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
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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: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

Instrument :

MSVOA_D

ClientSampleId :

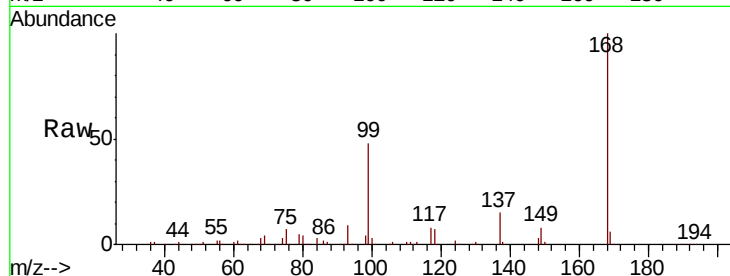
TP-2

Tgt Ion:168 Resp: 1393940

Ion Ratio Lower Upper

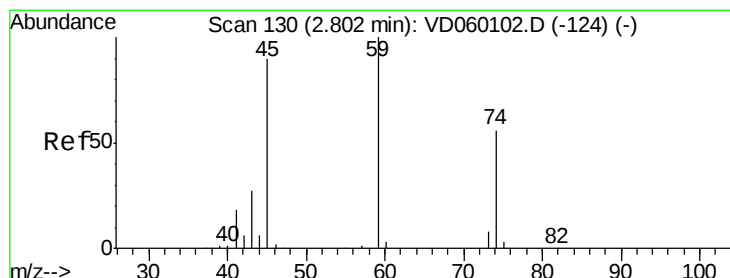
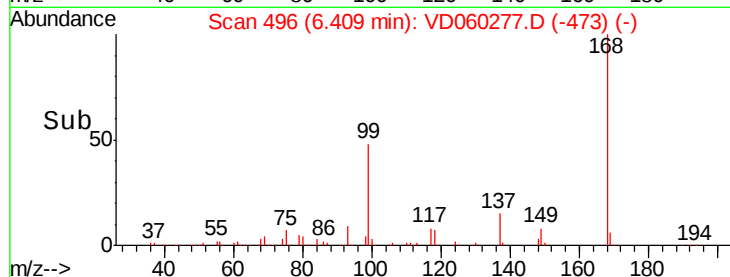
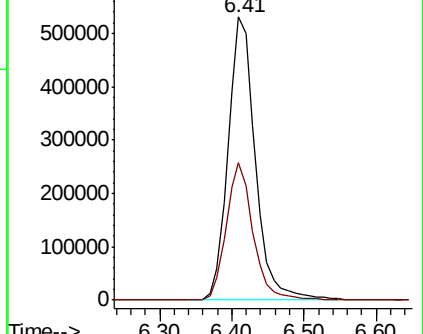
168 100

99 48.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.069 ug/l

RT: 2.83 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060277.D

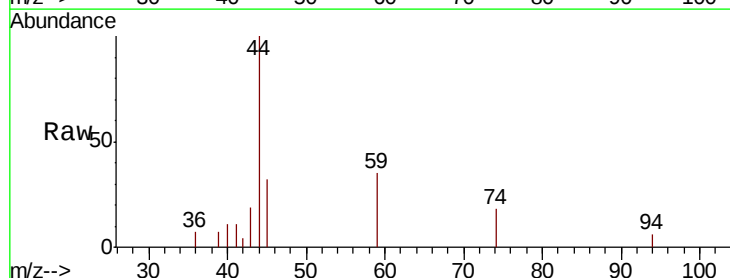
Acq: 1 Nov 2018 22:16

Tgt Ion: 74 Resp: 2547

Ion Ratio Lower Upper

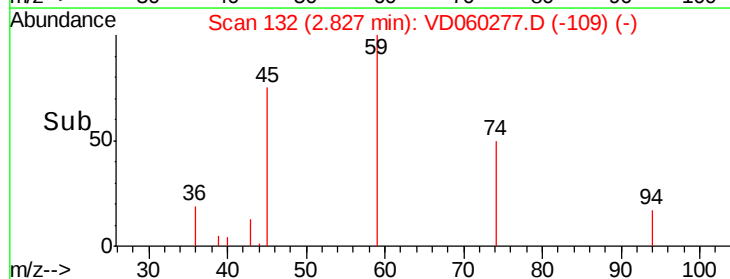
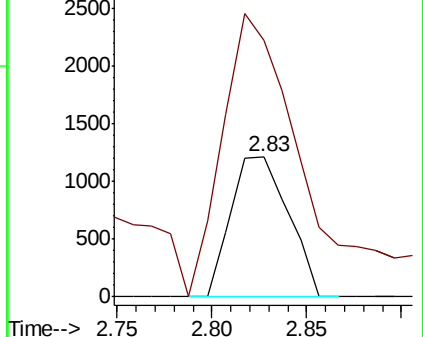
74 100

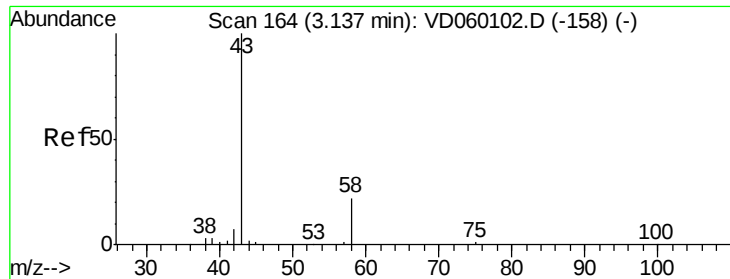
45 183.4 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 17.076 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

Instrument :

MSVOA_D

ClientSampled :

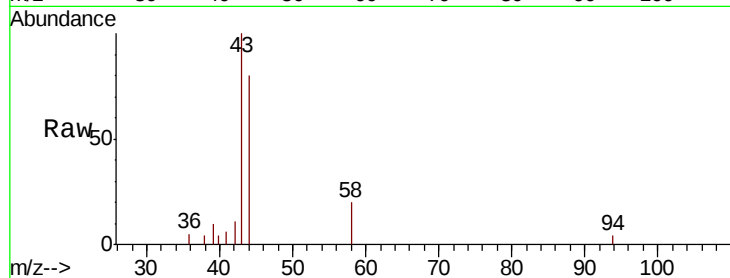
TP-2

Tgt Ion: 43 Resp: 32739

Ion Ratio Lower Upper

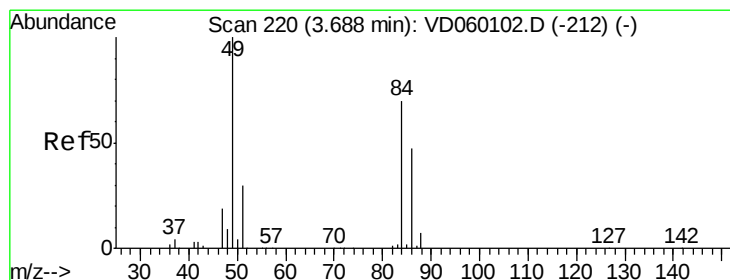
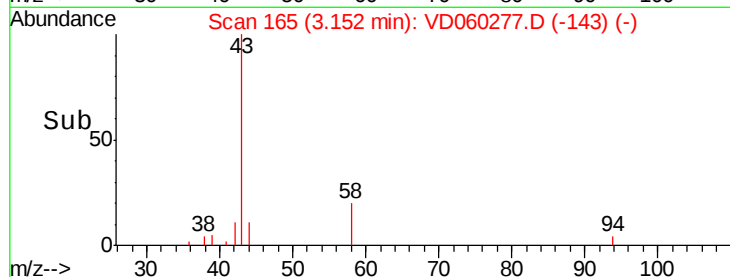
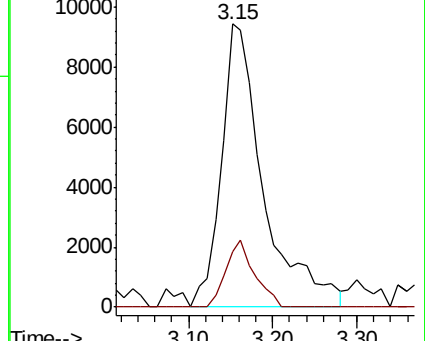
43 100

58 19.8 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.72 min Scan# 223

Delta R.T. 0.04 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

Tgt Ion: 84 Resp: 35951

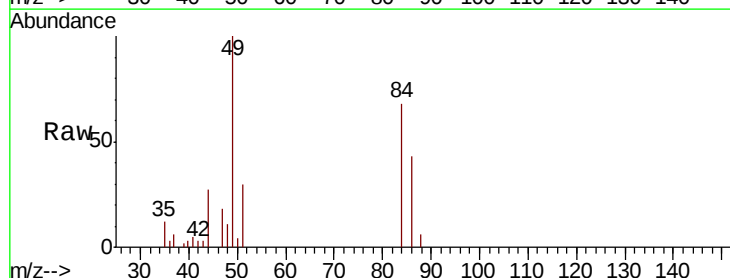
Ion Ratio Lower Upper

84 100

49 147.9 114.6 172.0

51 44.1 33.8 50.8

86 63.8 53.3 79.9

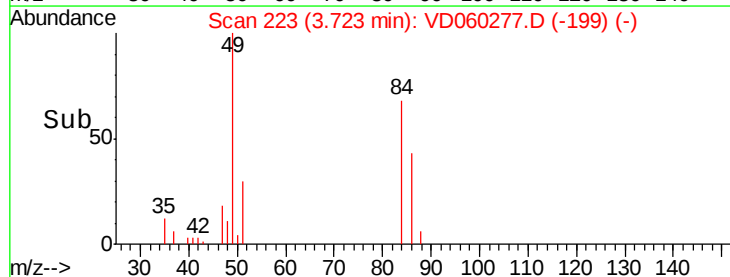
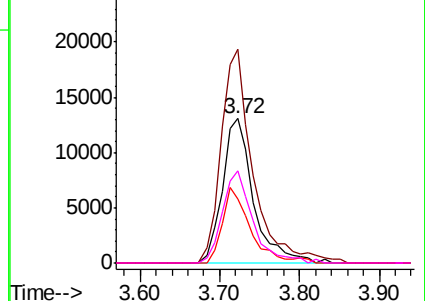


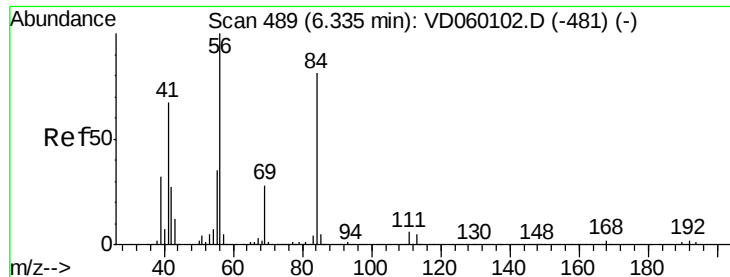
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

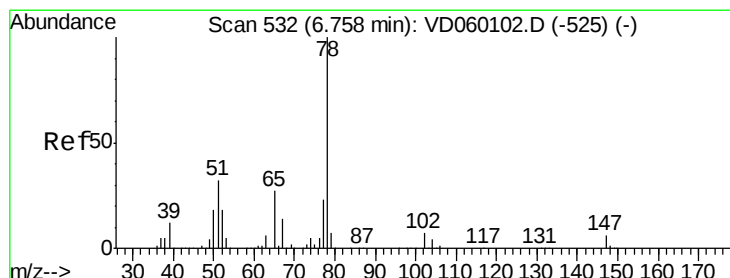
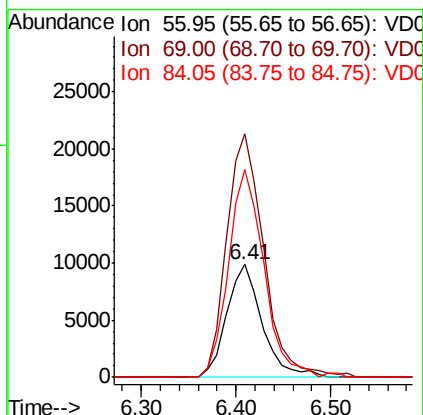
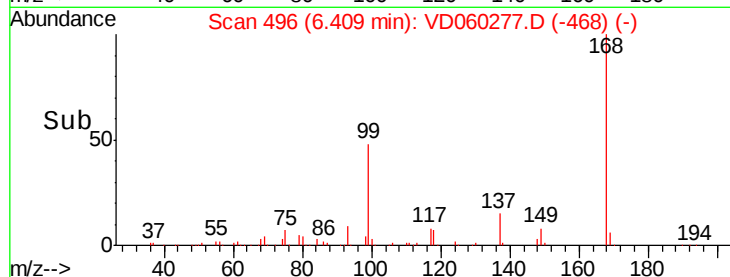
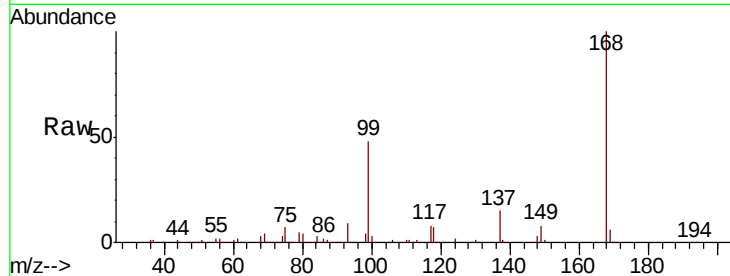




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060277.D
Acq: 1 Nov 2018 22:16

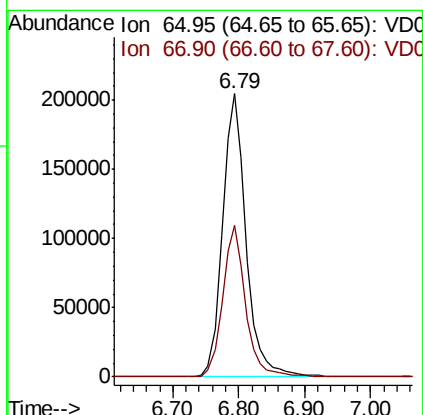
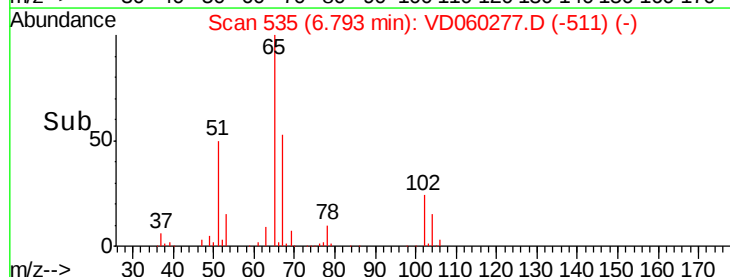
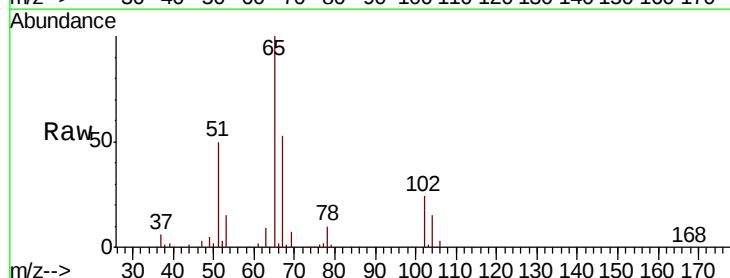
Instrument :
MSVOA_D
ClientSampled :
TP-2

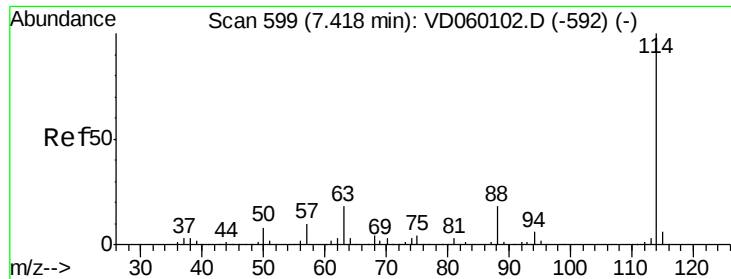
Tgt Ion: 56 Resp: 25621
Ion Ratio Lower Upper
56 100
69 215.4 22.8 34.2#
84 183.4 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060277.D
Acq: 1 Nov 2018 22:16

Tgt Ion: 65 Resp: 506585
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2

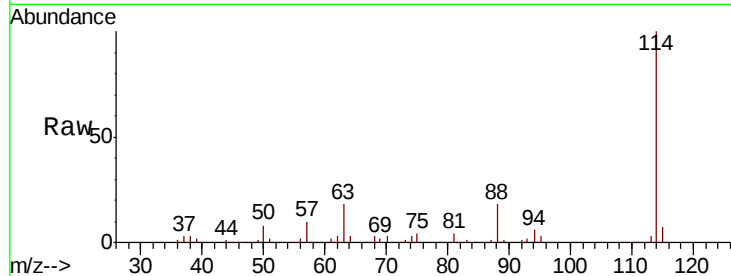




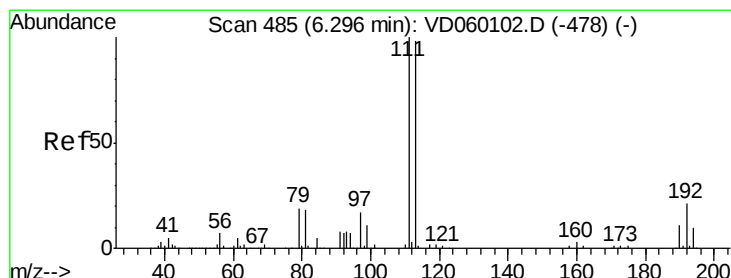
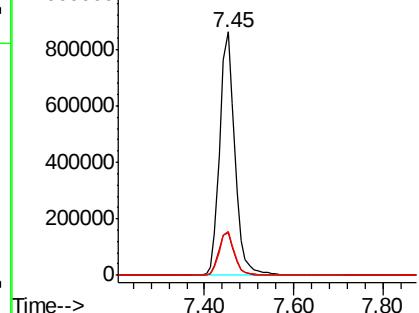
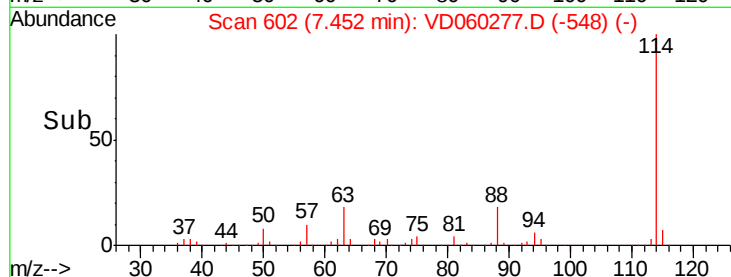
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

Tgt Ion:114 Resp: 2022756
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 18.2 0.0 36.2

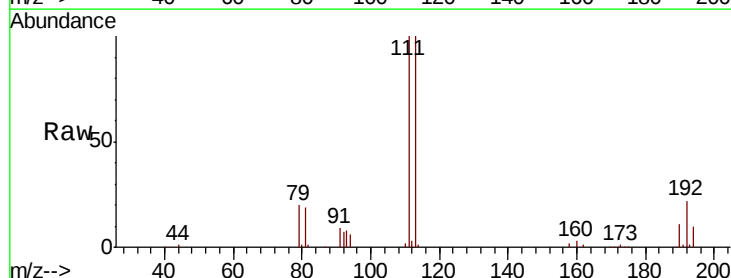


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

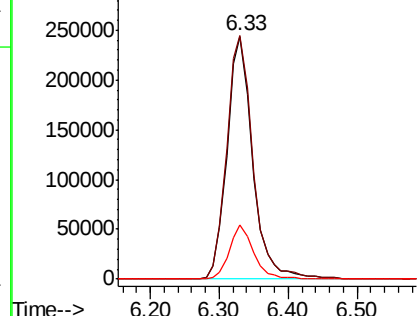
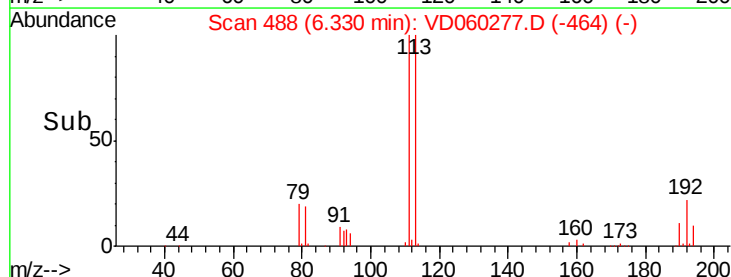


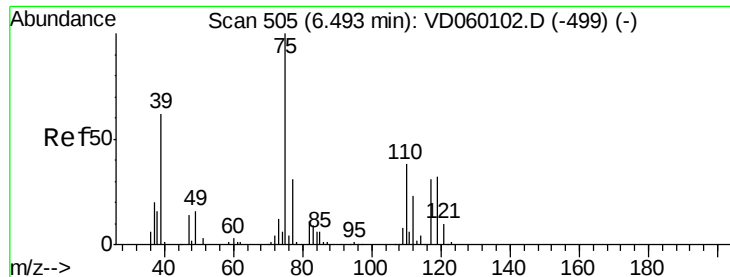
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

Tgt Ion:113 Resp: 627569
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.5 122.3
 192 22.5 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

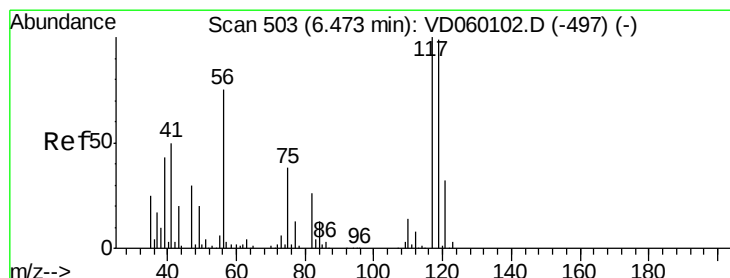
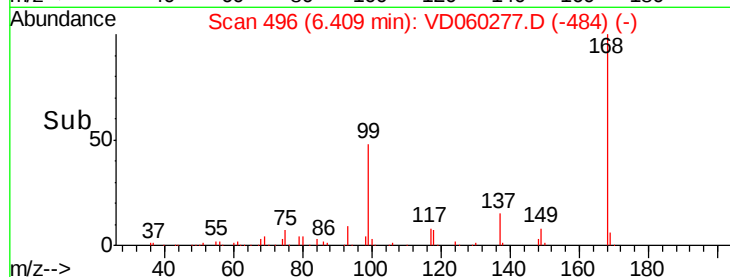
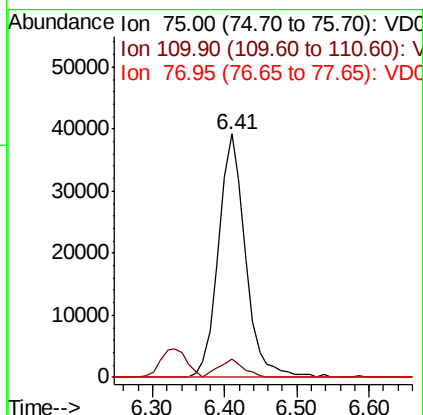
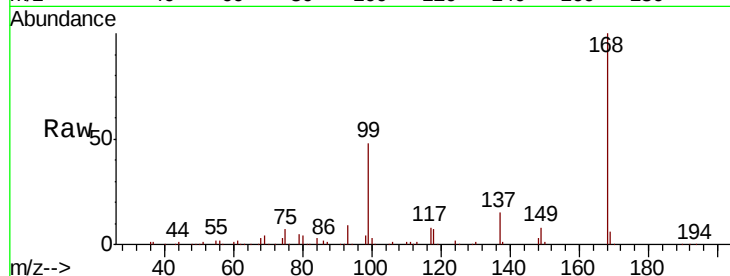




#36
 1,1-Dichloropropene
 Concen: 5.231 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.08 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

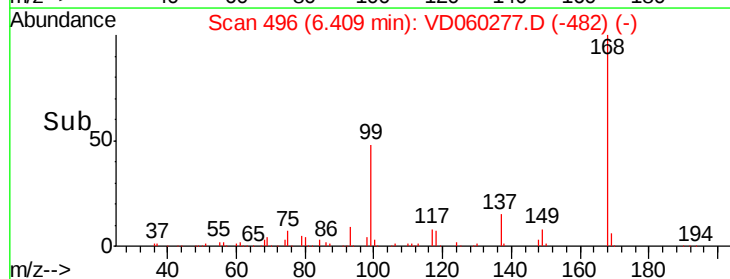
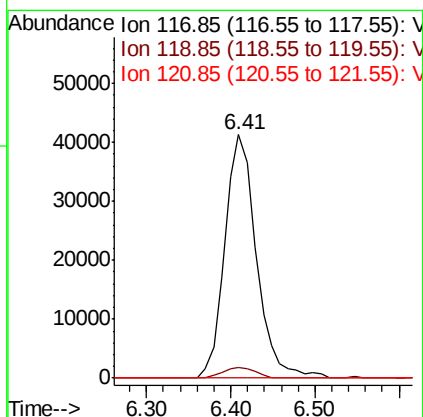
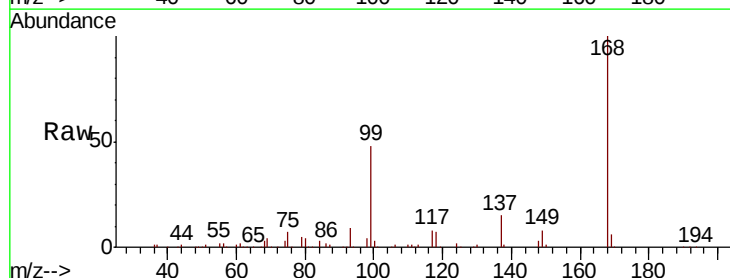
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

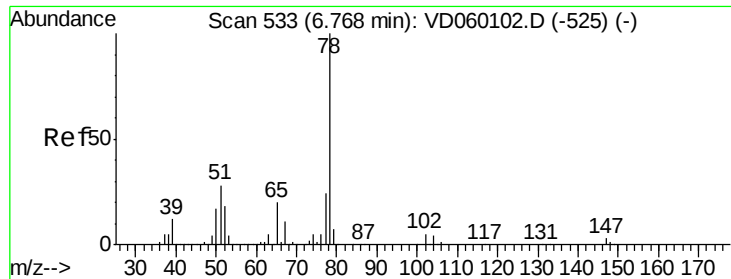
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	19.0	57.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.118 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.06 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.8	116.6#
121	0.0	24.8	37.2#





#40

Benzene

Concen: 1.158 ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.03 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

Instrument :

MSVOA_D

ClientSampleId :

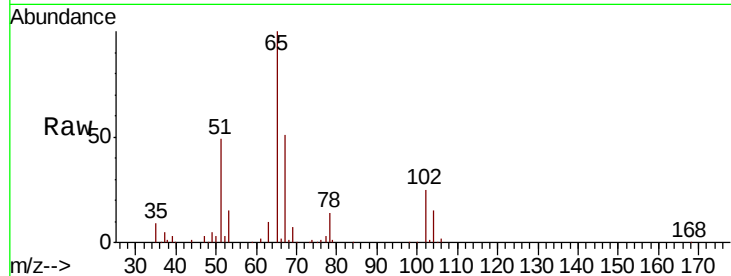
TP-2

Tgt Ion: 78 Resp: 58549

Ion Ratio Lower Upper

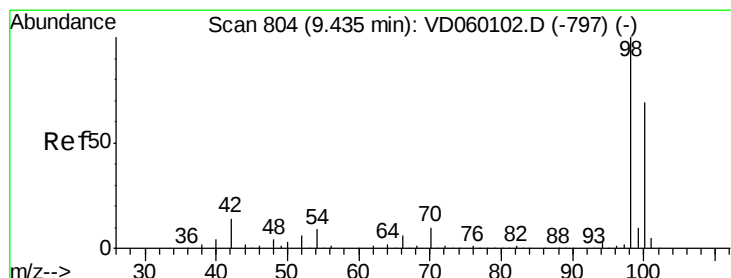
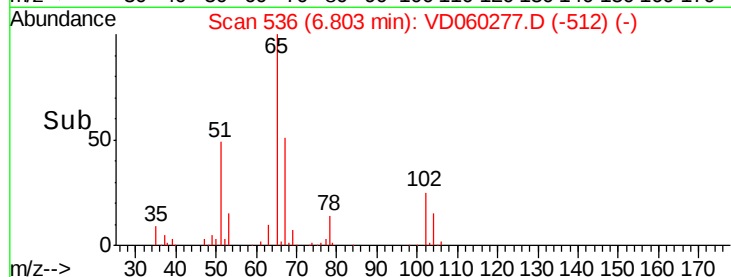
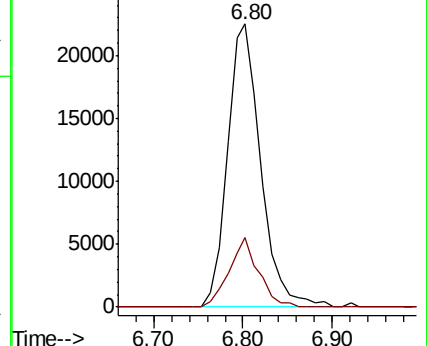
78 100

77 24.5 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060277.D

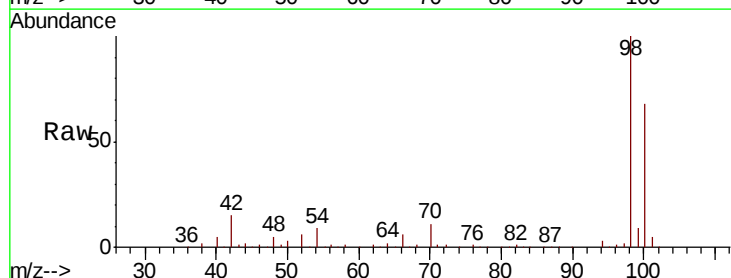
Acq: 1 Nov 2018 22:16

Tgt Ion: 98 Resp: 1730253

Ion Ratio Lower Upper

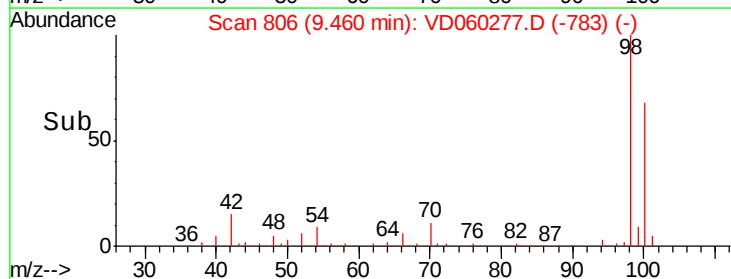
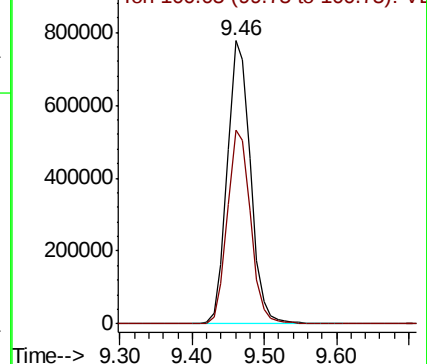
98 100

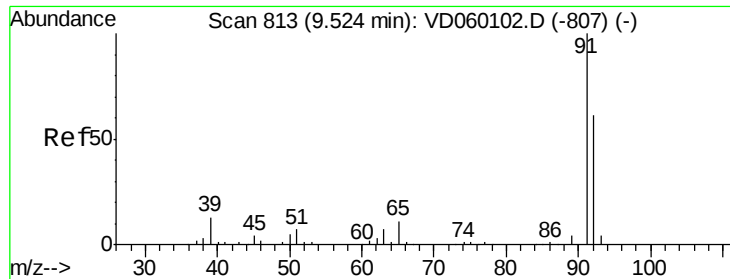
100 68.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 11.771 ug/l

RT: 9.56 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

Instrument :

MSVOA_D

ClientSampleId :

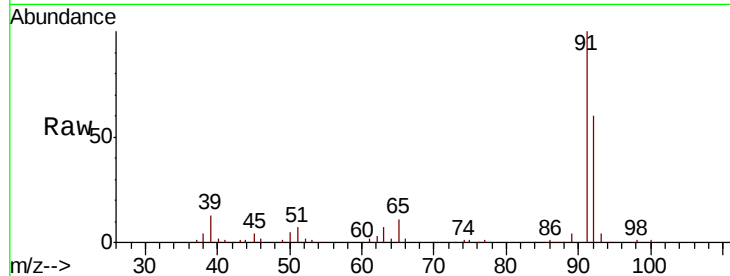
TP-2

Tgt Ion: 92 Resp: 383353

Ion Ratio Lower Upper

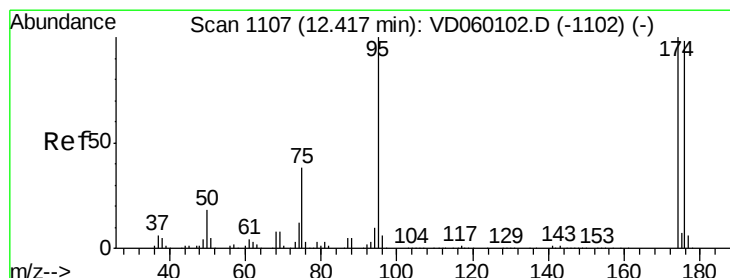
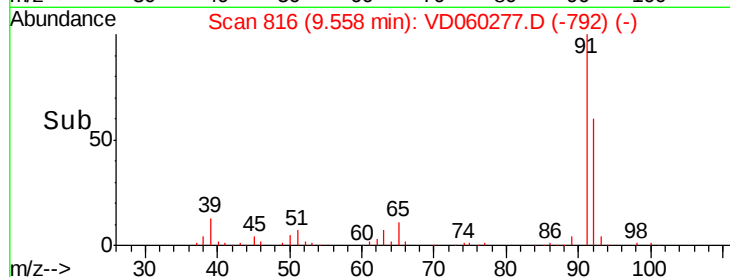
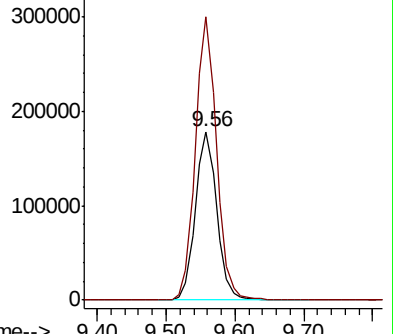
92 100

91 168.0 131.9 197.9



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: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060277.D

Acq: 1 Nov 2018 22:16

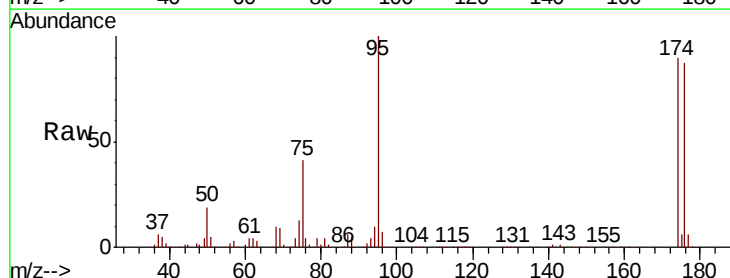
Tgt Ion: 95 Resp: 635070

Ion Ratio Lower Upper

95 100

174 90.0 0.0 200.2

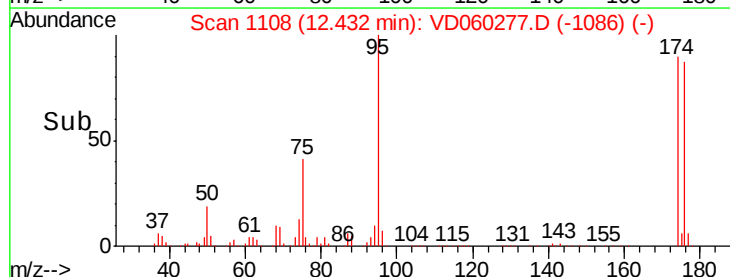
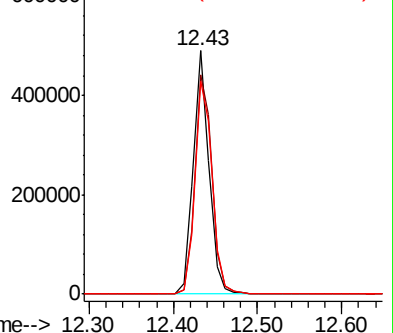
176 87.4 0.0 195.6

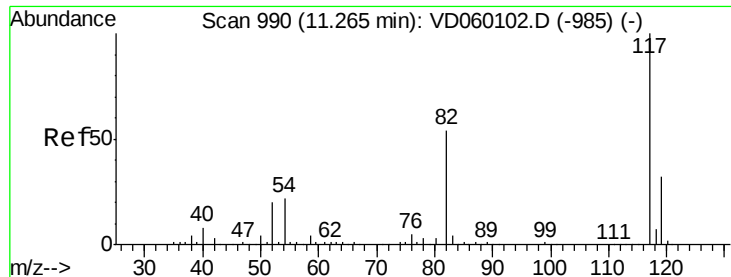


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

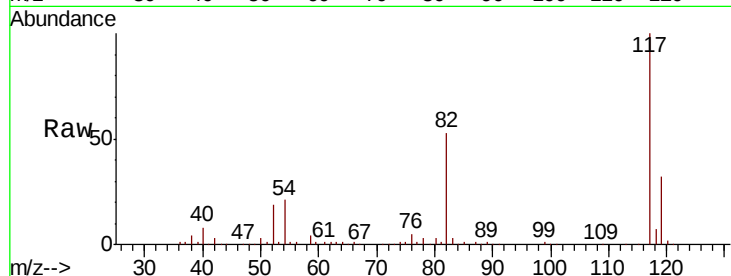




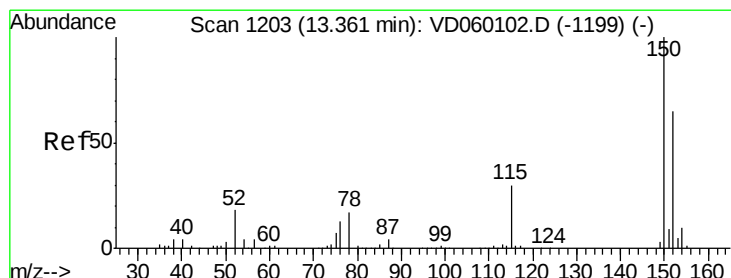
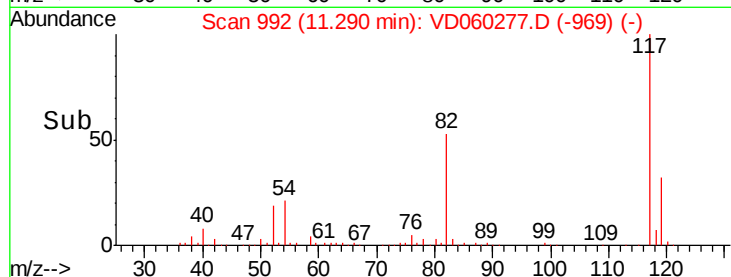
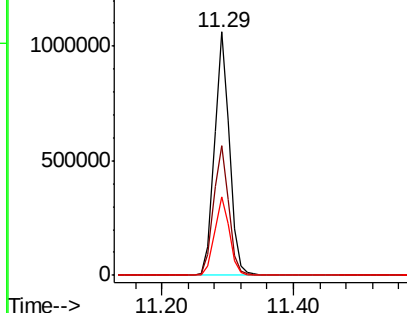
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060277.D
Acq: 1 Nov 2018 22:16

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:117 Resp: 1640822
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.2
119 32.4 26.0 39.0

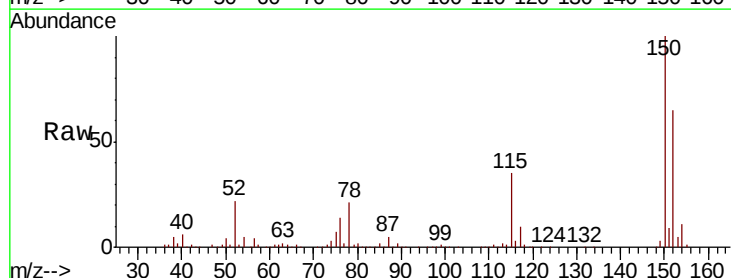


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

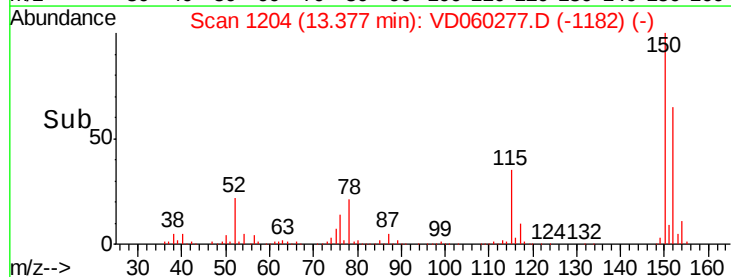
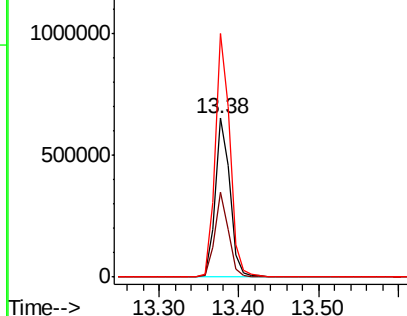


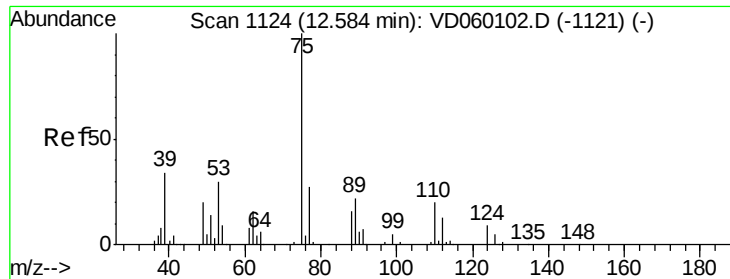
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.02 min
Lab File: VD060277.D
Acq: 1 Nov 2018 22:16

Tgt Ion:152 Resp: 852939
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.2
150 153.5 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

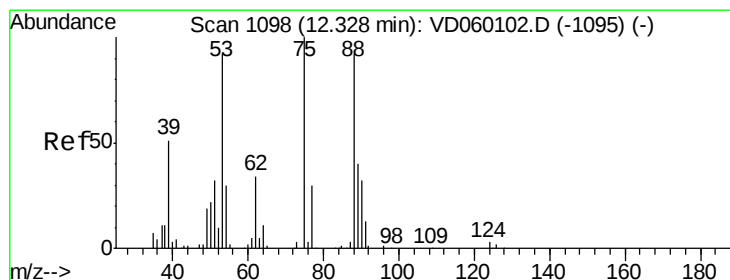
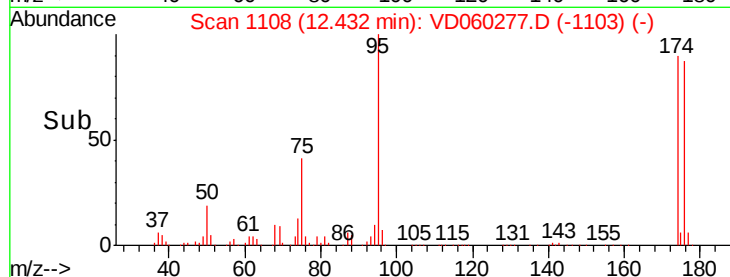
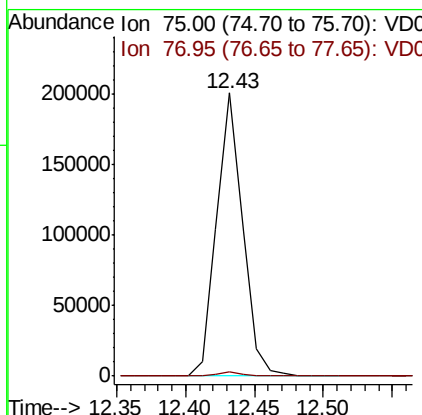
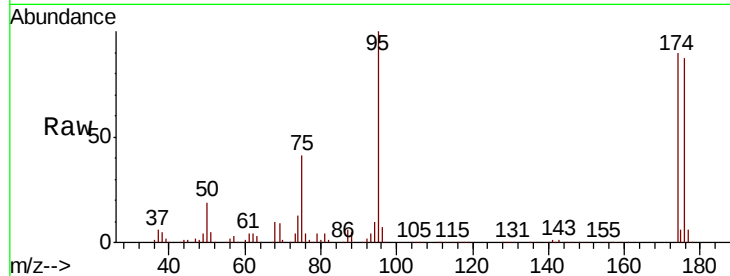




#76
 1,2,3-Trichloropropane
 Concen: 21.394 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 262795
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.133 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060277.D
 Acq: 1 Nov 2018 22:16

Tgt Ion: 75 Resp: 262771
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

