

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060275.D
 Acq On : 1 Nov 2018 21:19
 Operator : VA/AP
 Sample : J5755-11
 Misc : 6.74g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2A-D

Quant Time: Nov 02 02:43:35 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	1559193	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2210369	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1838137	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	909992	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	527024	44.59	ug/l	0.03
Spiked Amount 50.000			Recovery =	89.18%		
35) Dibromofluoromethane	6.33	113	672900	40.09	ug/l	0.03
Spiked Amount 50.000			Recovery =	80.18%		
50) Toluene-d8	9.46	98	1867858	39.02	ug/l	0.02
Spiked Amount 50.000			Recovery =	78.04%		
62) 4-Bromofluorobenzene	12.43	95	673844	37.60	ug/l	0.01
Spiked Amount 50.000			Recovery =	75.20%		

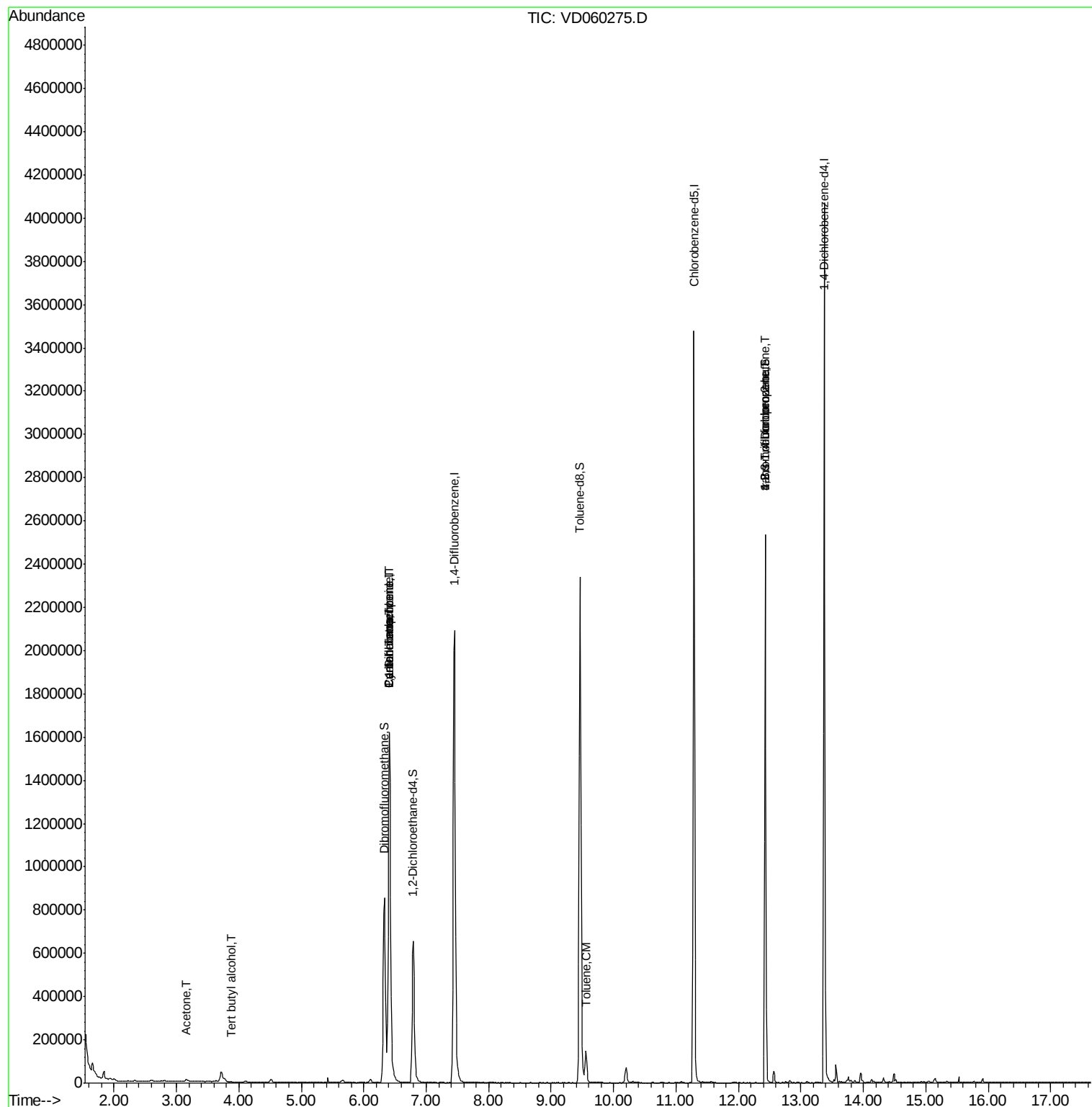
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.89	59	896	1.057	ug/l #	74
16) Acetone	3.15	43	21579	10.062	ug/l #	90
20) Methylene Chloride	3.71	84	27004	Below Cal		89
31) Cyclohexane	6.41	56	29350	1.146	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	110522	5.233	ug/l #	44
38) Carbon Tetrachloride	6.41	117	120264	6.273	ug/l #	16
52) Toluene	9.56	92	72780	2.045	ug/l	81
76) 1,2,3-Trichloropropane	12.43	75	278333	21.239	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	278160	75.539	ug/l #	13

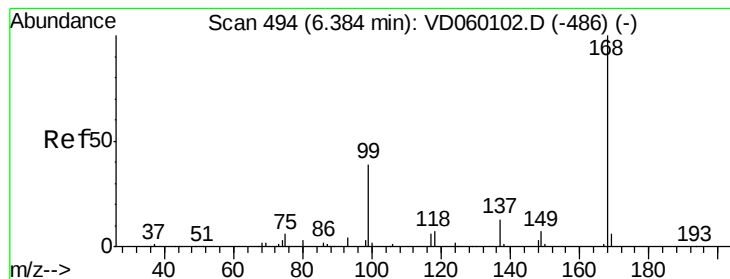
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
Data File : VD060275.D
Acq On : 1 Nov 2018 21:19
Operator : VA/AP
Sample : J5755-11
Misc : 6.74g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2A-D

Quant Time: Nov 02 02:43:35 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: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleID :

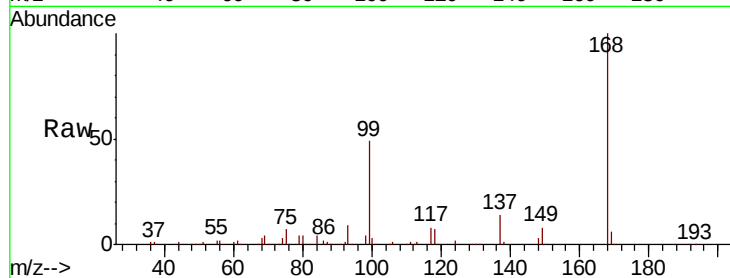
TP-2A-D

Tgt Ion:168 Resp: 1559193

Ion Ratio Lower Upper

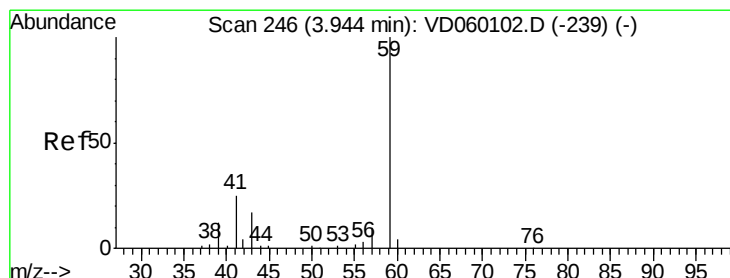
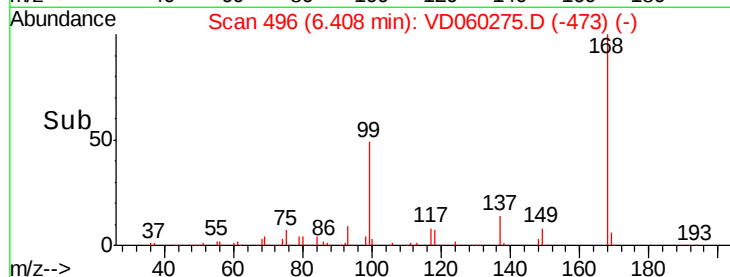
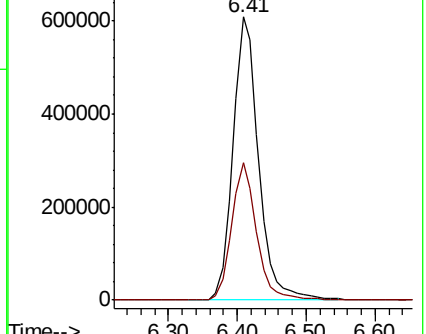
168 100

99 48.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.057 ug/l

RT: 3.89 min Scan# 240

Delta R.T. -0.05 min

Lab File: VD060275.D

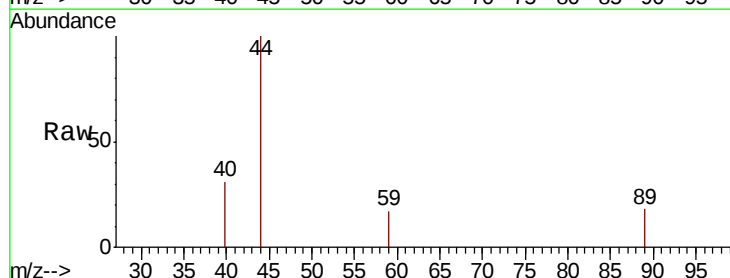
Acq: 1 Nov 2018 21:19

Tgt Ion: 59 Resp: 896

Ion Ratio Lower Upper

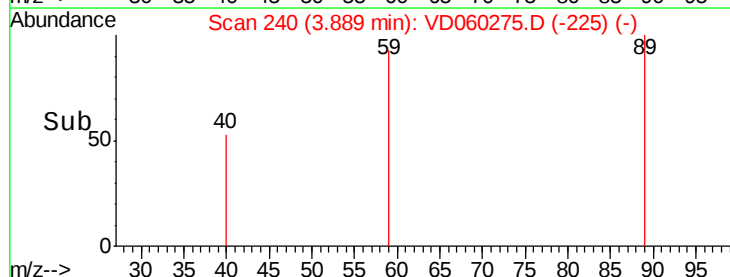
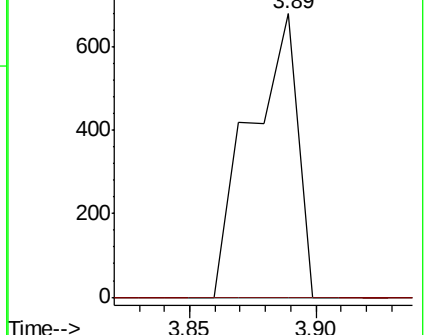
59 100

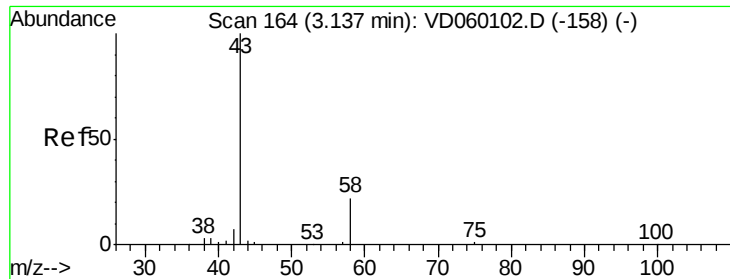
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 10.062 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleId :

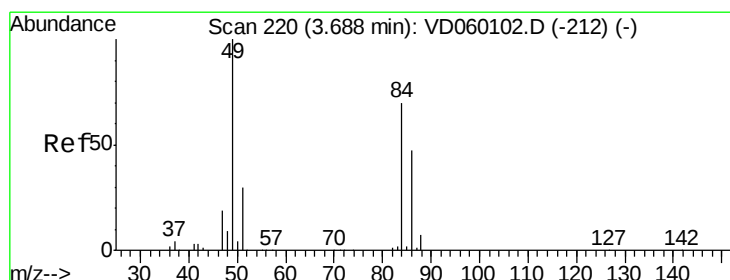
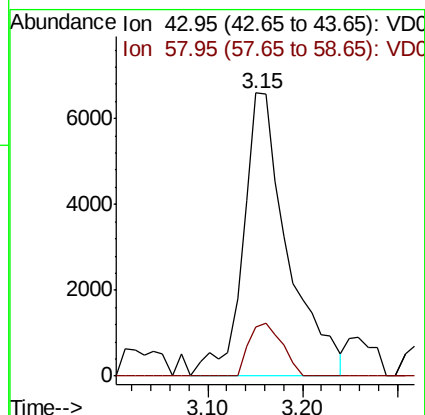
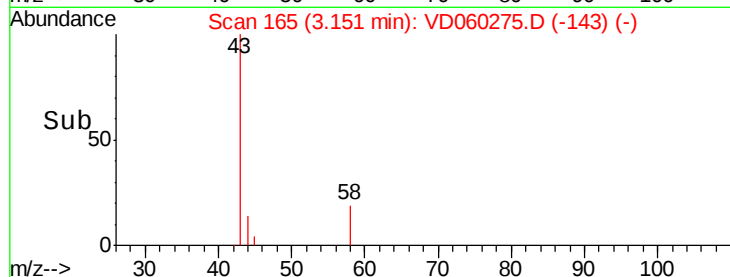
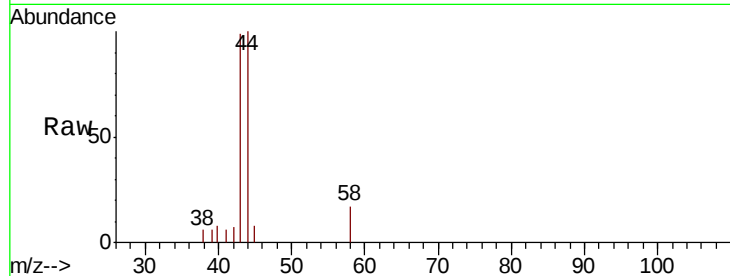
TP-2A-D

Tgt Ion: 43 Resp: 21579

Ion Ratio Lower Upper

43 100

58 17.4 17.7 26.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.71 min Scan# 222

Delta R.T. 0.02 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Tgt Ion: 84 Resp: 27004

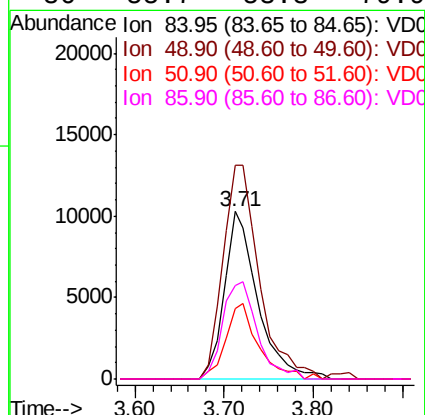
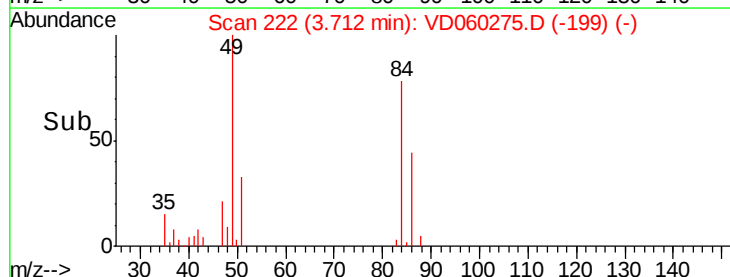
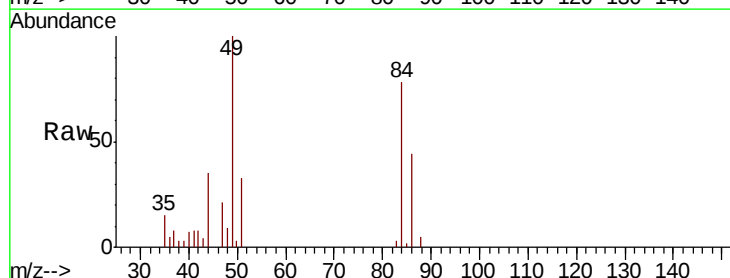
Ion Ratio Lower Upper

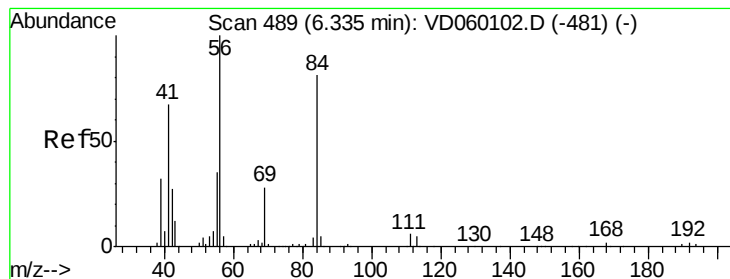
84 100

49 127.6 114.6 172.0

51 42.2 33.8 50.8

86 55.7 53.3 79.9





#31

Cyclohexane

Concen: 1.146 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.07 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2A-D

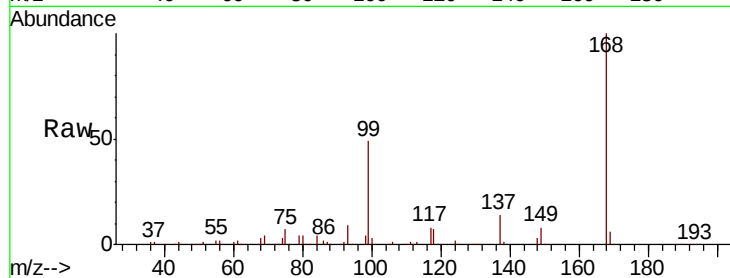
Tgt Ion: 56 Resp: 29350

Ion Ratio Lower Upper

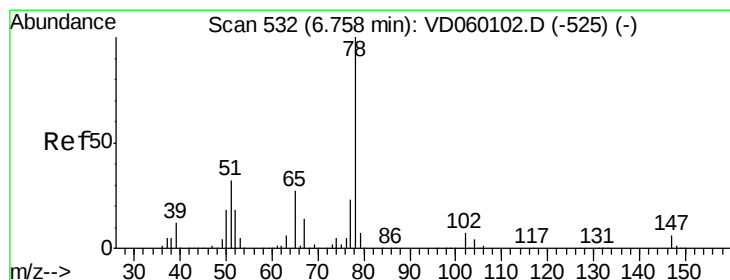
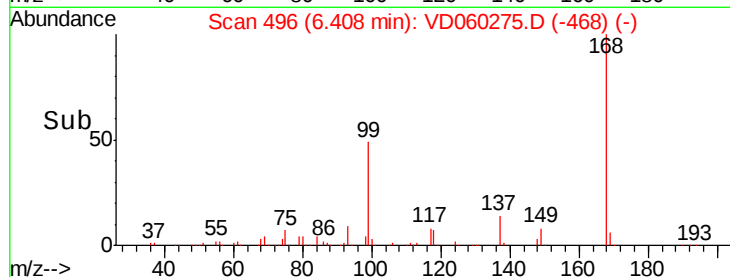
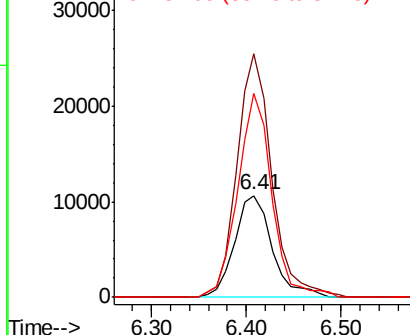
56 100

69 239.8 22.8 34.2#

84 200.8 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: VD060275.D

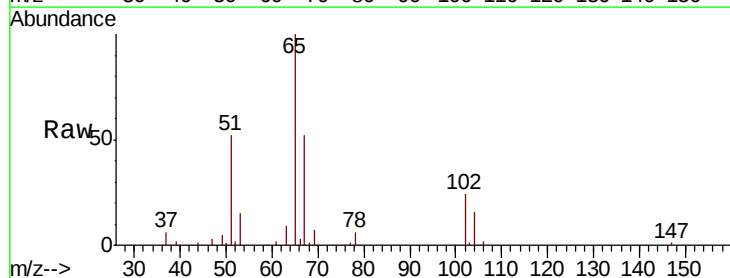
Acq: 1 Nov 2018 21:19

Tgt Ion: 65 Resp: 527024

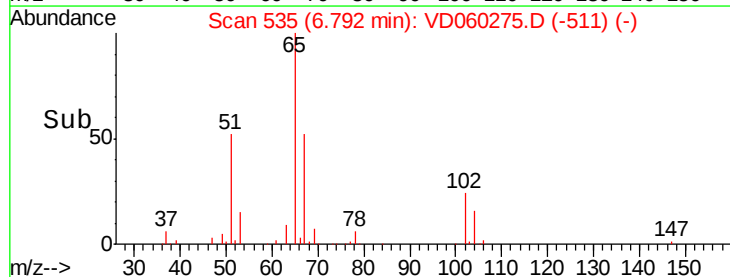
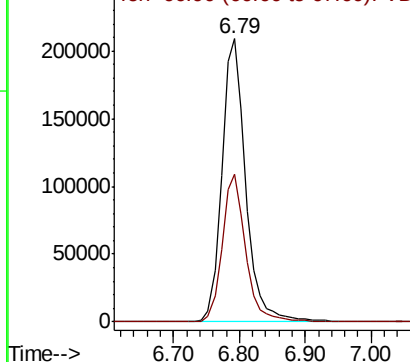
Ion Ratio Lower Upper

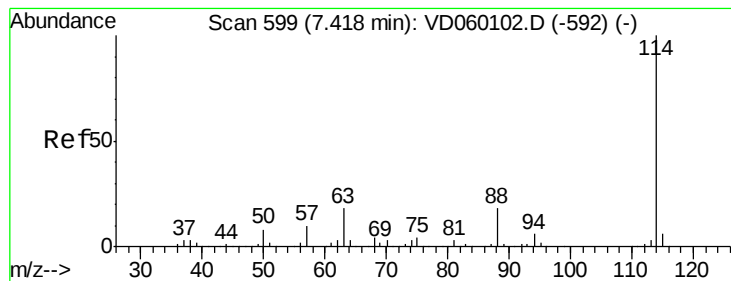
65 100

67 52.2 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: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2A-D

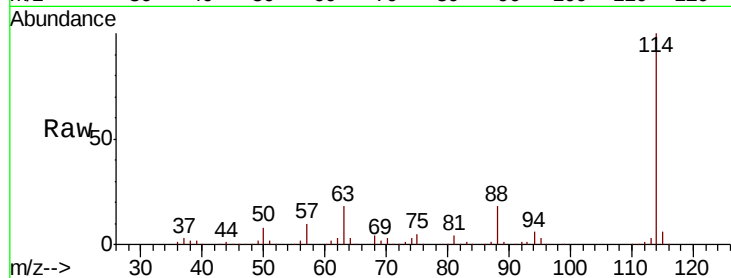
Tgt Ion:114 Resp: 2210369

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.0

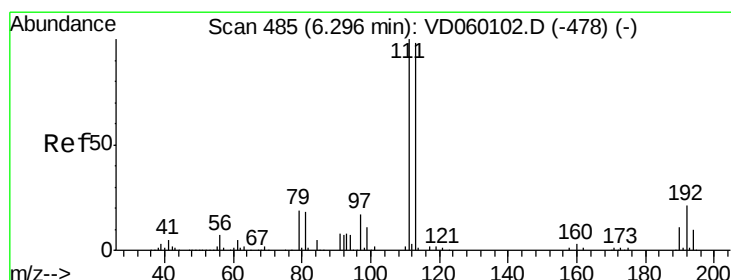
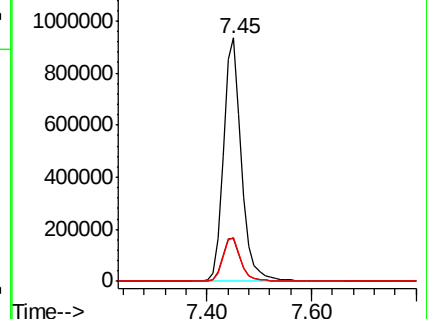
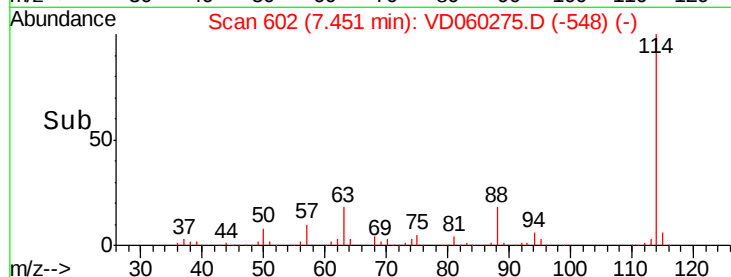
88 17.8 0.0 36.2



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: VD060275.D

Acq: 1 Nov 2018 21:19

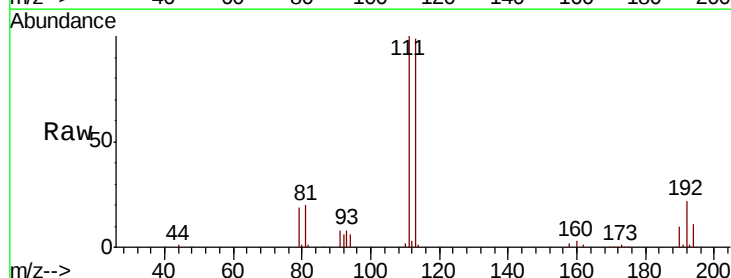
Tgt Ion:113 Resp: 672900

Ion Ratio Lower Upper

113 100

111 100.7 81.5 122.3

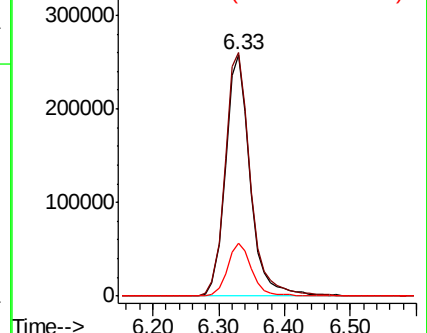
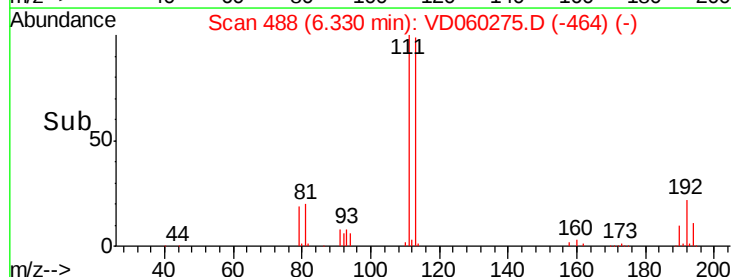
192 21.7 17.4 26.0

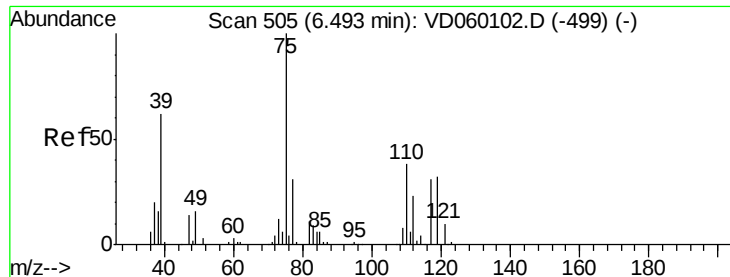


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.233 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.08 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2A-D

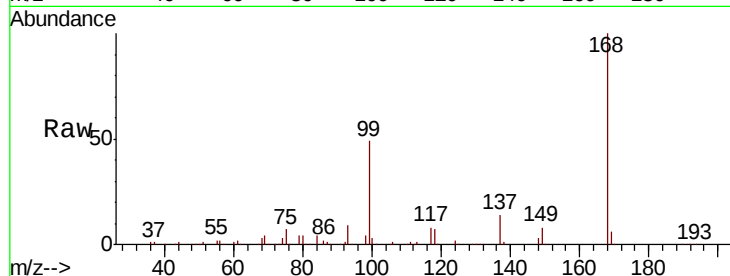
Tgt Ion: 75 Resp: 110522

Ion Ratio Lower Upper

75 100

110 4.5 19.0 57.0#

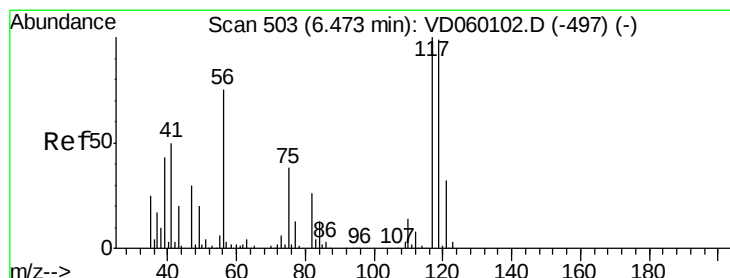
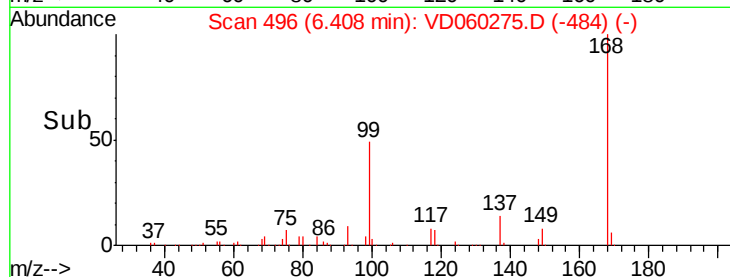
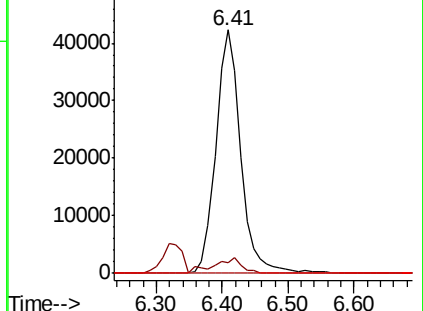
77 0.0 24.9 37.3#



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: 6.273 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.06 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

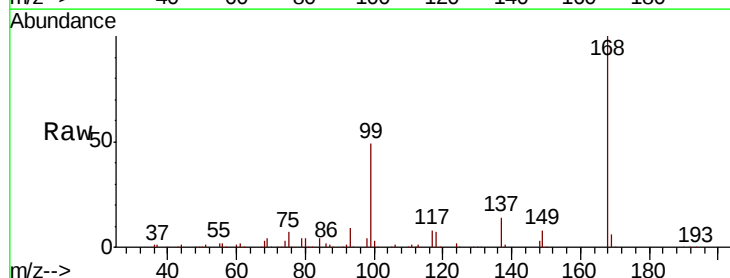
Tgt Ion: 117 Resp: 120264

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.6#

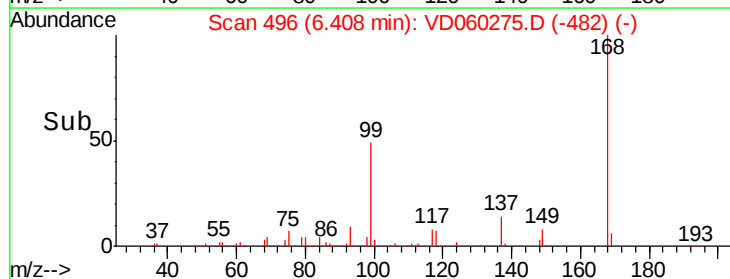
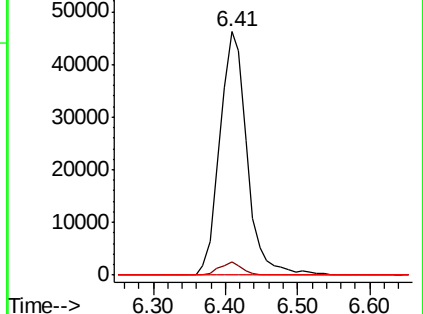
121 0.0 24.8 37.2#

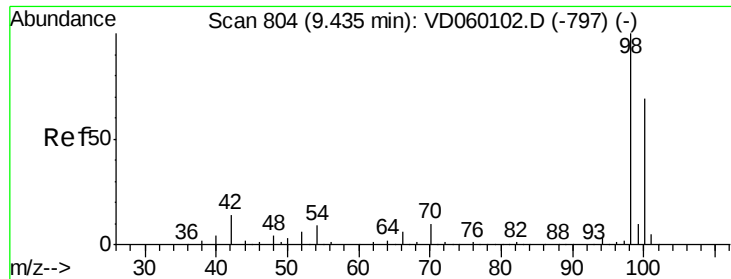


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

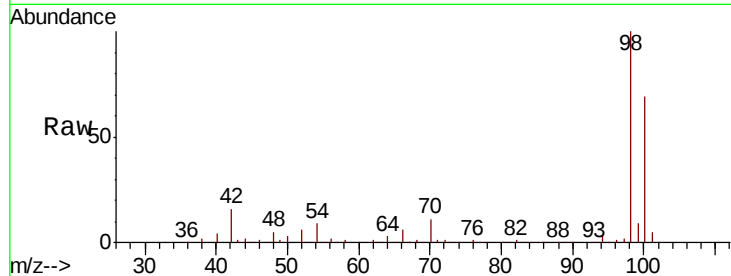




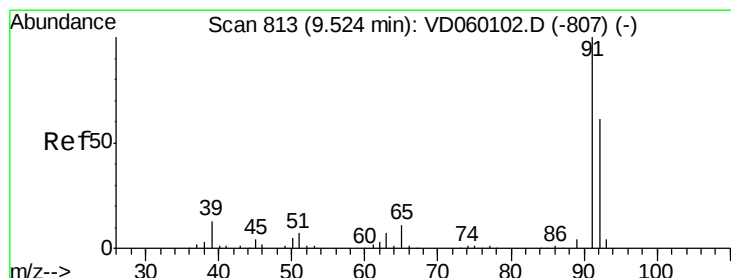
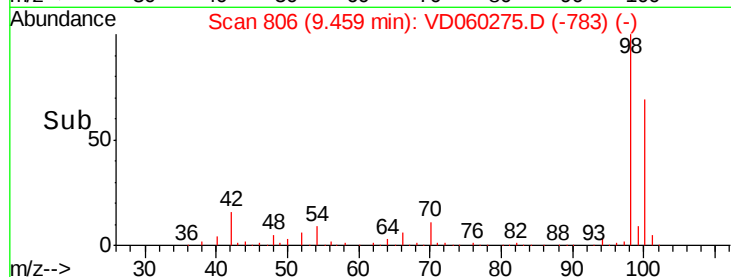
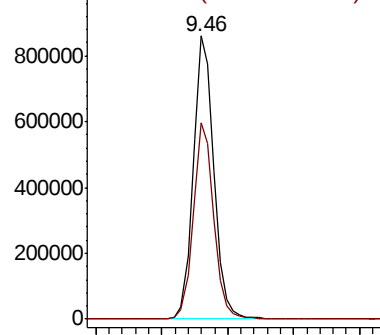
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060275.D
Acq: 1 Nov 2018 21:19

Instrument :
MSVOA_D
ClientSampleId :
TP-2A-D

Tgt Ion: 98 Resp: 1867858
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

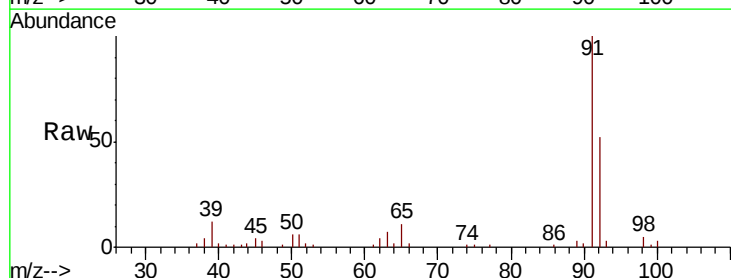


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

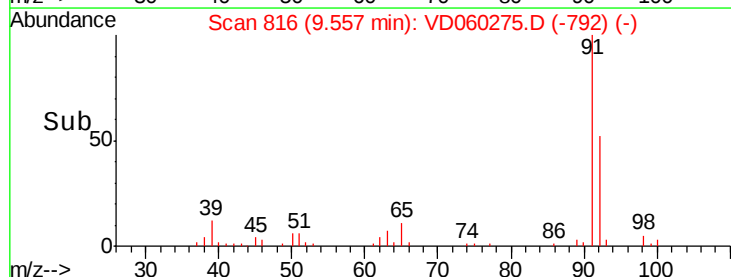
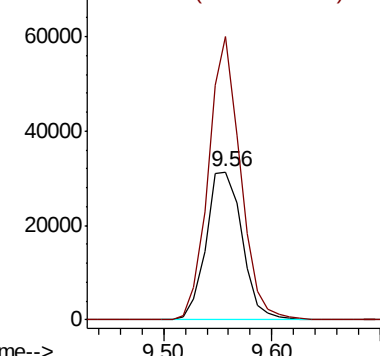


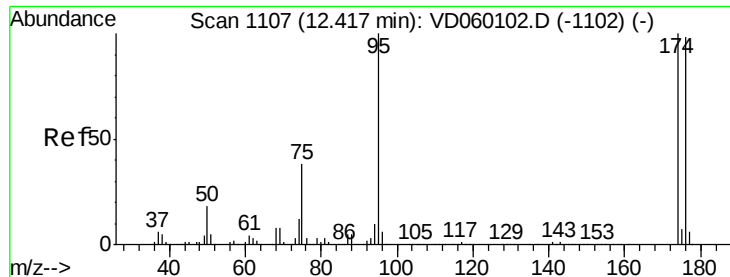
#52
Toluene
Concen: 2.045 ug/l
RT: 9.56 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060275.D
Acq: 1 Nov 2018 21:19

Tgt Ion: 92 Resp: 72780
Ion Ratio Lower Upper
92 100
91 190.8 131.9 197.9



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

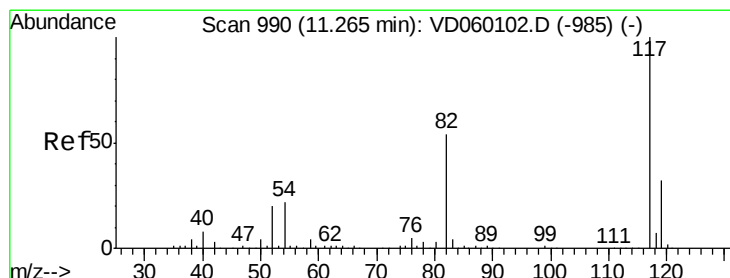
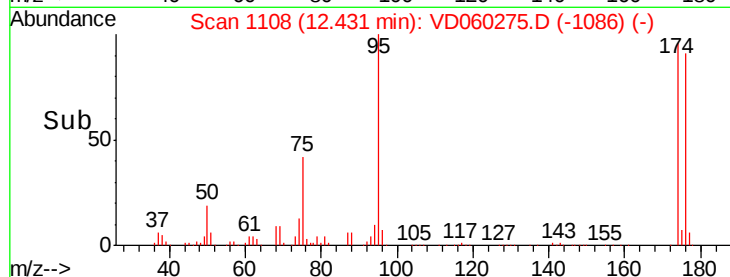
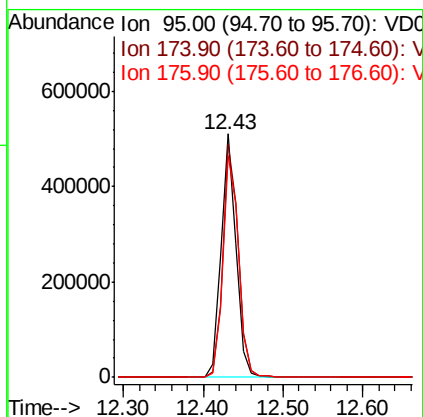
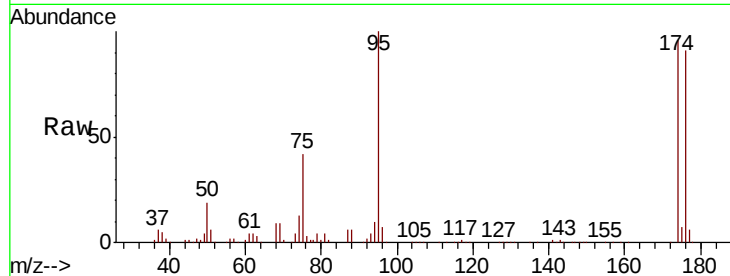




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060275.D
Acq: 1 Nov 2018 21:19

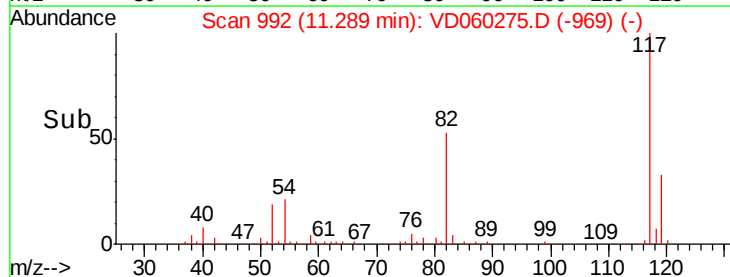
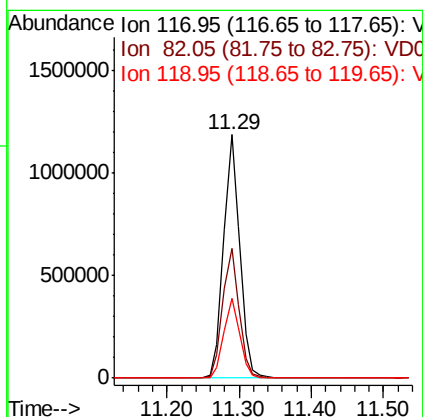
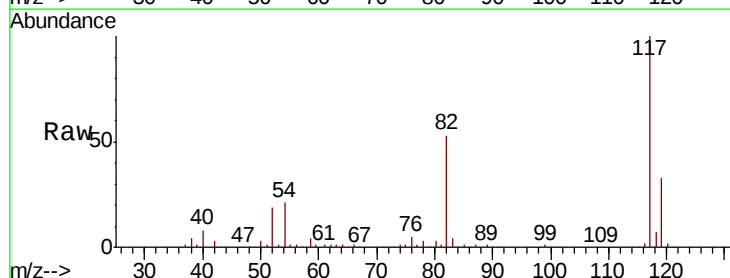
Instrument :
MSVOA_D
ClientSampleId :
TP-2A-D

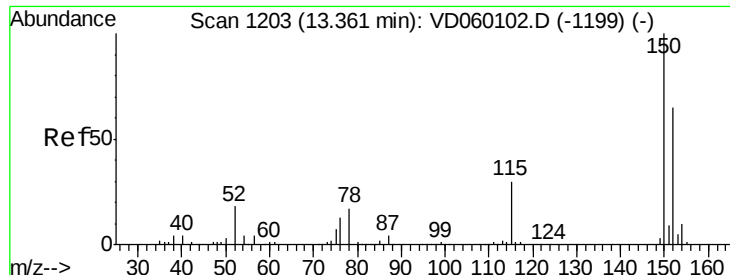
Tgt Ion: 95 Resp: 673844
Ion Ratio Lower Upper
95 100
174 96.0 0.0 200.2
176 91.3 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060275.D
Acq: 1 Nov 2018 21:19

Tgt Ion: 117 Resp: 1838137
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.2
119 32.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleID :

TP-2A-D

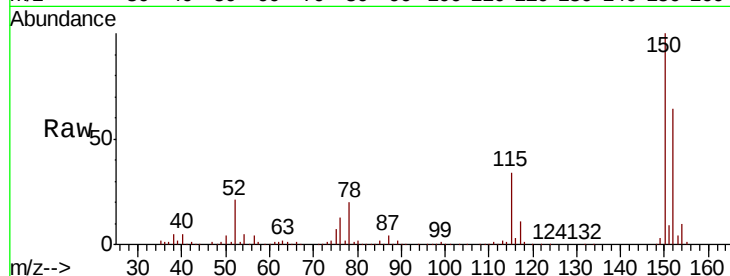
Tgt Ion: 152 Resp: 909992

Ion Ratio Lower Upper

152 100

115 52.7 27.1 81.2

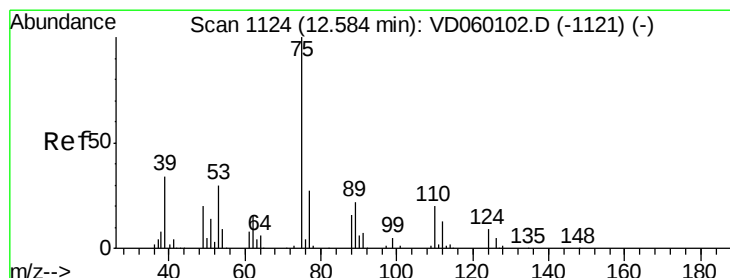
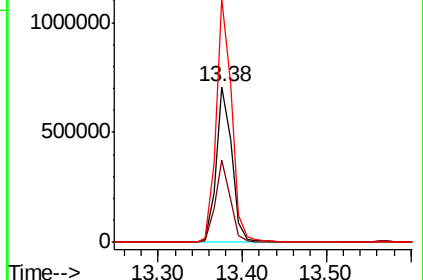
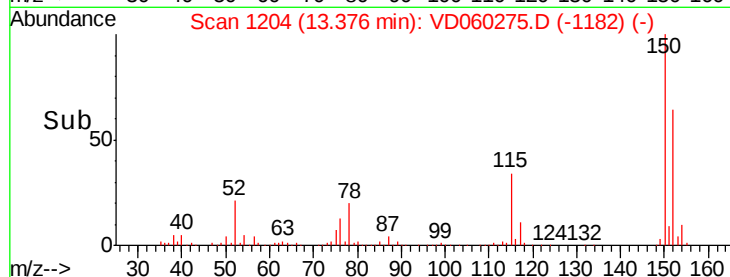
150 156.2 0.0 311.8



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: 21.239 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.15 min

Lab File: VD060275.D

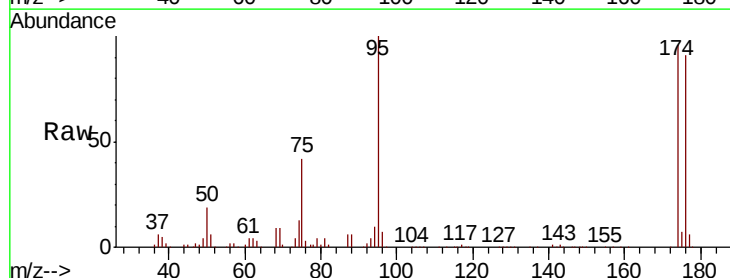
Acq: 1 Nov 2018 21:19

Tgt Ion: 75 Resp: 278333

Ion Ratio Lower Upper

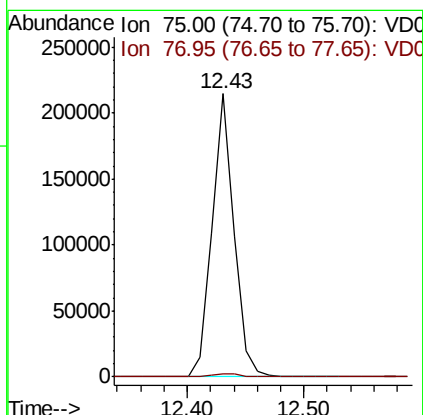
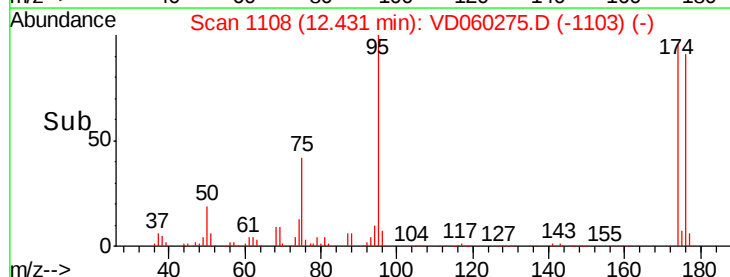
75 100

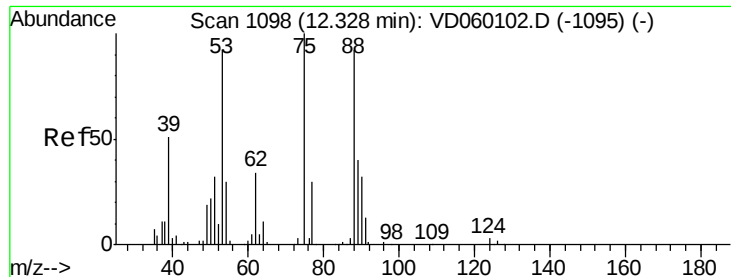
77 1.3 16.3 48.9#



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: 75.539 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060275.D

Acq: 1 Nov 2018 21:19

Instrument :

MSVOA_D

ClientSampleId :

TP-2A-D

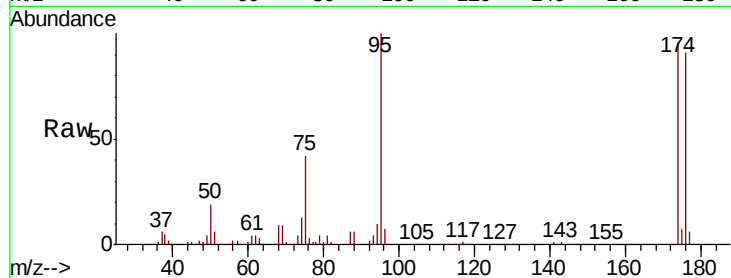
Tgt Ion: 75 Resp: 278160

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

