

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060276.D
 Acq On : 1 Nov 2018 21:48
 Operator : VA/AP
 Sample : J5741-03
 Misc : 6.65g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 02 02:43:43 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

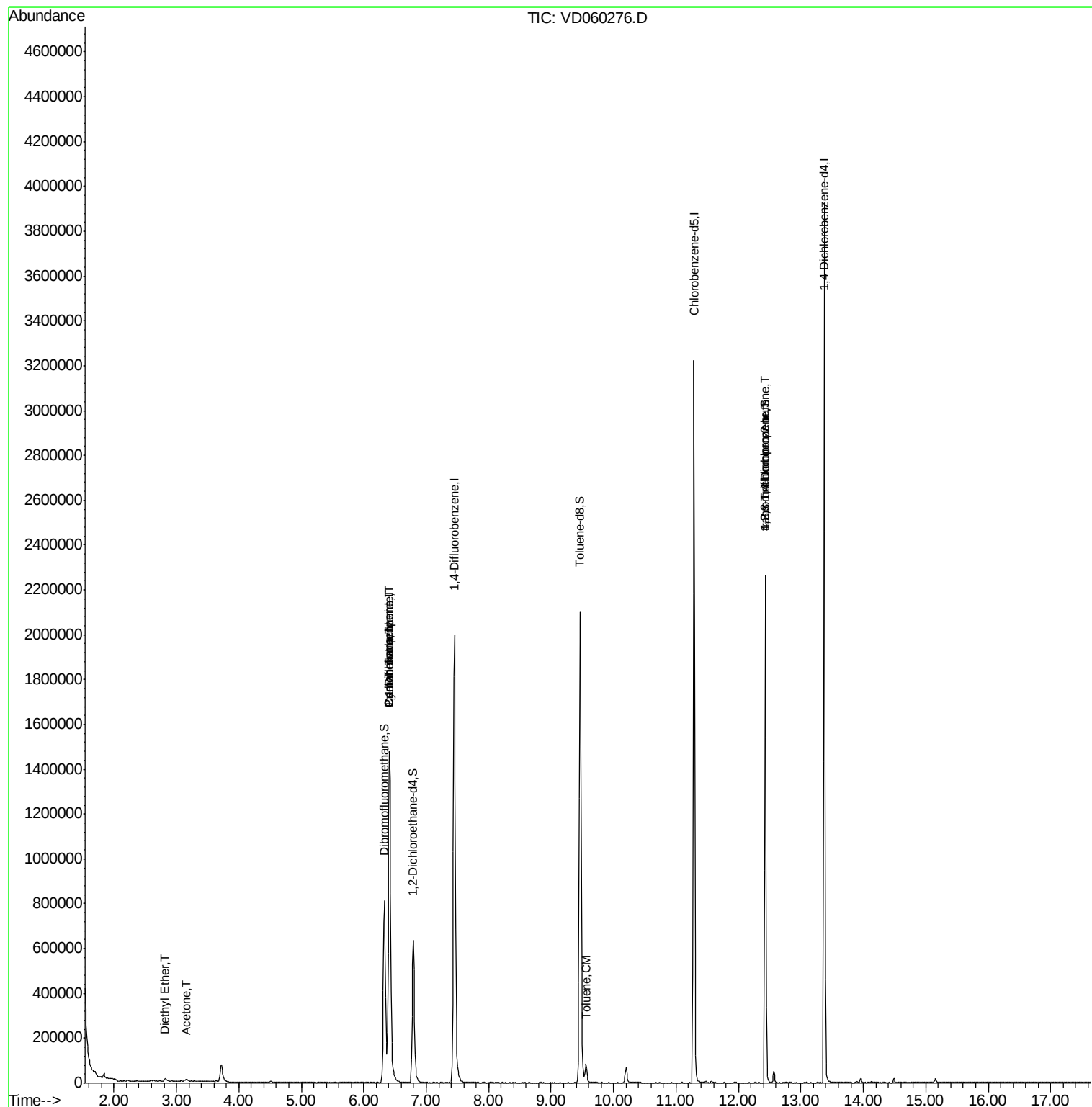
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1457986	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2070127	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1725153	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	886166	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	513592	46.47	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	6.33	113	634262	40.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	80.70%	
50) Toluene-d8	9.47	98	1736216	38.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.46%	
62) 4-Bromofluorobenzene	12.43	95	623702	37.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.32%	
Target Compounds						
8) Diethyl Ether	2.82	74	3990	1.601	ug/l	99
16) Acetone	3.15	43	16306	8.131	ug/l	99
20) Methylene Chloride	3.72	84	49042	Below Cal	#	94
31) Cyclohexane	6.41	56	26471	1.106	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	100156	5.063	ug/l #	46
38) Carbon Tetrachloride	6.41	117	111537	6.212	ug/l #	16
52) Toluene	9.56	92	41287	1.239	ug/l	98
76) 1,2,3-Trichloropropane	12.43	75	251705	19.723	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	251663	70.181	ug/l #	13

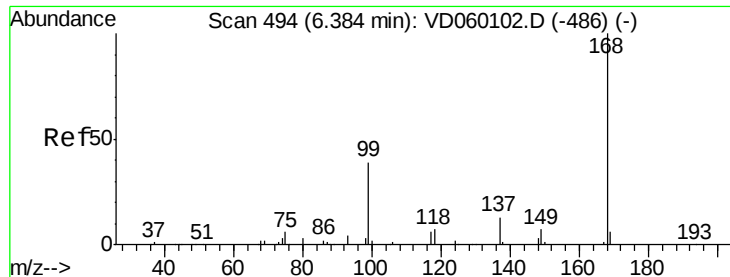
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060276.D

Acq: 1 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

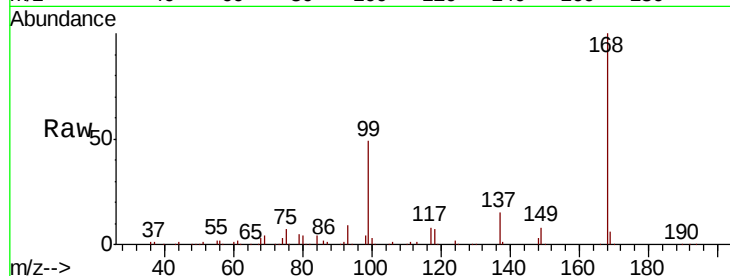
TP-1

Tgt Ion:168 Resp: 1457986

Ion Ratio Lower Upper

168 100

99 48.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

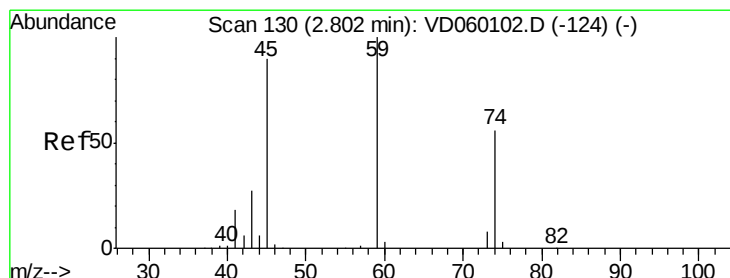
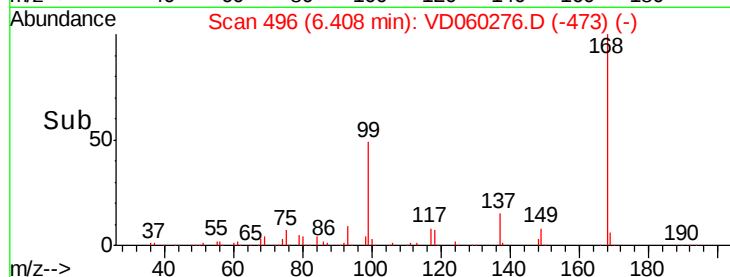
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.601 ug/l

RT: 2.82 min Scan# 131

Delta R.T. 0.01 min

Lab File: VD060276.D

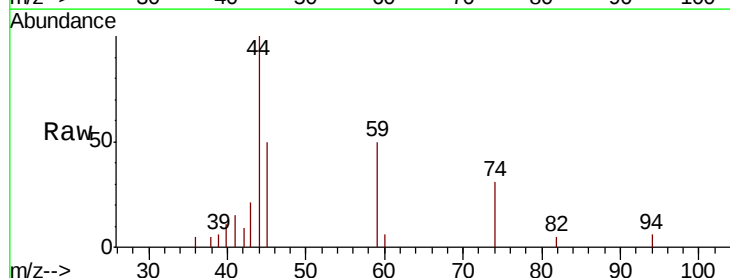
Acq: 1 Nov 2018 21:48

Tgt Ion: 74 Resp: 3990

Ion Ratio Lower Upper

74 100

45 158.8 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

4000

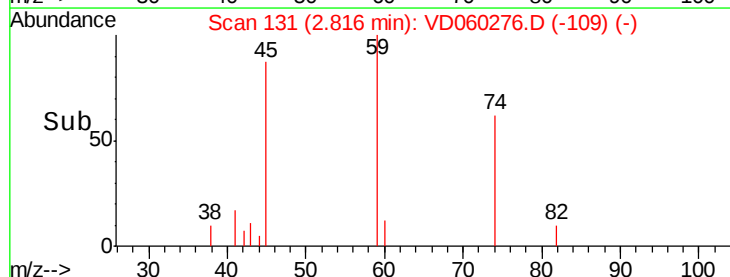
3000

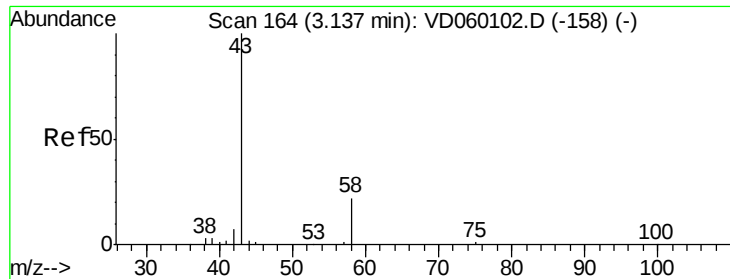
2000

1000

0

Time-->





#16

Acetone

Concen: 8.131 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060276.D

Acq: 1 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

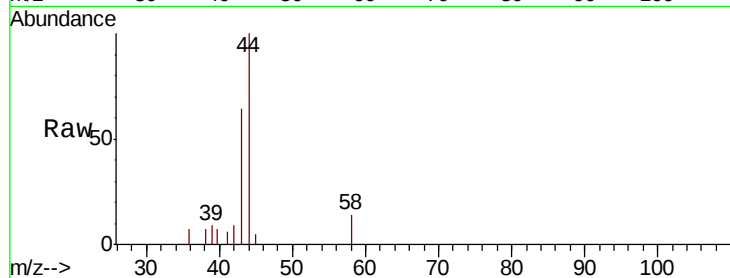
TP-1

Tgt Ion: 43 Resp: 16306

Ion Ratio Lower Upper

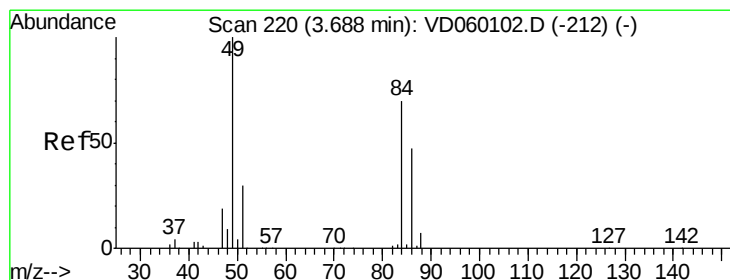
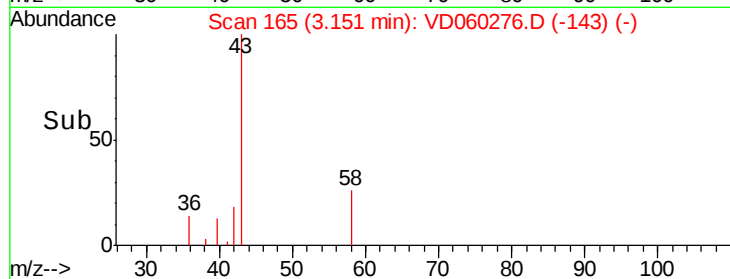
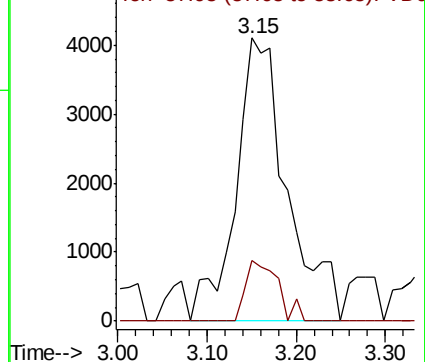
43 100

58 21.6 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. 0.03 min

Lab File: VD060276.D

Acq: 1 Nov 2018 21:48

Tgt Ion: 84 Resp: 49042

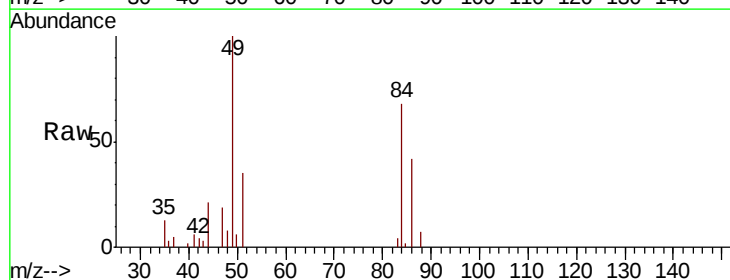
Ion Ratio Lower Upper

84 100

49 147.9 114.6 172.0

51 51.7 33.8 50.8#

86 62.4 53.3 79.9

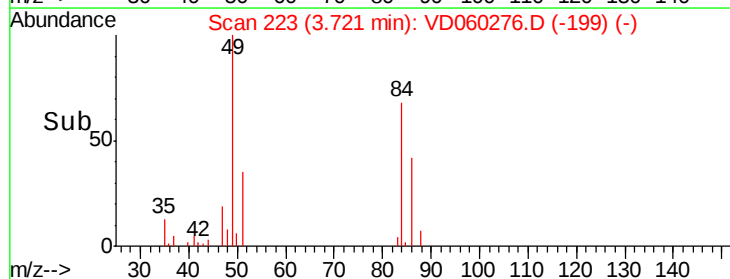
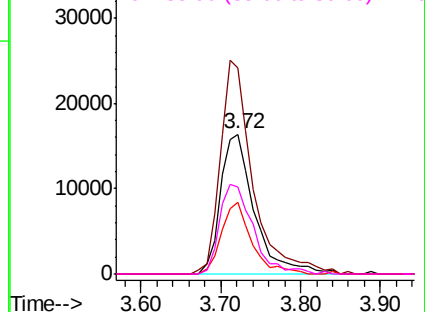


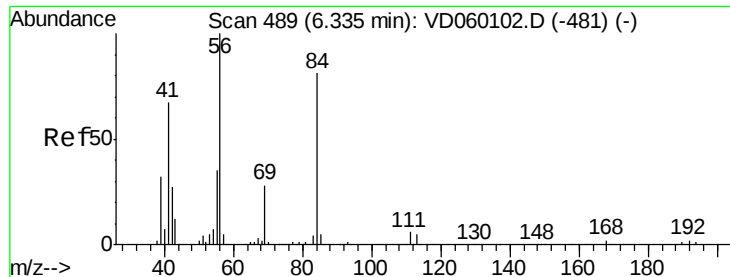
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

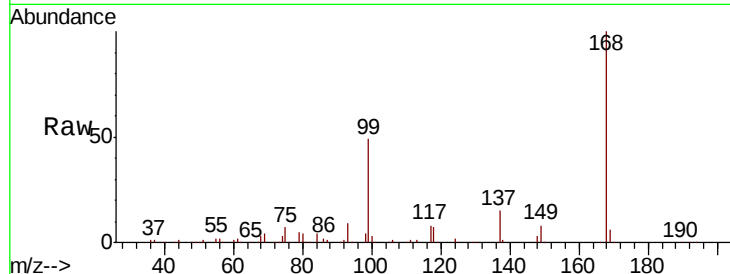




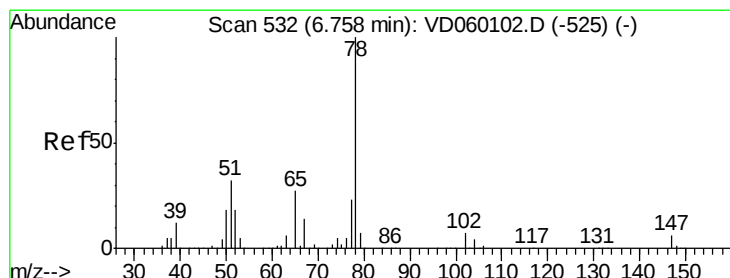
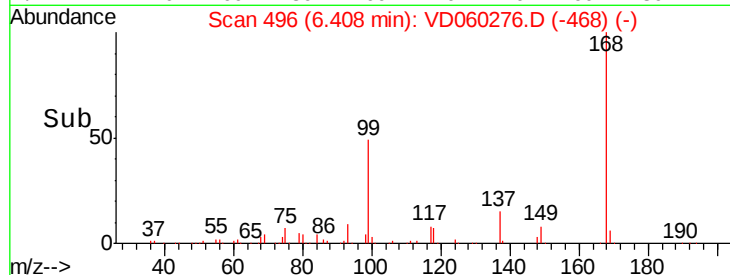
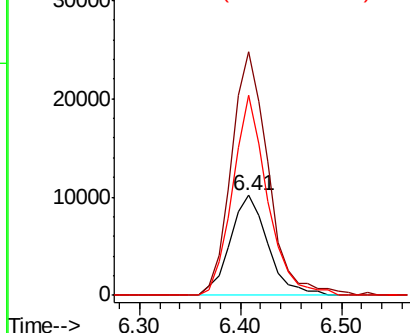
#31
Cyclohexane
Concen: 1.106 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 56 Resp: 26471
Ion Ratio Lower Upper
56 100
69 244.1 22.8 34.2#
84 200.6 64.9 97.3#

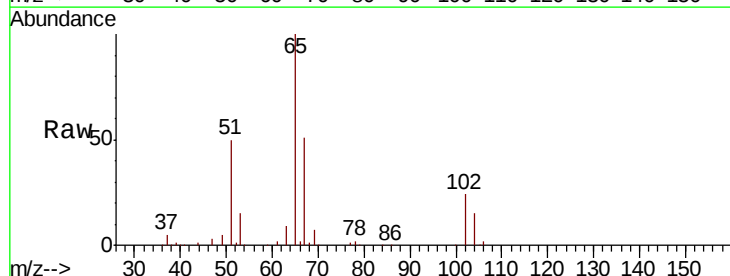


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

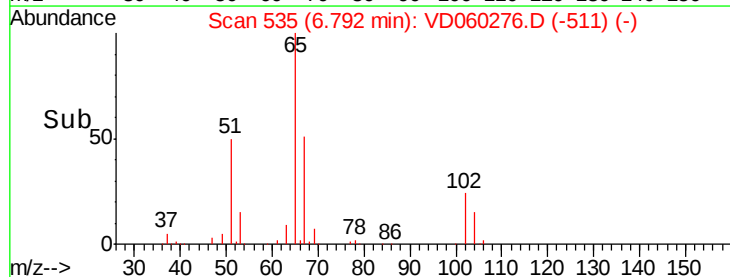
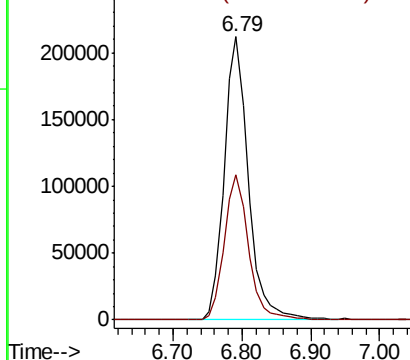


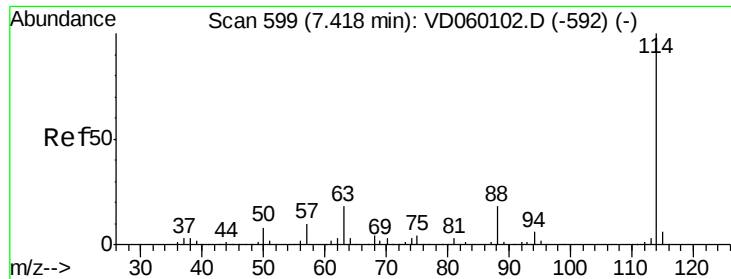
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

Tgt Ion: 65 Resp: 513592
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

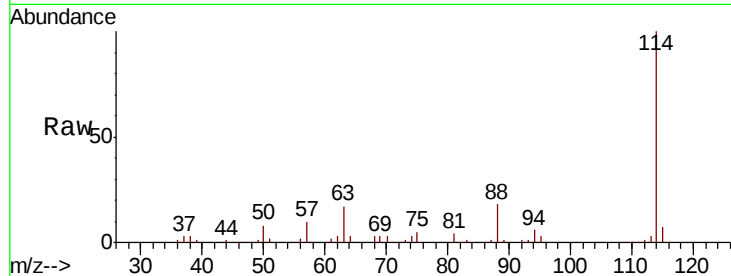




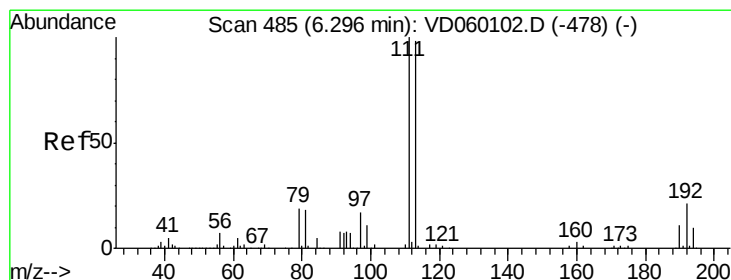
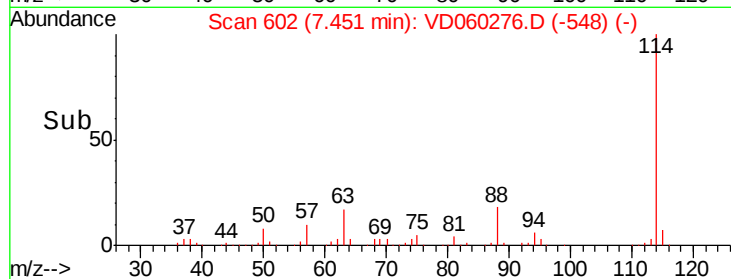
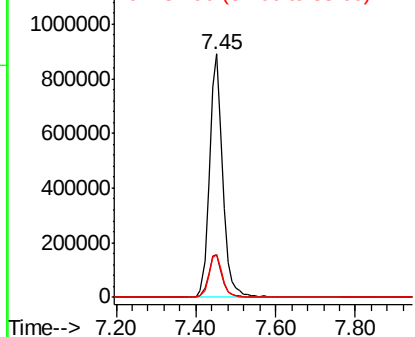
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060276.D
 Acq: 1 Nov 2018 21:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tgt Ion:114 Resp: 2070127
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.0
 88 17.6 0.0 36.2

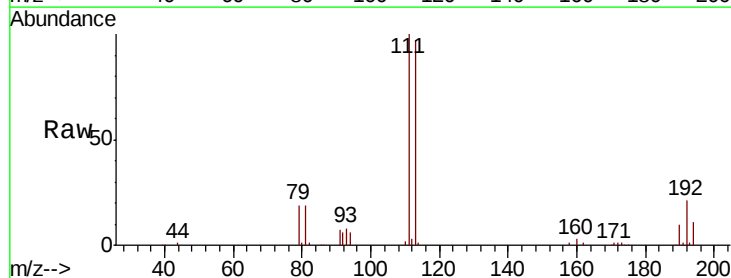


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

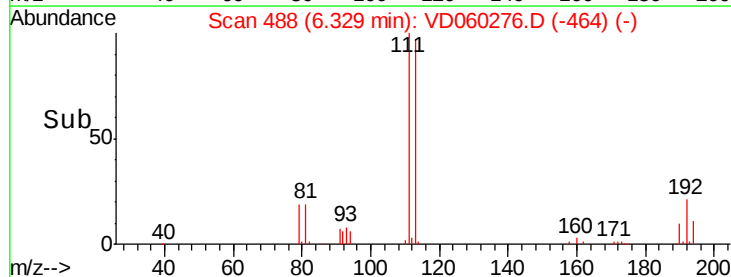
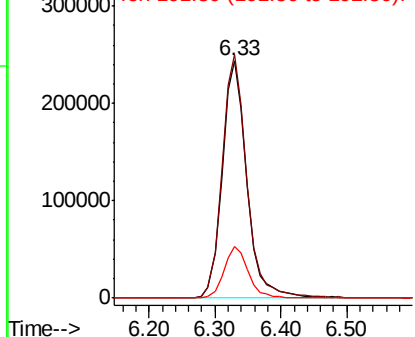


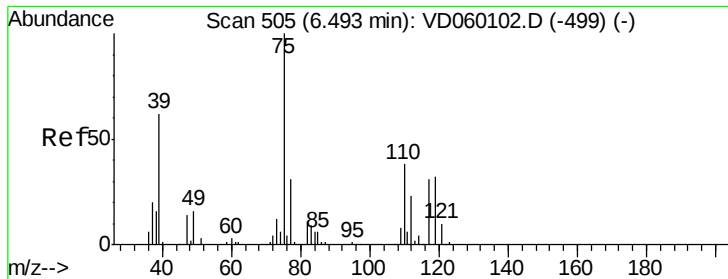
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060276.D
 Acq: 1 Nov 2018 21:48

Tgt Ion:113 Resp: 634262
 Ion Ratio Lower Upper
 113 100
 111 102.6 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: 5.063 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.08 min

Lab File: VD060276.D

Acq: 1 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

TP-1

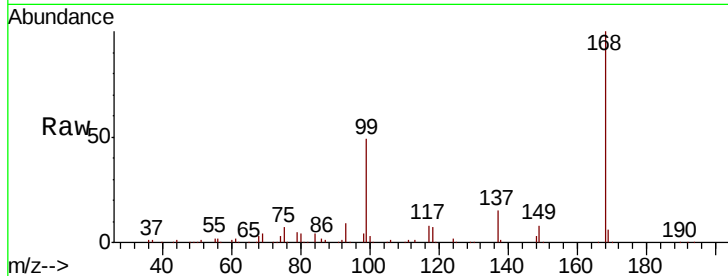
Tgt Ion: 75 Resp: 100156

Ion Ratio Lower Upper

75 100

110 6.8 19.0 57.0#

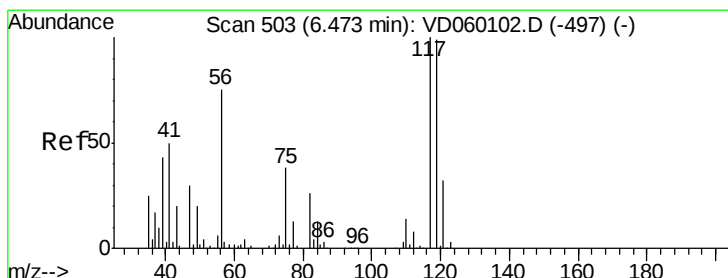
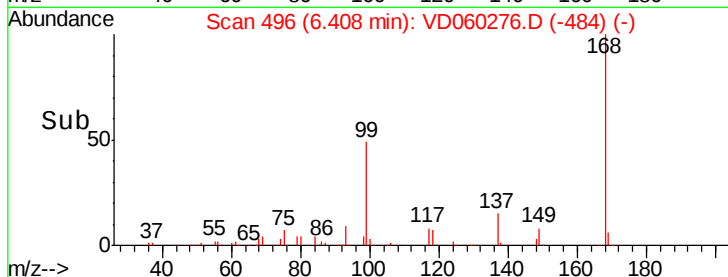
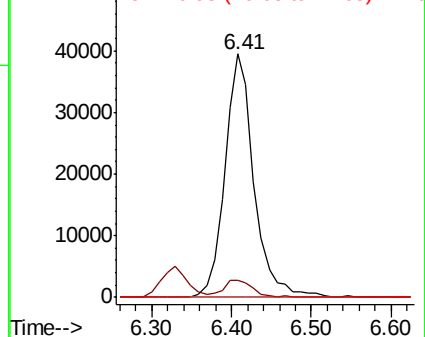
77 0.0 24.9 37.3#



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: 6.212 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.06 min

Lab File: VD060276.D

Acq: 1 Nov 2018 21:48

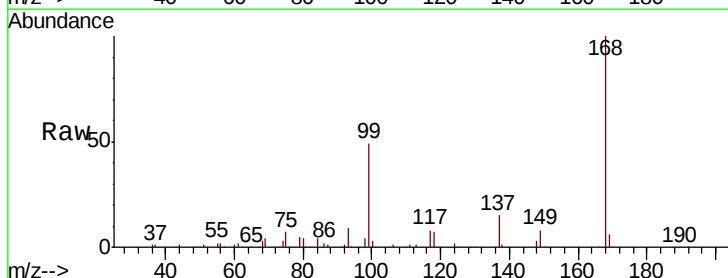
Tgt Ion: 117 Resp: 111537

Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.6#

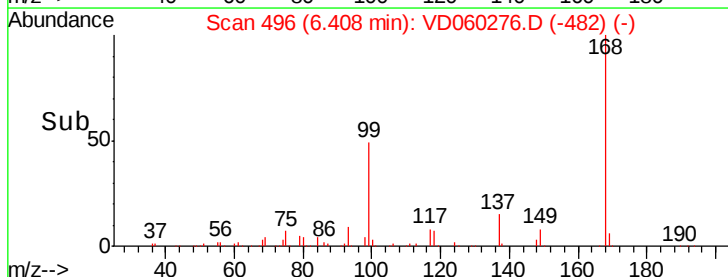
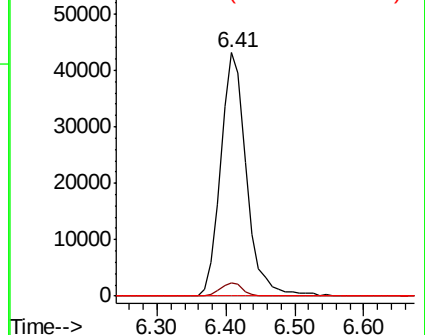
121 0.0 24.8 37.2#

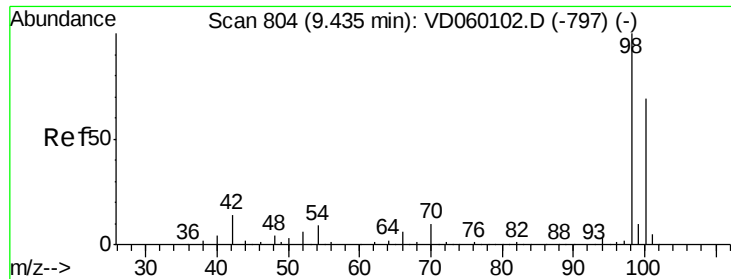


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

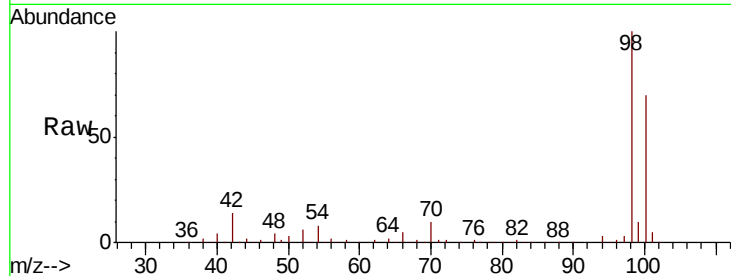




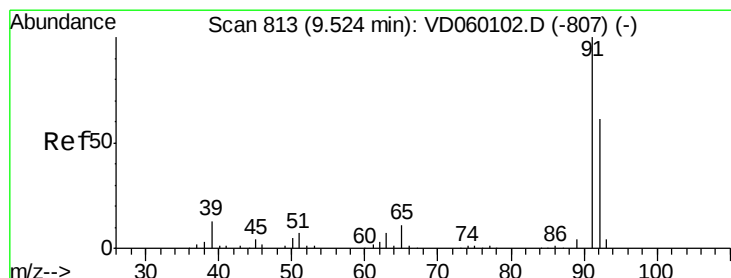
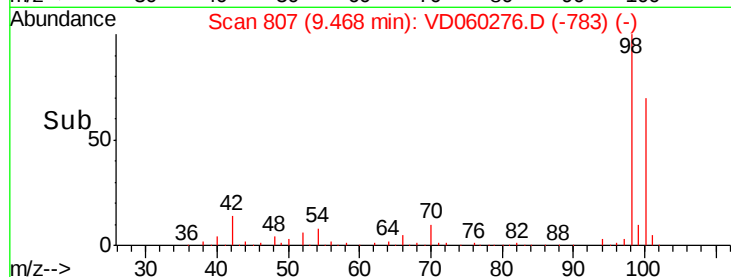
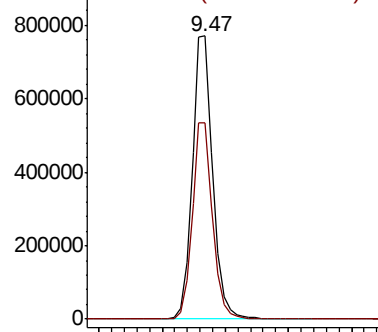
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion: 98 Resp: 1736216
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0

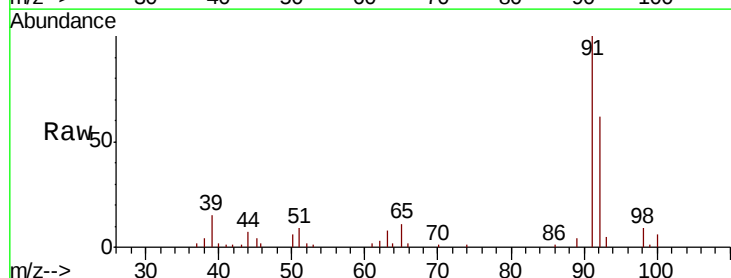


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

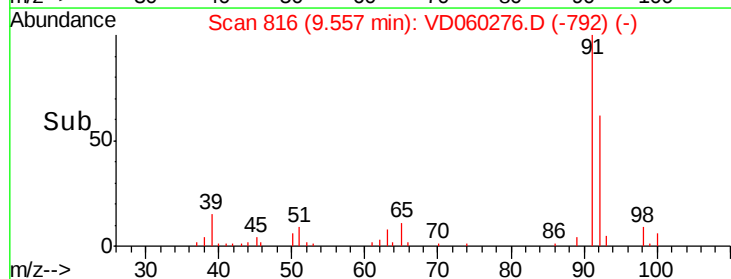
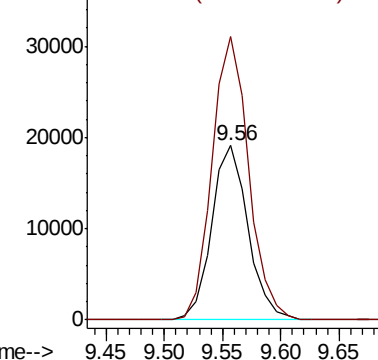


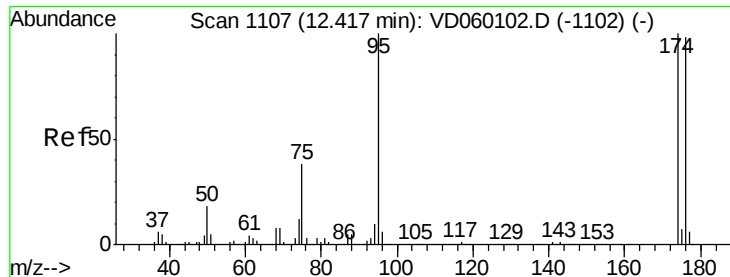
#52
Toluene
Concen: 1.239 ug/l
RT: 9.56 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

Tgt Ion: 92 Resp: 41287
Ion Ratio Lower Upper
92 100
91 162.2 131.9 197.9



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

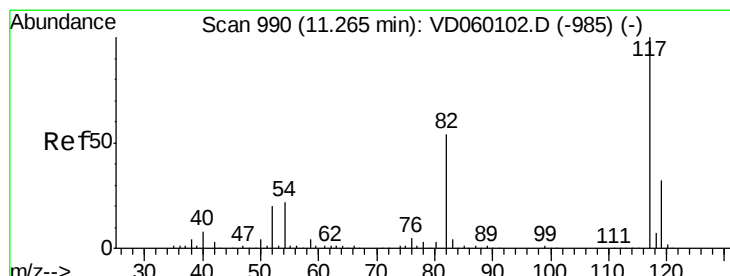
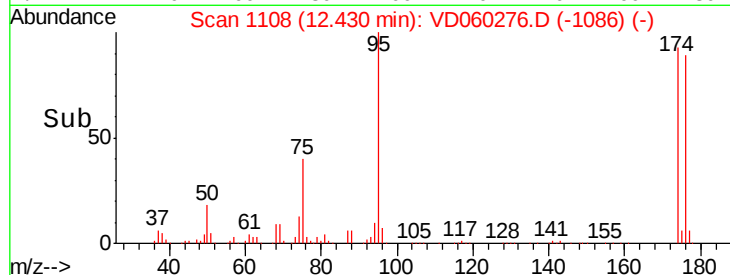
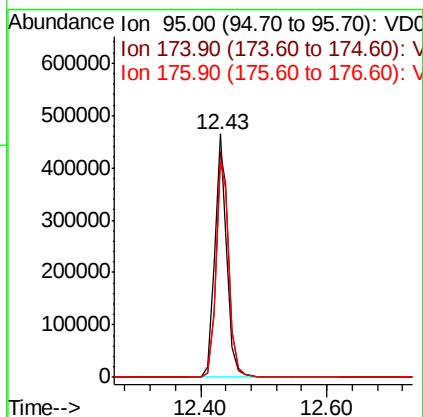
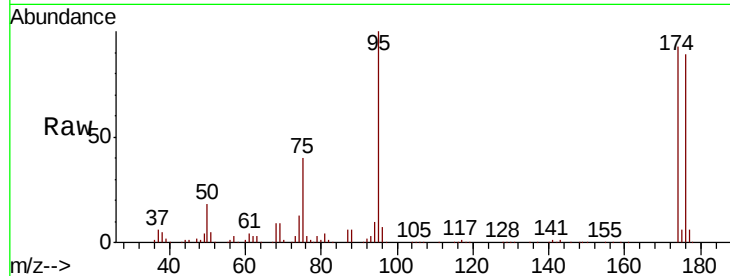




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

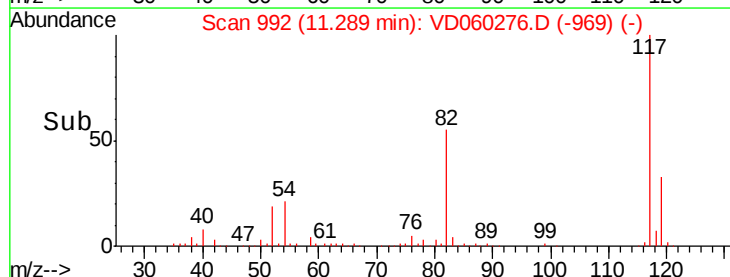
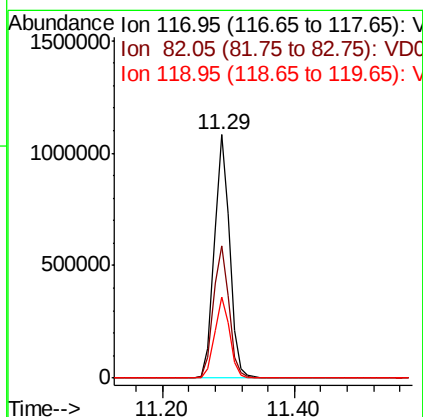
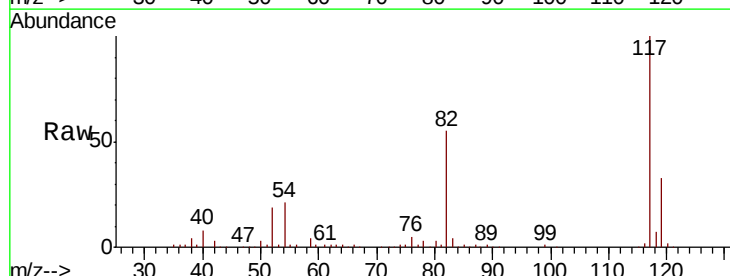
Instrument :
MSVOA_D
ClientSampleId :
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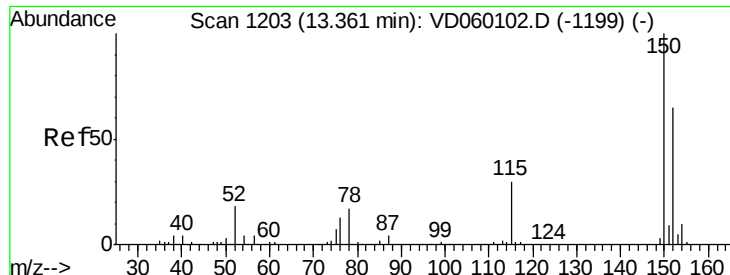
Tgt Ion: 95 Resp: 623702
Ion Ratio Lower Upper
95 100
174 92.8 0.0 200.2
176 88.7 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060276.D
Acq: 1 Nov 2018 21:48

Tgt Ion: 117 Resp: 1725153
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 33.1 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: VD060276.D

Acq: 1 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

TP-1

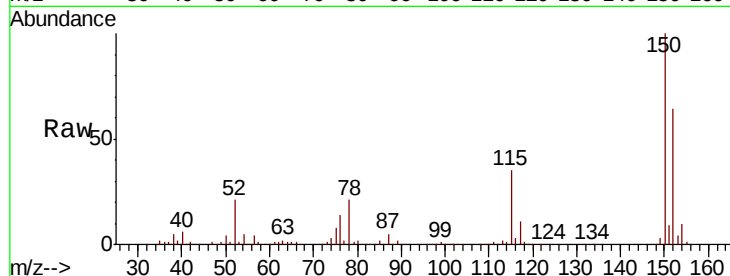
Tgt Ion: 152 Resp: 886166

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

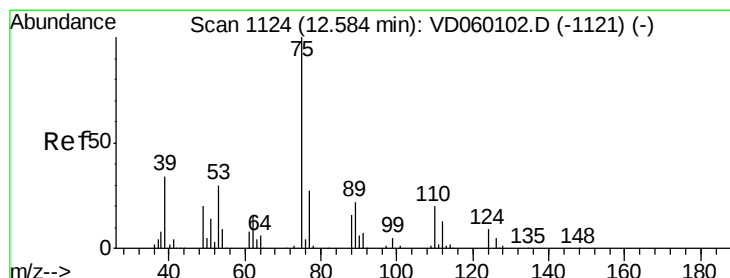
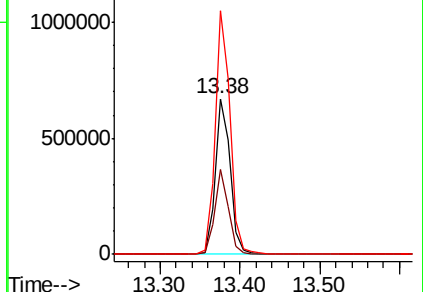
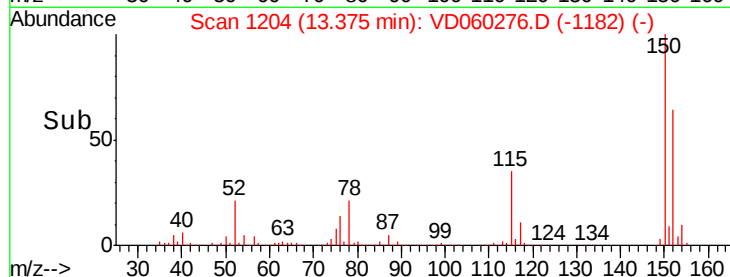
150 156.5 0.0 311.8



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: 19.723 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.15 min

Lab File: VD060276.D

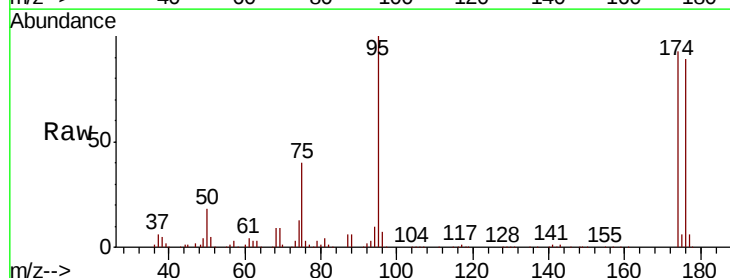
Acq: 1 Nov 2018 21:48

Tgt Ion: 75 Resp: 251705

Ion Ratio Lower Upper

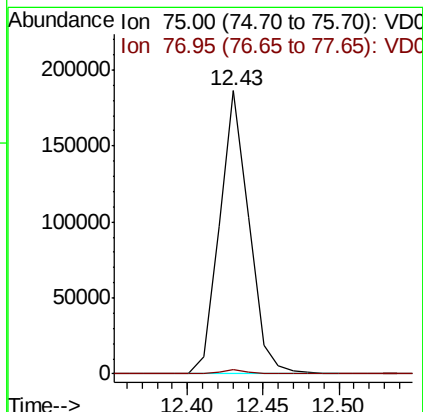
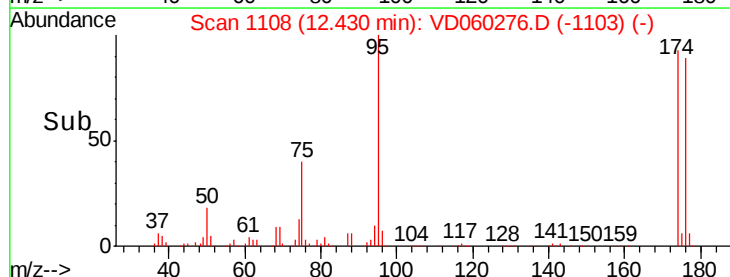
75 100

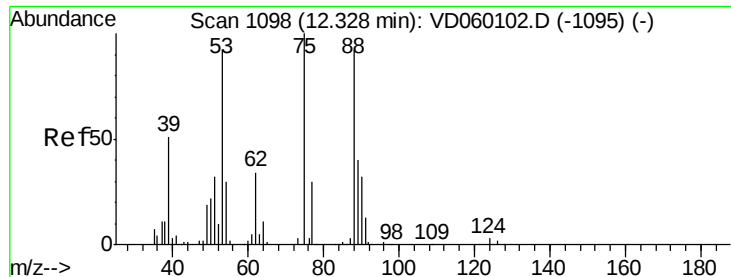
77 1.6 16.3 48.9#



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: 70.181 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060276.D

Acq: 1 Nov 2018 21:48

Instrument :

MSVOA_D

ClientSampleId :

TP-1

Tgt Ion: 75 Resp: 251663

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

