

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
 Data File : VD060335.D
 Acq On : 12 Nov 2018 14:08
 Operator : JC/SY
 Sample : J5889-05
 Misc : 12.18g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-E

Quant Time: Nov 13 00:39:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	17381	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	25659	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.27	117	22586	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.37	152	10127	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.74	65	9956	80.00	ug/l	-0.06
Spiked Amount				50.000		
			Recovery	=	160.00%	
35) Dibromofluoromethane	6.29	113	9382	49.03	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	98.06%	
50) Toluene-d8	9.43	98	22074	39.42	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	78.84%	
62) 4-Bromofluorobenzene	12.41	95	8082	39.83	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	79.66%	

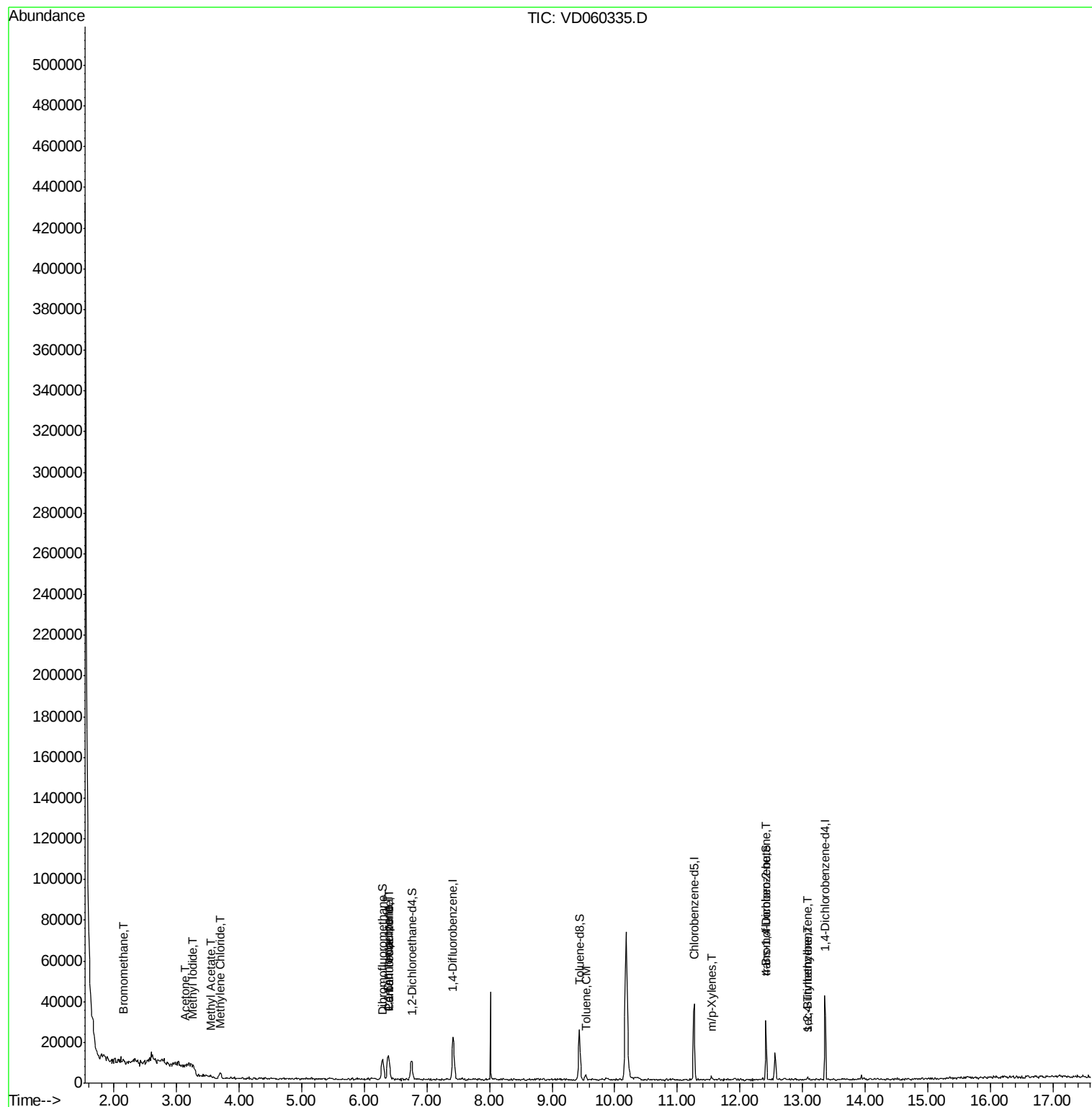
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	472	14.796	ug/l #	2
10) Methyl Iodide	3.26	142	321	2.370	ug/l #	35
16) Acetone	3.13	43	1527	70.736	ug/l #	55
18) Methyl Acetate	3.55	43	183	3.976	ug/l #	63
20) Methylene Chloride	3.69	84	1715	8.956	ug/l #	71
36) 1,1-Dichloropropene	6.37	75	587	2.316	ug/l #	41
38) Carbon Tetrachloride	6.38	117	899	3.823	ug/l #	12
52) Toluene	9.53	92	1455	3.520	ug/l	99
68) m/p-Xylenes	11.55	106	582	1.885	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.41	75	3513	101.858	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.08	105	998	1.743	ug/l	83
85) sec-Butylbenzene	13.08	105	998	1.278	ug/l #	62
89) n-Butylbenzene	13.63	91	203	Below Cal	#	29

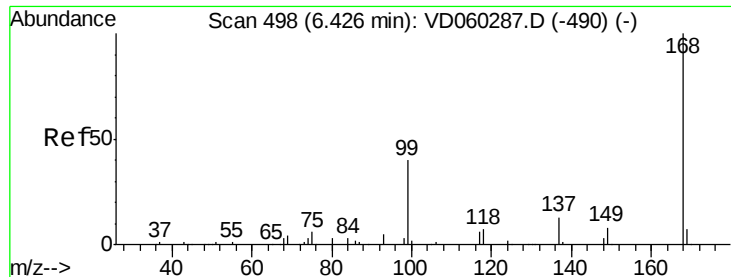
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111218\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

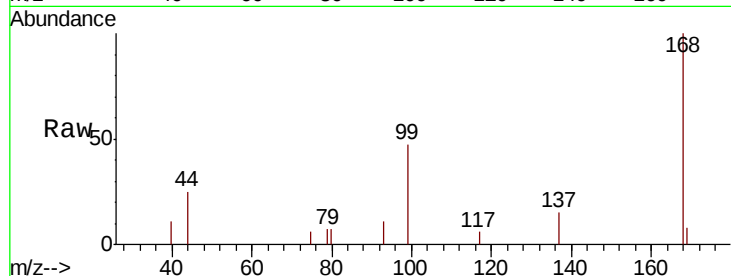
WALL-E

Tgt Ion:168 Resp: 17381

Ion Ratio Lower Upper

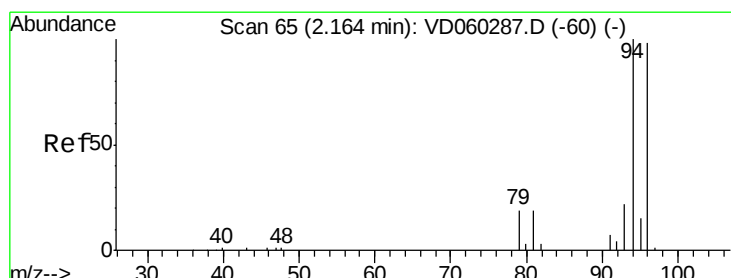
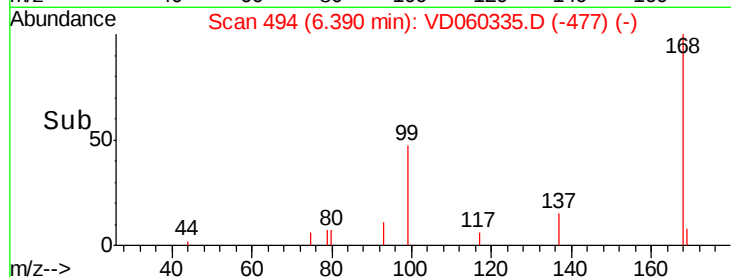
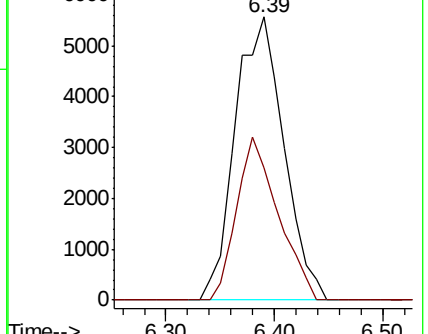
168 100

99 46.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 14.796 ug/l

RT: 2.15 min Scan# 63

Delta R.T. -0.02 min

Lab File: VD060335.D

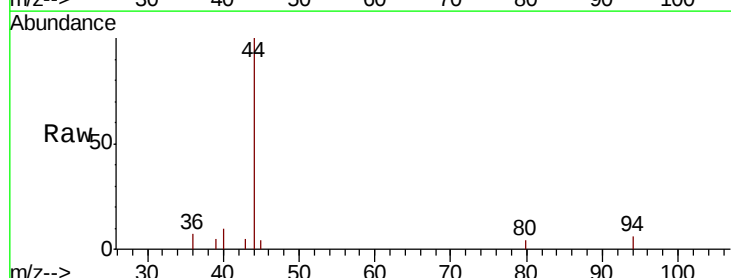
Acq: 12 Nov 2018 14:08

Tgt Ion: 94 Resp: 472

Ion Ratio Lower Upper

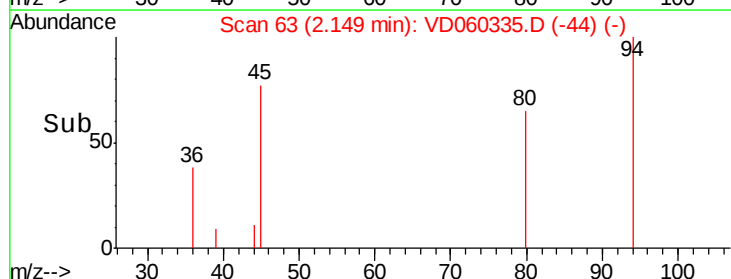
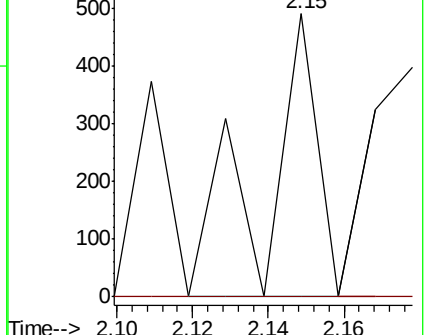
94 100

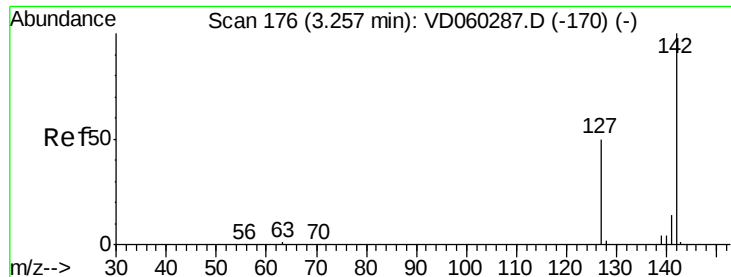
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

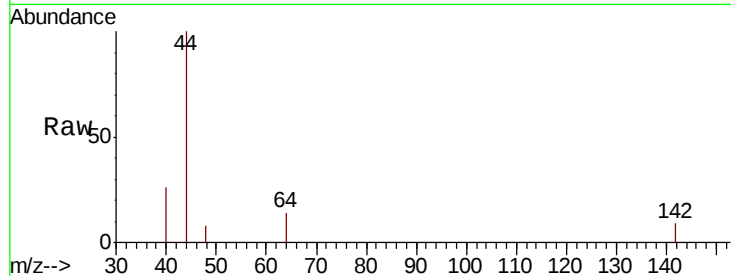




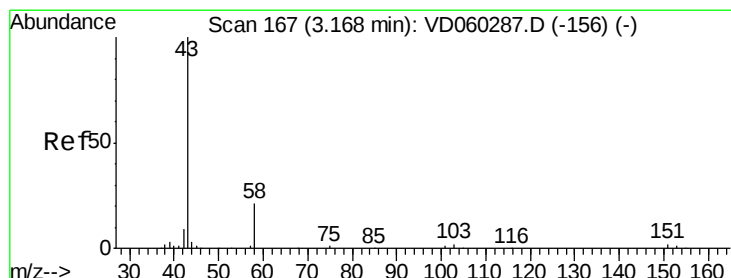
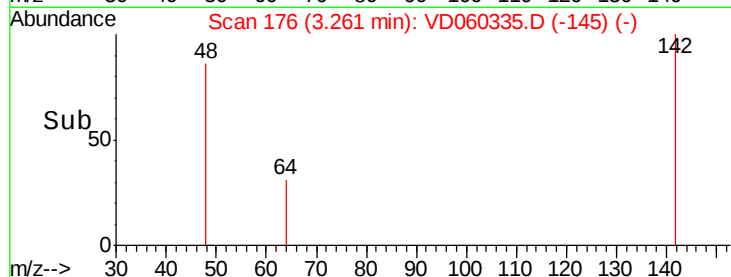
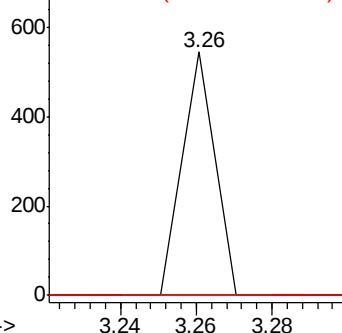
#10
Methyl Iodide
Concen: 2.370 ug/l
RT: 3.26 min Scan# 176
Delta R.T. 0.00 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
WALL-E

Tgt Ion:142 Resp: 321
Ion Ratio Lower Upper
142 100
127 0.0 41.0 61.6#
141 0.0 11.9 17.9#

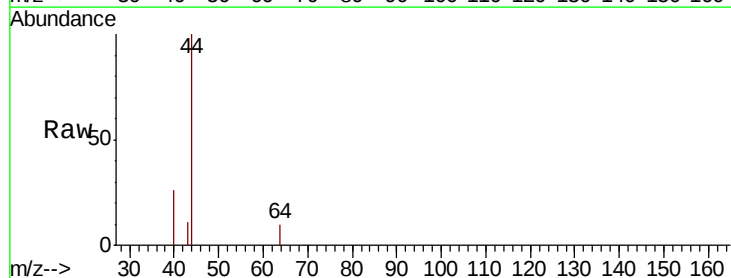


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

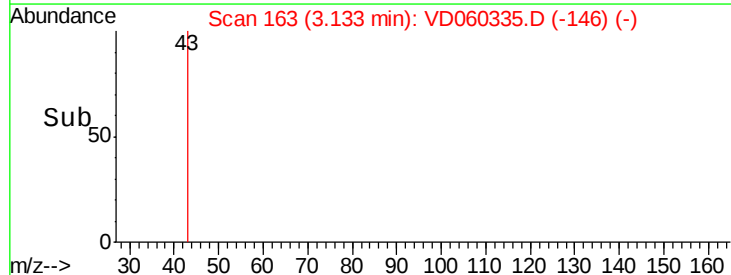
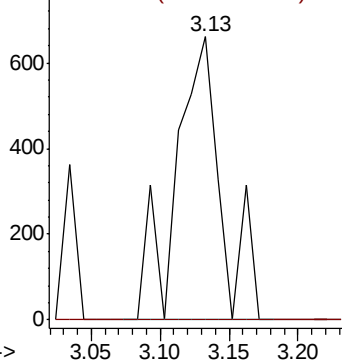


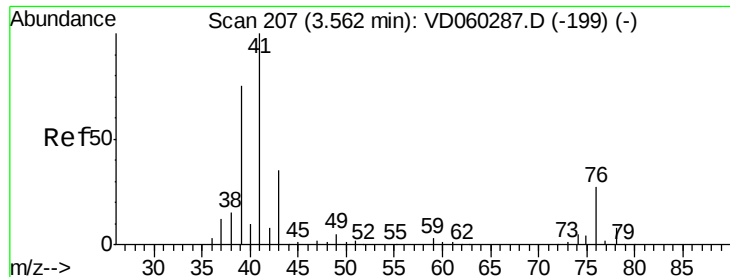
#16
Acetone
Concen: 70.736 ug/l
RT: 3.13 min Scan# 163
Delta R.T. -0.04 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V

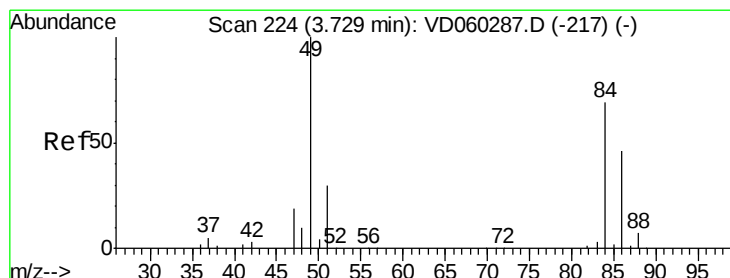
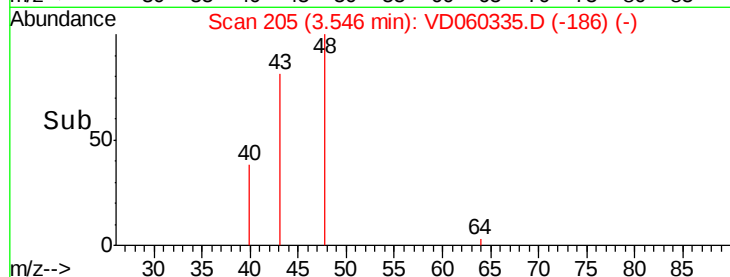
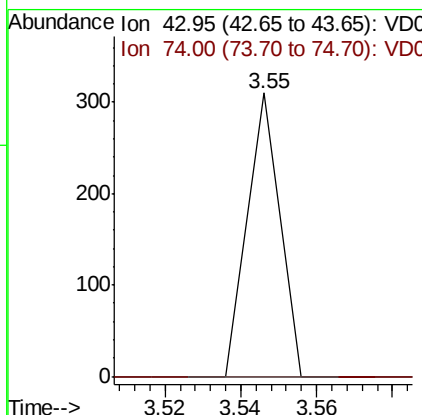
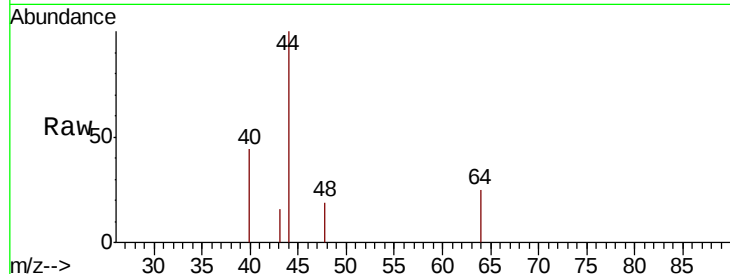




#18
Methyl Acetate
Concen: 3.976 ug/l
RT: 3.55 min Scan# 205
Delta R.T. -0.02 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

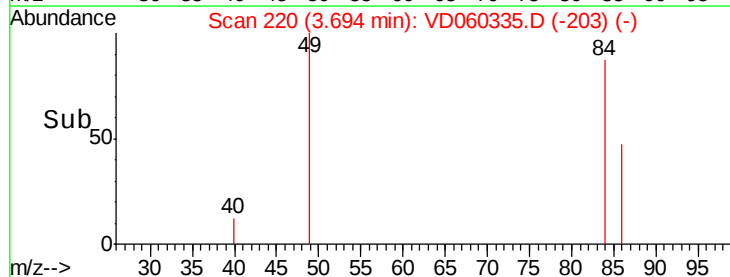
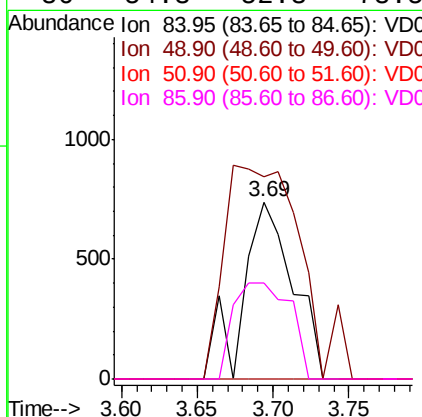
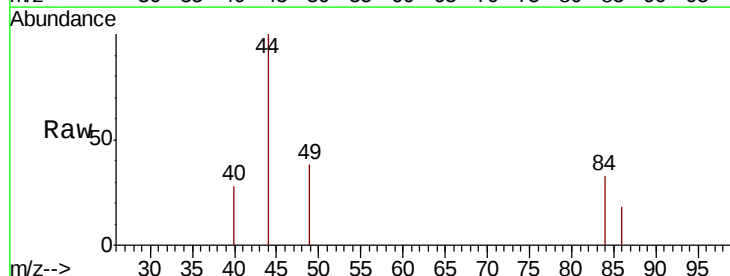
Instrument :
MSVOA_D
ClientSampleId :
WALL-E

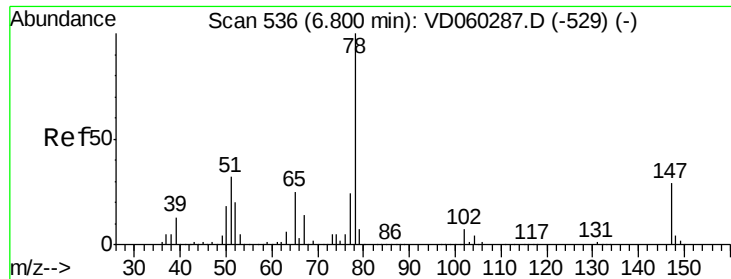
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 8.956 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.04 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Tgt Ion: 84 Resp: 1715
Ion Ratio Lower Upper
84 100
49 114.6 115.6 173.4#
51 0.0 35.6 53.4#
86 54.3 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.74 min Scan# 530

Delta R.T. -0.06 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

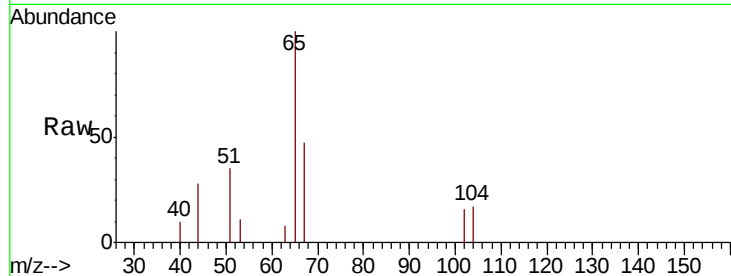
WALL-E

Tgt Ion: 65 Resp: 9956

Ion Ratio Lower Upper

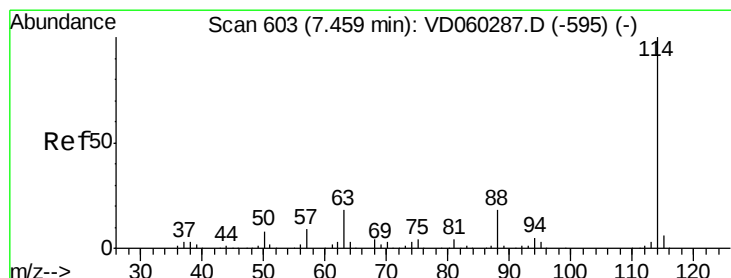
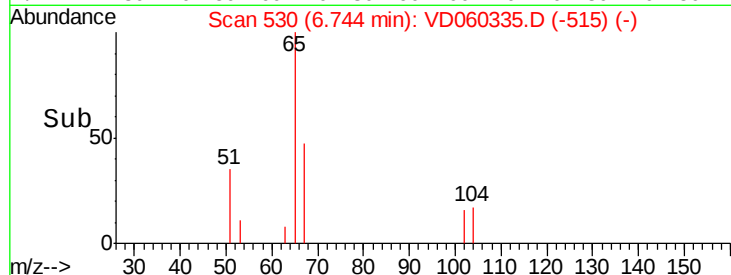
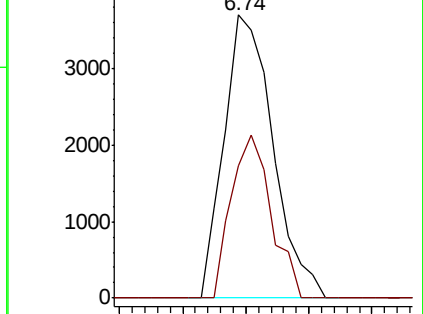
65 100

67 46.6 0.0 109.8



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: 7.41 min Scan# 598

Delta R.T. -0.05 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

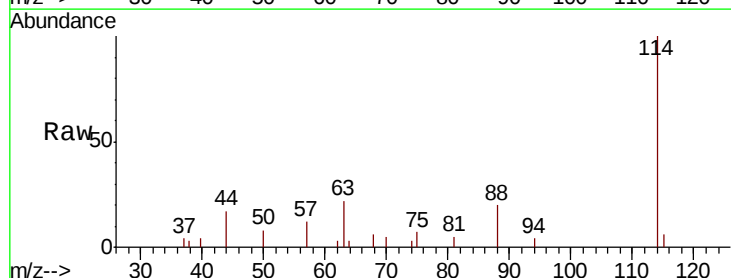
Tgt Ion: 114 Resp: 25659

Ion Ratio Lower Upper

114 100

63 22.2 0.0 34.0

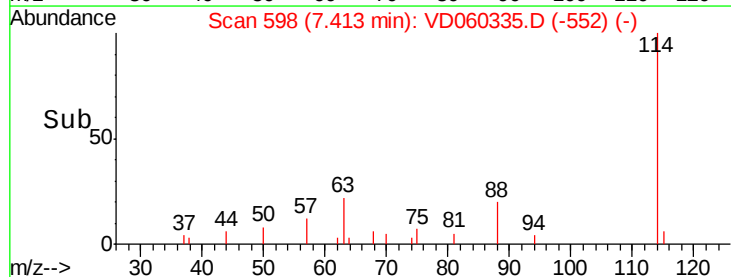
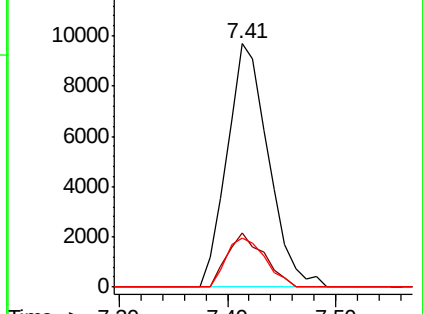
88 20.1 0.0 35.4

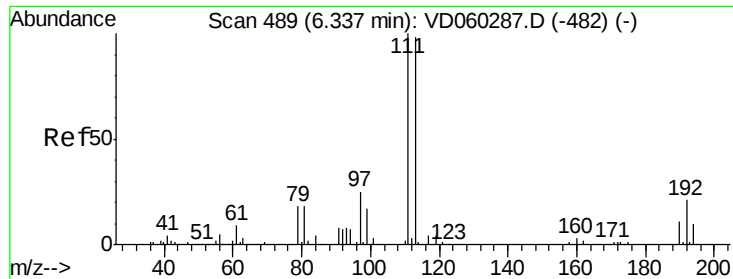


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.29 min Scan# 484

Delta R.T. -0.05 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

WALL-E

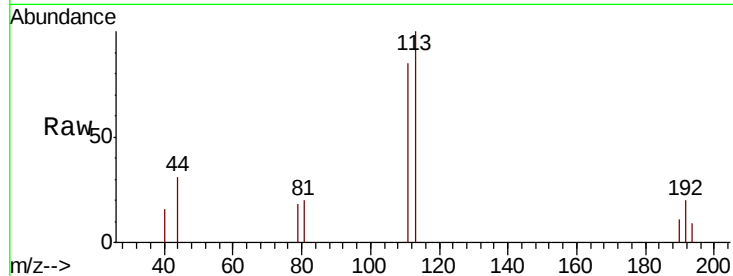
Tgt Ion: 113 Resp: 9382

Ion Ratio Lower Upper

113 100

111 84.9 81.6 122.4

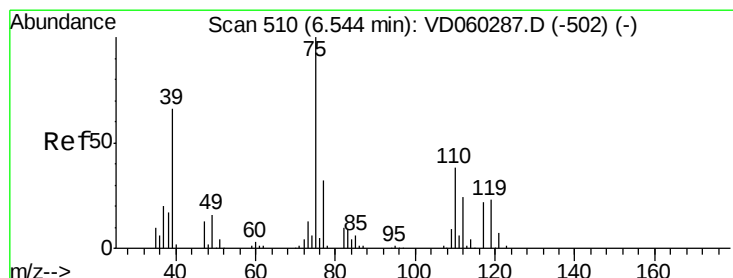
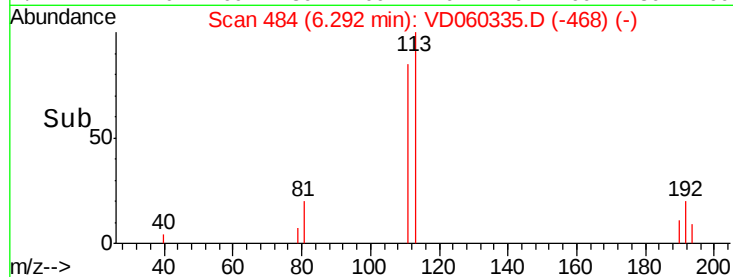
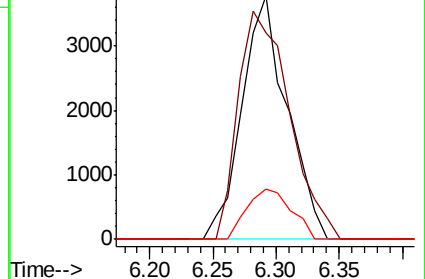
192 20.4 16.5 24.7



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: 2.316 ug/l

RT: 6.37 min Scan# 492

Delta R.T. -0.17 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

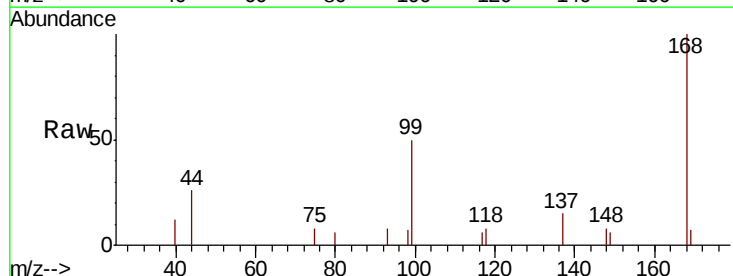
Tgt Ion: 75 Resp: 587

Ion Ratio Lower Upper

75 100

110 0.0 18.0 54.0#

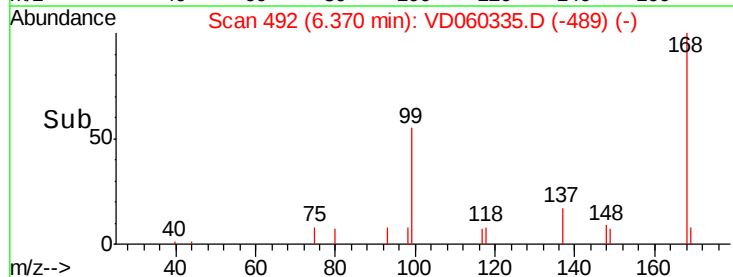
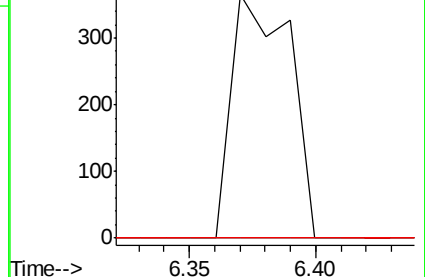
77 0.0 25.6 38.4#

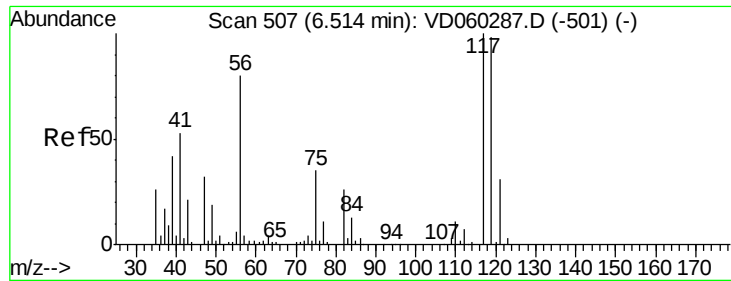


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

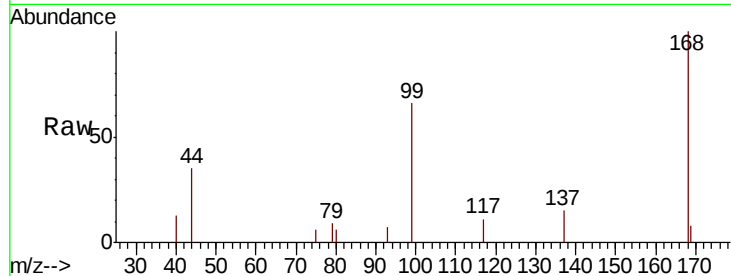




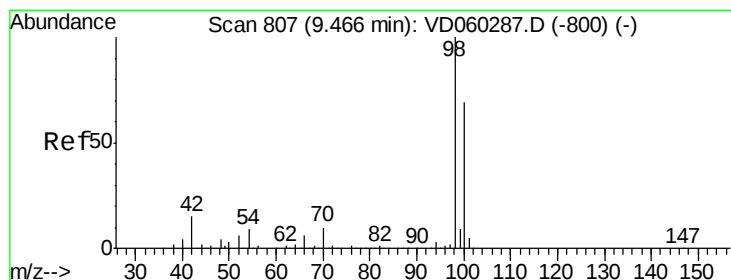
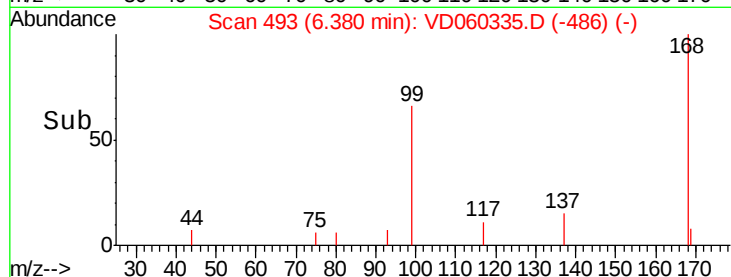
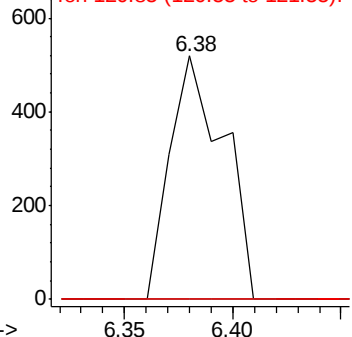
#38
Carbon Tetrachloride
Concen: 3.823 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.13 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Instrument :
MSVOA_D
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WALL-E

Tgt Ion: 117 Resp: 899
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.3 36.5#

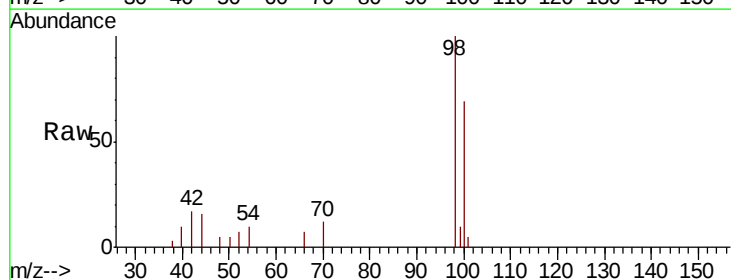


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

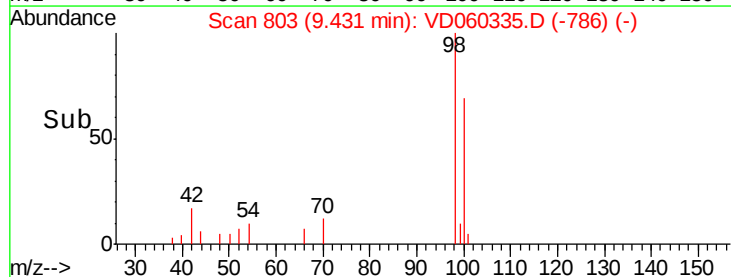
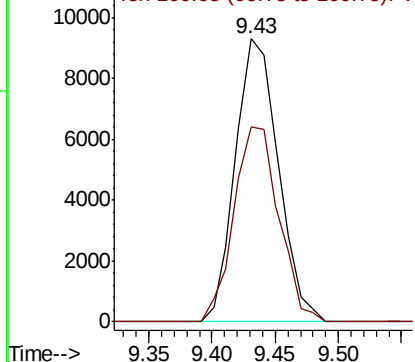


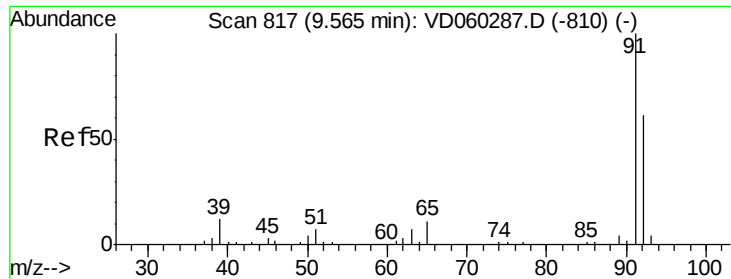
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 803
Delta R.T. -0.04 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Tgt Ion: 98 Resp: 22074
Ion Ratio Lower Upper
98 100
100 69.1 55.2 82.8



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





#52

Toluene

Concen: 3.520 ug/l

RT: 9.53 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

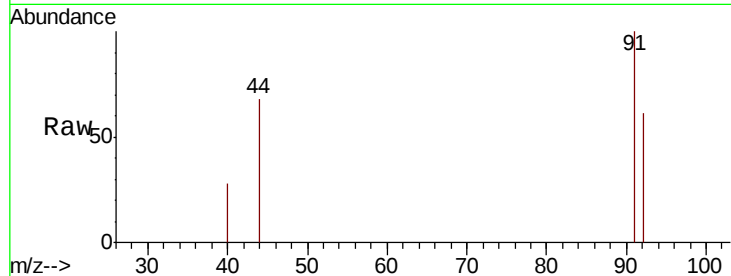
WALL-E

Tgt Ion: 92 Resp: 1455

Ion Ratio Lower Upper

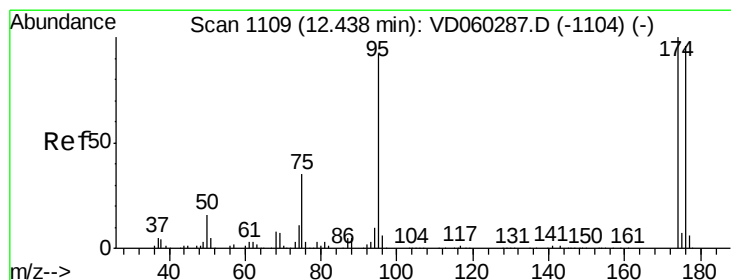
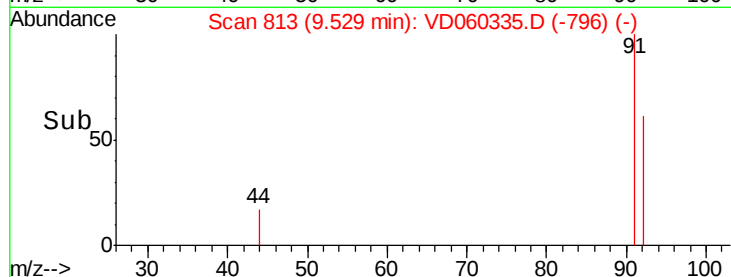
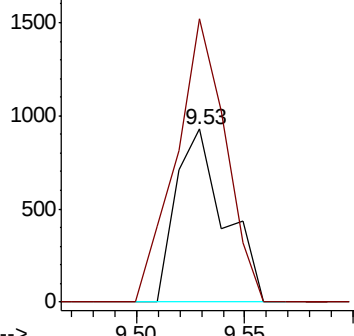
92 100

91 163.5 131.9 197.9



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: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

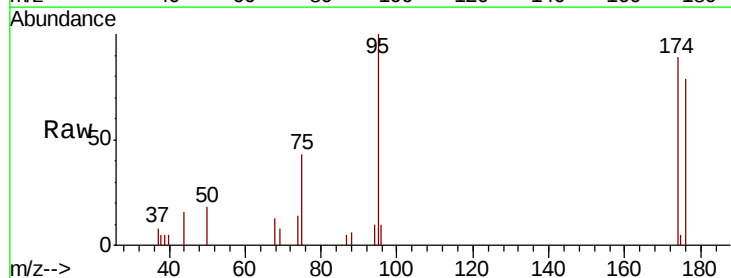
Tgt Ion: 95 Resp: 8082

Ion Ratio Lower Upper

95 100

174 88.7 0.0 160.8

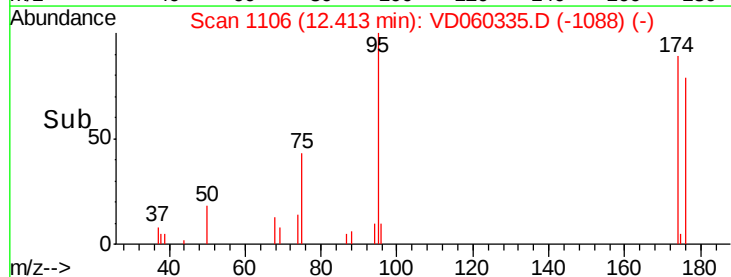
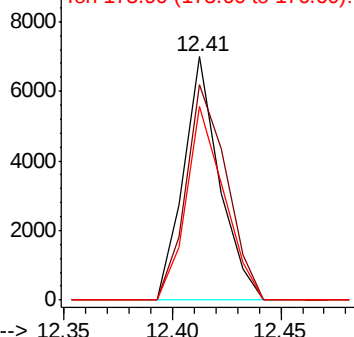
176 79.5 0.0 154.6

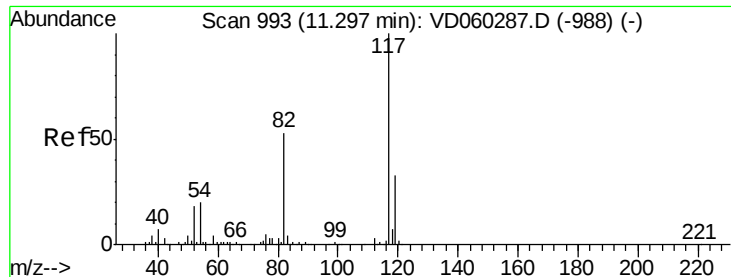


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

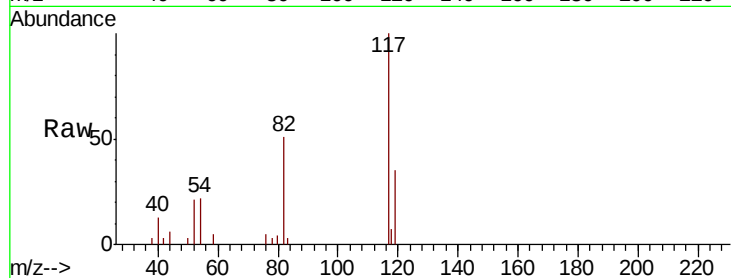




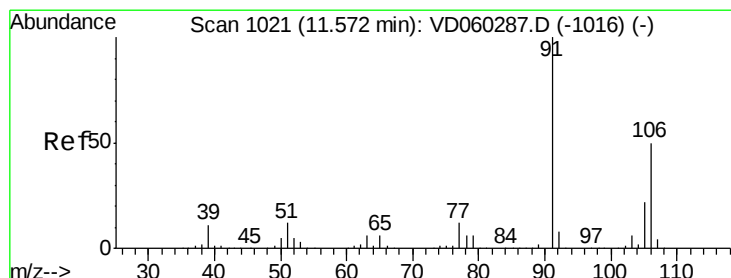
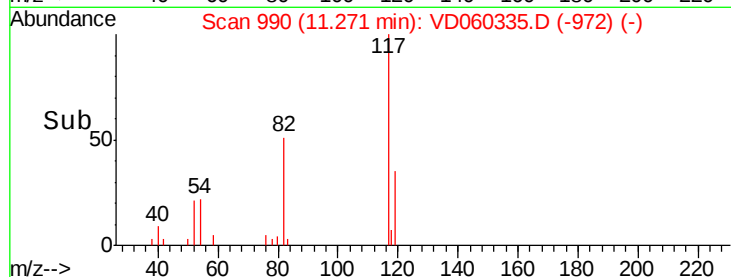
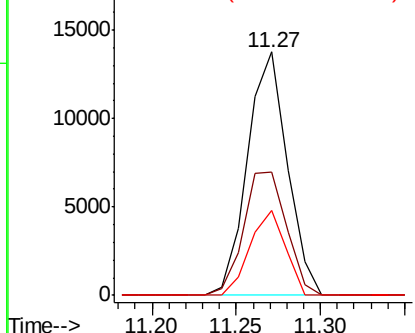
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
WALL-E

Tgt Ion:117 Resp: 22586
Ion Ratio Lower Upper
117 100
82 50.8 43.7 65.5
119 34.9 26.1 39.1

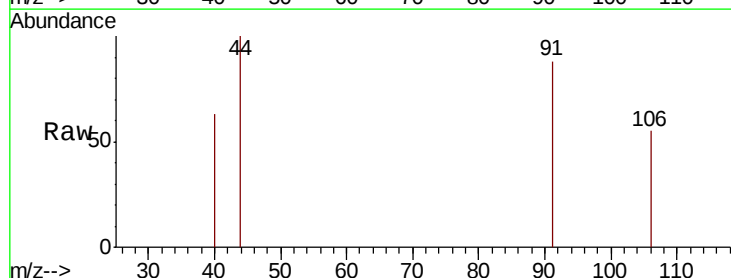


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

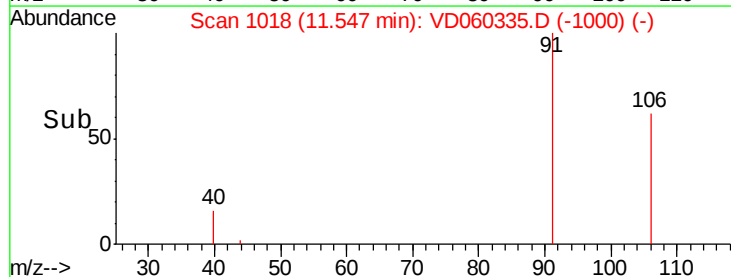
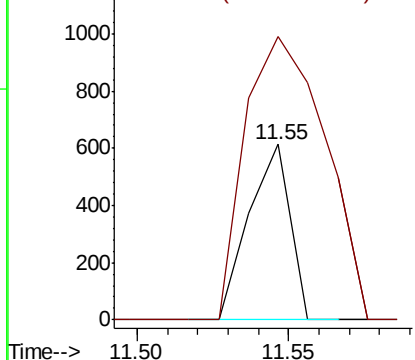


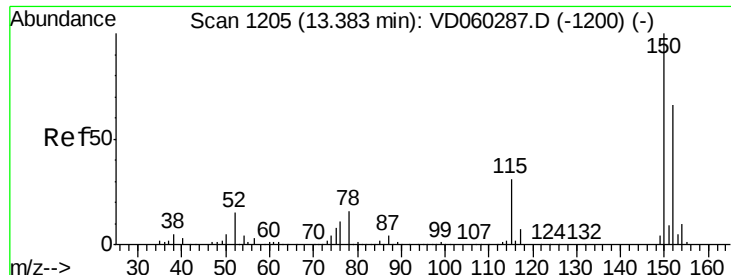
#68
m/p-Xylenes
Concen: 1.885 ug/l
RT: 11.55 min Scan# 1018
Delta R.T. -0.03 min
Lab File: VD060335.D
Acq: 12 Nov 2018 14:08

Tgt Ion:106 Resp: 582
Ion Ratio Lower Upper
106 100
91 161.2 159.4 239.2



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

WALL-E

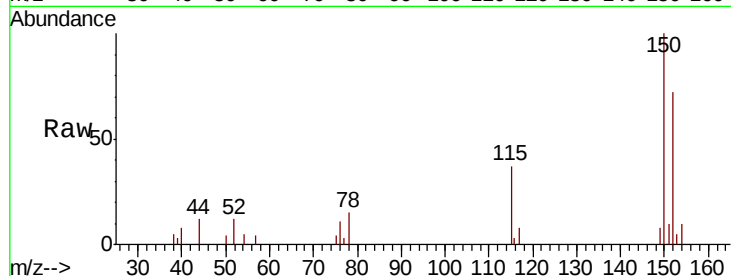
Tgt Ion:152 Resp: 10127

Ion Ratio Lower Upper

152 100

115 50.7 24.1 72.3

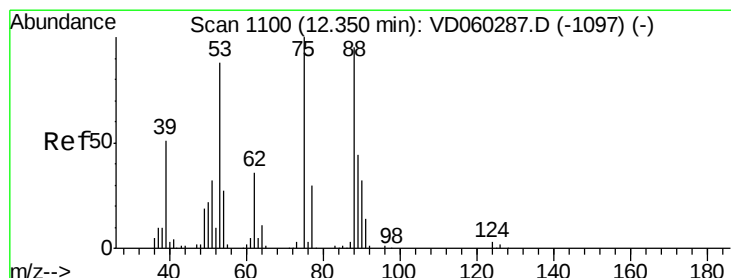
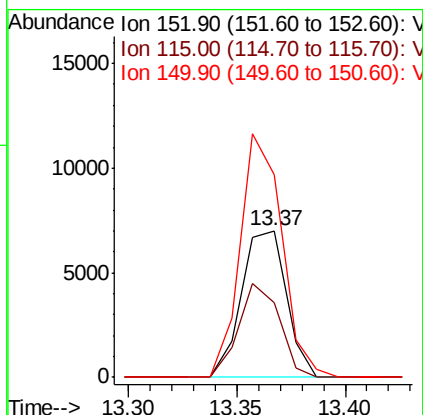
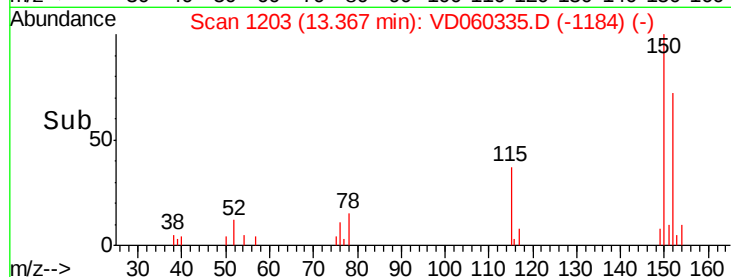
150 138.5 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 101.858 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060335.D

Acq: 12 Nov 2018 14:08

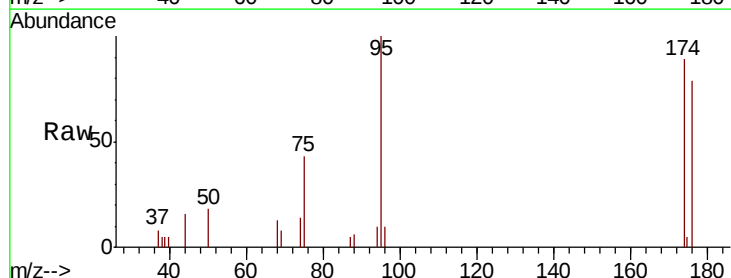
Tgt Ion: 75 Resp: 3513

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

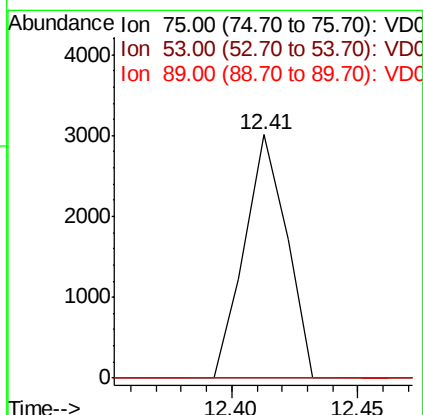
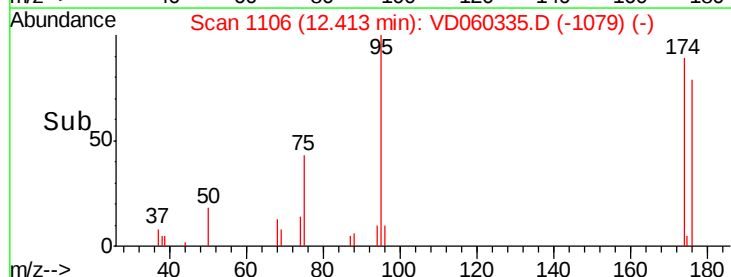
89 0.0 34.1 51.1#

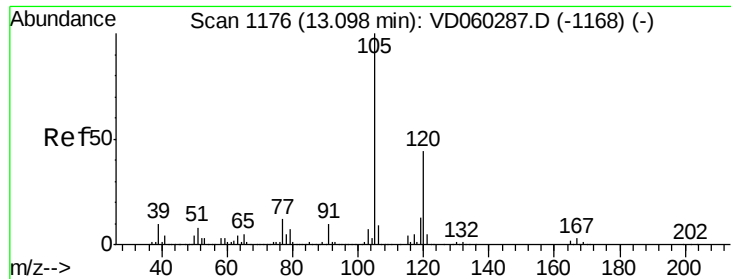


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

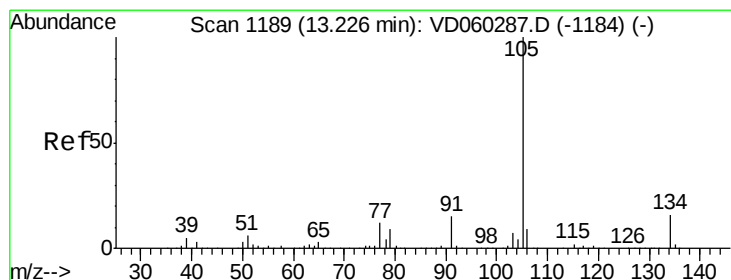
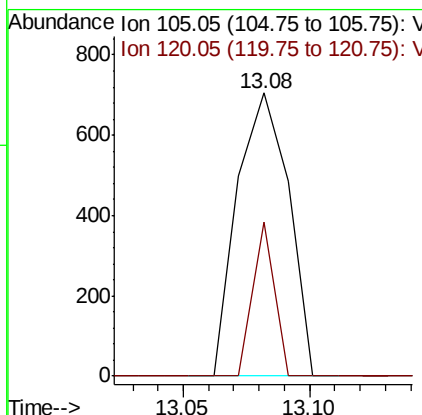
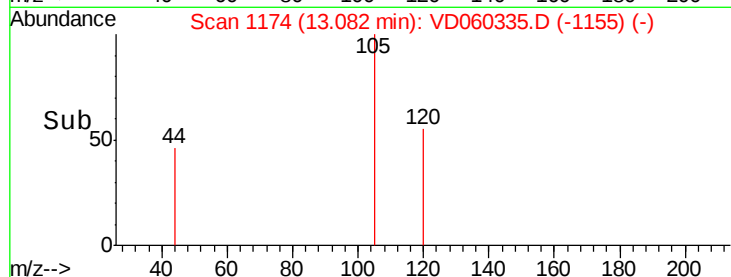
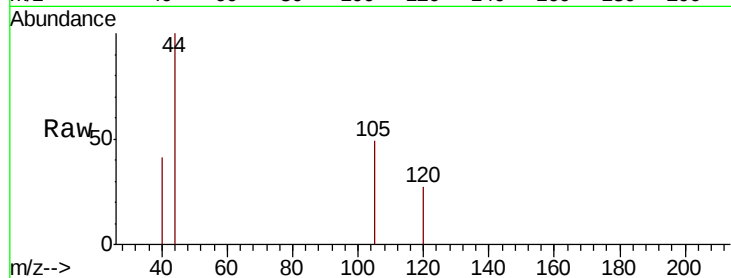




#84
 1,2,4-Trimethylbenzene
 Concen: 1.743 ug/l
 RT: 13.08 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: VD060335.D
 Acq: 12 Nov 2018 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-E

Tgt Ion:105 Resp: 998
 Ion Ratio Lower Upper
 105 100
 120 54.6 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 1.278 ug/l
 RT: 13.08 min Scan# 1174
 Delta R.T. -0.14 min
 Lab File: VD060335.D
 Acq: 12 Nov 2018 14:08

Tgt Ion:105 Resp: 998
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.0 24.0#

