

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\
 Data File : VD060749.D
 Acq On : 28 Dec 2018 16:32
 Operator : VA/AP
 Sample : J6193-11
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-A

Quant Time: Dec 28 22:23:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

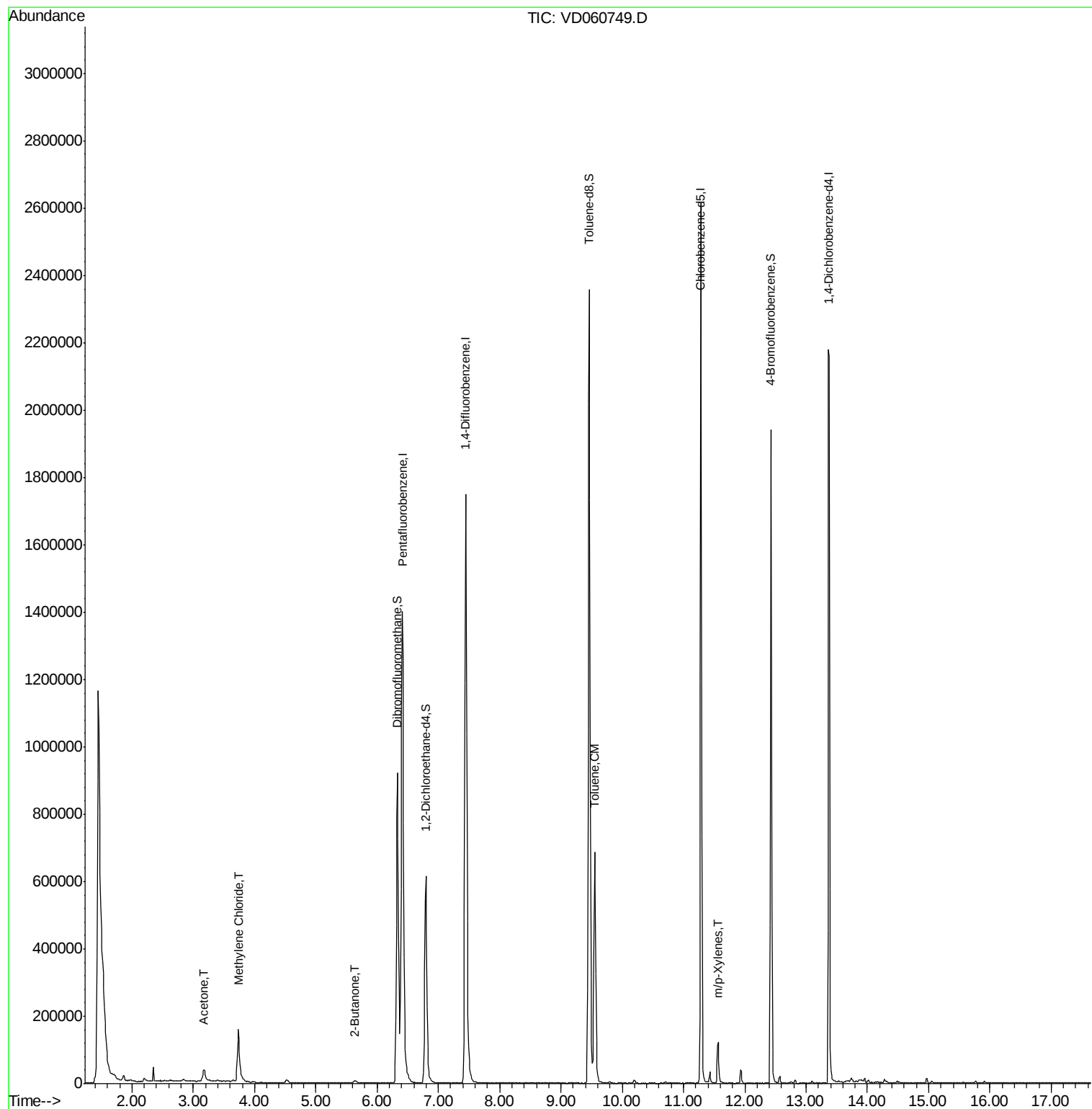
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1377872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1921381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1412294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	586925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	514495	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	6.33	113	721897	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	9.46	98	1933761	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
62) 4-Bromofluorobenzene	12.42	95	579614	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
Target Compounds						
16) Acetone	3.17	43	76291	45.878	ug/l	95
20) Methylene Chloride	3.73	84	100983	5.847	ug/l	97
25) 2-Butanone	5.63	43	12989	4.082	ug/l	96
52) Toluene	9.55	92	357408	11.156	ug/l	97
68) m/p-Xylenes	11.57	106	37944	1.943	ug/l	95

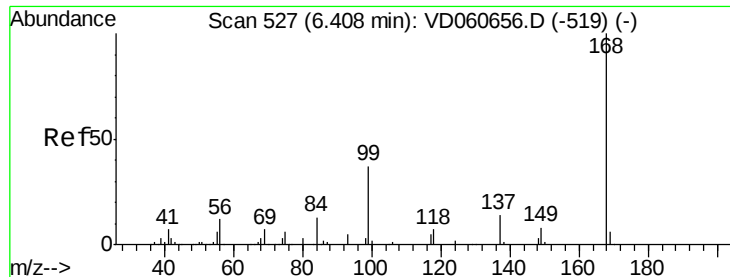
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122818\
Data File : VD060749.D
Acq On : 28 Dec 2018 16:32
Operator : VA/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

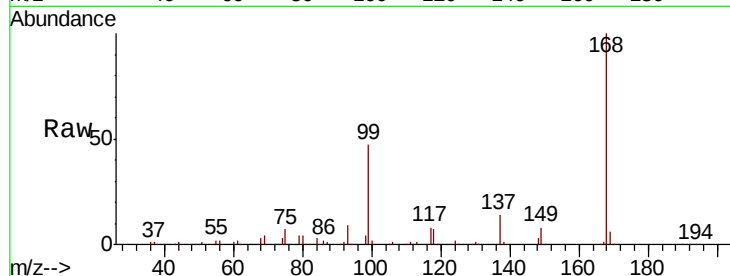
CL-02-122718-A

Tot Ion:168 Resp: 1377872

Ion Ratio Lower Upper

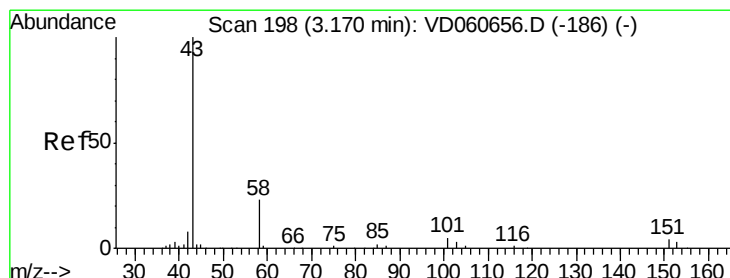
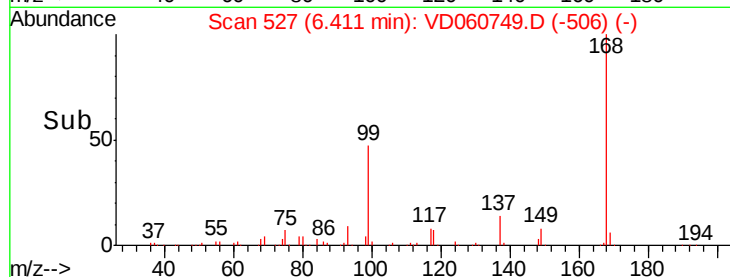
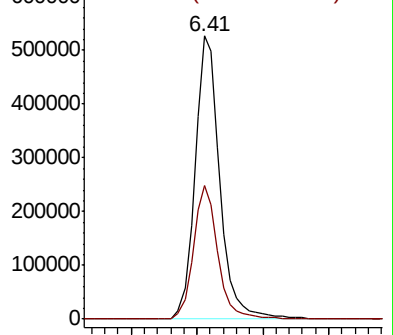
168 100

99 47.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 45.878 ug/l

RT: 3.17 min Scan# 198

Delta R.T. 0.00 min

Lab File: VD060749.D

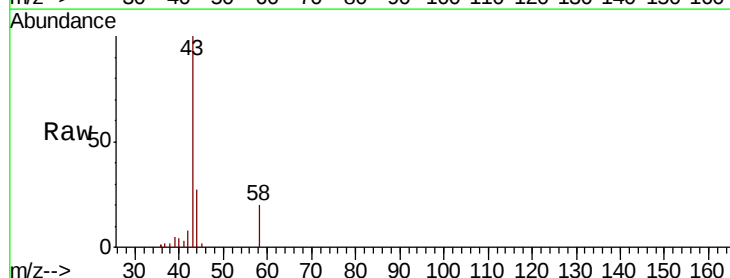
Acq: 28 Dec 2018 16:32

Tgt Ion: 43 Resp: 76291

Ion Ratio Lower Upper

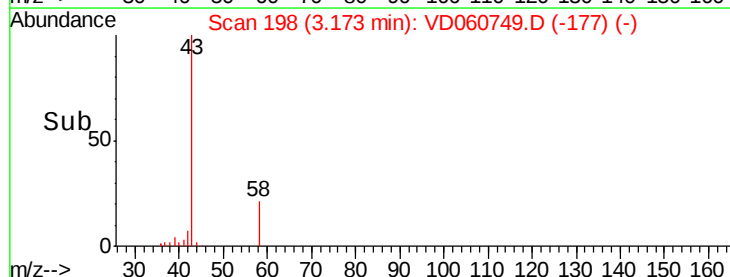
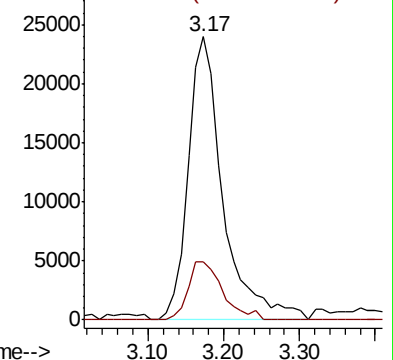
43 100

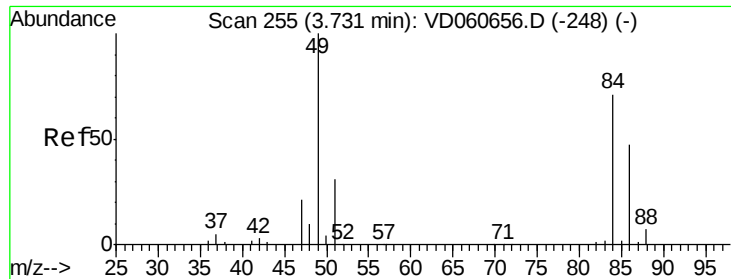
58 20.5 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

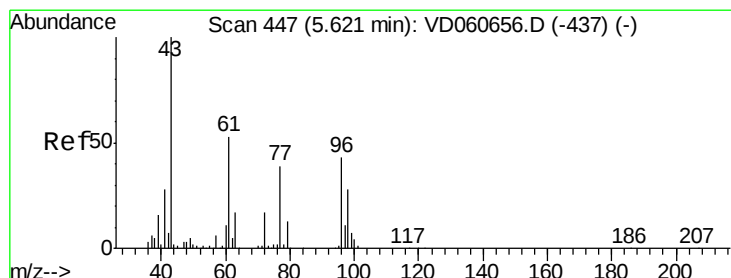
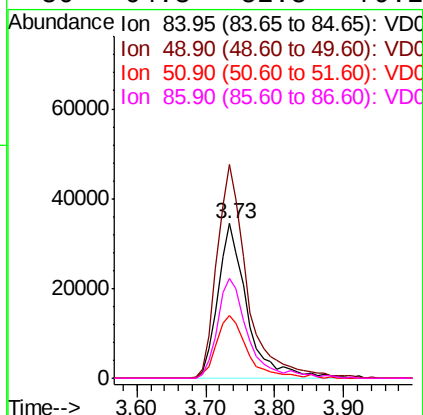
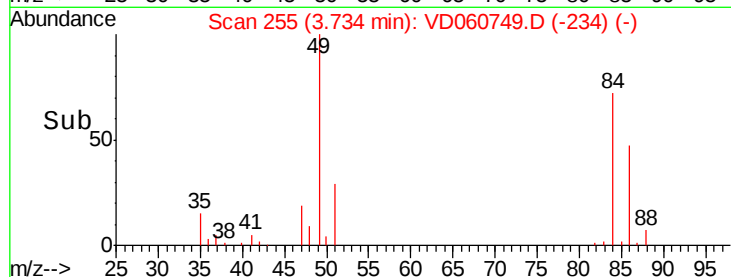
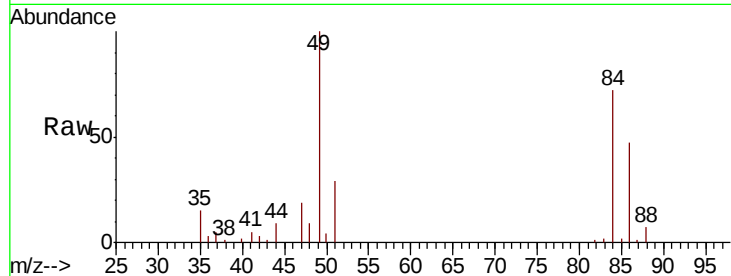




#20
Methvlene Chloride
Concen: 5.847 ug/l
RT: 3.73 min Scan# 255
Delta R.T. 0.00 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

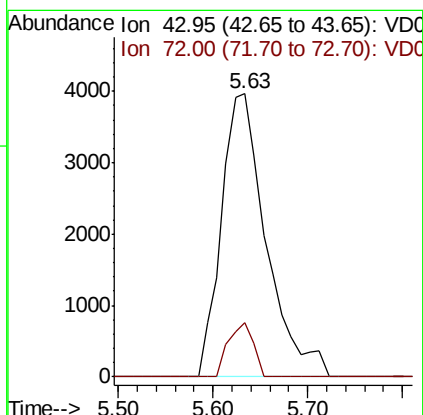
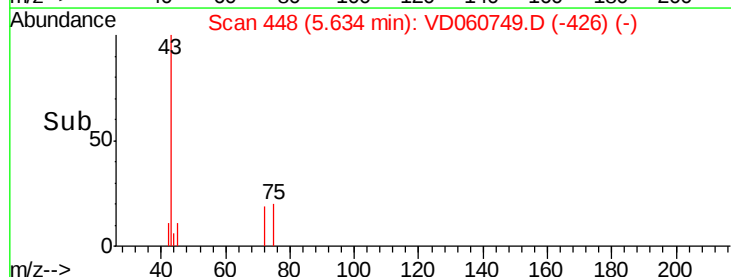
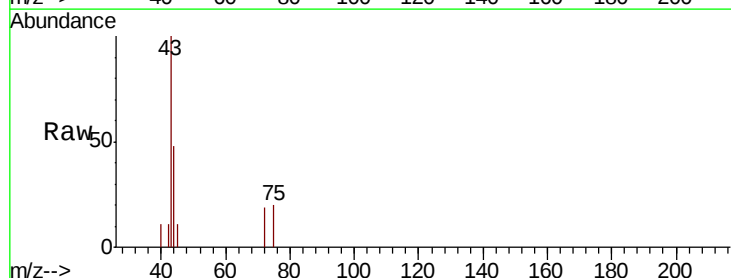
Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-A

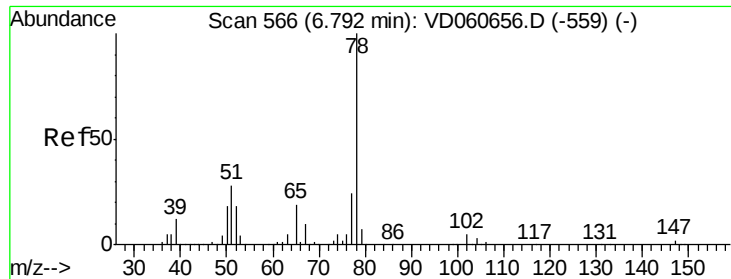
Tot Ion: 84 Resp: 100983
Ion Ratio Lower Upper
84 100
49 138.3 113.6 170.4
51 40.4 34.7 52.1
86 64.3 52.8 79.2



#25
2-Butanone
Concen: 4.082 ug/l
RT: 5.63 min Scan# 448
Delta R.T. 0.01 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

Tgt Ion: 43 Resp: 12989
Ion Ratio Lower Upper
43 100
72 18.9 13.7 20.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 566

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

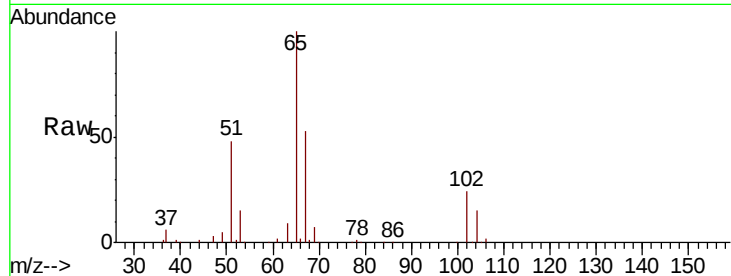
CL-02-122718-A

Tot Ion: 65 Resp: 514495

Ion Ratio Lower Upper

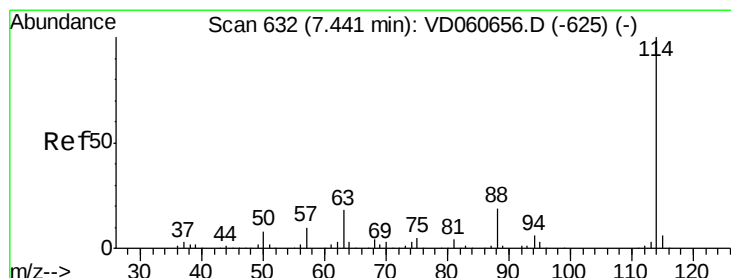
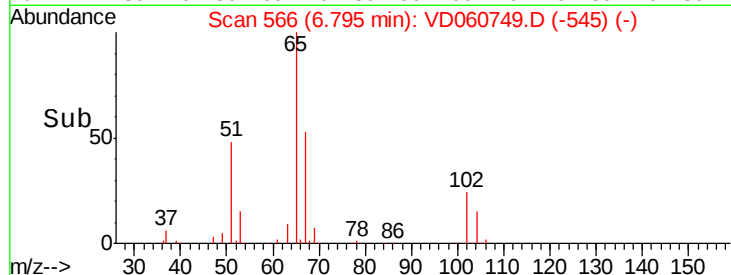
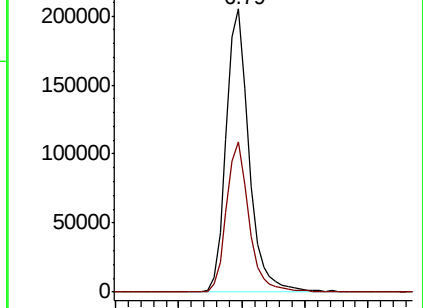
65 100

67 53.0 0.0 105.4



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: 7.44 min Scan# 632

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

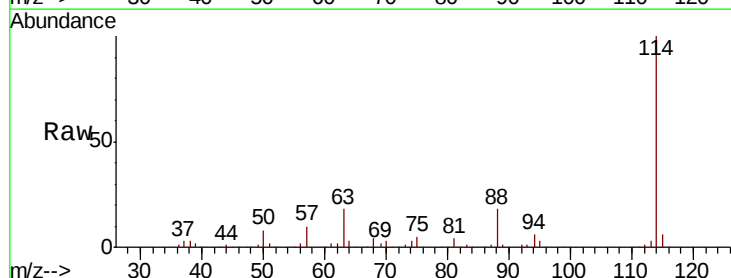
Tgt Ion: 114 Resp: 1921381

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

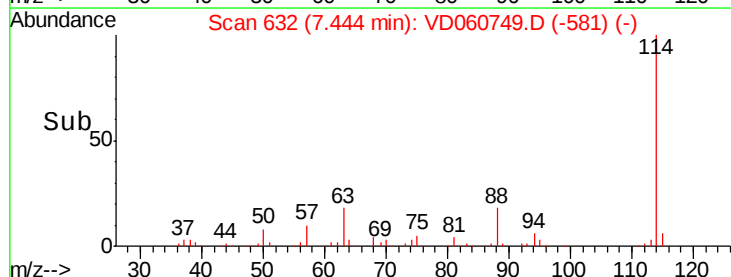
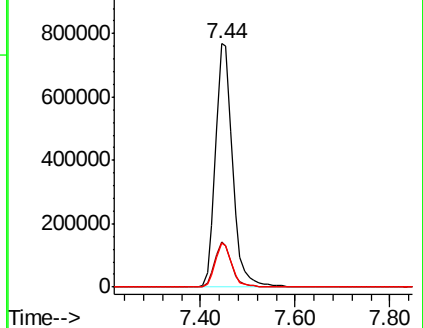
88 18.1 0.0 37.0

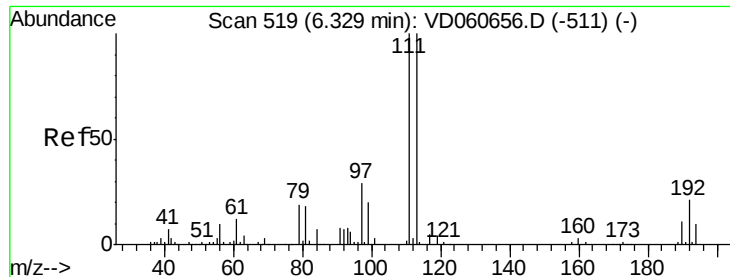


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

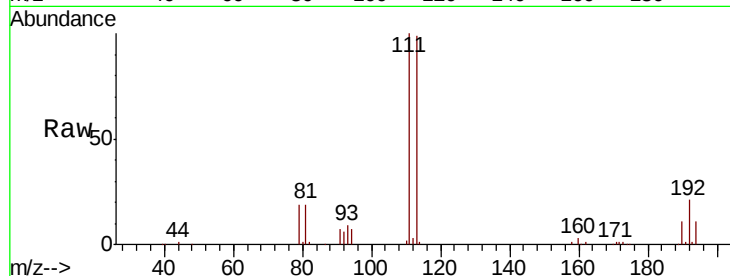




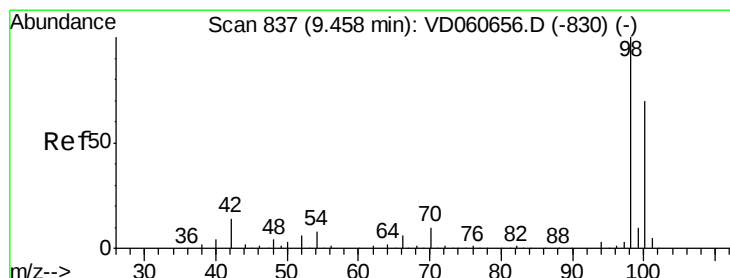
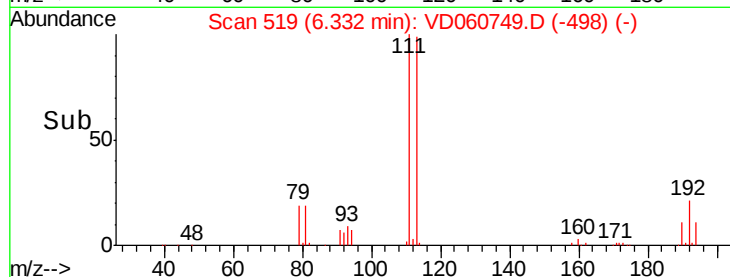
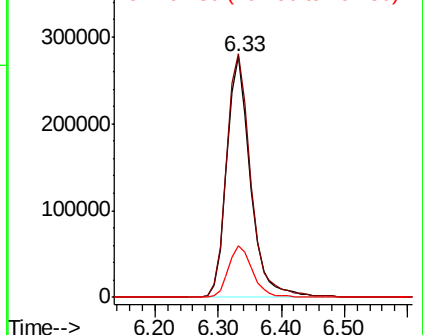
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 519
Delta R.T. 0.00 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.0	120.0
192	21.5	16.6	25.0

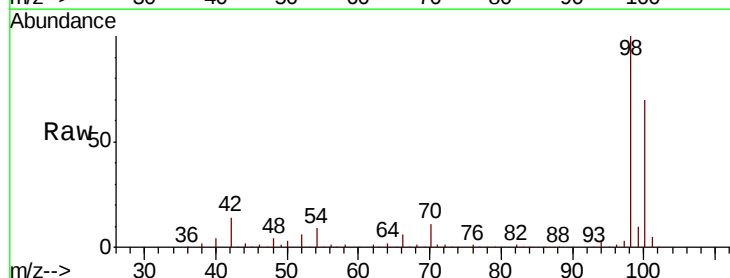


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

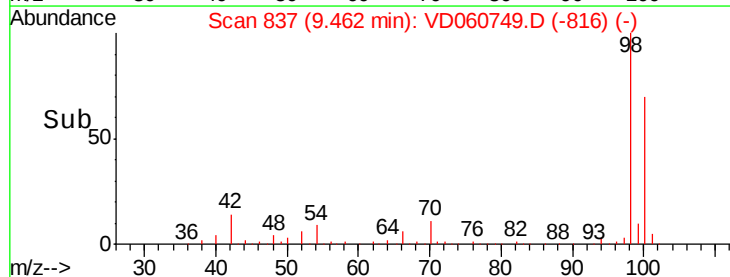
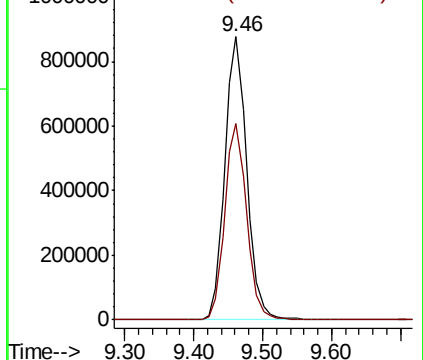


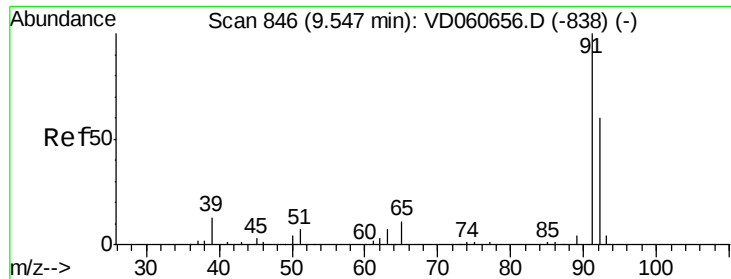
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.8	83.8



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





#52

Toluene

Concen: 11.156 ug/l

RT: 9.55 min Scan# 846

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

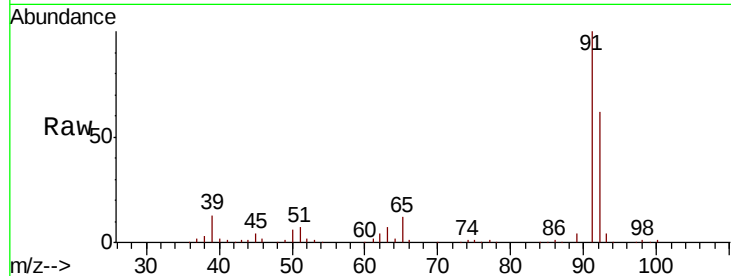
CL-02-122718-A

Tot Ion: 92 Resp: 357408

Ion Ratio Lower Upper

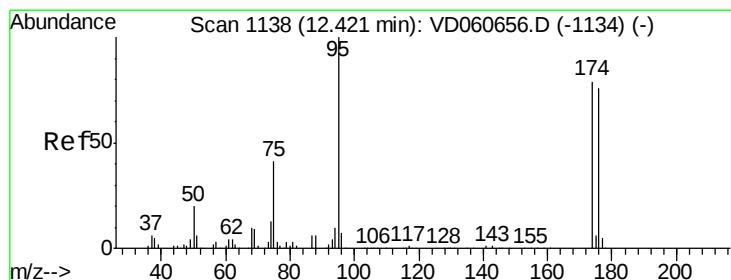
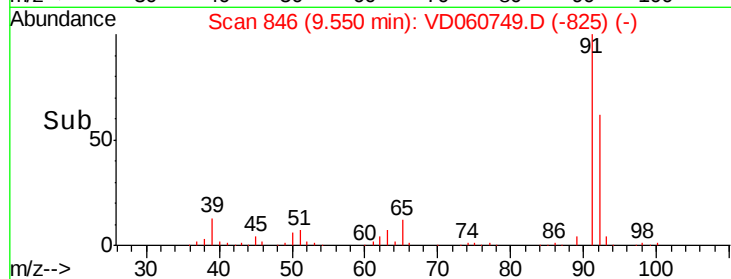
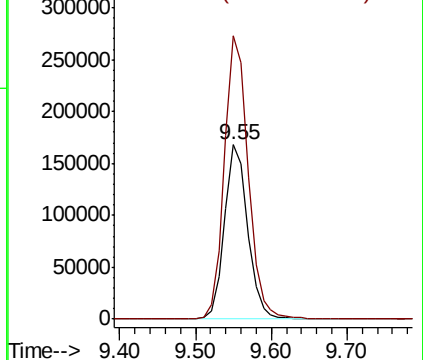
92 100

91 162.2 132.6 199.0



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: 12.42 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

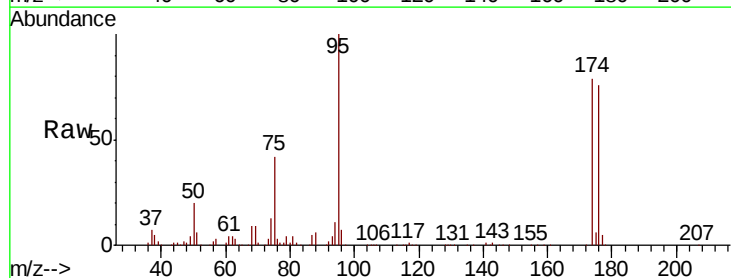
Tgt Ion: 95 Resp: 579614

Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.2

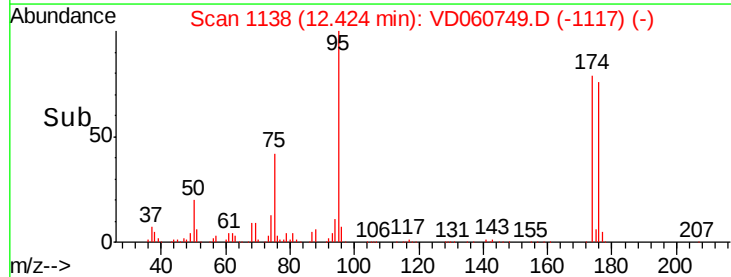
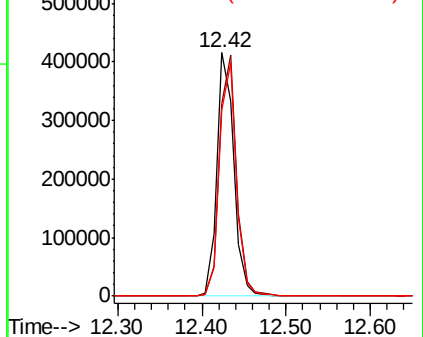
176 76.5 0.0 152.4

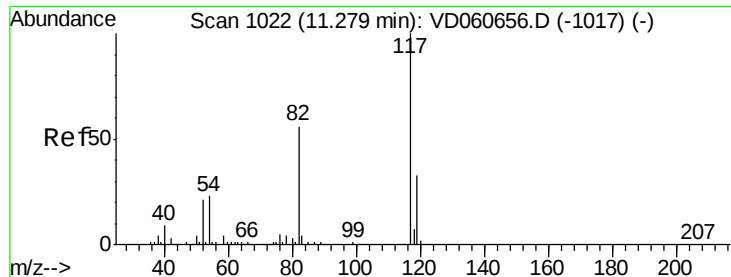


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

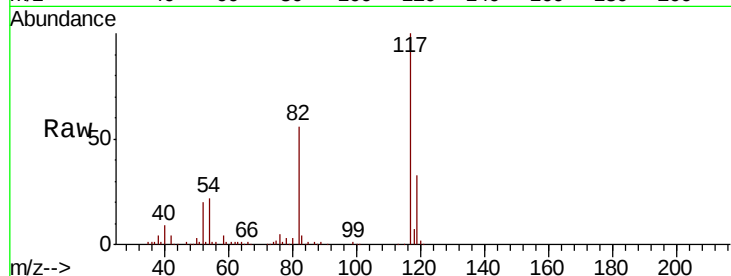




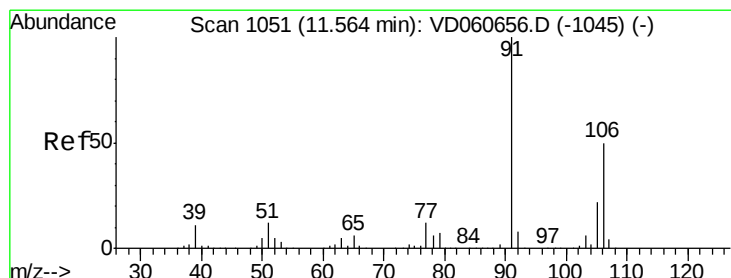
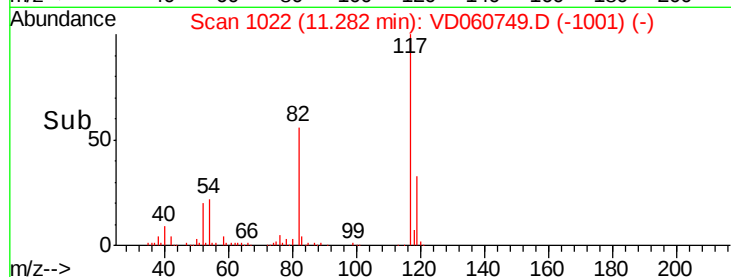
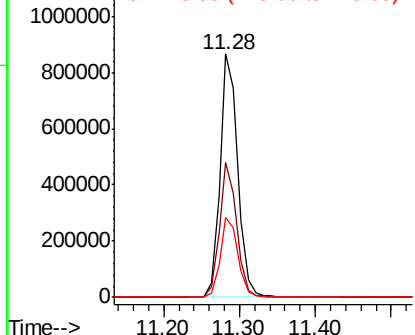
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-A

Tot Ion:117 Resp: 1412294
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 32.7 26.3 39.5

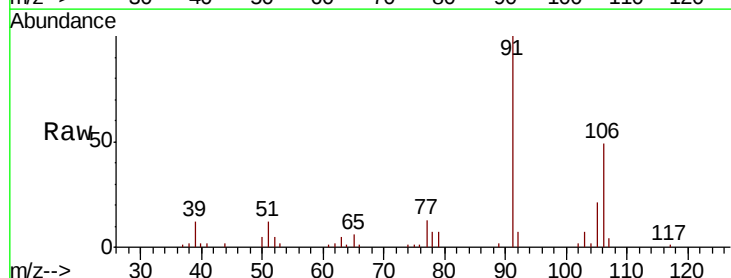


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

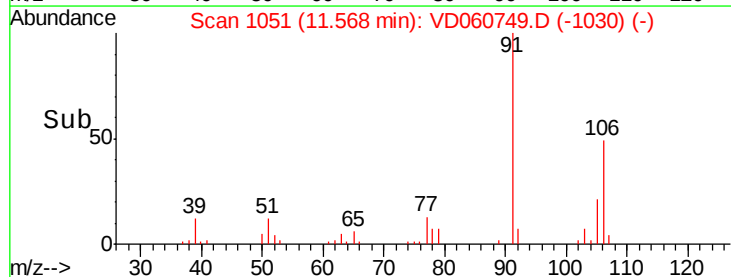
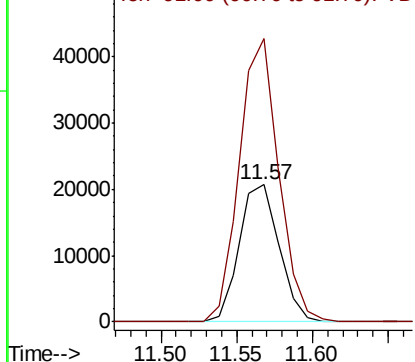


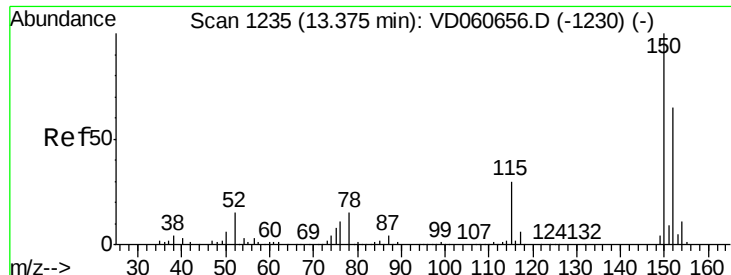
#68
m/p-Xylenes
Concen: 1.943 ug/l
RT: 11.57 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD060749.D
Acq: 28 Dec 2018 16:32

Tgt Ion:106 Resp: 37944
Ion Ratio Lower Upper
106 100
91 206.1 158.9 238.3



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: 13.38 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VD060749.D

Acq: 28 Dec 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-A

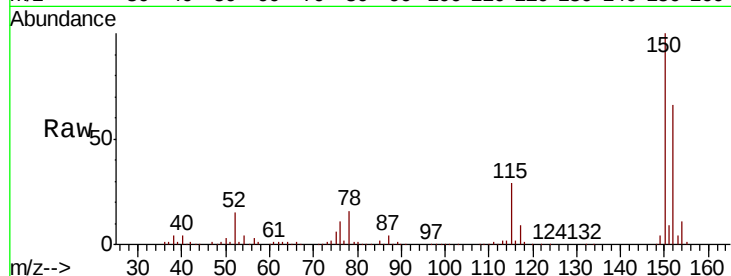
Tot Ion:152 Resp: 586925

Ion Ratio Lower Upper

152 100

115 44.4 24.1 72.3

150 150.9 0.0 315.0



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

