

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122818\
 Data File : VD060746.D
 Acq On : 28 Dec 2018 15:08
 Operator : VA/AP
 Sample : J6193-17
 Misc : 6.26g/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 28 22:01:58 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	1361969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1923886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1410960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	596116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	541991	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	6.33	113	752550	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	9.46	98	2012264	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.43	95	593833	40.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.72%	

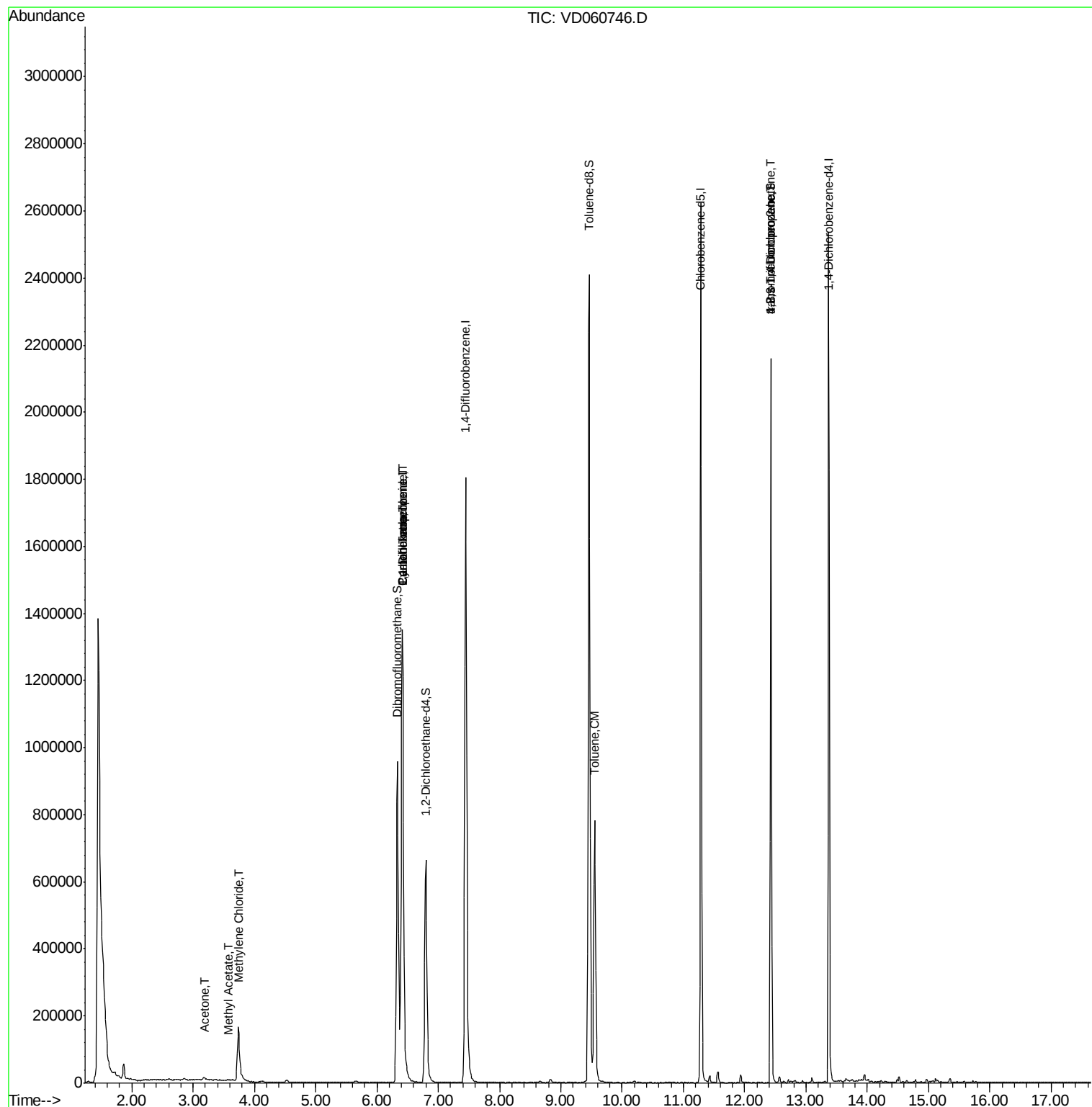
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.18	43	17346	10.553	ug/l	100
18) Methyl Acetate	3.57	43	4165	1.022	ug/l #	63
20) Methylene Chloride	3.74	84	111725	6.545	ug/l	95
31) Cyclohexane	6.41	56	25756	1.083	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	97669	4.930	ug/l #	45
38) Carbon Tetrachloride	6.41	117	105574	6.041	ug/l #	16
52) Toluene	9.55	92	409900	12.778	ug/l	97
76) 1,2,3-Trichloropropane	12.43	75	196993	29.026	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	245216	130.759	ug/l #	13

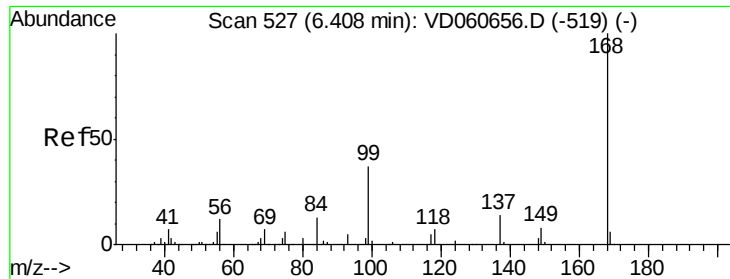
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122818\
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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. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

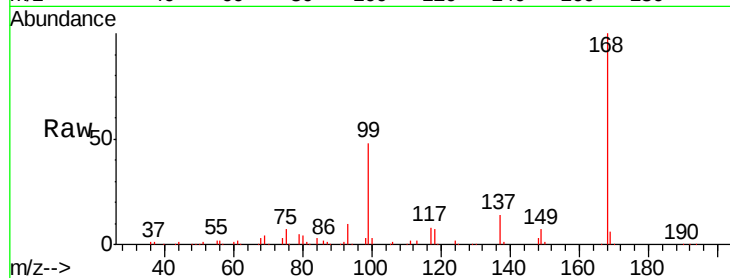
CL-02-122718-D

Tgt Ion:168 Resp: 1361969

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

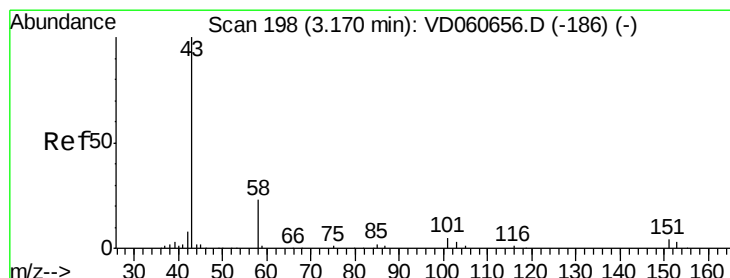
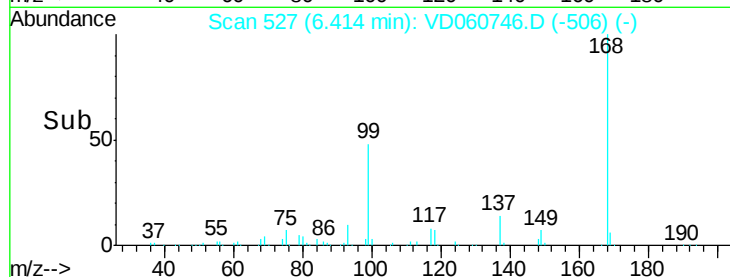
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.553 ug/l

RT: 3.18 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD060746.D

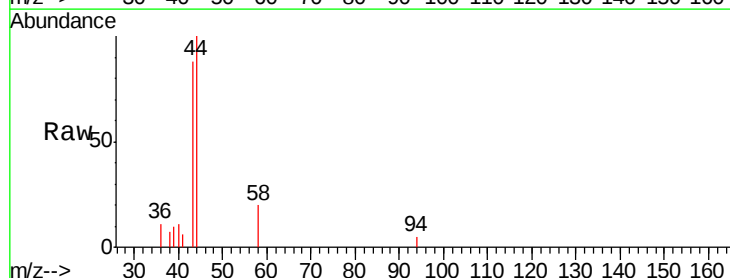
Acq: 28 Dec 2018 15:08

Tgt Ion: 43 Resp: 17346

Ion Ratio Lower Upper

43 100

58 22.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

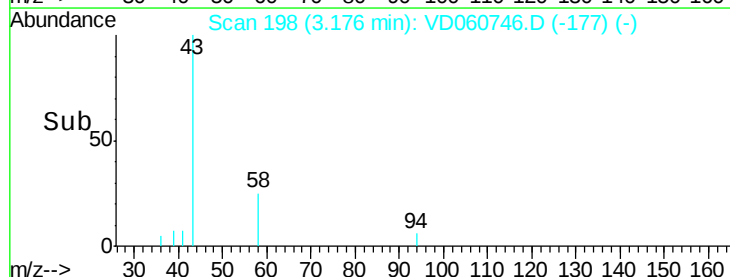
6000

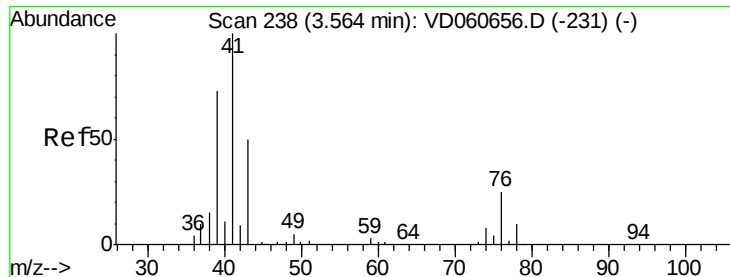
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2000

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Time-->

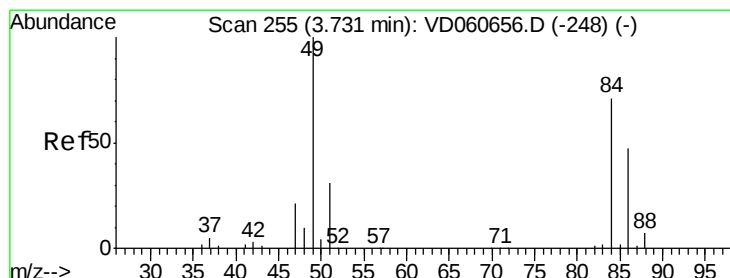
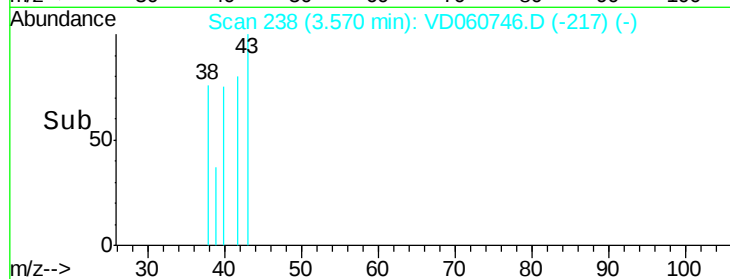
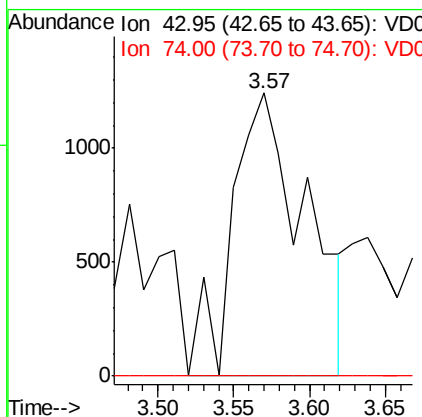
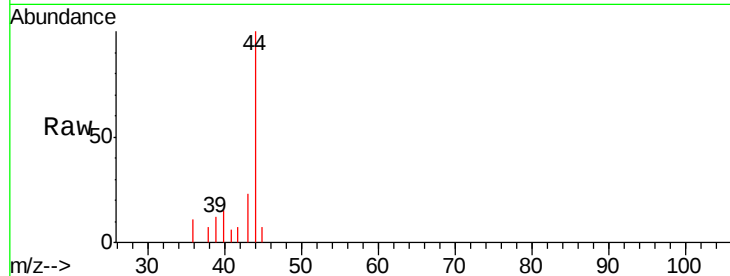




#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 3.57 min Scan# 238
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

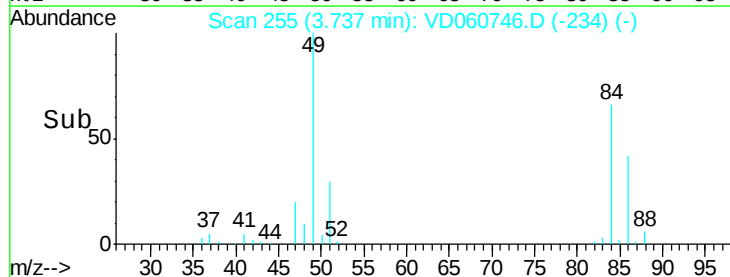
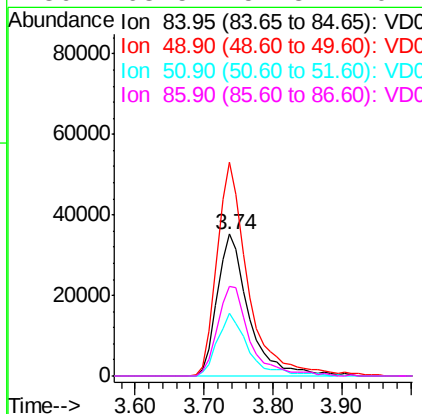
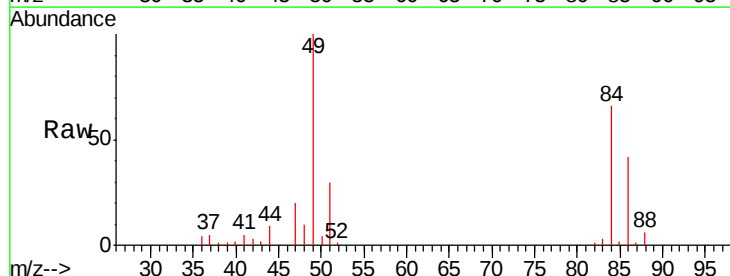
Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-D

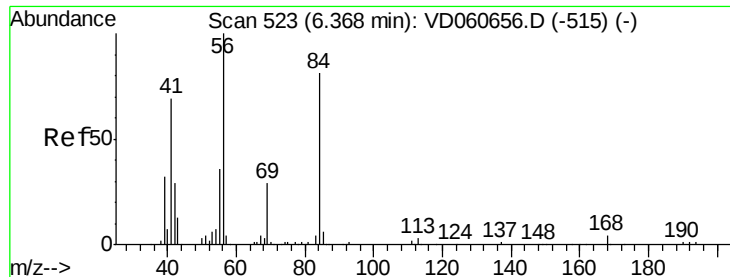
Tgt Ion: 43 Resp: 4165
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 6.545 ug/l
RT: 3.74 min Scan# 255
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

Tgt Ion: 84 Resp: 111725
Ion Ratio Lower Upper
84 100
49 150.5 113.6 170.4
51 44.7 34.7 52.1
86 63.5 52.8 79.2

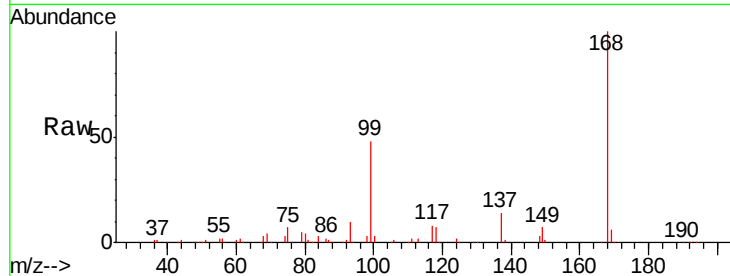




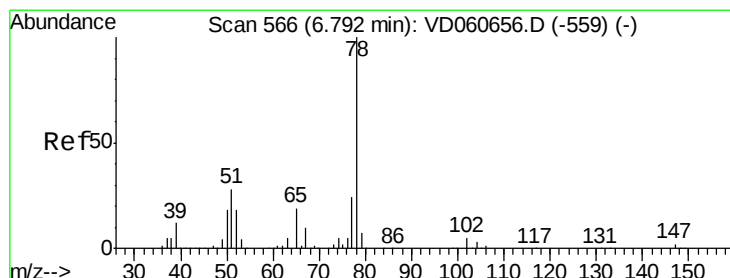
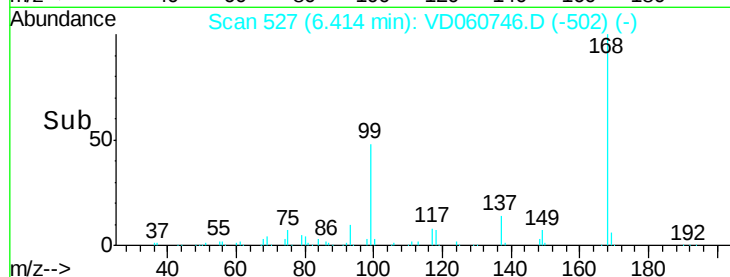
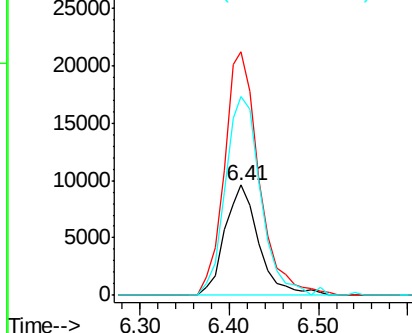
#31
Cyclohexane
Concen: 1.083 ug/l
RT: 6.41 min Scan# 527
Delta R.T. 0.05 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

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

Tgt Ion: 56 Resp: 25756
Ion Ratio Lower Upper
56 100
69 221.1 23.6 35.4#
84 180.6 65.8 98.6#

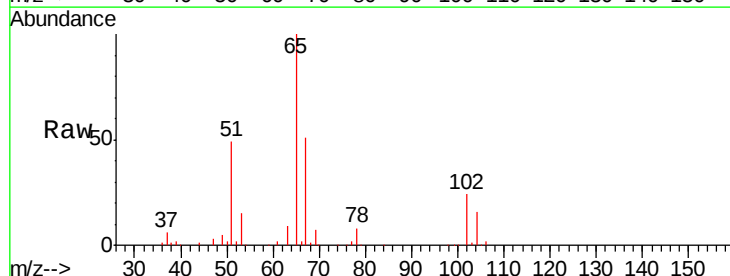


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

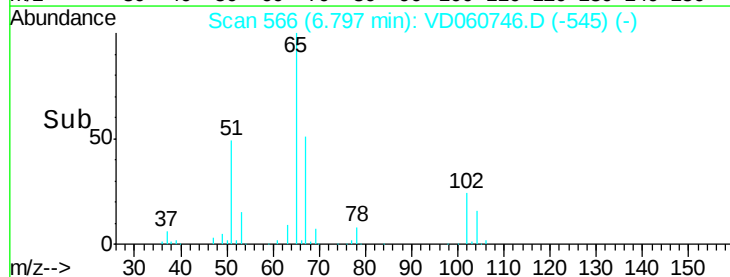
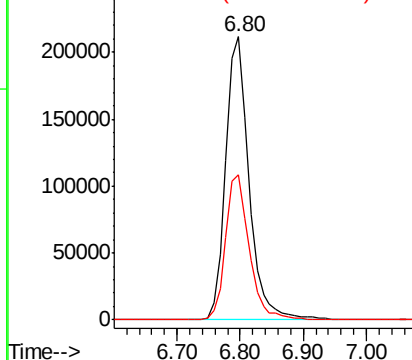


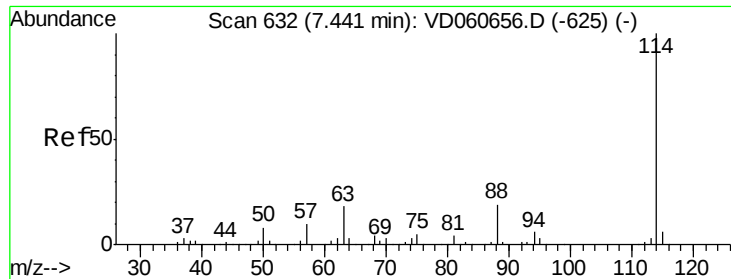
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

Tgt Ion: 65 Resp: 541991
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

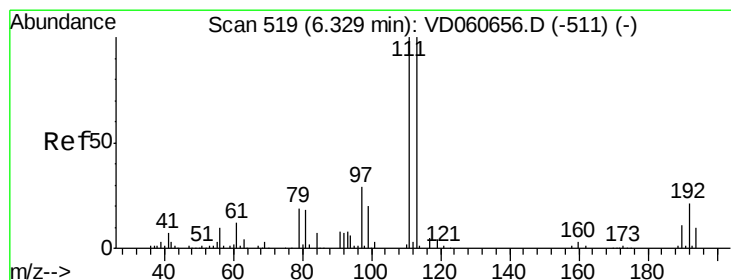
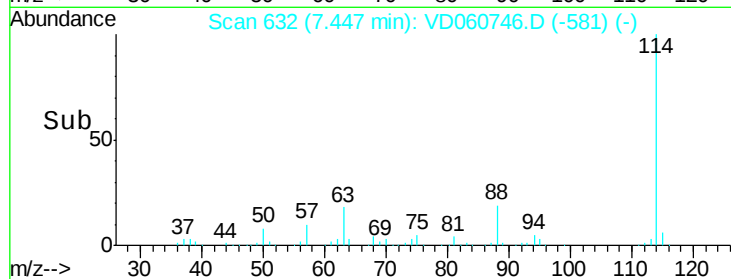
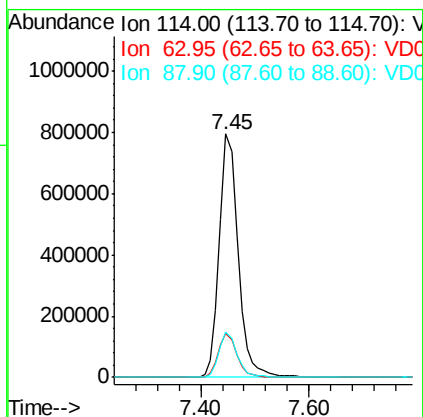
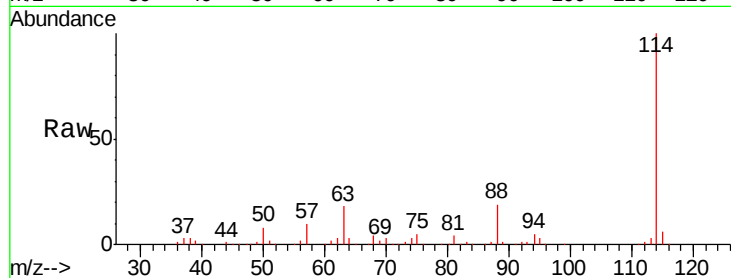




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VD060746.D
 Acq: 28 Dec 2018 15:08

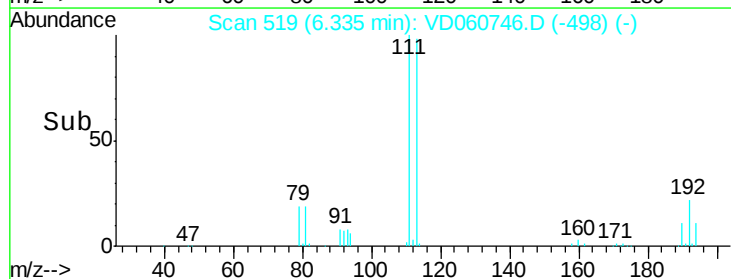
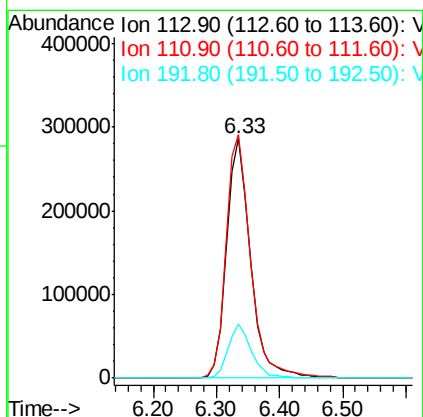
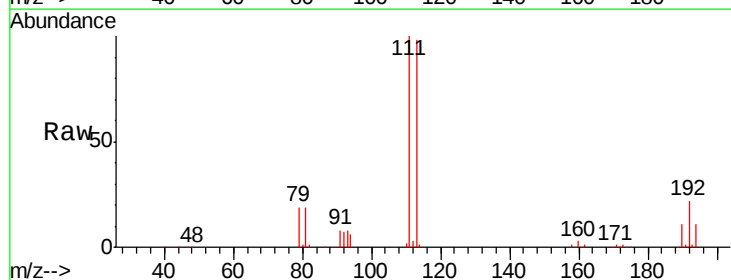
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-D

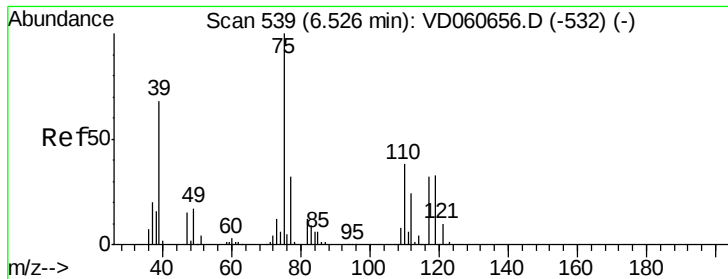
Tgt Ion:114 Resp: 1923886
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.2
 88 18.5 0.0 37.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD060746.D
 Acq: 28 Dec 2018 15:08

Tgt Ion:113 Resp: 752550
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.0 120.0
 192 22.8 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.930 ug/l

RT: 6.41 min Scan# 527

Delta R.T. -0.11 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

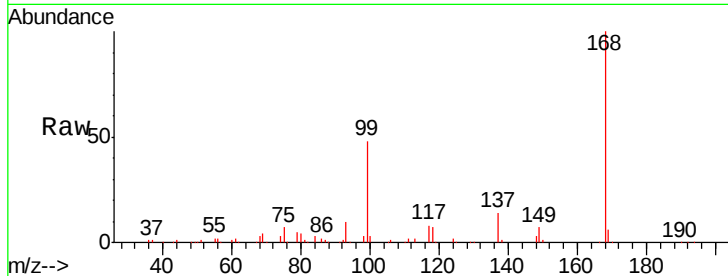
Tgt Ion: 75 Resp: 97669

Ion Ratio Lower Upper

75 100

110 6.2 18.9 56.7#

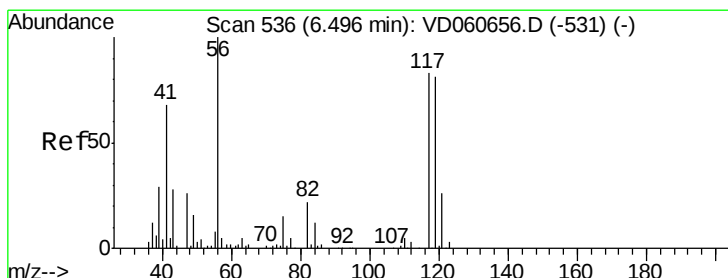
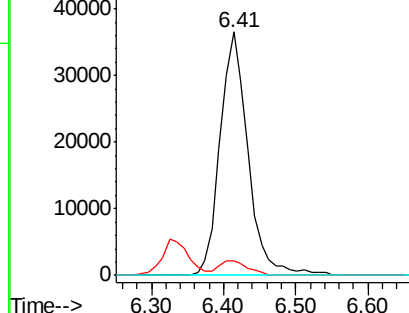
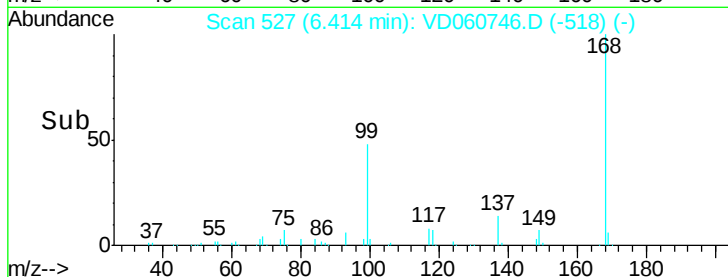
77 0.0 25.4 38.0#



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: 6.041 ug/l

RT: 6.41 min Scan# 527

Delta R.T. -0.08 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

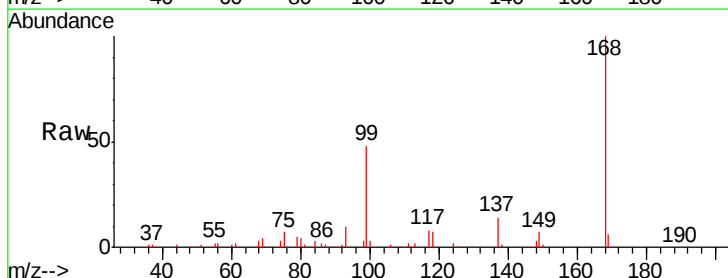
Tgt Ion: 117 Resp: 105574

Ion Ratio Lower Upper

117 100

119 4.8 77.0 115.4#

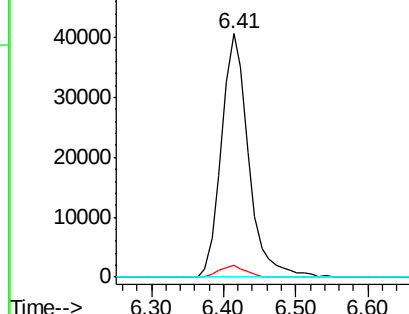
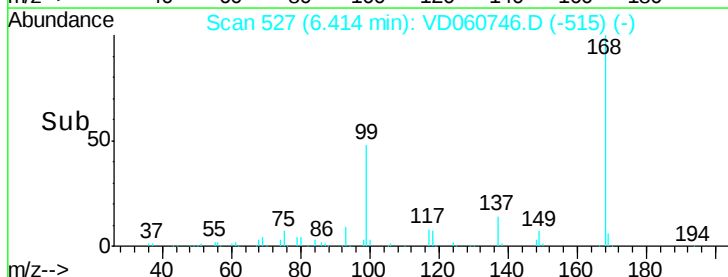
121 0.0 24.7 37.1#

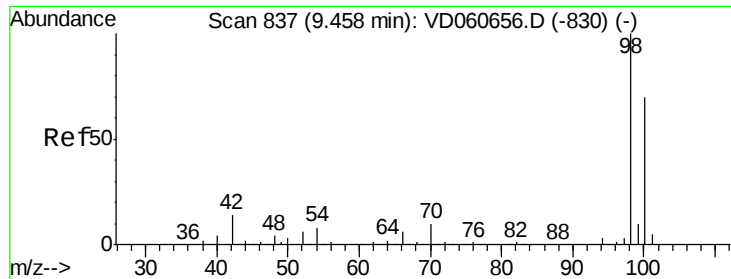


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

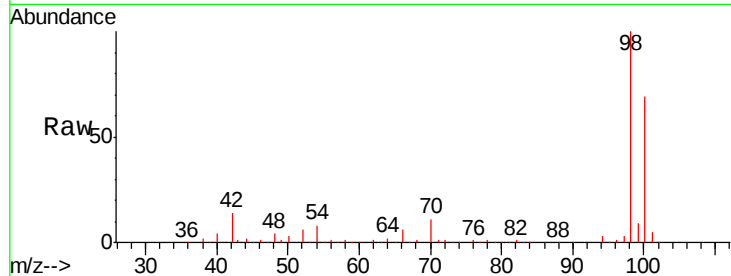




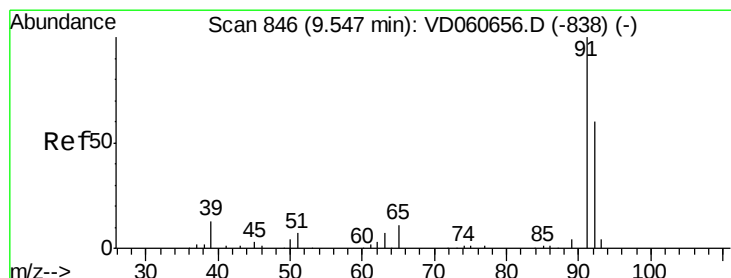
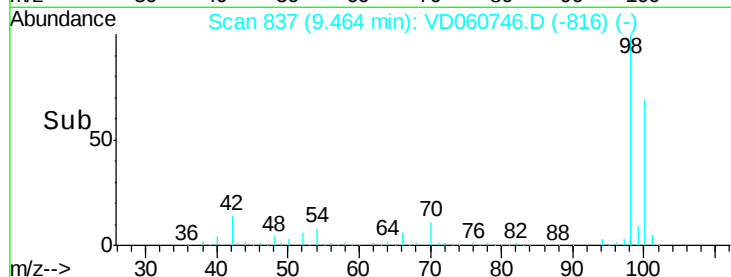
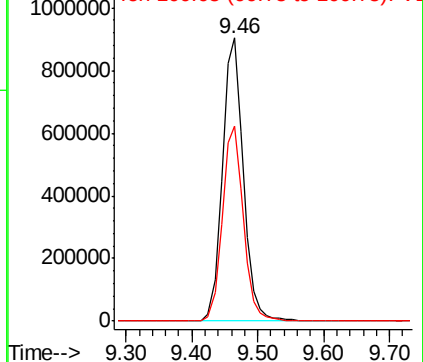
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

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

Tgt Ion: 98 Resp: 2012264
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.8

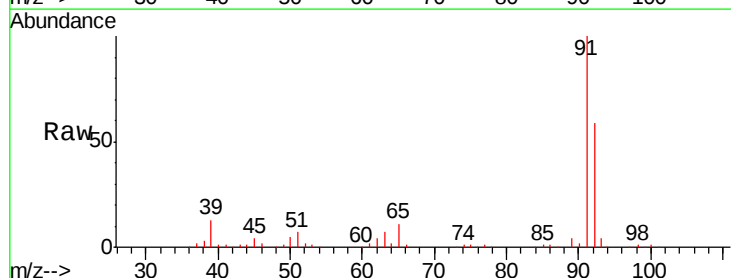


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

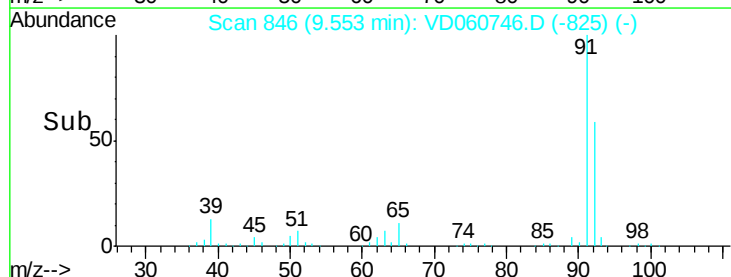
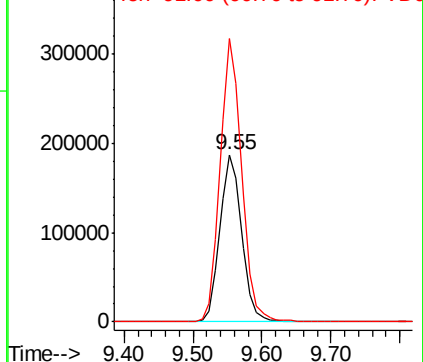


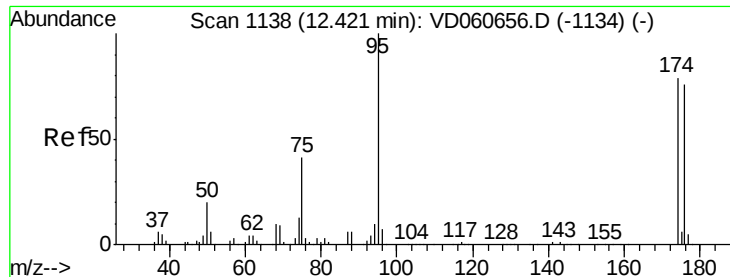
#52
Toluene
Concen: 12.778 ug/l
RT: 9.55 min Scan# 846
Delta R.T. 0.01 min
Lab File: VD060746.D
Acq: 28 Dec 2018 15:08

Tgt Ion: 92 Resp: 409900
Ion Ratio Lower Upper
92 100
91 169.2 132.6 199.0



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: 12.43 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

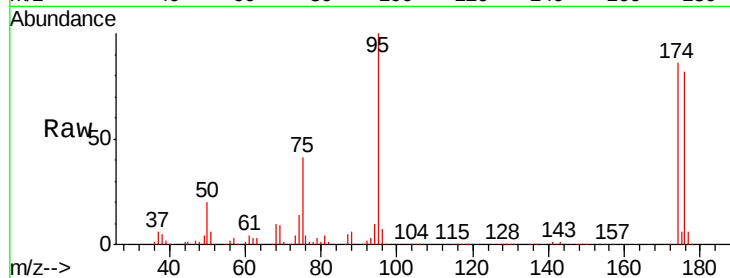
Tgt Ion: 95 Resp: 593833

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.2

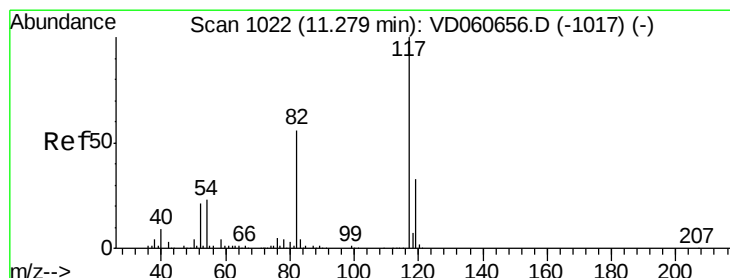
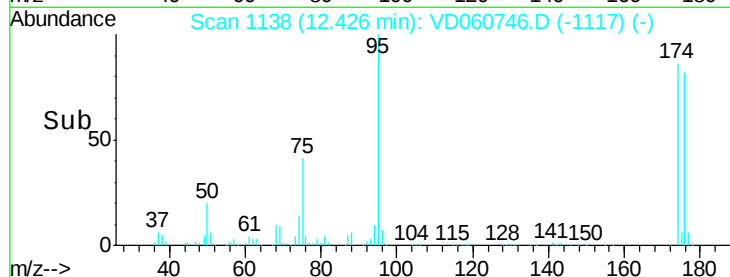
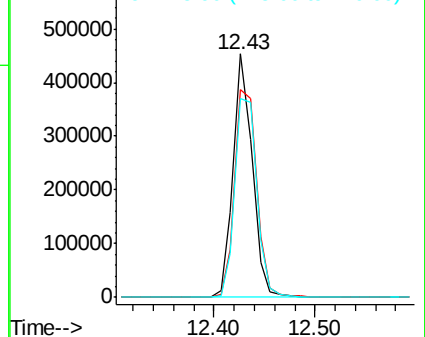
176 81.8 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

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. 0.01 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

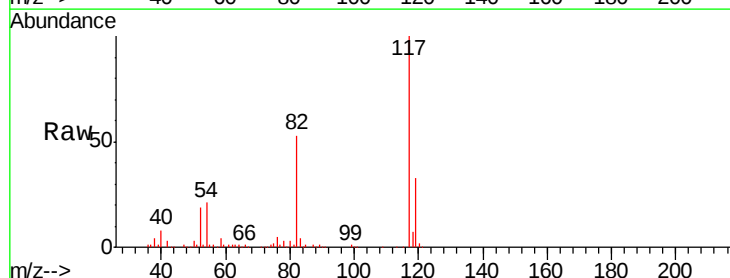
Tgt Ion: 117 Resp: 1410960

Ion Ratio Lower Upper

117 100

82 53.5 44.5 66.7

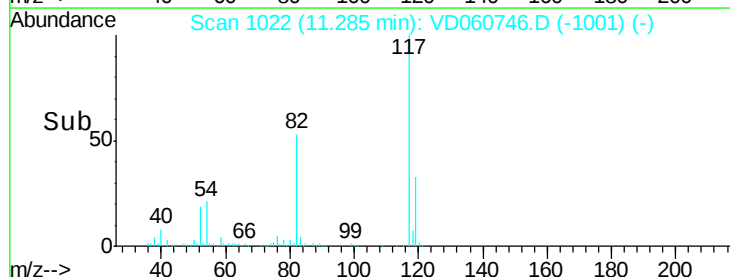
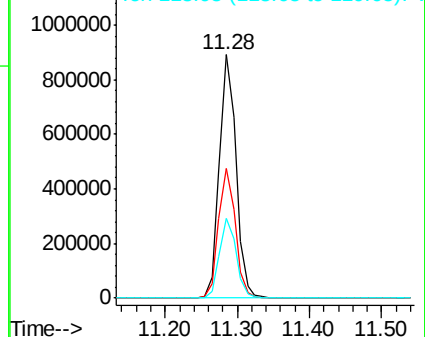
119 32.8 26.3 39.5

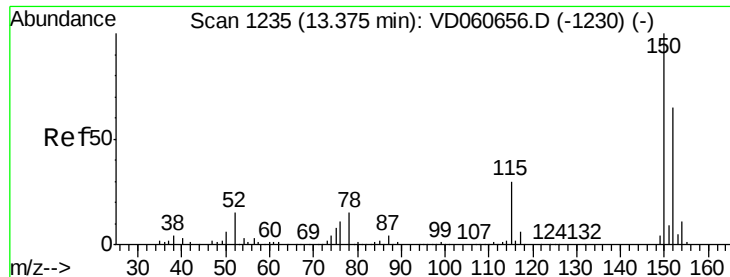


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

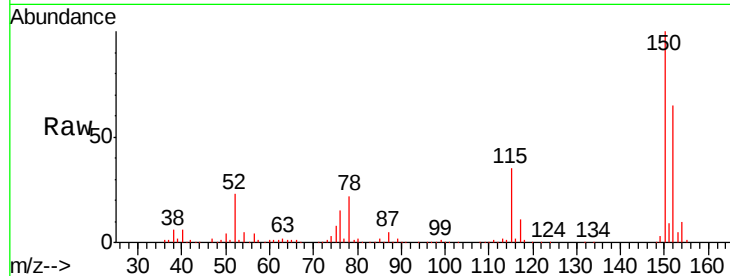
Tgt Ion:152 Resp: 596116

Ion Ratio Lower Upper

152 100

115 52.9 24.1 72.3

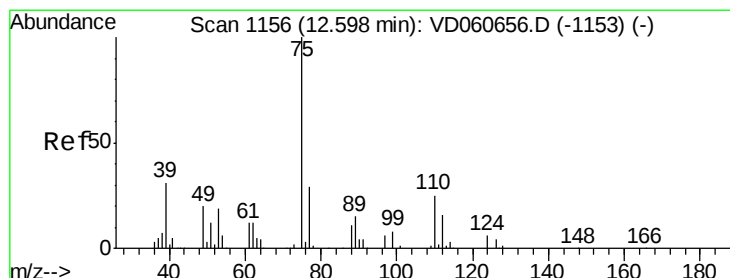
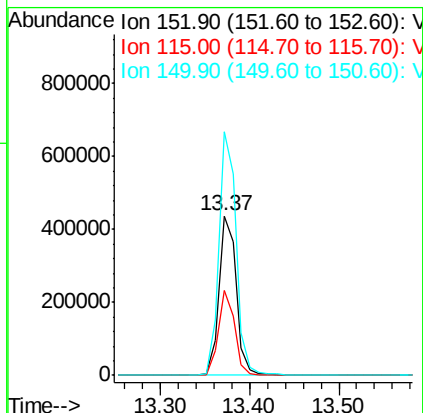
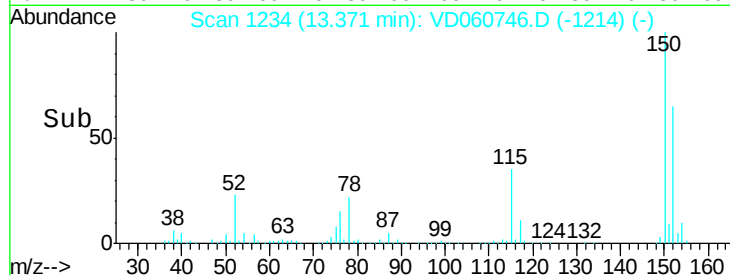
150 152.9 0.0 315.0



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



#76

1,2,3-Trichloropropane

Concen: 29.026 ug/l

RT: 12.43 min Scan# 1138

Delta R.T. -0.17 min

Lab File: VD060746.D

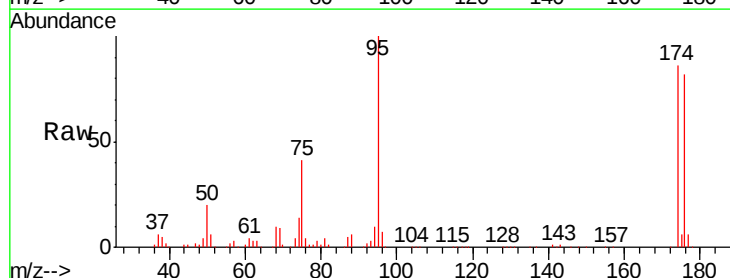
Acq: 28 Dec 2018 15:08

Tgt Ion: 75 Resp: 196993

Ion Ratio Lower Upper

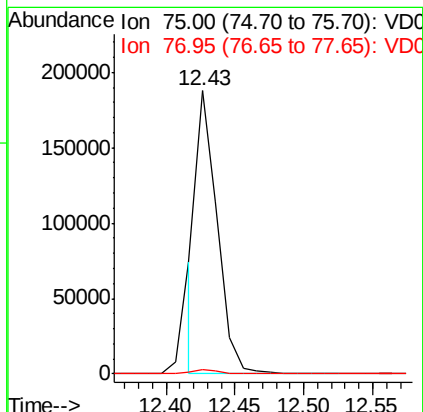
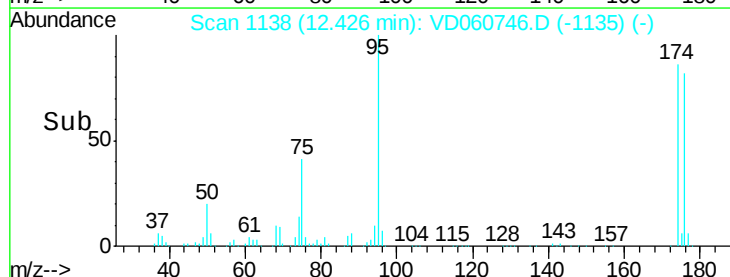
75 100

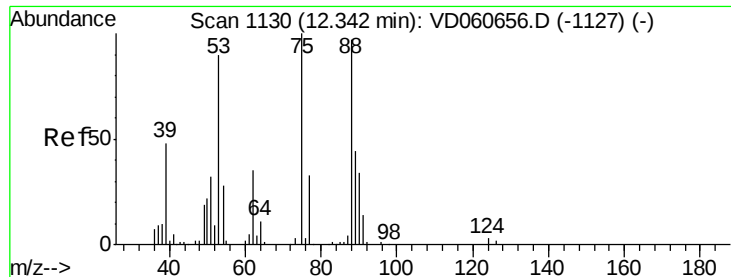
77 1.4 16.7 50.0#



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: 130.759 ug/l

RT: 12.43 min Scan# 1138

Delta R.T. 0.08 min

Lab File: VD060746.D

Acq: 28 Dec 2018 15:08

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-D

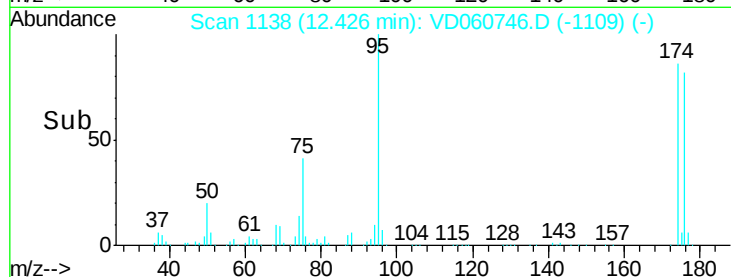
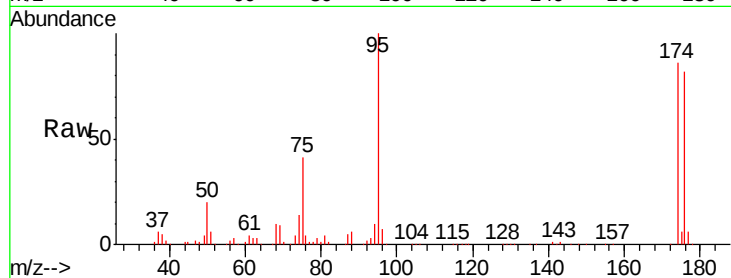
Tgt Ion: 75 Resp: 245216

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



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

250000

200000

150000

100000

50000

0

12.35 12.40 12.45 12.50

Time-->