

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
 Data File : VD060710.D
 Acq On : 26 Dec 2018 11:07
 Operator : VA/AP
 Sample : VD1226SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1226SBL01

Quant Time: Dec 27 01:48:48 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	6.39	168	1637645	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2197444	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.26	117	1779901	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	900841	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	577073	50.99	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	6.30	113	829337	51.56	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	9.43	98	2418929	50.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.41	95	884507	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

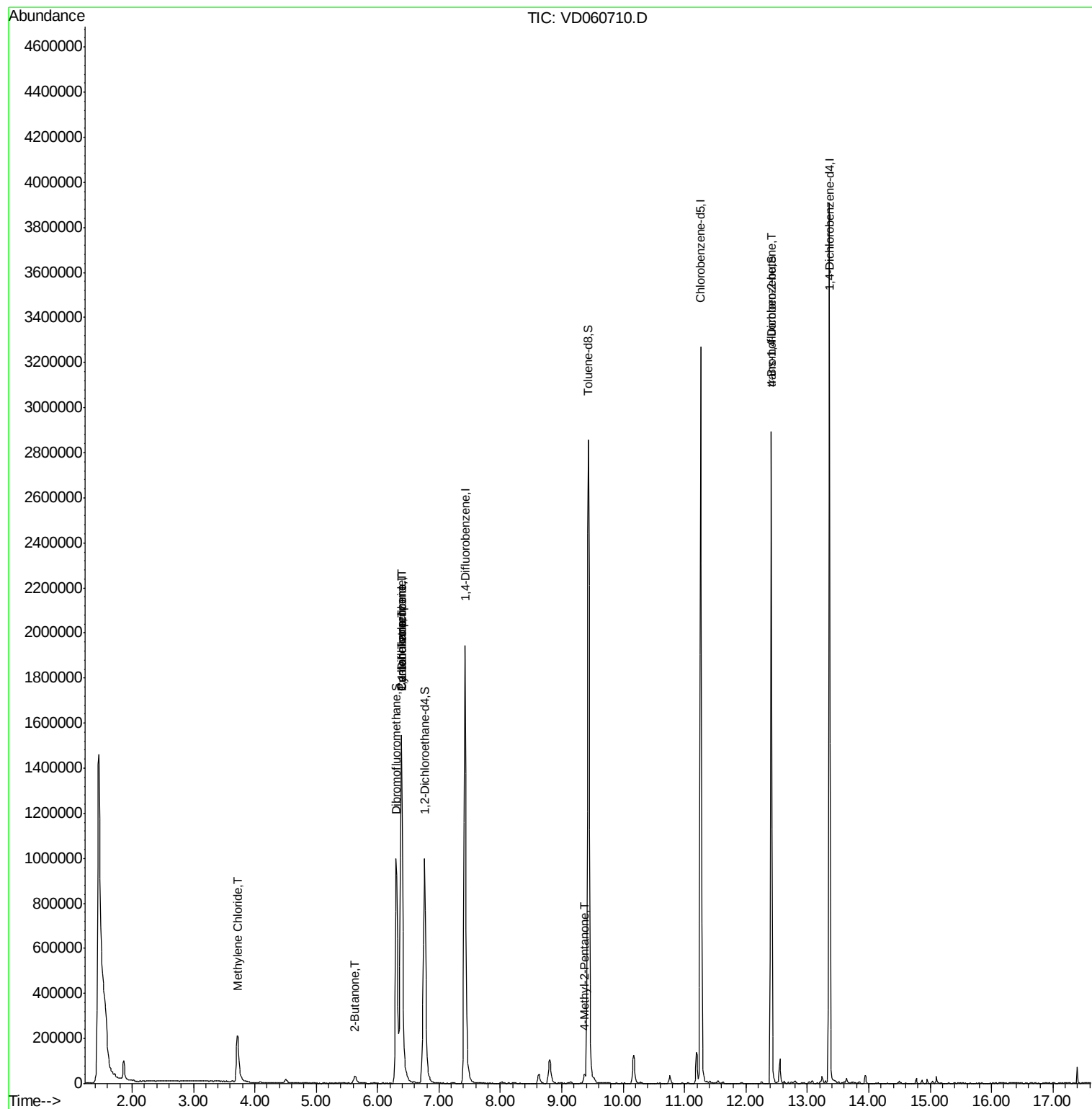
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.72	84	149706	7.294	ug/l	96
25) 2-Butanone	5.61	43	5946	1.572	ug/l #	61
31) Cyclohexane	6.38	56	34952	1.223	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	116902	5.166	ug/l #	45
38) Carbon Tetrachloride	6.39	117	126423	6.333	ug/l #	16
51) 4-Methyl-2-Pentanone	9.37	43	8897	1.196	ug/l #	80
81) trans-1,4-Dichloro-2-buten	12.41	75	349886	123.462	ug/l #	13

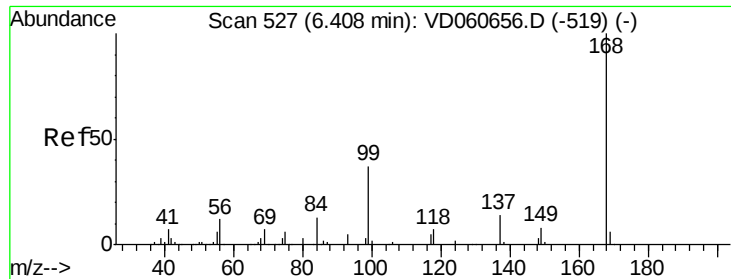
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060710.D
Acq On : 26 Dec 2018 11:07
Operator : VA/AP
Sample : VD1226SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Quant Time: Dec 27 01:48:48 2018
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: 6.39 min Scan# 525

Delta R.T. -0.02 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

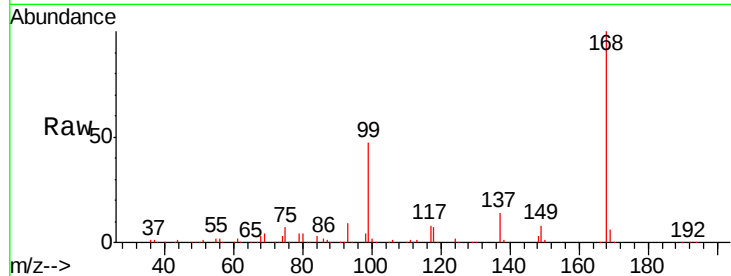
VD1226SBL01

Tgt Ion:168 Resp: 1637645

Ion Ratio Lower Upper

168 100

99 47.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

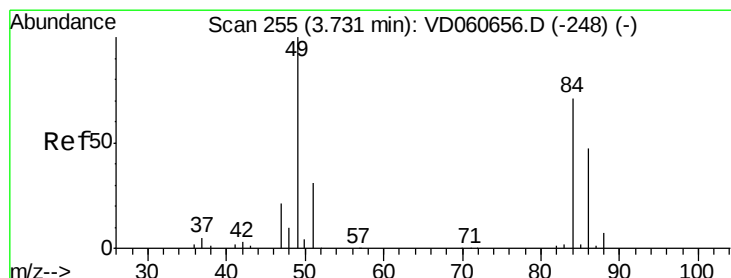
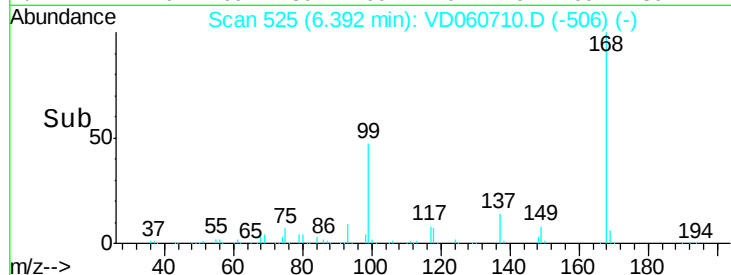
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 7.294 ug/l

RT: 3.72 min Scan# 253

Delta R.T. -0.02 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Tgt Ion: 84 Resp: 149706

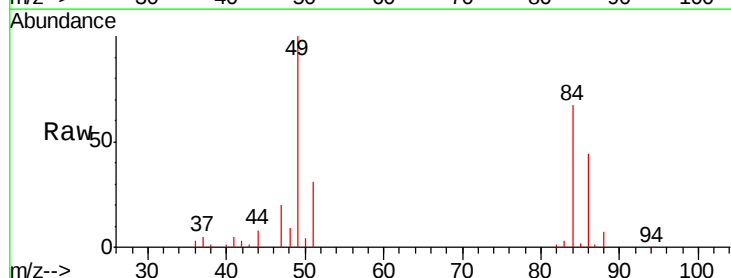
Ion Ratio Lower Upper

84 100

49 149.1 113.6 170.4

51 46.6 34.7 52.1

86 65.7 52.8 79.2



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

100000

80000

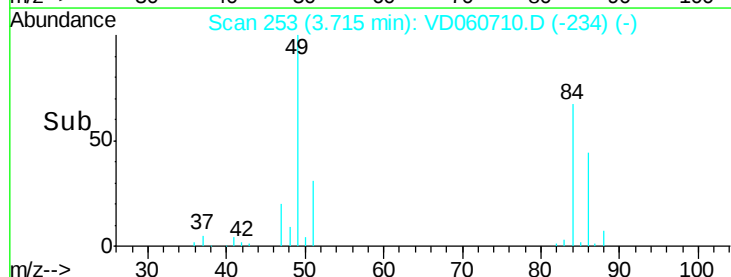
60000

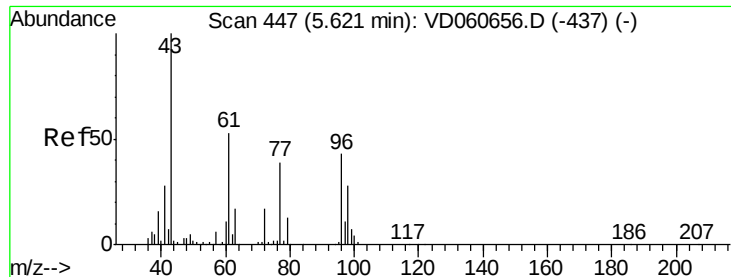
40000

20000

0

Time-->





#25

2-Butanone

Concen: 1.572 ug/l

RT: 5.61 min Scan# 446

Delta R.T. -0.01 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

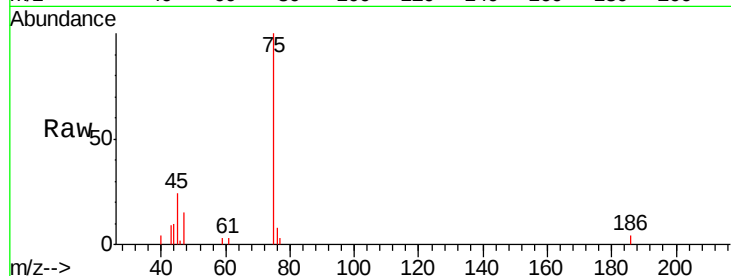
VD1226SBL01

Tgt Ion: 43 Resp: 5946

Ion Ratio Lower Upper

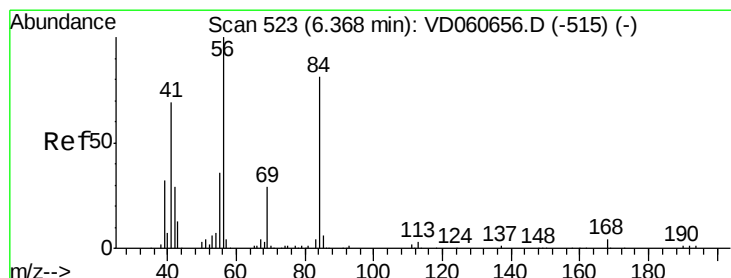
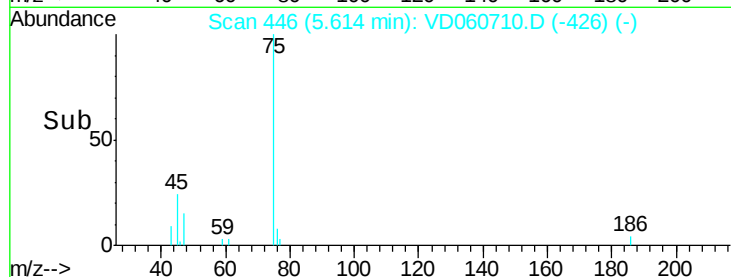
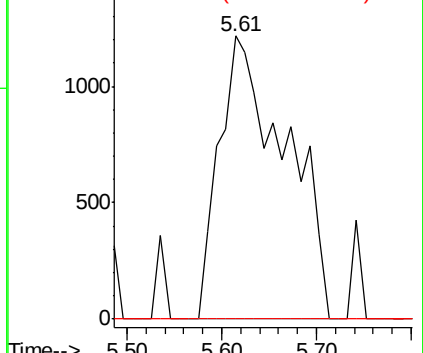
43 100

72 0.0 13.7 20.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.223 ug/l

RT: 6.38 min Scan# 524

Delta R.T. 0.01 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

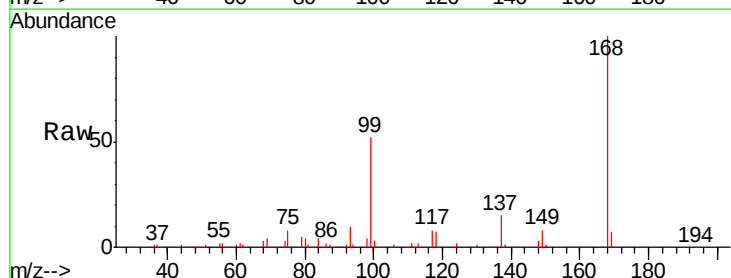
Tgt Ion: 56 Resp: 34952

Ion Ratio Lower Upper

56 100

69 208.7 23.6 35.4#

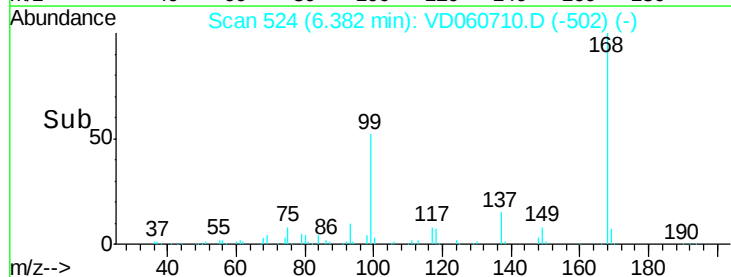
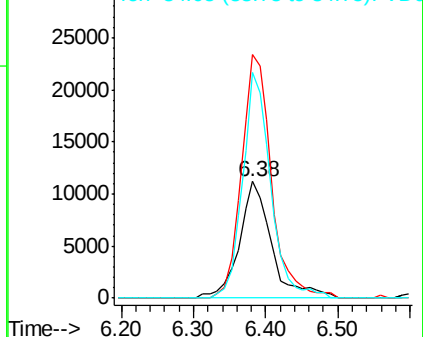
84 193.5 65.8 98.6#

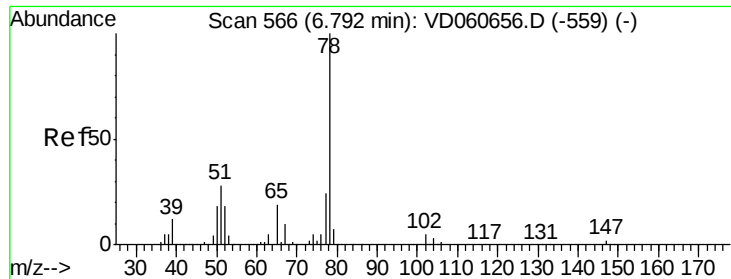


Abundance Ion 55.95 (55.65 to 56.65): VDC

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: 6.77 min Scan# 563

Delta R.T. -0.03 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

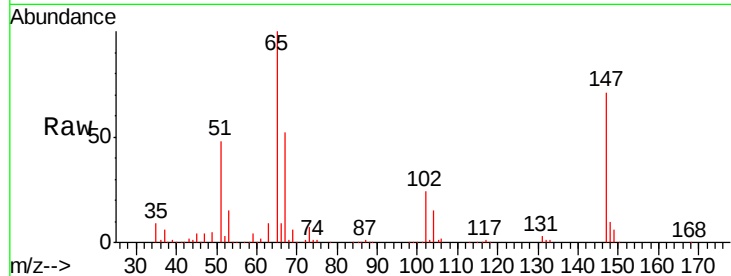
VD1226SBL01

Tgt Ion: 65 Resp: 577073

Ion Ratio Lower Upper

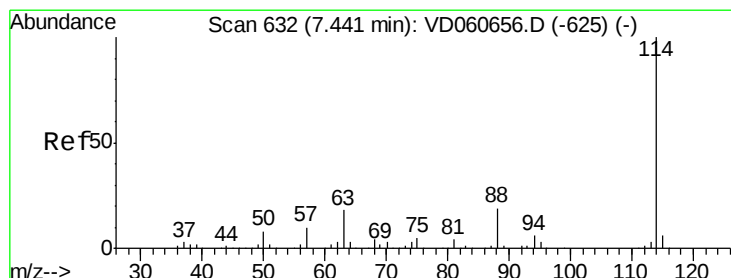
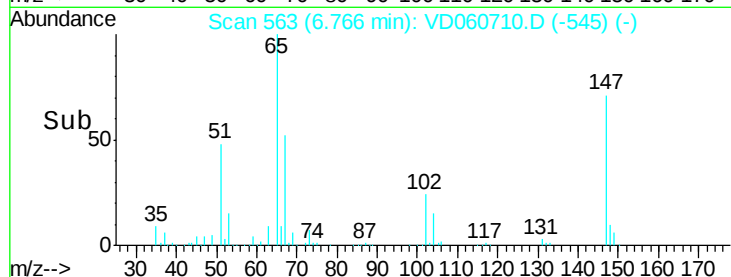
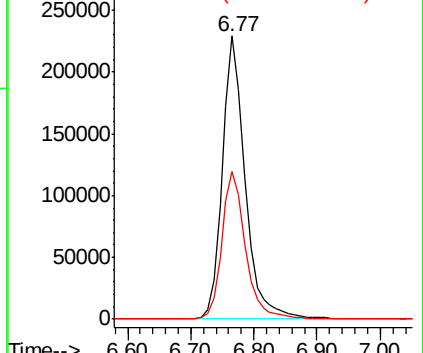
65 100

67 52.3 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: 7.43 min Scan# 630

Delta R.T. -0.02 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

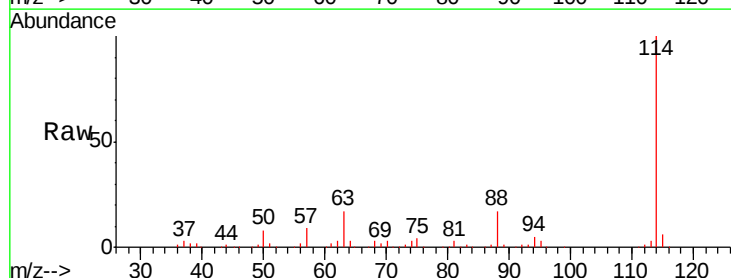
Tgt Ion: 114 Resp: 2197444

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.2

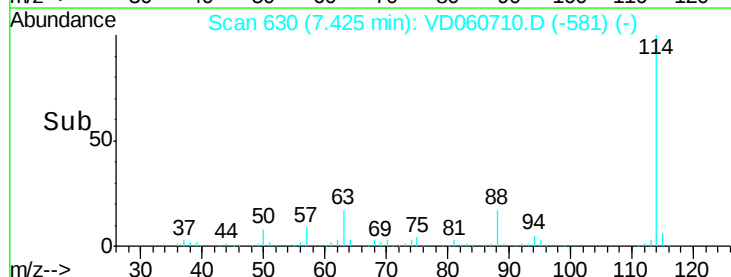
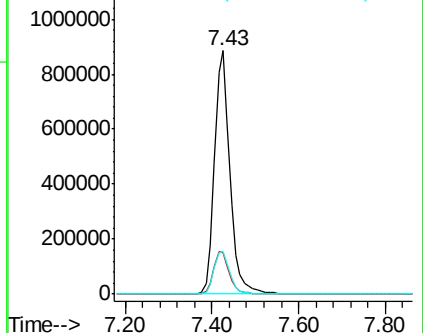
88 17.5 0.0 37.0

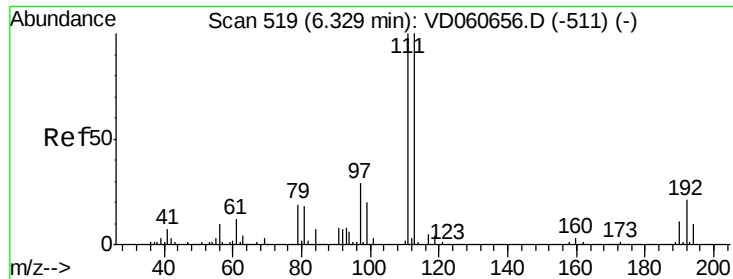


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

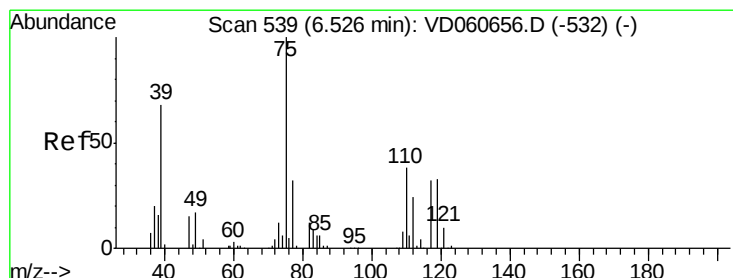
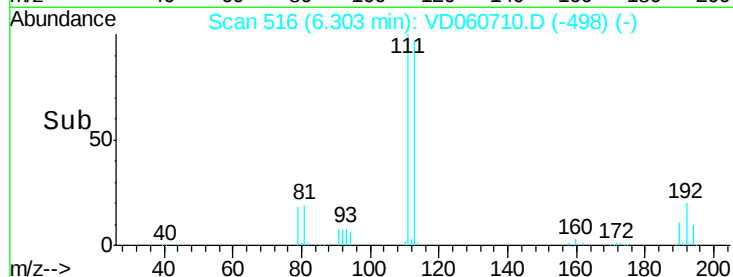
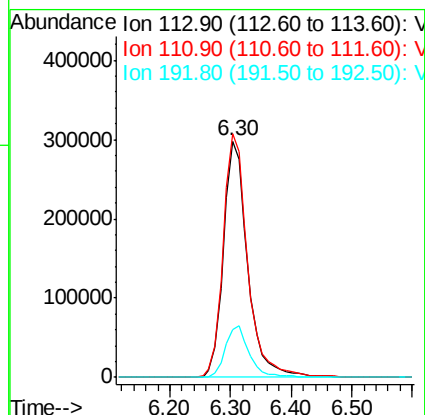
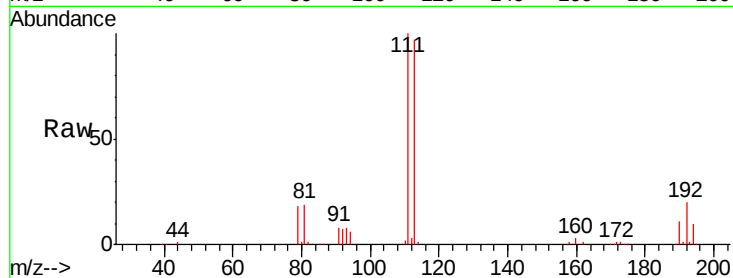




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: VD060710.D
 Acq: 26 Dec 2018 11:07

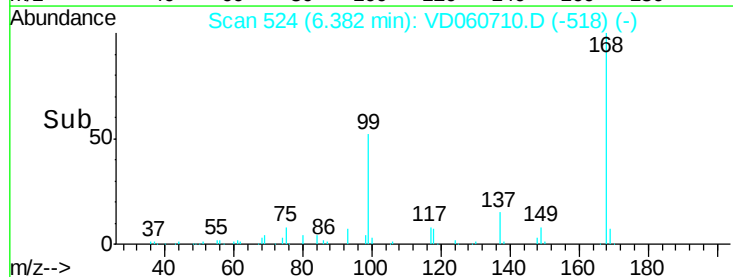
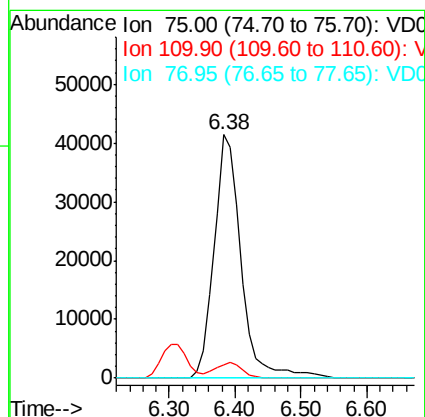
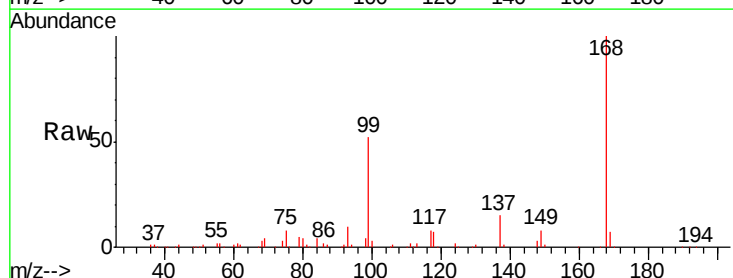
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1226SBL01

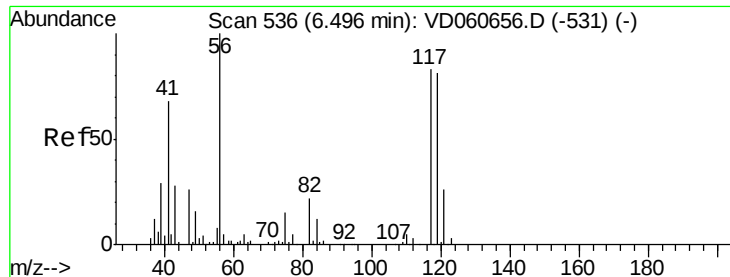
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.0	120.0
192	20.5	16.6	25.0



#36
 1,1-Dichloropropene
 Concen: 5.166 ug/l
 RT: 6.38 min Scan# 524
 Delta R.T. -0.14 min
 Lab File: VD060710.D
 Acq: 26 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.9	56.7#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.333 ug/l

RT: 6.39 min Scan# 525

Delta R.T. -0.10 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1226SBL01

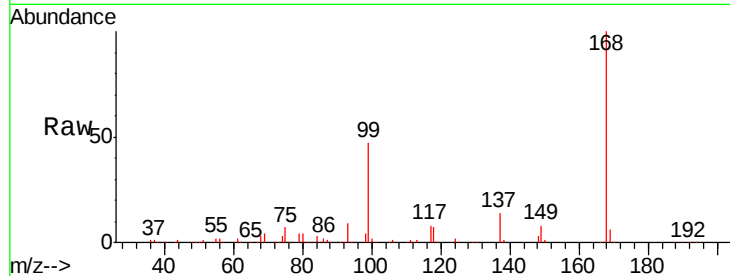
Tgt Ion:117 Resp: 126423

Ion Ratio Lower Upper

117 100

119 4.8 77.0 115.4#

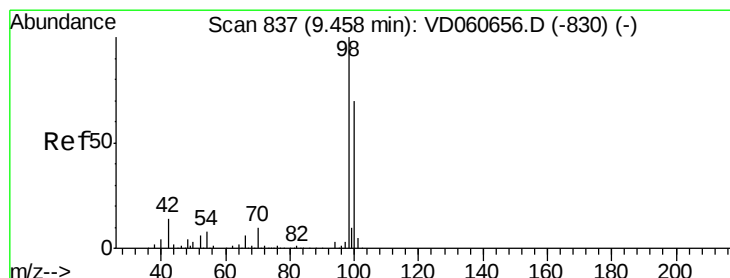
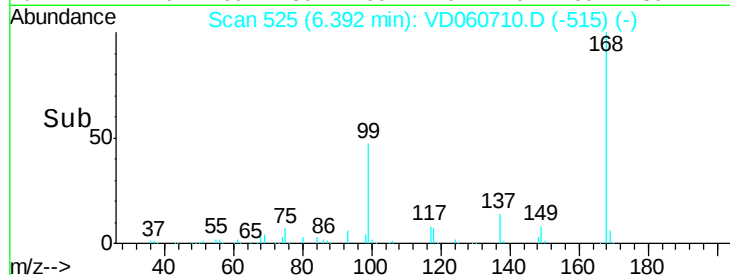
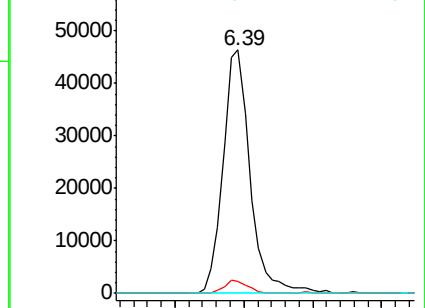
121 0.0 24.7 37.1#



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: 9.43 min Scan# 834

Delta R.T. -0.03 min

Lab File: VD060710.D

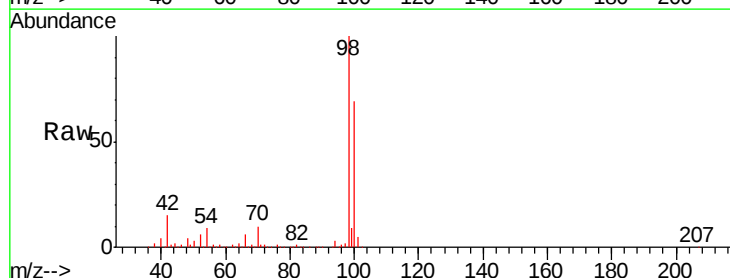
Acq: 26 Dec 2018 11:07

Tgt Ion: 98 Resp: 2418929

Ion Ratio Lower Upper

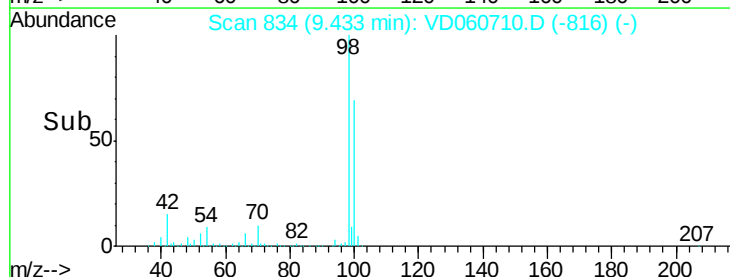
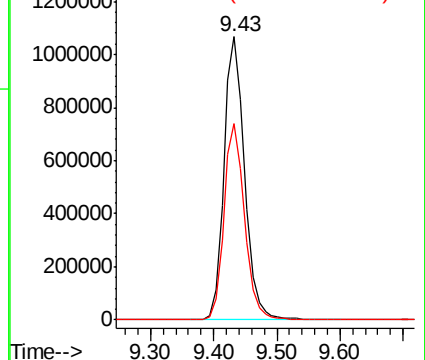
98 100

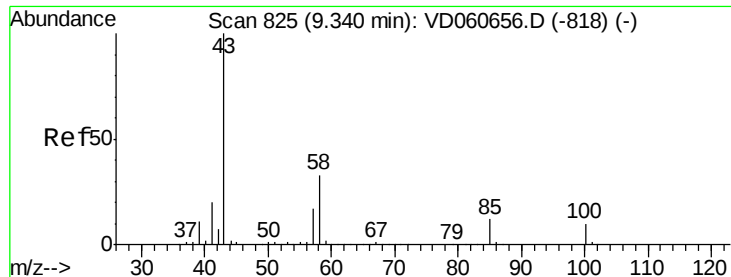
100 69.3 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.196 ug/l

RT: 9.37 min Scan# 828

Delta R.T. 0.03 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

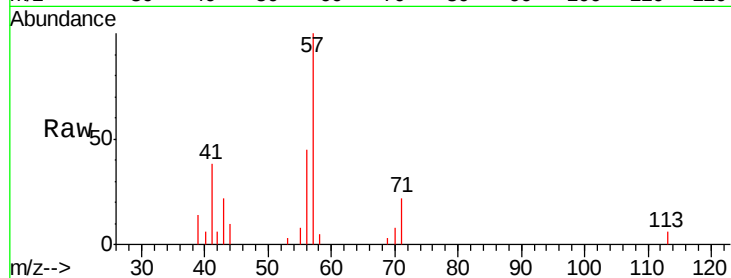
VD1226SBL01

Tgt Ion: 43 Resp: 8897

Ion Ratio Lower Upper

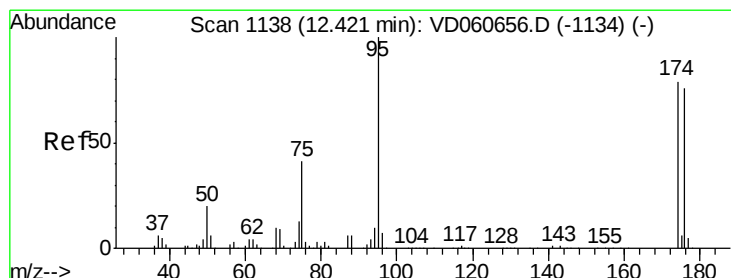
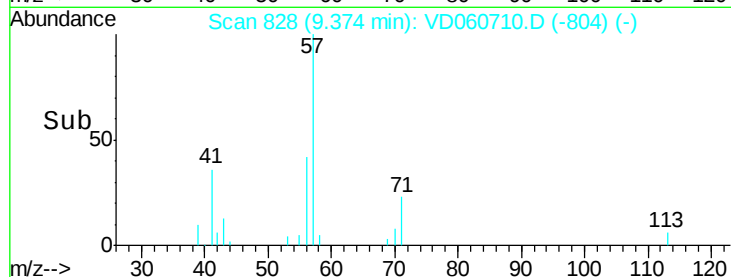
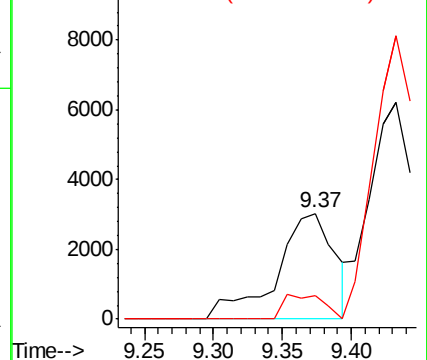
43 100

58 21.9 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.41 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

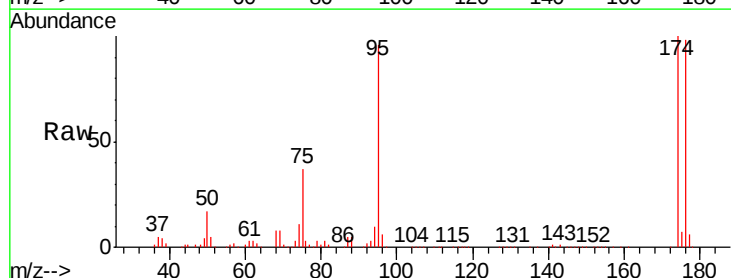
Tgt Ion: 95 Resp: 884507

Ion Ratio Lower Upper

95 100

174 104.2 0.0 158.2

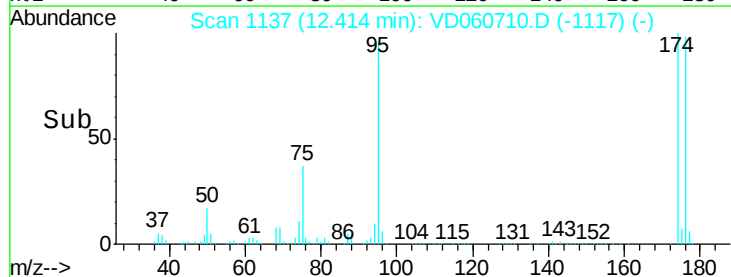
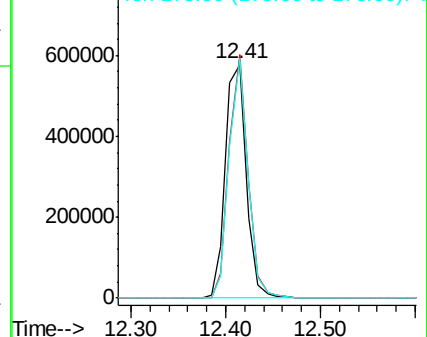
176 102.4 0.0 152.4

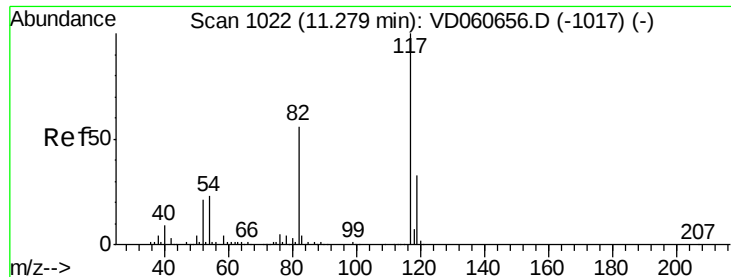


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

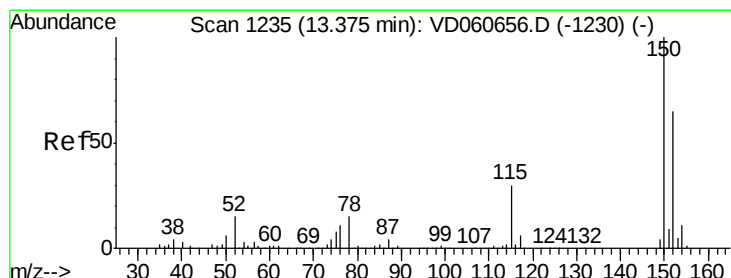
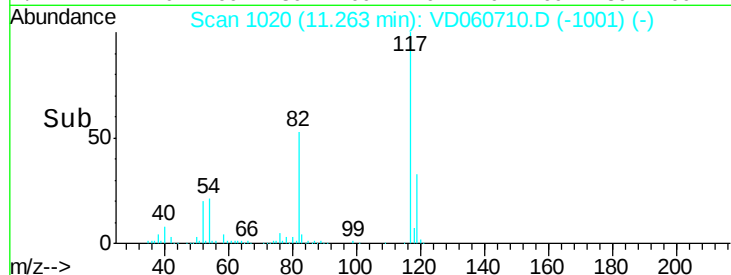
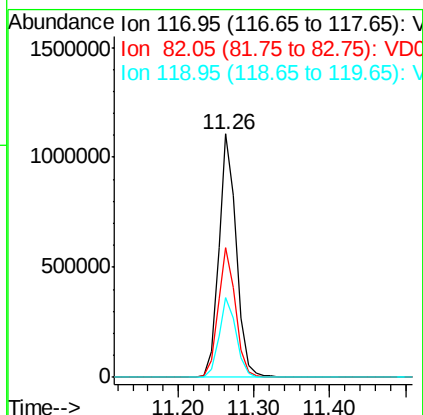
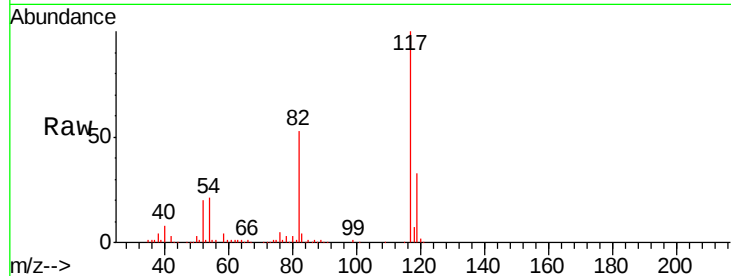




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

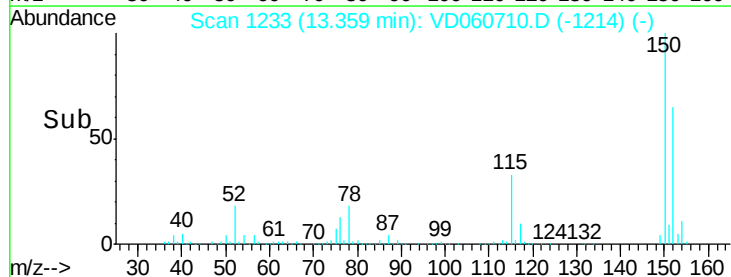
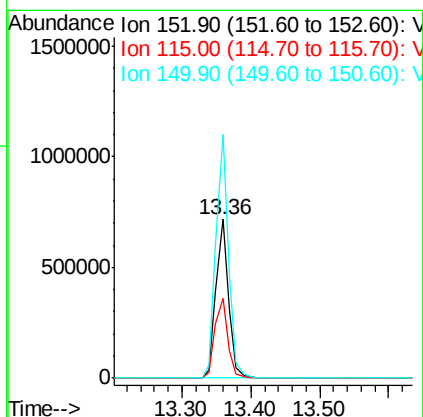
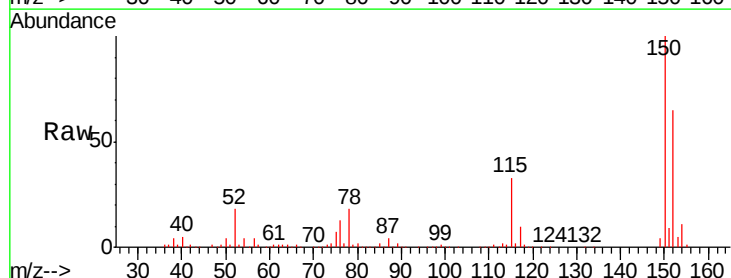
Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

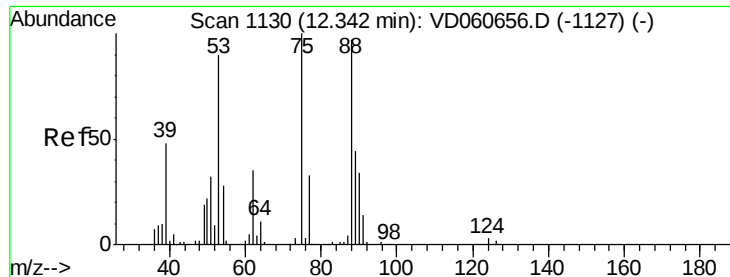
Tgt Ion:117 Resp: 1779901
Ion Ratio Lower Upper
117 100
82 53.1 44.5 66.7
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion:152 Resp: 900841
Ion Ratio Lower Upper
152 100
115 50.5 24.1 72.3
150 153.3 0.0 315.0





#81

trans-1,4-Dichloro-2-butene

Concen: 123.462 ug/l

RT: 12.41 min Scan# 1137

Delta R.T. 0.07 min

Lab File: VD060710.D

Acq: 26 Dec 2018 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1226SBL01

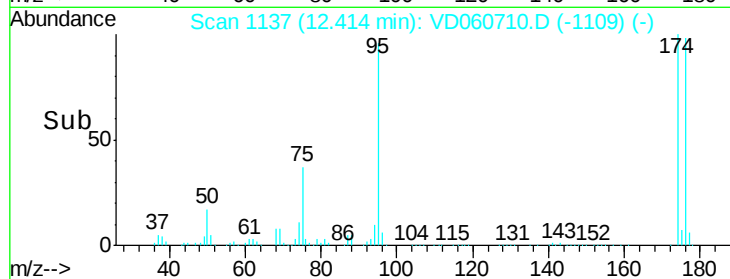
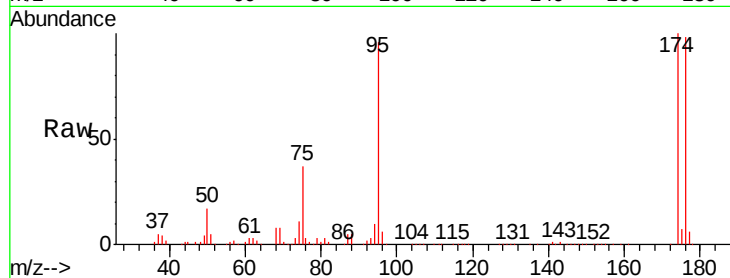
Tgt Ion: 75 Resp: 349886

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

