

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060435.D
 Acq On : 21 Nov 2018 11:37
 Operator : JC/SY
 Sample : VD1121SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBL01

Quant Time: Nov 21 14:00:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1382865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1885839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1501999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	741217	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	517712	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	6.33	113	745119	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	9.46	98	2135915	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.43	95	770305	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	

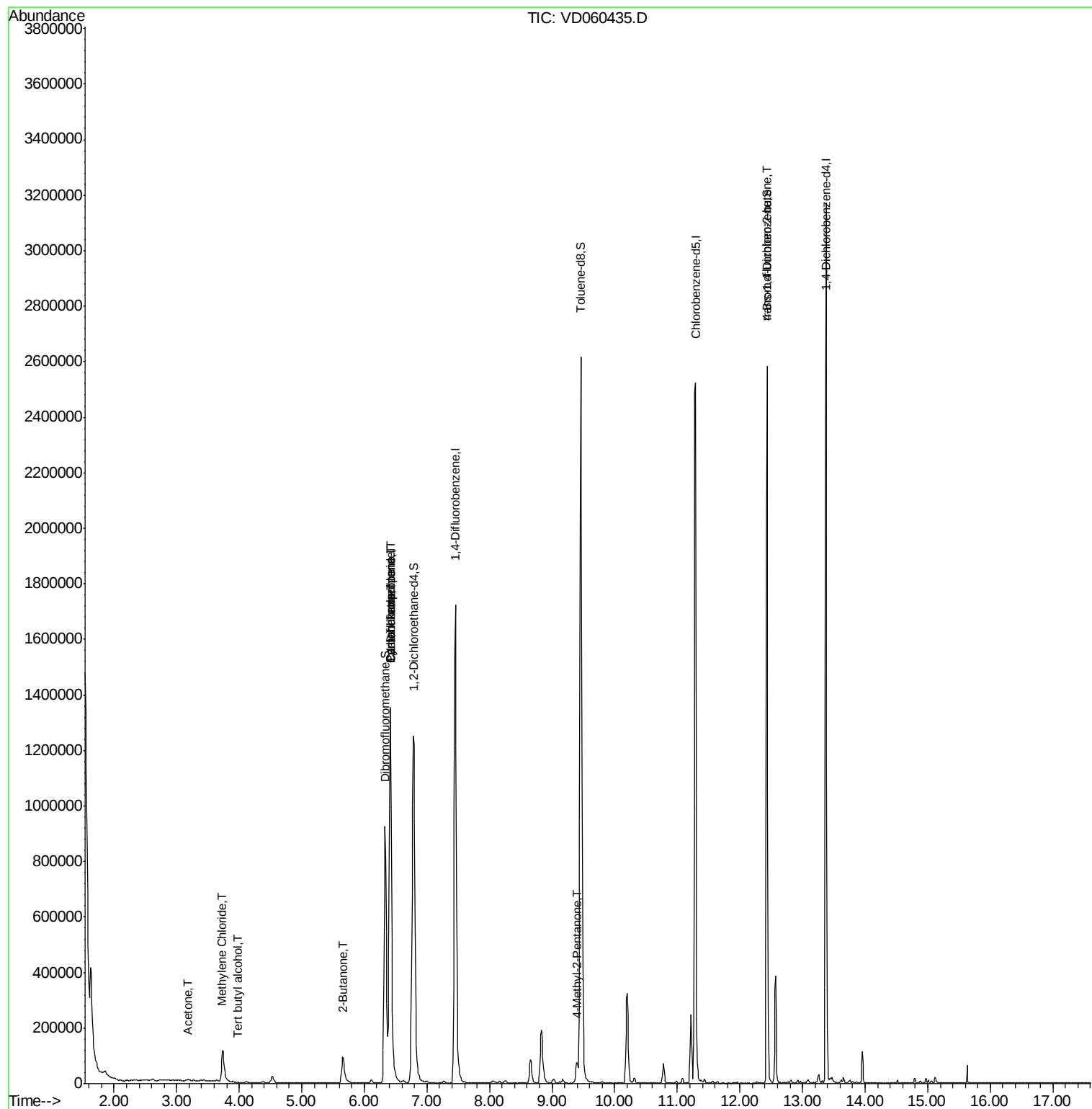
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.63	85	9928	Below Cal		75
11) Tert butyl alcohol	3.99	59	1323	3.25 ug/l	#	70
16) Acetone	3.17	43	11152	6.49 ug/l		94
20) Methylene Chloride	3.73	84	76309	5.01 ug/l		97
25) 2-Butanone	5.65	43	8290	2.32 ug/l	#	60
31) Cyclohexane	6.41	56	30987	1.31 ug/l	#	1
36) 1,1-Dichloropropene	6.41	75	95465	5.12 ug/l	#	48
38) Carbon Tetrachloride	6.42	117	105870	6.13 ug/l	#	16
51) 4-Methyl-2-Pentanone	9.39	43	19000	2.71 ug/l	#	87
81) trans-1,4-Dichloro-2-buten	12.43	75	302604	119.88 ug/l	#	15
89) n-Butylbenzene	13.65	91	4215	Below Cal		90

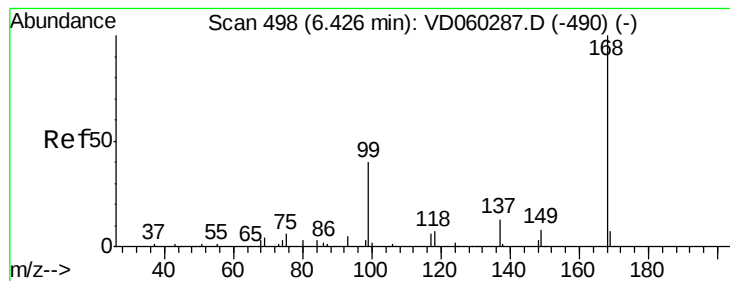
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_D

ClientSampleId :

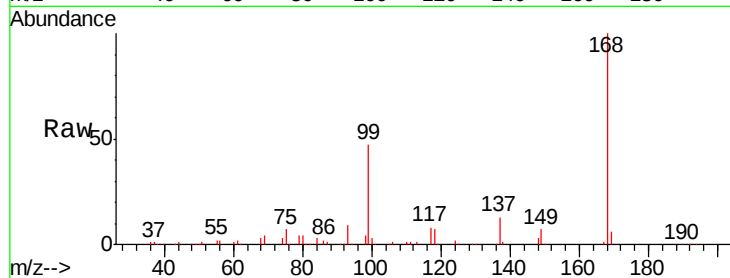
VD1121SBL01

Tgt Ion:168 Resp: 1382865

Ion Ratio Lower Upper

168 100

99 47.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

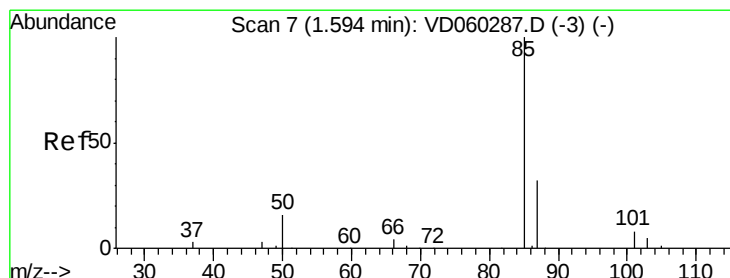
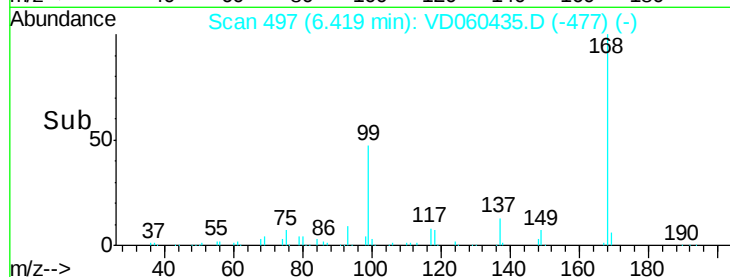
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.63 min Scan# 10

Delta R.T. 0.03 min

Lab File: VD060435.D

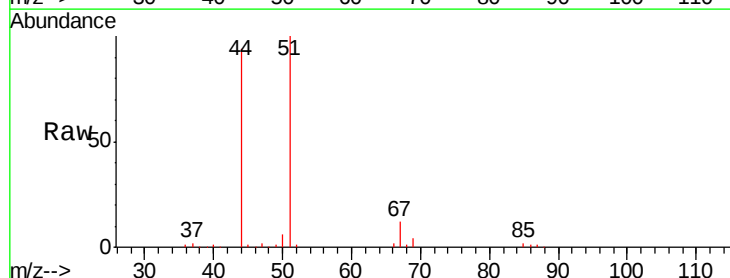
Acq: 21 Nov 2018 11:37

Tgt Ion: 85 Resp: 9928

Ion Ratio Lower Upper

85 100

87 48.0 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.63

3000

2500

2000

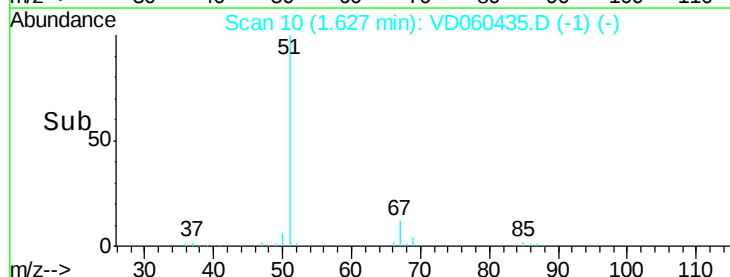
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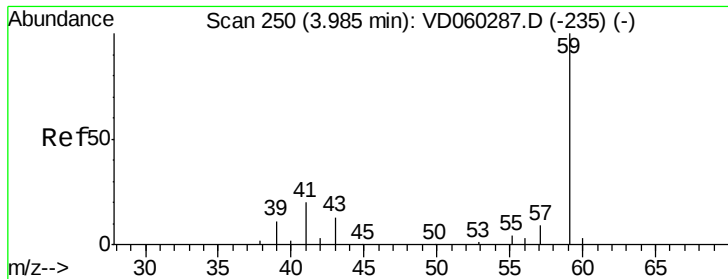
1000

500

0

Time-->

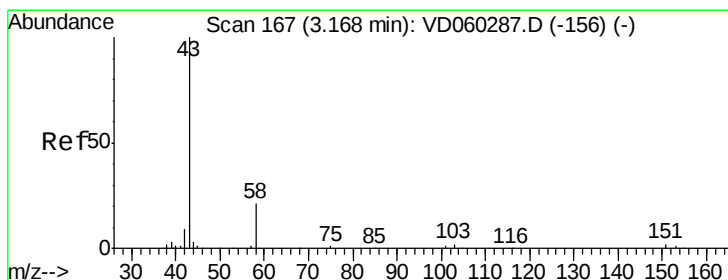
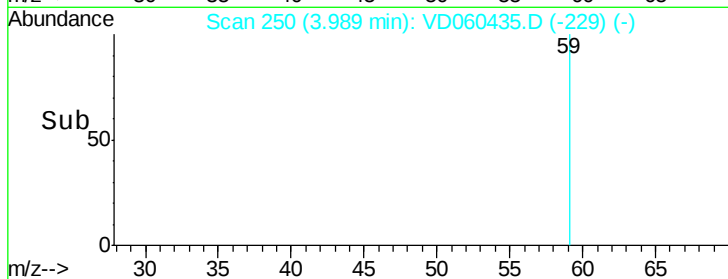
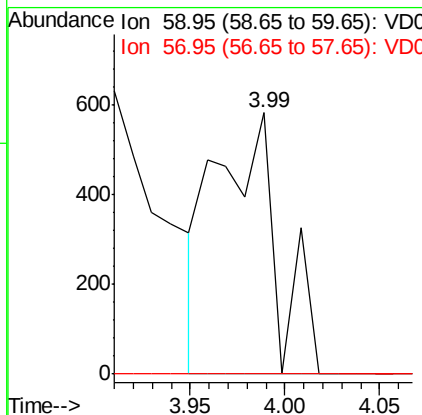
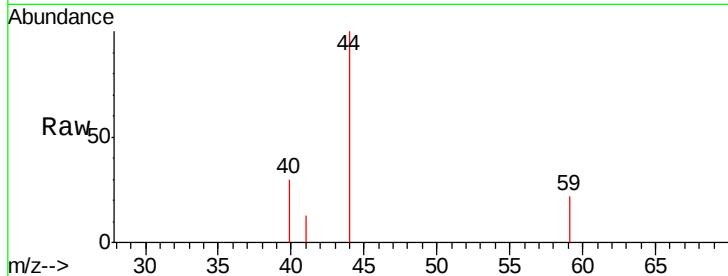




#11
Tert butyl alcohol
Concen: 3.25 ug/l
RT: 3.99 min Scan# 250
Delta R.T. 0.00 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

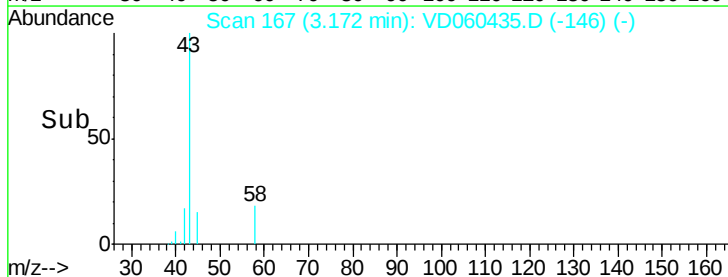
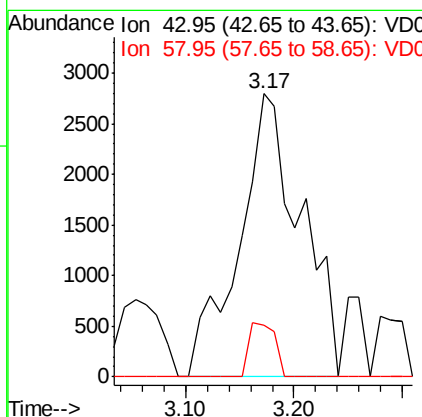
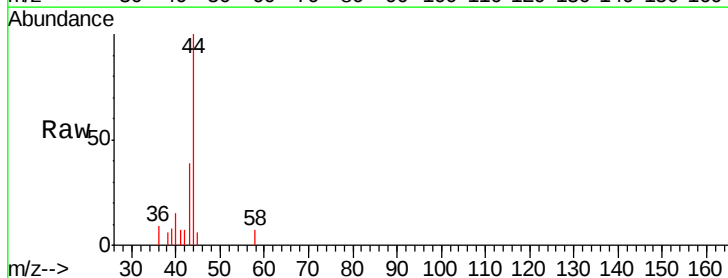
Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

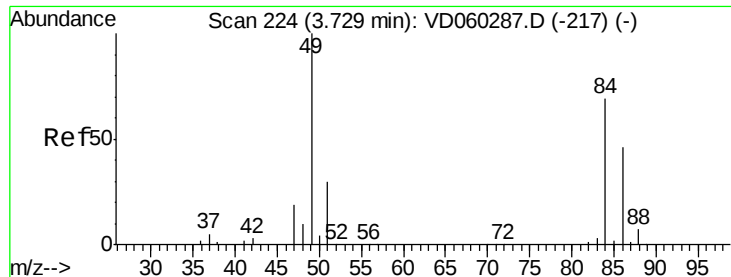
Tgt Ion: 59 Resp: 1323
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#16
Acetone
Concen: 6.49 ug/l
RT: 3.17 min Scan# 167
Delta R.T. 0.00 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

Tgt Ion: 43 Resp: 11152
Ion Ratio Lower Upper
43 100
58 18.1 16.9 25.3

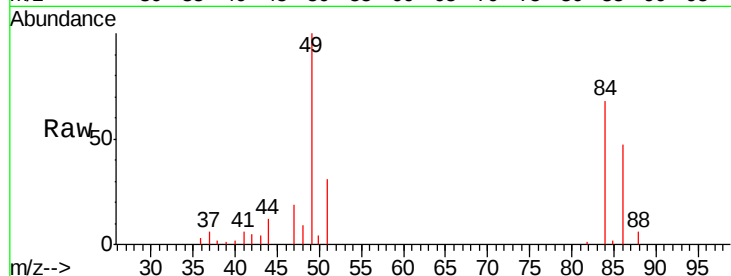




#20
Methylene Chloride
Concen: 5.01 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

Tgt Ion:	84	Resp:	76309
Ion	Ratio	Lower	Upper
84	100		
49	146.6	115.6	173.4
51	45.3	35.6	53.4
86	69.5	52.3	78.5

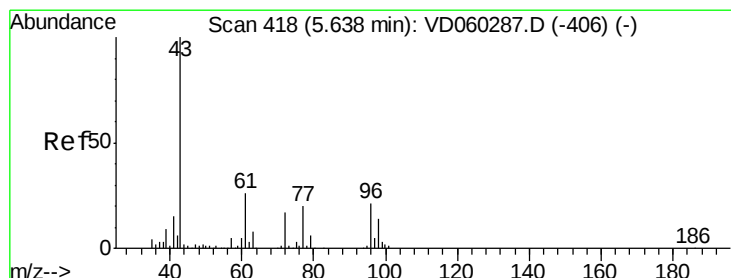
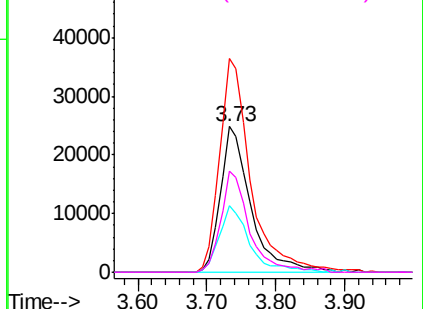
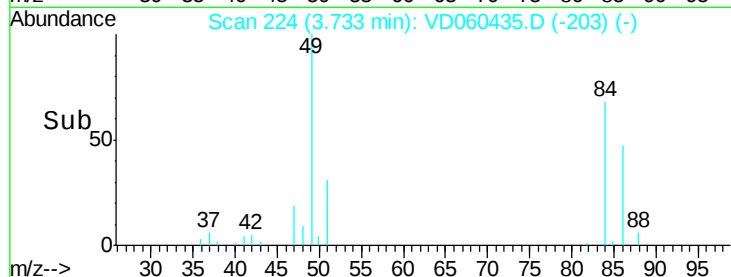


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

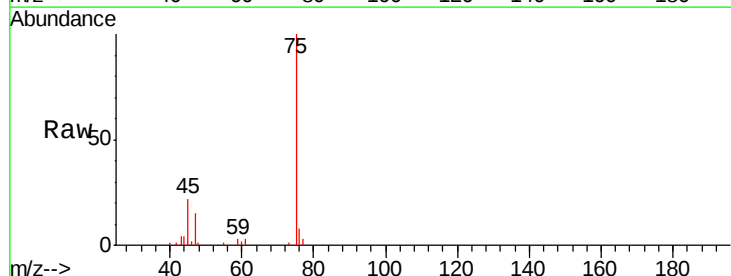
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



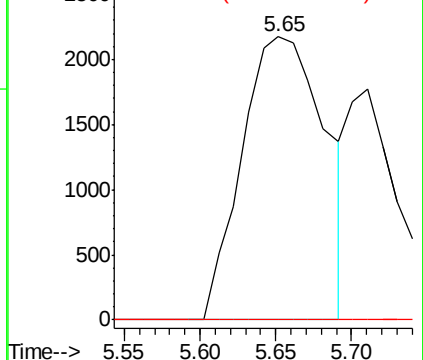
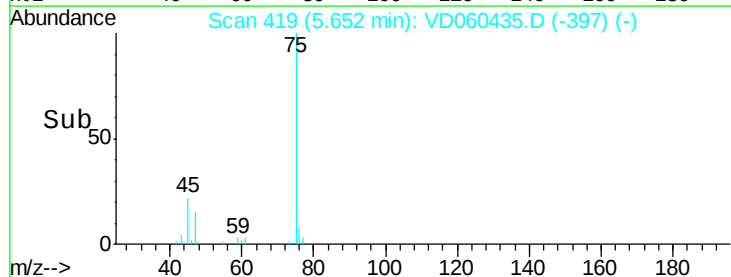
#25
2-Butanone
Concen: 2.32 ug/l
RT: 5.65 min Scan# 419
Delta R.T. 0.01 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

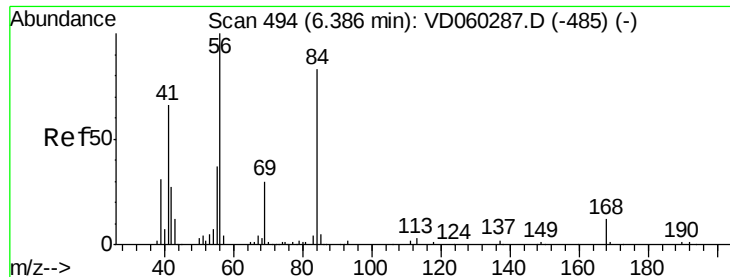
Tgt Ion:	43	Resp:	8290
Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

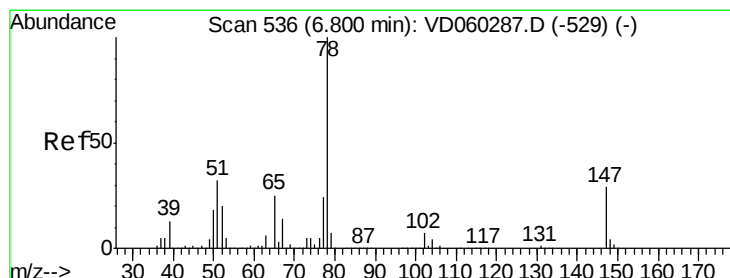
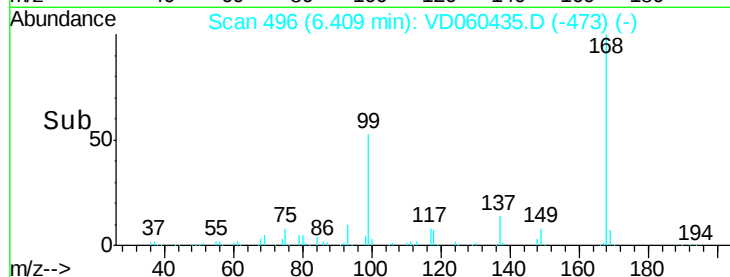
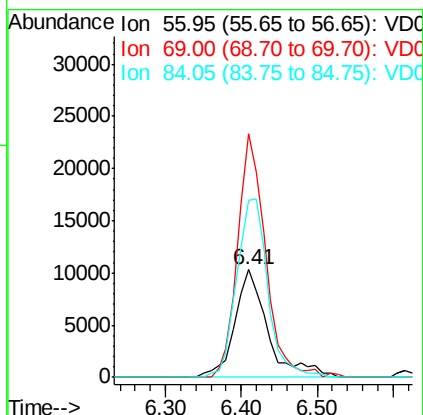
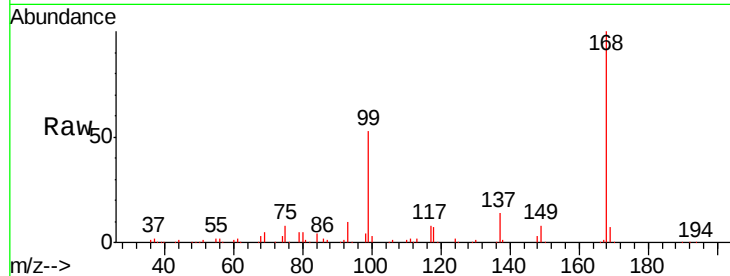




#31
Cyclohexane
Concen: 1.31 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

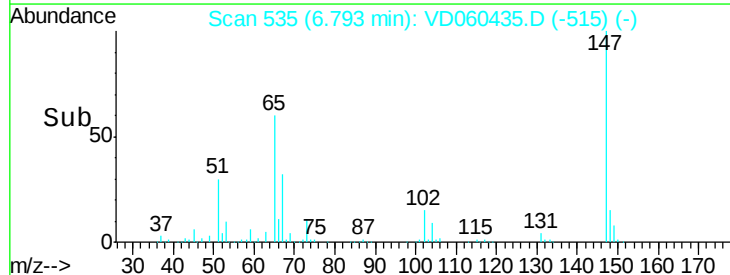
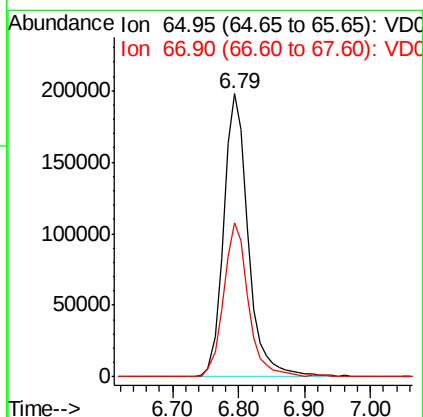
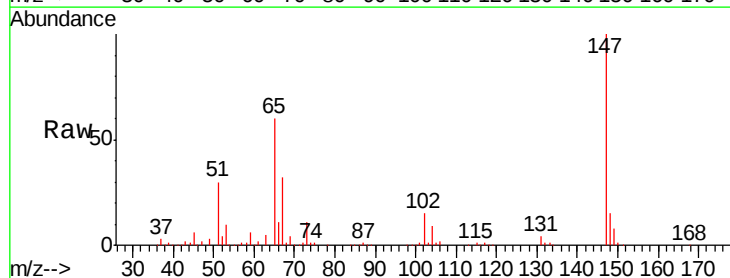
Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

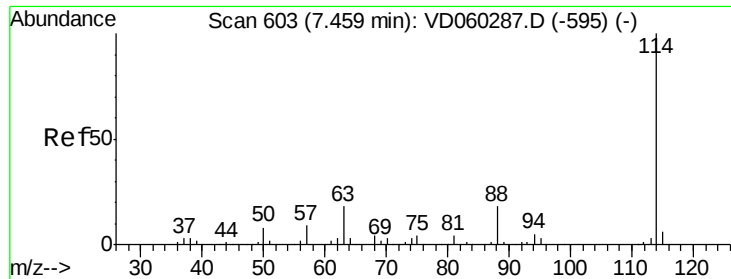
Tgt Ion	Resp	Lower	Upper
56	100		
69	225.8	22.2	33.2#
84	163.8	63.0	94.4#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.3	0.0	109.8

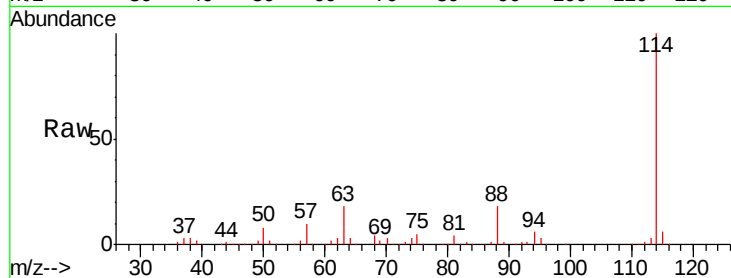




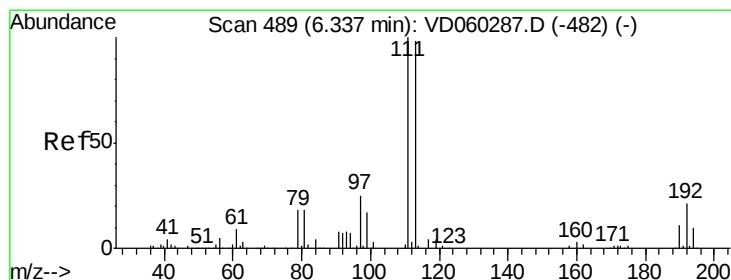
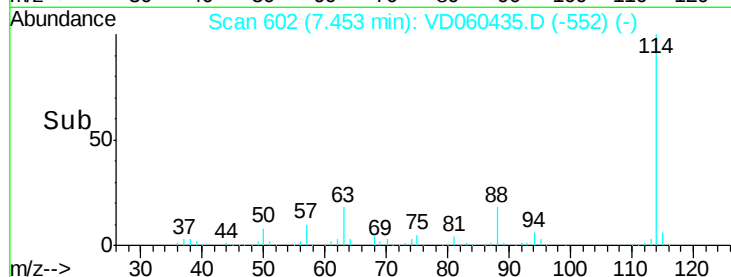
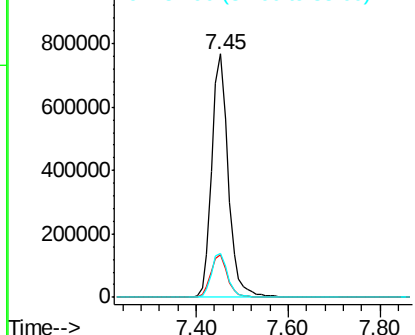
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060435.D
 Acq: 21 Nov 2018 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1121SBL01

Tgt Ion:114 Resp: 1885839
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 18.2 0.0 35.4

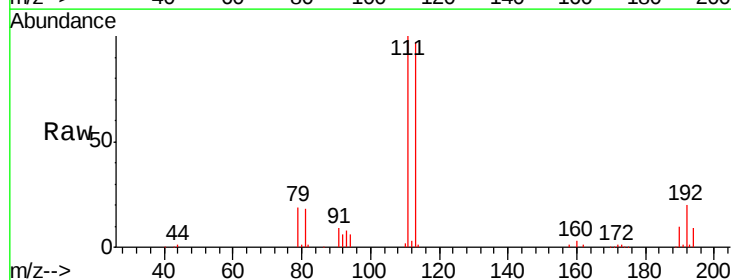


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

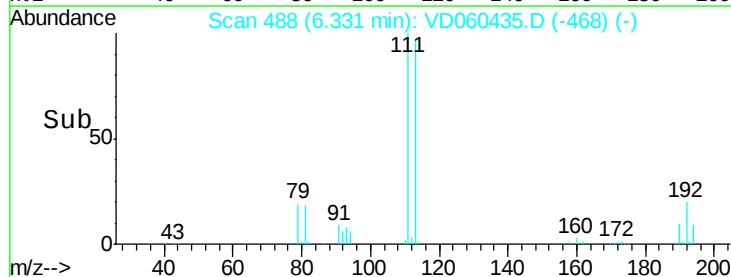
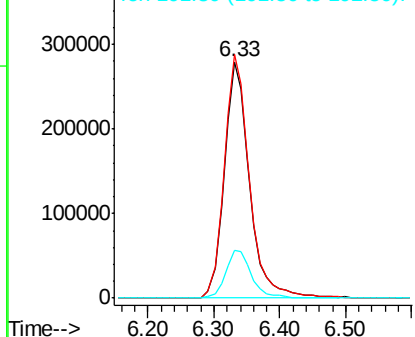


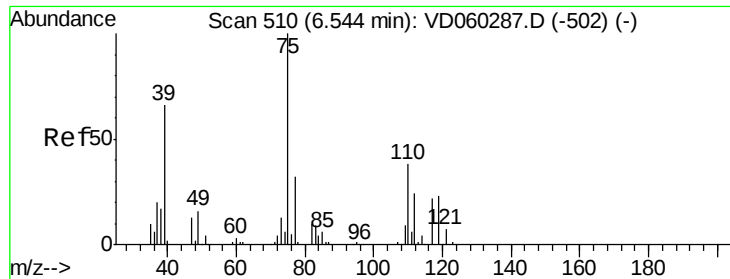
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060435.D
 Acq: 21 Nov 2018 11:37

Tgt Ion:113 Resp: 745119
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.6 122.4
 192 20.5 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: 5.12 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.13 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1121SBL01

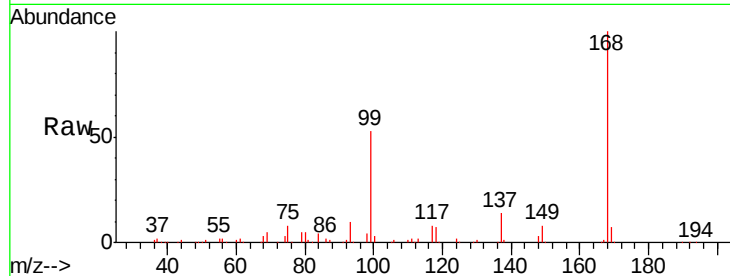
Tgt Ion: 75 Resp: 95465

Ion Ratio Lower Upper

75 100

110 8.0 18.0 54.0#

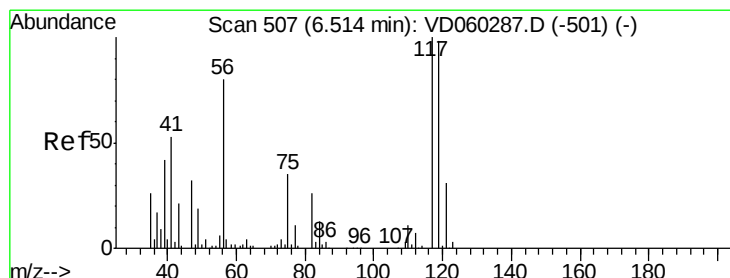
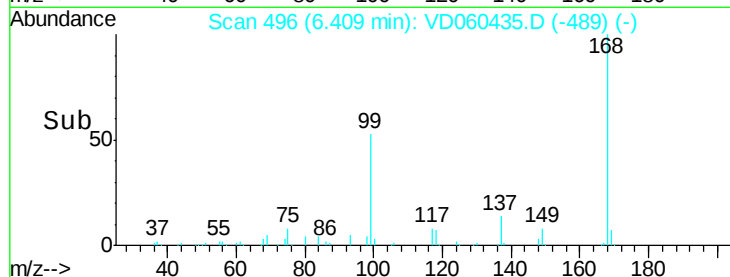
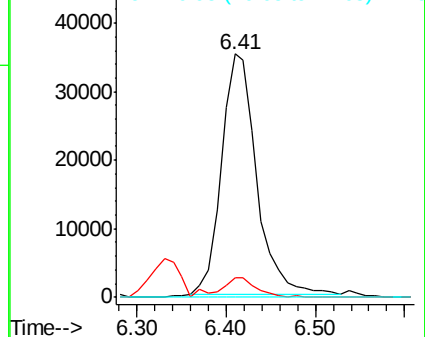
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 6.13 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.09 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

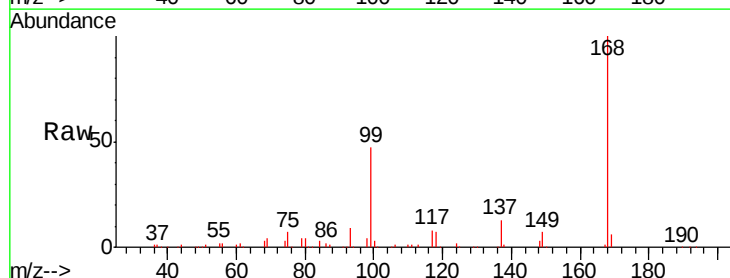
Tgt Ion: 117 Resp: 105870

Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

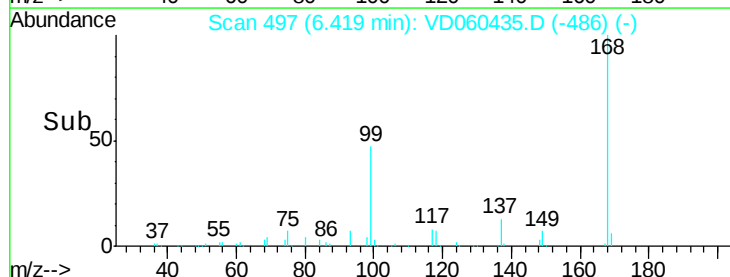
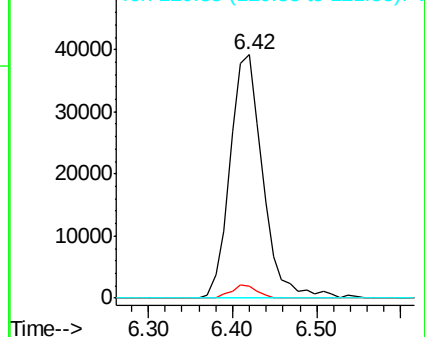
121 0.0 24.3 36.5#

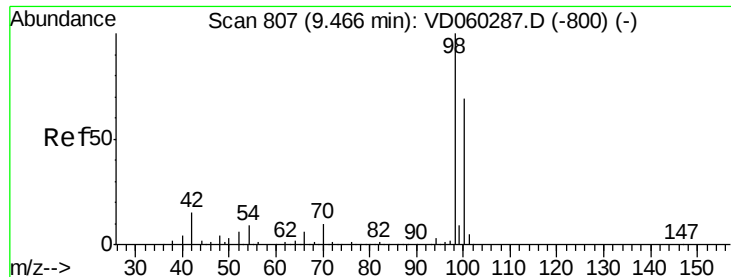


Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 118.85 (118.55 to 119.55): VDC

Ion 120.85 (120.55 to 121.55): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_D

ClientSampleId :

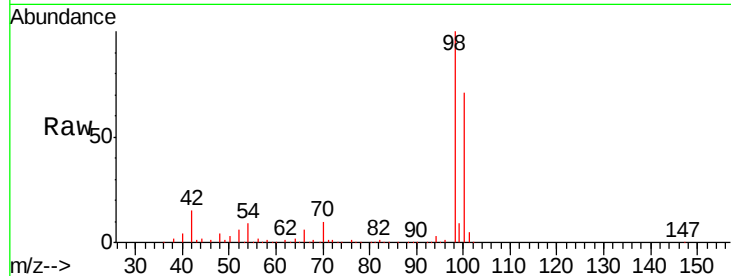
VD1121SBL01

Tgt Ion: 98 Resp: 2135915

Ion Ratio Lower Upper

98 100

100 70.9 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060435.D (-786) (-)

Ion 100.05 (99.75 to 100.75): VD060435.D (-786) (-)

9.46

1000000

800000

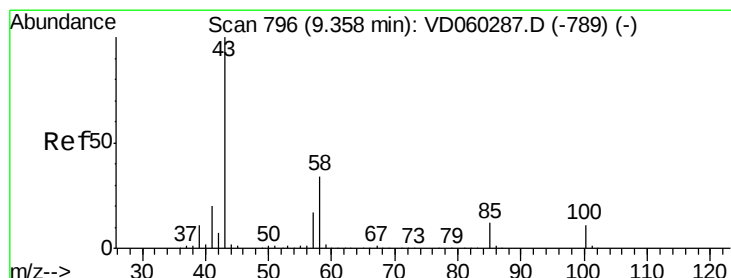
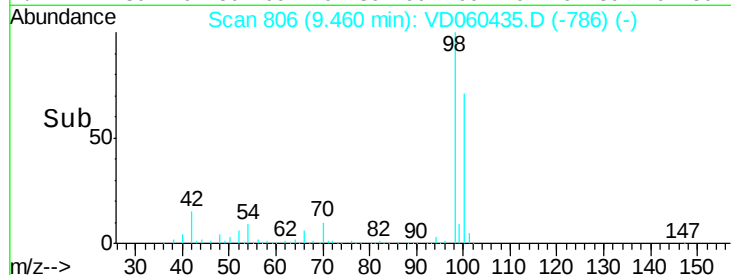
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.71 ug/l

RT: 9.39 min Scan# 799

Delta R.T. 0.03 min

Lab File: VD060435.D

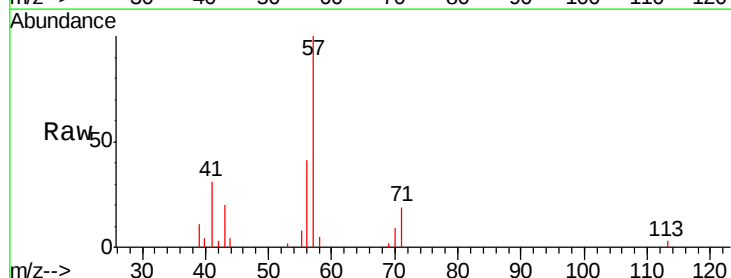
Acq: 21 Nov 2018 11:37

Tgt Ion: 43 Resp: 19000

Ion Ratio Lower Upper

43 100

58 25.5 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VD060435.D (-775) (-)

Ion 57.95 (57.65 to 58.65): VD060435.D (-775) (-)

9.39

8000

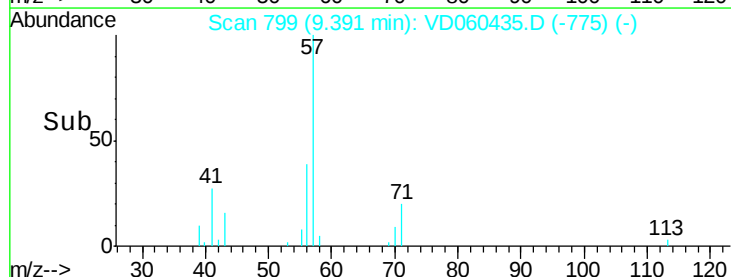
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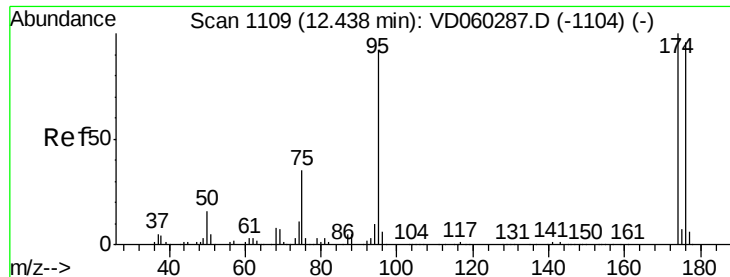
4000

2000

0

Time-->

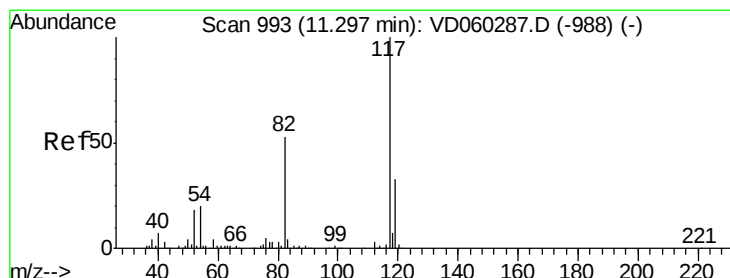
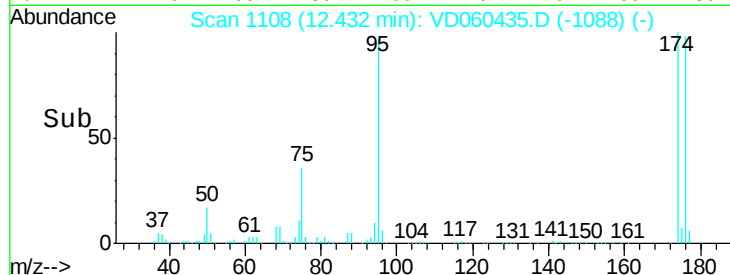
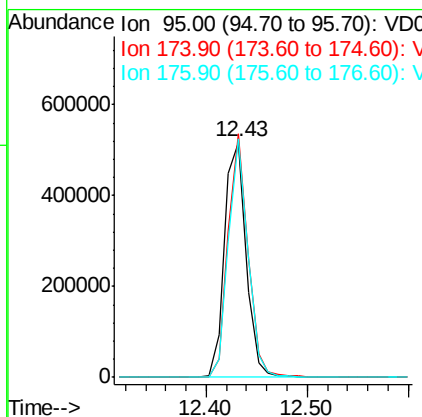
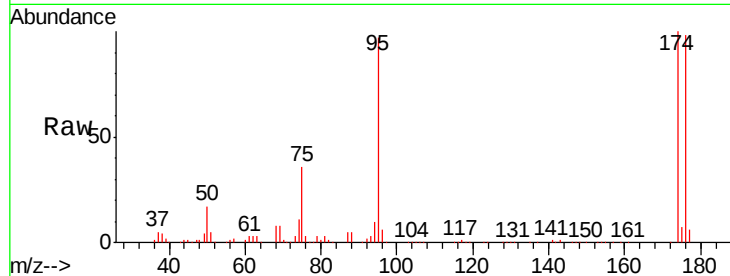




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

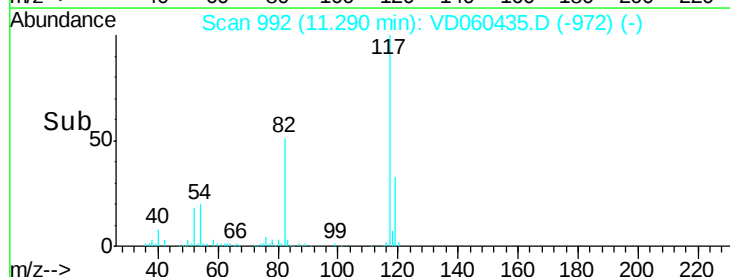
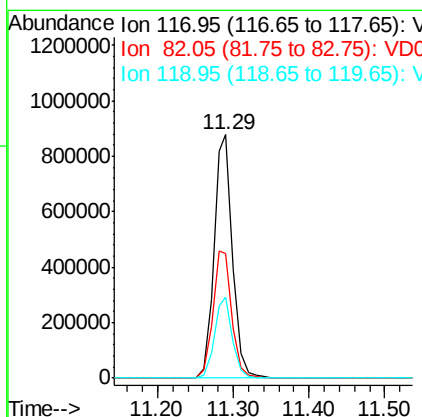
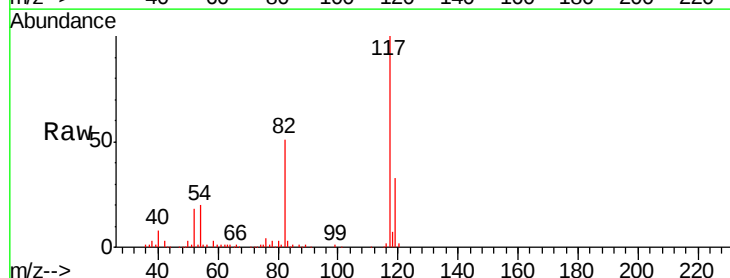
Instrument :
MSVOA_D
ClientSampleId :
VD1121SBL01

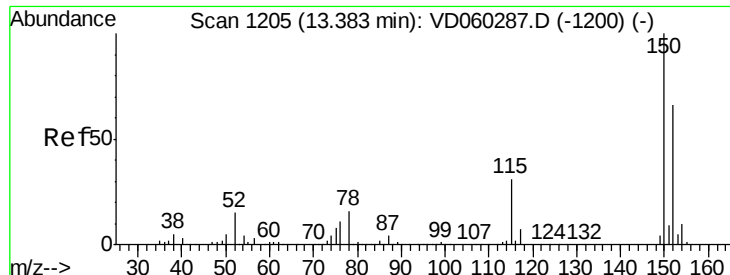
Tgt Ion: 95 Resp: 770305
Ion Ratio Lower Upper
95 100
174 103.5 0.0 160.8
176 101.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060435.D
Acq: 21 Nov 2018 11:37

Tgt Ion: 117 Resp: 1501999
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 33.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD1121SBL01

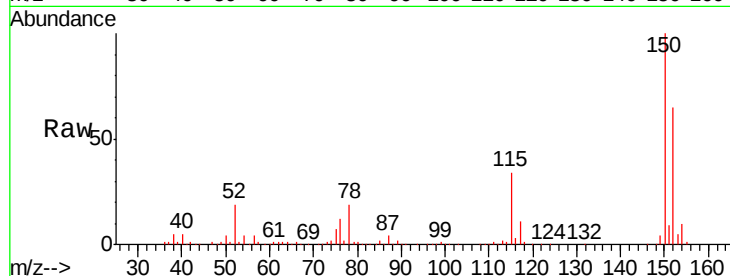
Tgt Ion:152 Resp: 741217

Ion Ratio Lower Upper

152 100

115 51.6 24.1 72.3

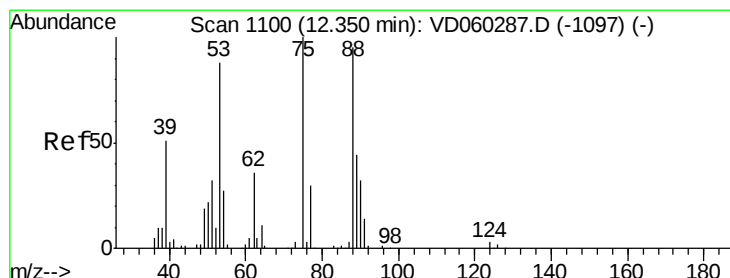
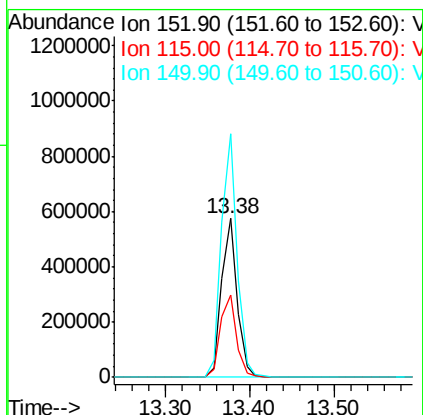
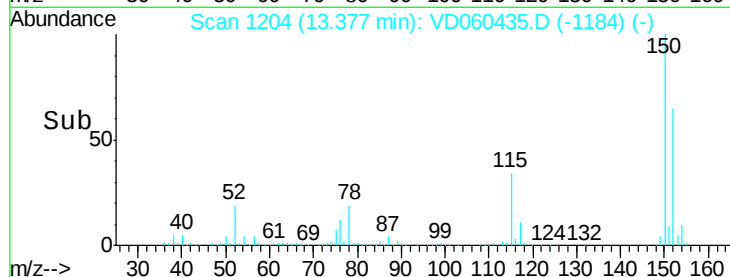
150 153.3 0.0 310.6



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: 119.88 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060435.D

Acq: 21 Nov 2018 11:37

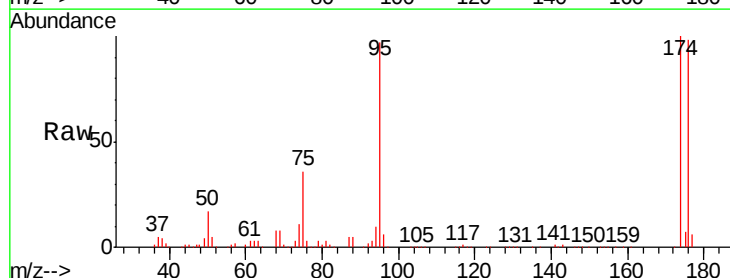
Tgt Ion: 75 Resp: 302604

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

