

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
 Data File : VD060309.D
 Acq On : 9 Nov 2018 12:02
 Operator : JC/SY
 Sample : VD1109SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01

Quant Time: Nov 12 01:33:58 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	6.40	168	1752174	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2323659	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1873682	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	929352	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	665463	53.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	6.33	113	925702	53.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.86%	
50) Toluene-d8	9.45	98	2762521	54.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.94%	
62) 4-Bromofluorobenzene	12.42	95	933285	50.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.58%	

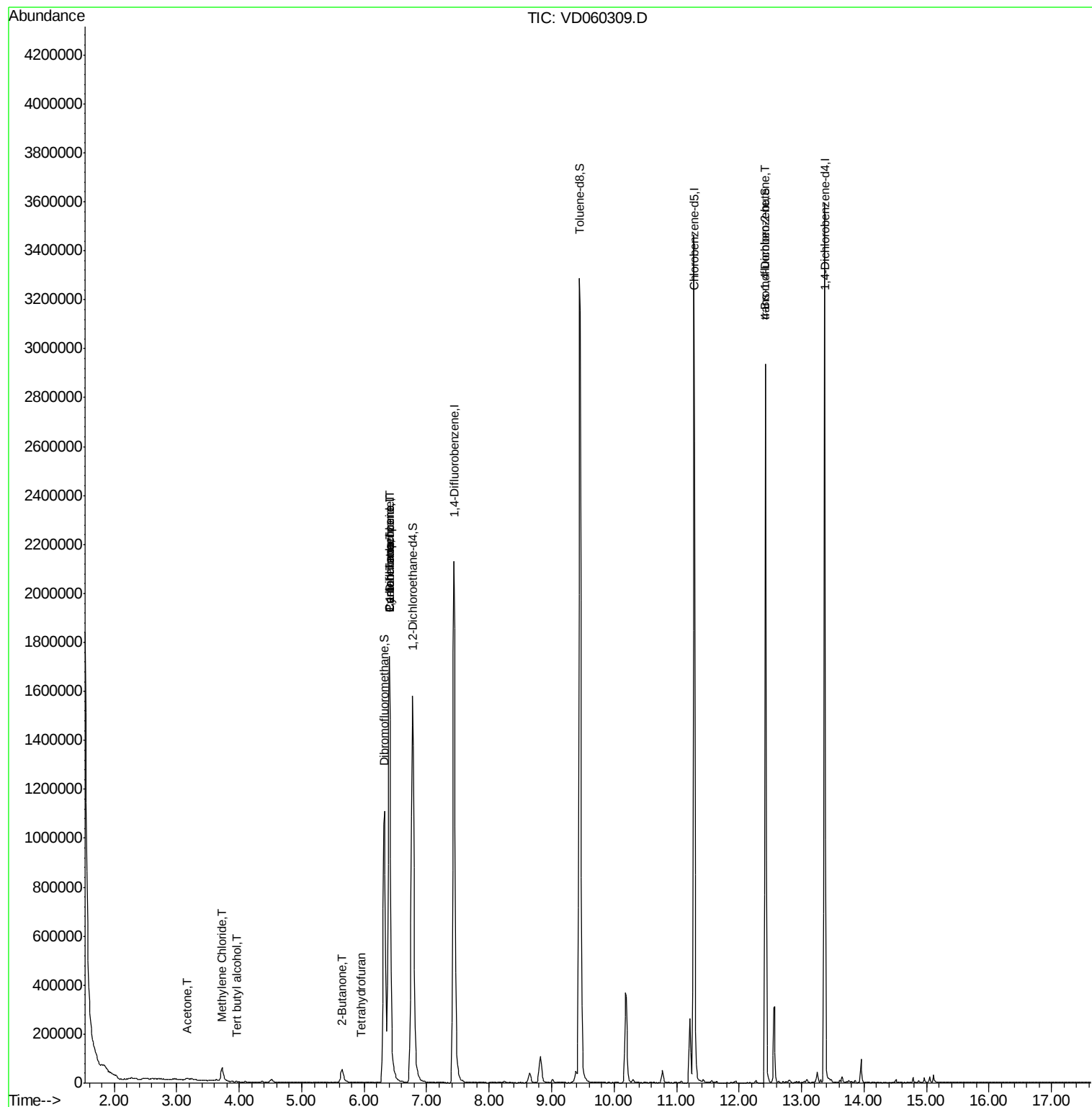
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	3004	Below Cal		91
11) Tert butyl alcohol	3.96	59	3551	6.893	ug/l #	70
16) Acetone	3.16	43	11653	5.355	ug/l	93
20) Methylene Chloride	3.73	84	37329	1.934	ug/l	96
25) 2-Butanone	5.63	43	6899	1.525	ug/l #	60
29) Tetrahydrofuran	5.94	42	3105	1.302	ug/l #	41
31) Cyclohexane	6.40	56	35975	1.201	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	124132	5.407	ug/l #	46
38) Carbon Tetrachloride	6.40	117	139826	6.566	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	375735	118.714	ug/l #	15
89) n-Butylbenzene	13.65	91	5343	Below Cal		92

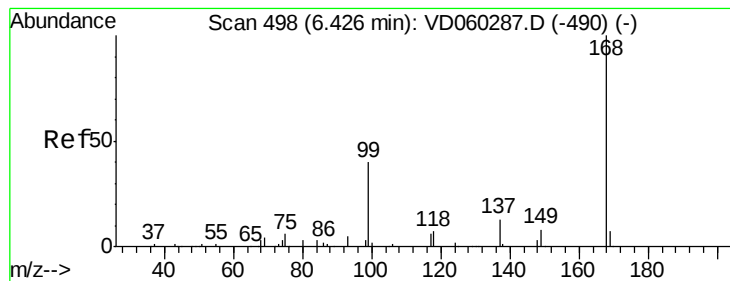
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060309.D

Acq: 9 Nov 2018 12:02

Instrument :

MSVOA_D

ClientSampleId :

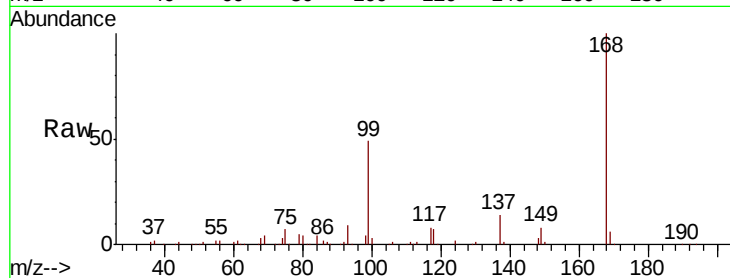
VD1109SBL01

Tgt Ion:168 Resp: 1752174

Ion Ratio Lower Upper

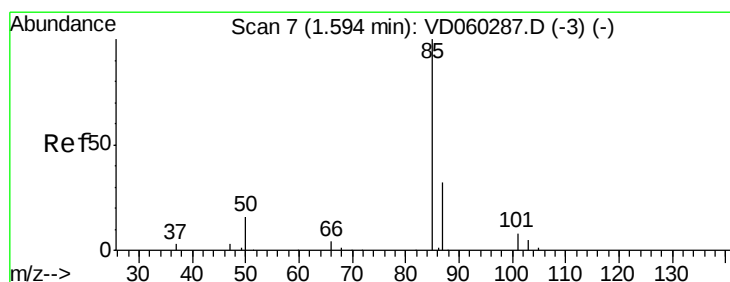
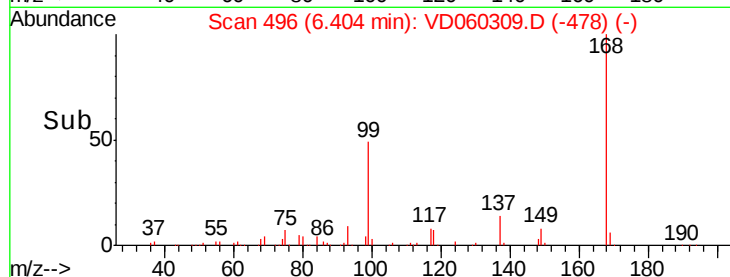
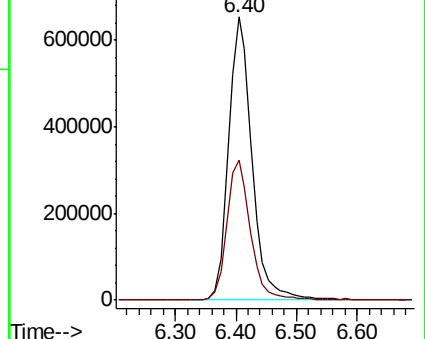
168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060309.D

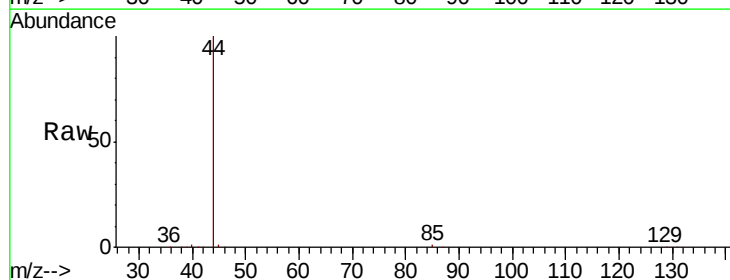
Acq: 9 Nov 2018 12:02

Tgt Ion: 85 Resp: 3004

Ion Ratio Lower Upper

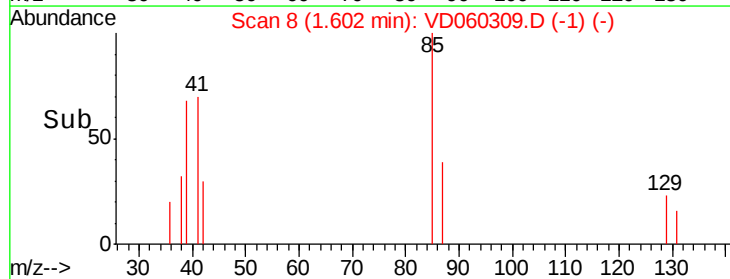
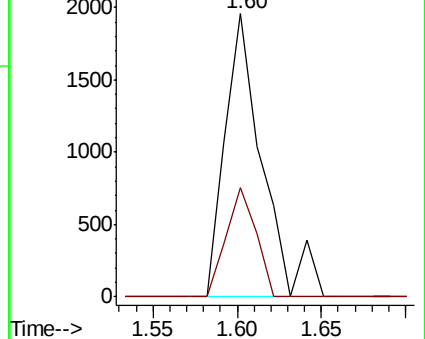
85 100

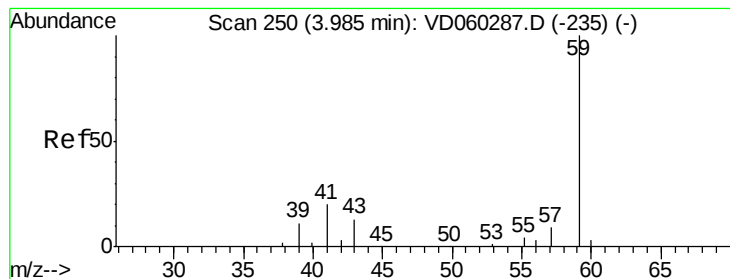
87 38.7 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#11

Tert butyl alcohol

Concen: 6.893 ug/l

RT: 3.96 min Scan# 248

Delta R.T. -0.02 min

Lab File: VD060309.D

Acq: 9 Nov 2018 12:02

Instrument :

MSVOA_D

ClientSampleId :

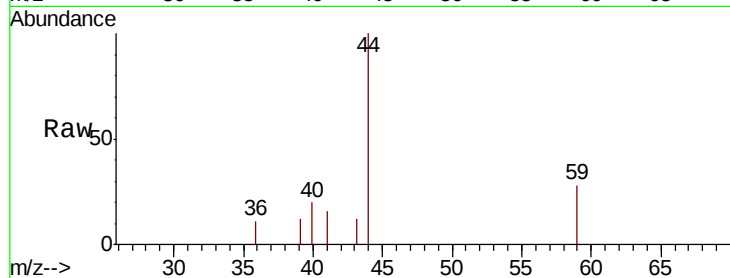
VD1109SBL01

Tgt Ion: 59 Resp: 3551

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

1000

800

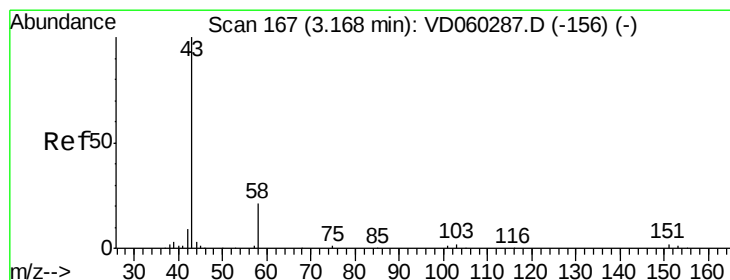
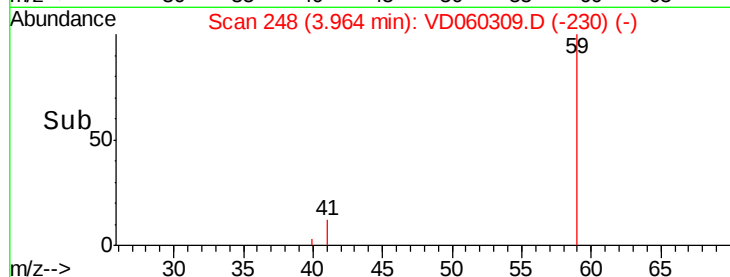
600

400

200

0

Time-->



#16

Acetone

Concen: 5.355 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060309.D

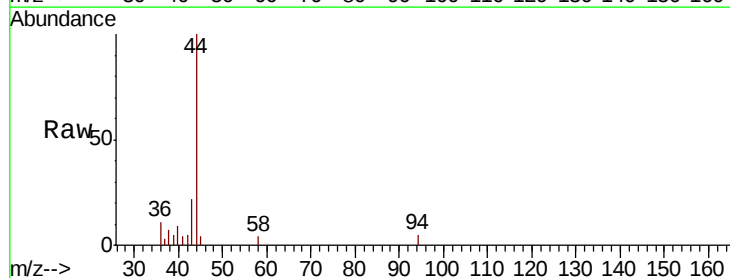
Acq: 9 Nov 2018 12:02

Tgt Ion: 43 Resp: 11653

Ion Ratio Lower Upper

43 100

58 17.8 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2500

2000

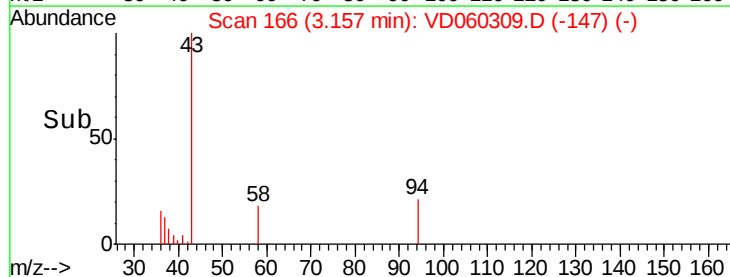
1500

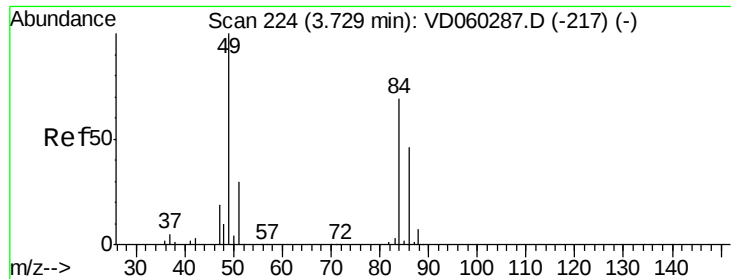
1000

500

0

Time-->

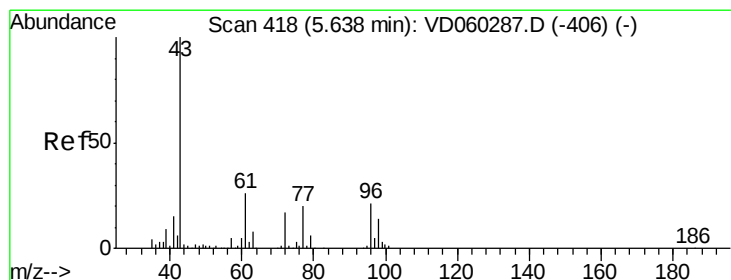
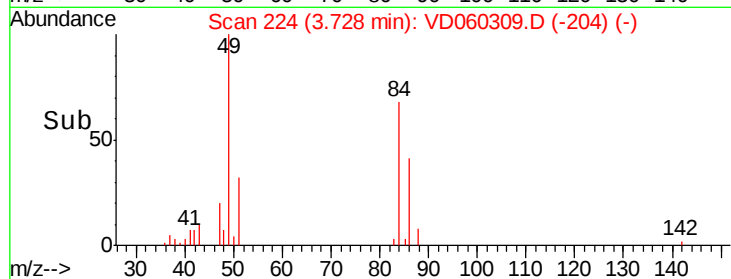
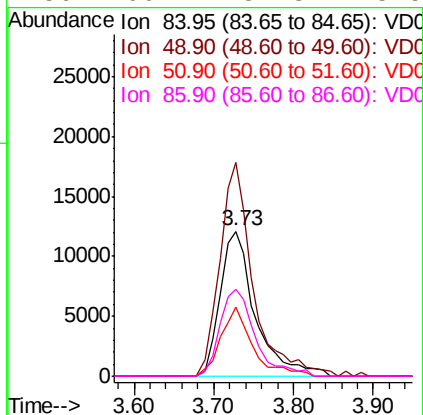
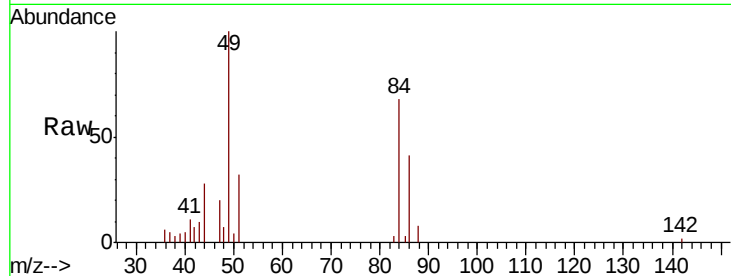




#20
Methylene Chloride
Concen: 1.934 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

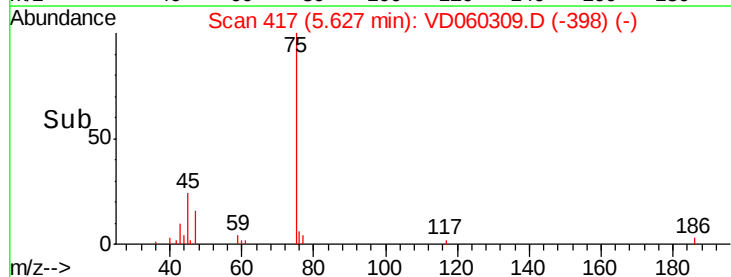
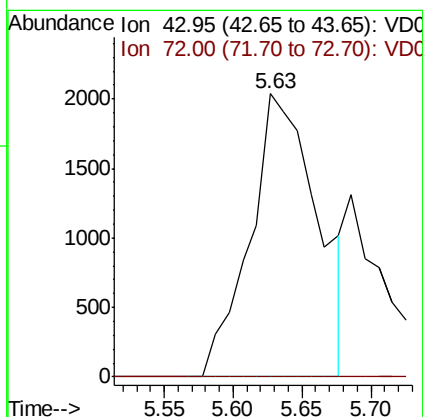
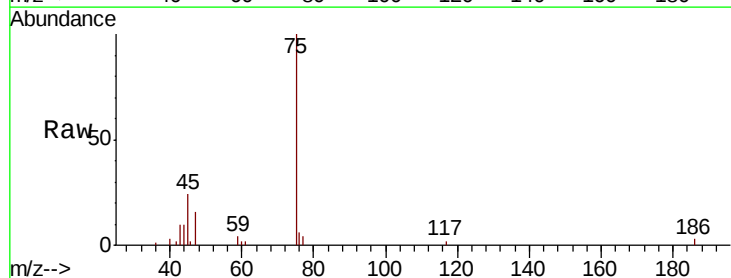
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

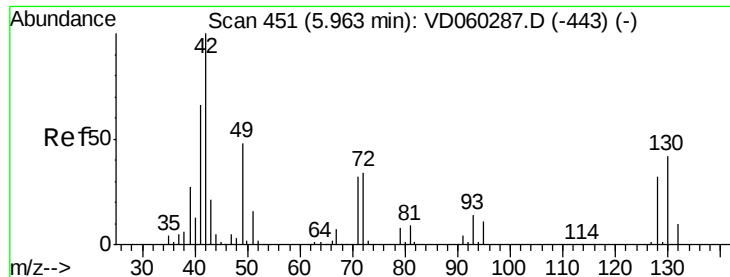
Tgt Ion: 84 Resp: 37329
Ion Ratio Lower Upper
84 100
49 147.4 115.6 173.4
51 47.6 35.6 53.4
86 60.1 52.3 78.5



#25
2-Butanone
Concen: 1.525 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Tgt Ion: 43 Resp: 6899
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#

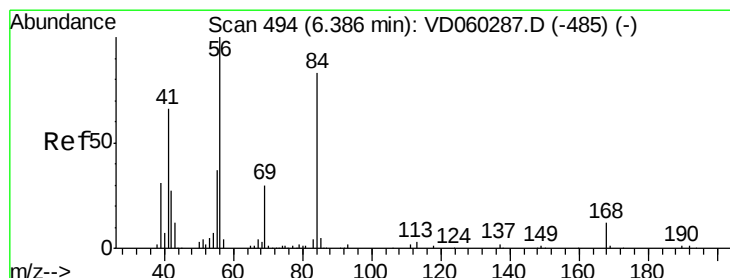
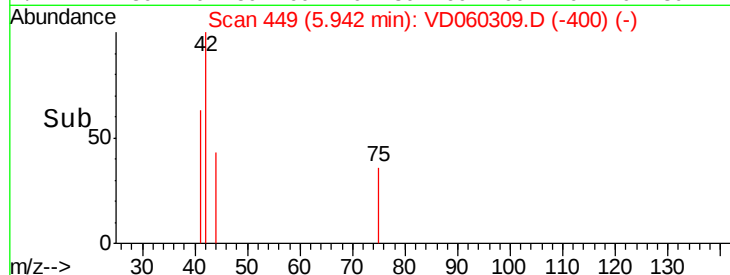
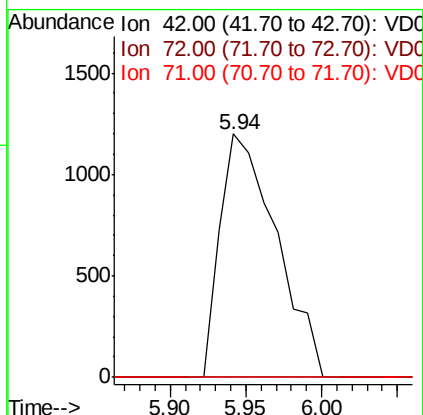
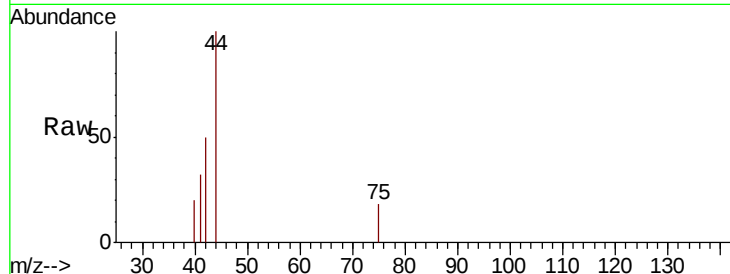




#29
Tetrahydrofuran
Concen: 1.302 ug/l
RT: 5.94 min Scan# 449
Delta R.T. -0.02 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

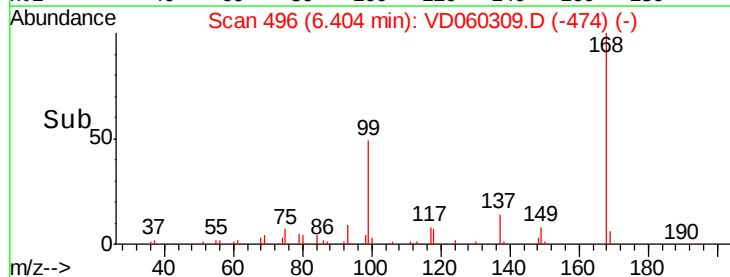
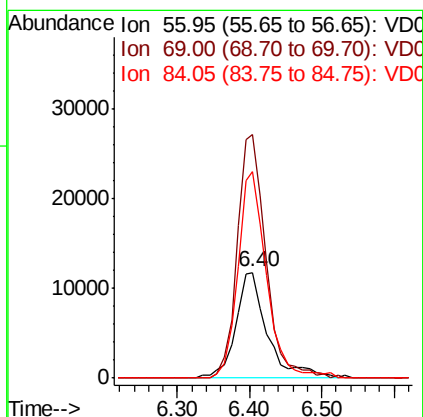
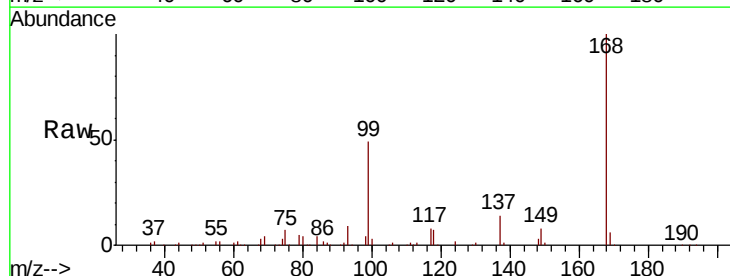
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

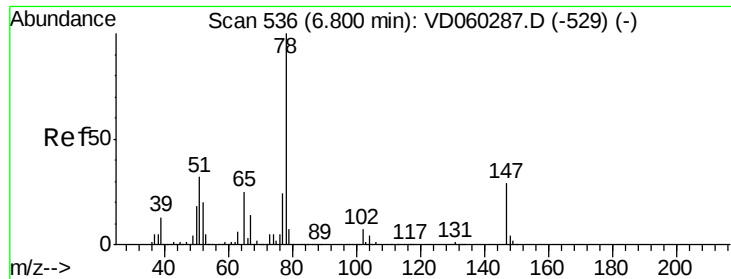
Tgt Ion: 42 Resp: 3105
Ion Ratio Lower Upper
42 100
72 0.0 27.6 41.4#
71 0.0 26.5 39.7#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Tgt Ion: 56 Resp: 35975
Ion Ratio Lower Upper
56 100
69 230.6 22.2 33.2#
84 195.8 63.0 94.4#

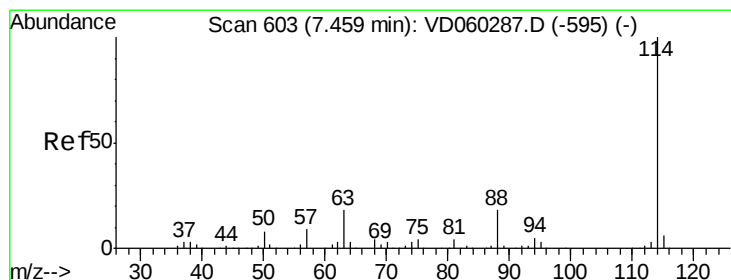
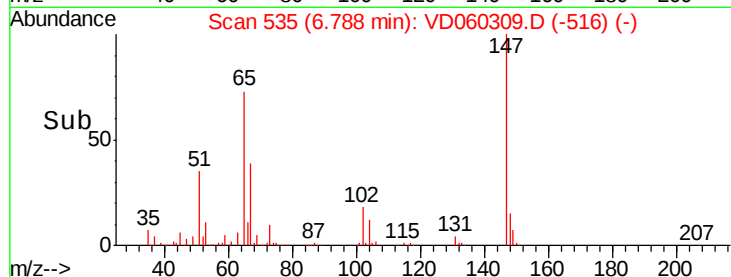
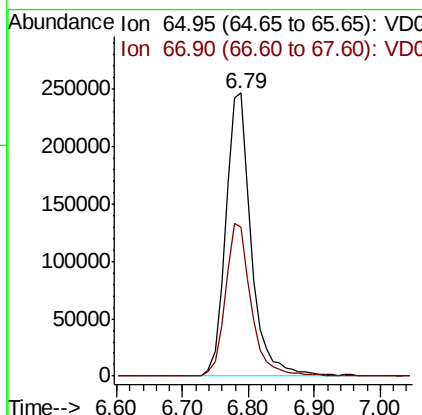
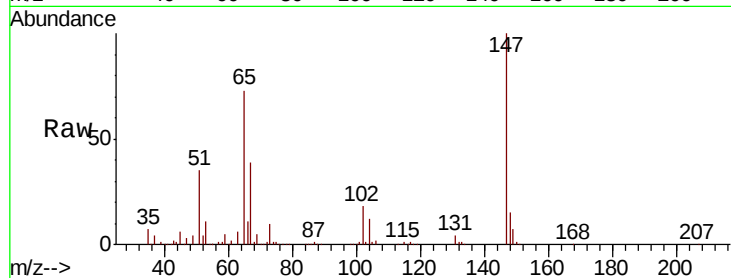




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060309.D
 Acq: 9 Nov 2018 12:02

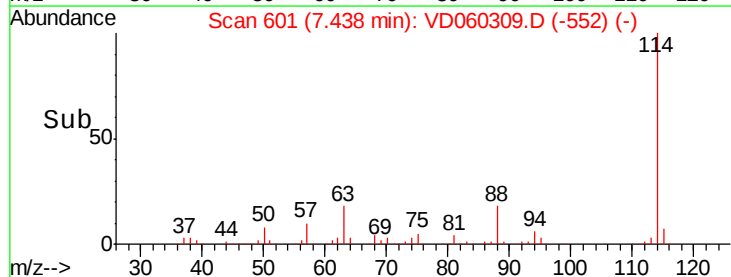
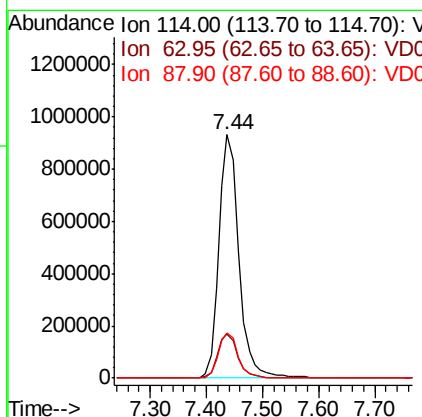
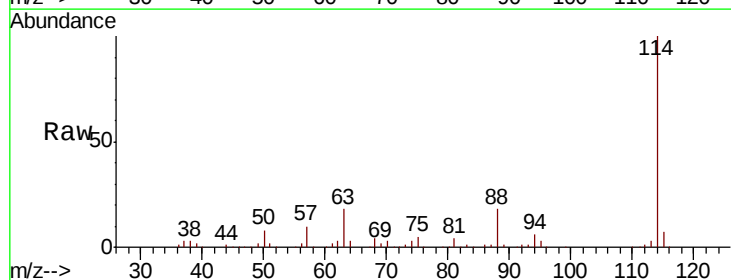
Instrument :
 MSVOA_D
 ClientSampleID :
 VD1109SBL01

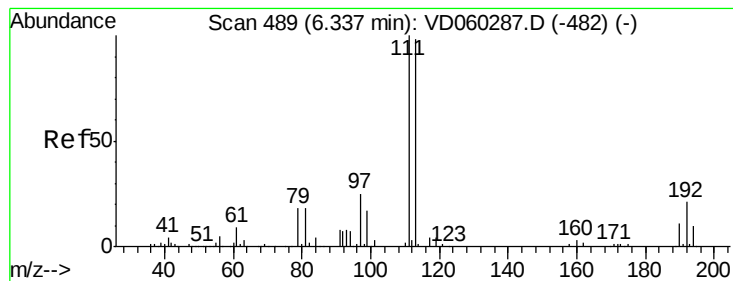
Tgt Ion: 65 Resp: 665463
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060309.D
 Acq: 9 Nov 2018 12:02

Tgt Ion: 114 Resp: 2323659
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 18.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060309.D

Acq: 9 Nov 2018 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL01

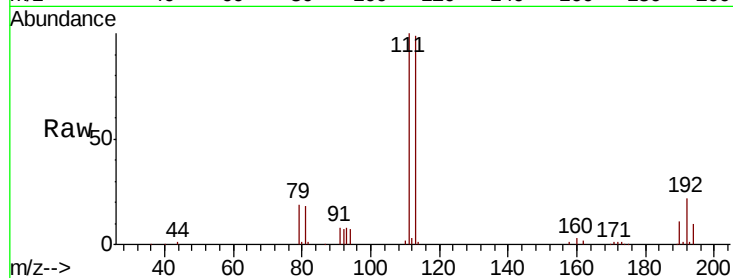
Tgt Ion:113 Resp: 925702

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

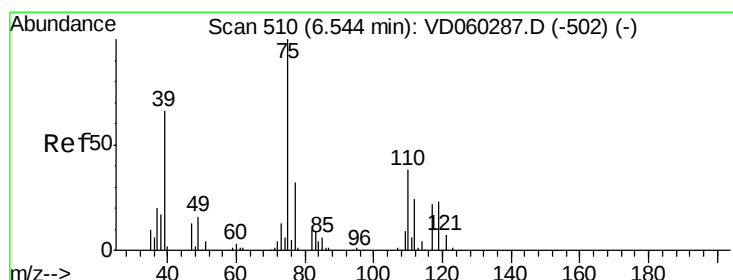
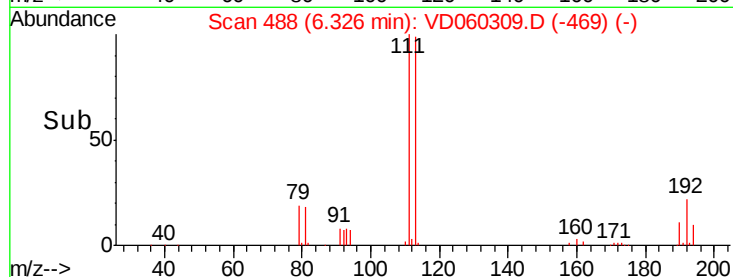
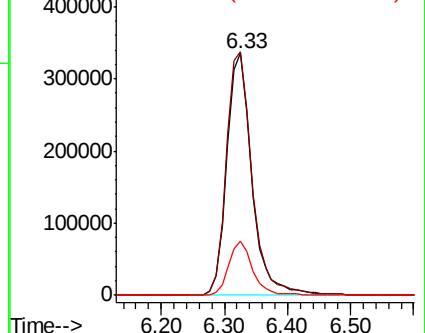
192 22.3 16.5 24.7



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: 5.407 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.14 min

Lab File: VD060309.D

Acq: 9 Nov 2018 12:02

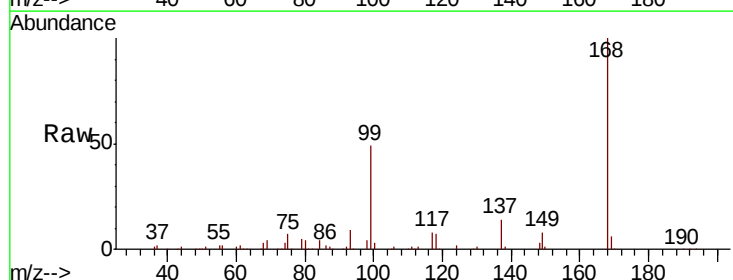
Tgt Ion: 75 Resp: 124132

Ion Ratio Lower Upper

75 100

110 6.5 18.0 54.0#

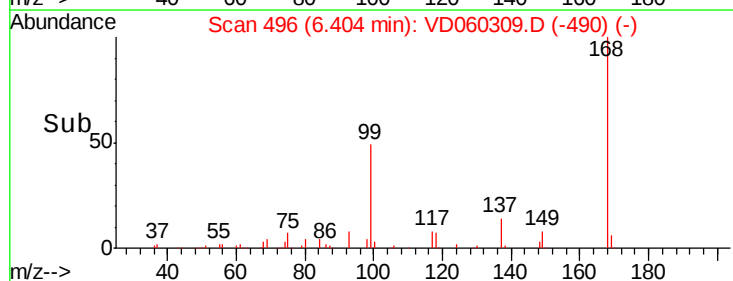
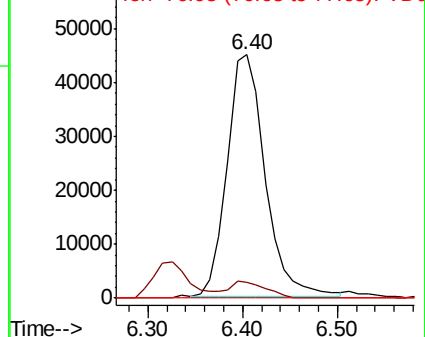
77 0.0 25.6 38.4#

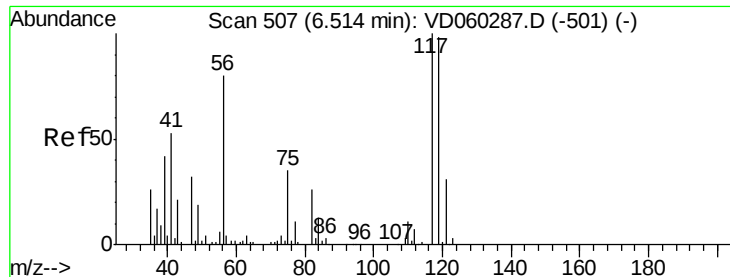


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.566 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.11 min

Lab File: VD060309.D

Acq: 9 Nov 2018 12:02

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL01

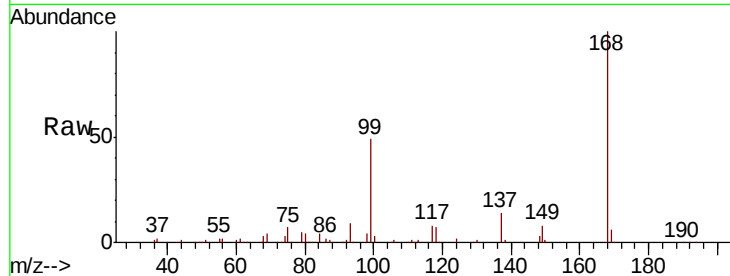
Tgt Ion:117 Resp: 139826

Ion Ratio Lower Upper

117 100

119 3.8 76.6 115.0#

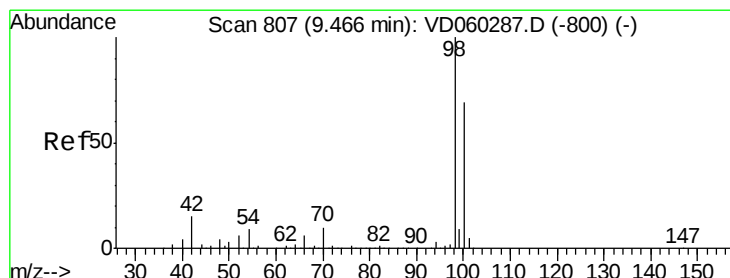
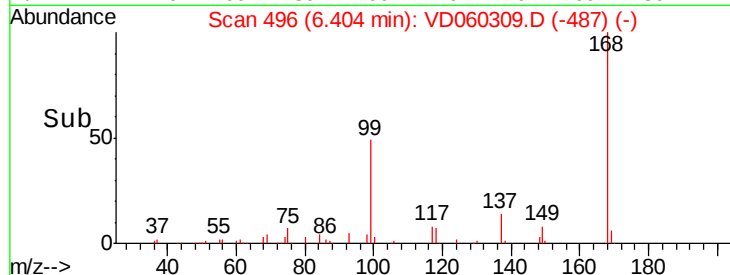
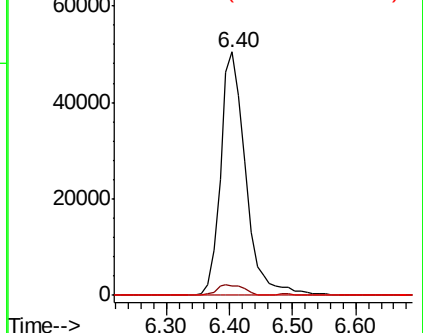
121 0.0 24.3 36.5#



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: 9.45 min Scan# 805

Delta R.T. -0.02 min

Lab File: VD060309.D

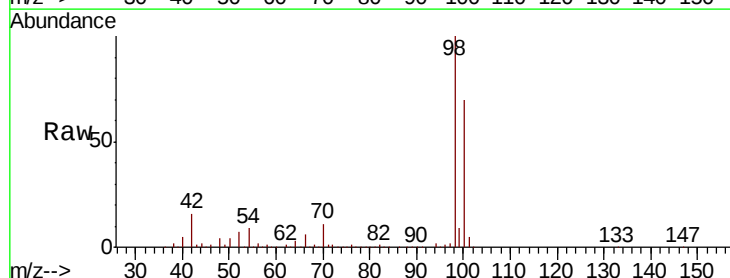
Acq: 9 Nov 2018 12:02

Tgt Ion: 98 Resp: 2762521

Ion Ratio Lower Upper

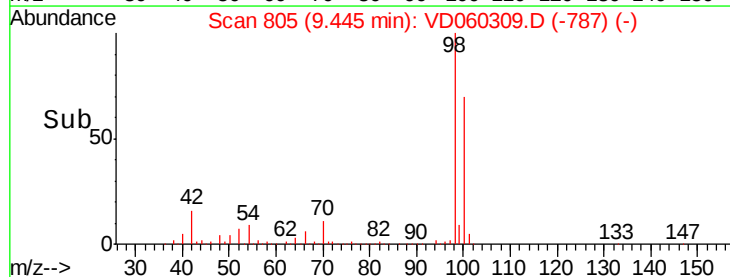
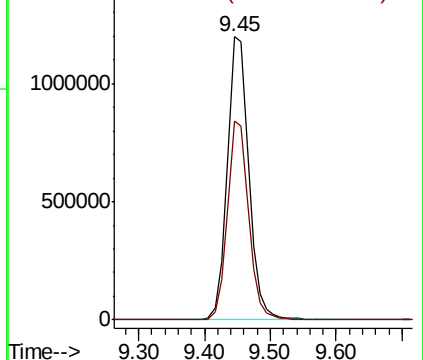
98 100

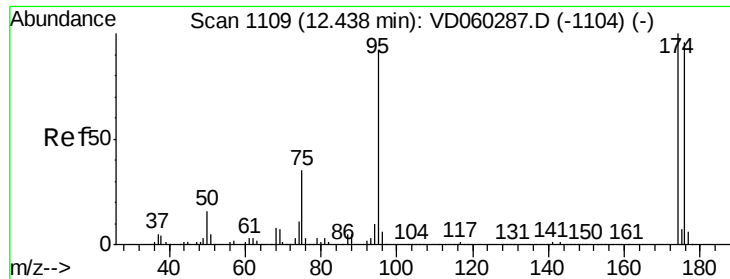
100 70.2 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

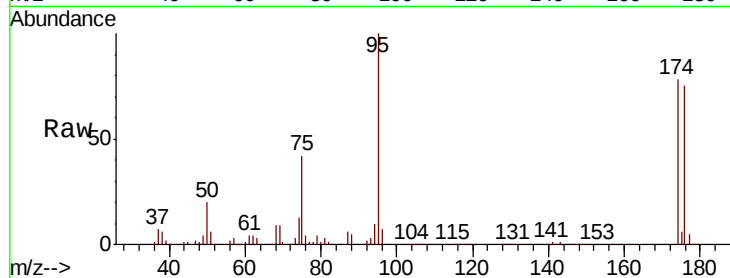




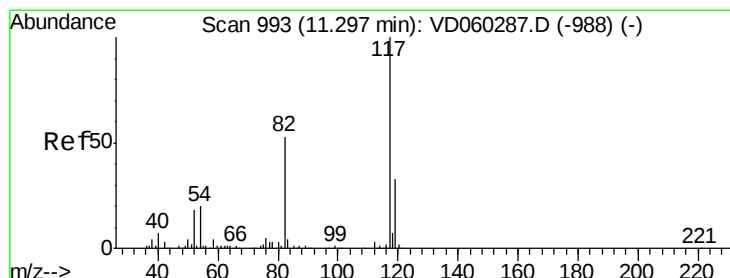
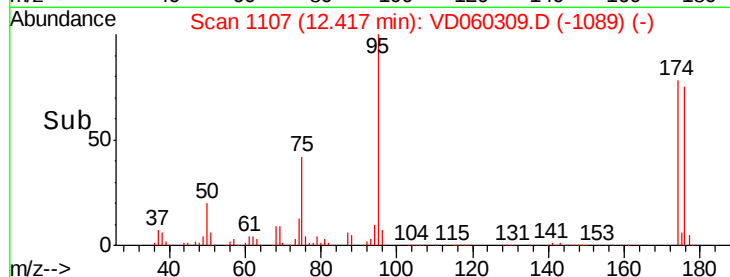
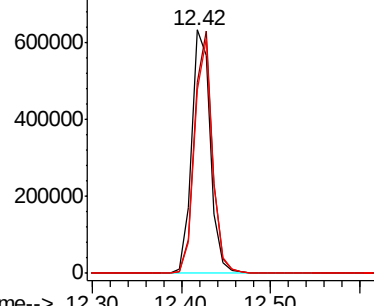
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion: 95 Resp: 933285
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.8
176 75.2 0.0 154.6

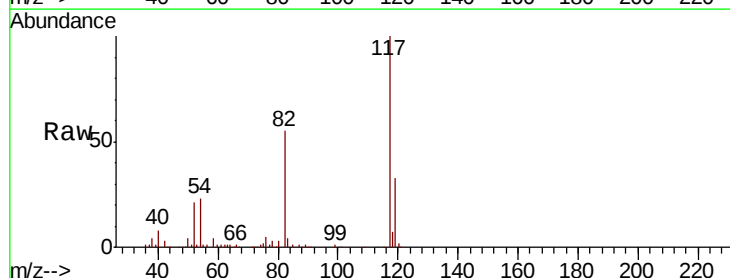


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

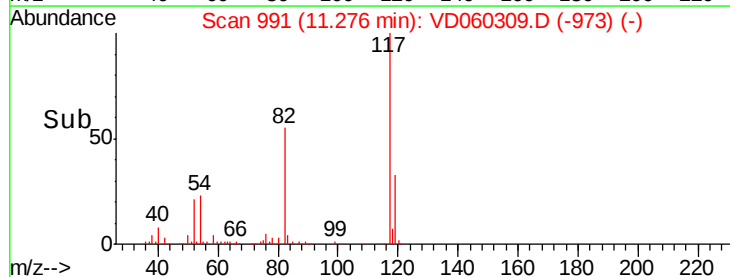
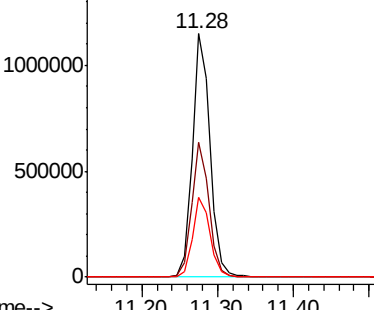


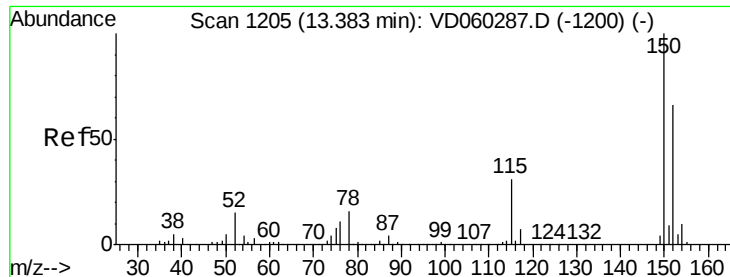
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.02 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Tgt Ion: 117 Resp: 1873682
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.5 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



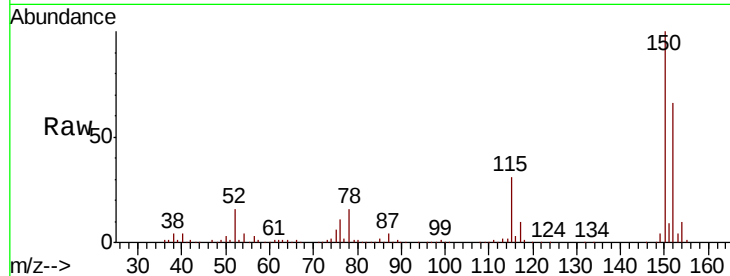


#72

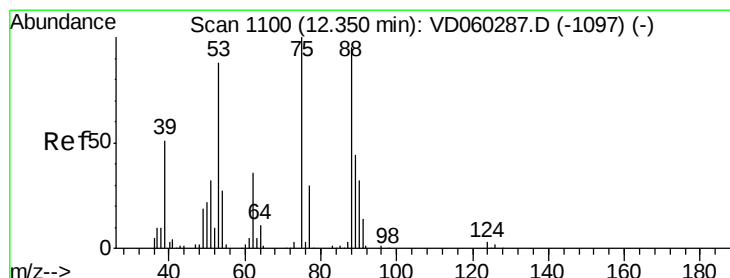
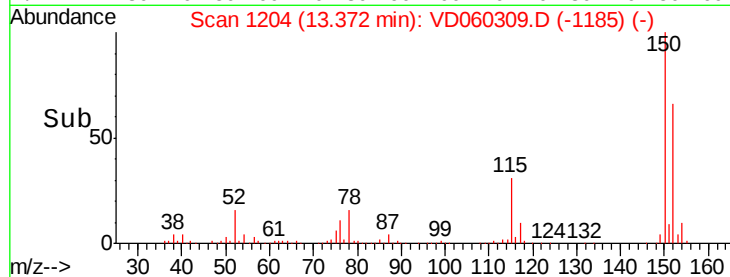
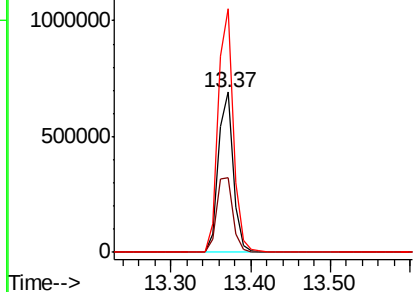
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion:152 Resp: 929352
Ion Ratio Lower Upper
152 100
115 46.9 24.1 72.3
150 152.2 0.0 310.6



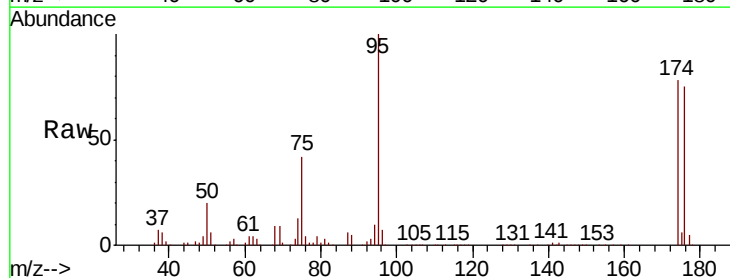
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 118.714 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.07 min
Lab File: VD060309.D
Acq: 9 Nov 2018 12:02

Tgt Ion: 75 Resp: 375735
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

