

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060293.D
 Acq On : 7 Nov 2018 11:16
 Operator : JC/SY
 Sample : VD1107SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 10:41:29 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	6.42	168	1756214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2390522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1861366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	934452	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	621536	49.43	ug/l	0.00
Spiked Amount						
			Recovery	=	98.86%	
35) Dibromofluoromethane	6.34	113	904710	50.75	ug/l	0.00
Spiked Amount						
			Recovery	=	101.50%	
50) Toluene-d8	9.46	98	2663452	51.05	ug/l	0.00
Spiked Amount						
			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.43	95	946420	50.06	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.12%	

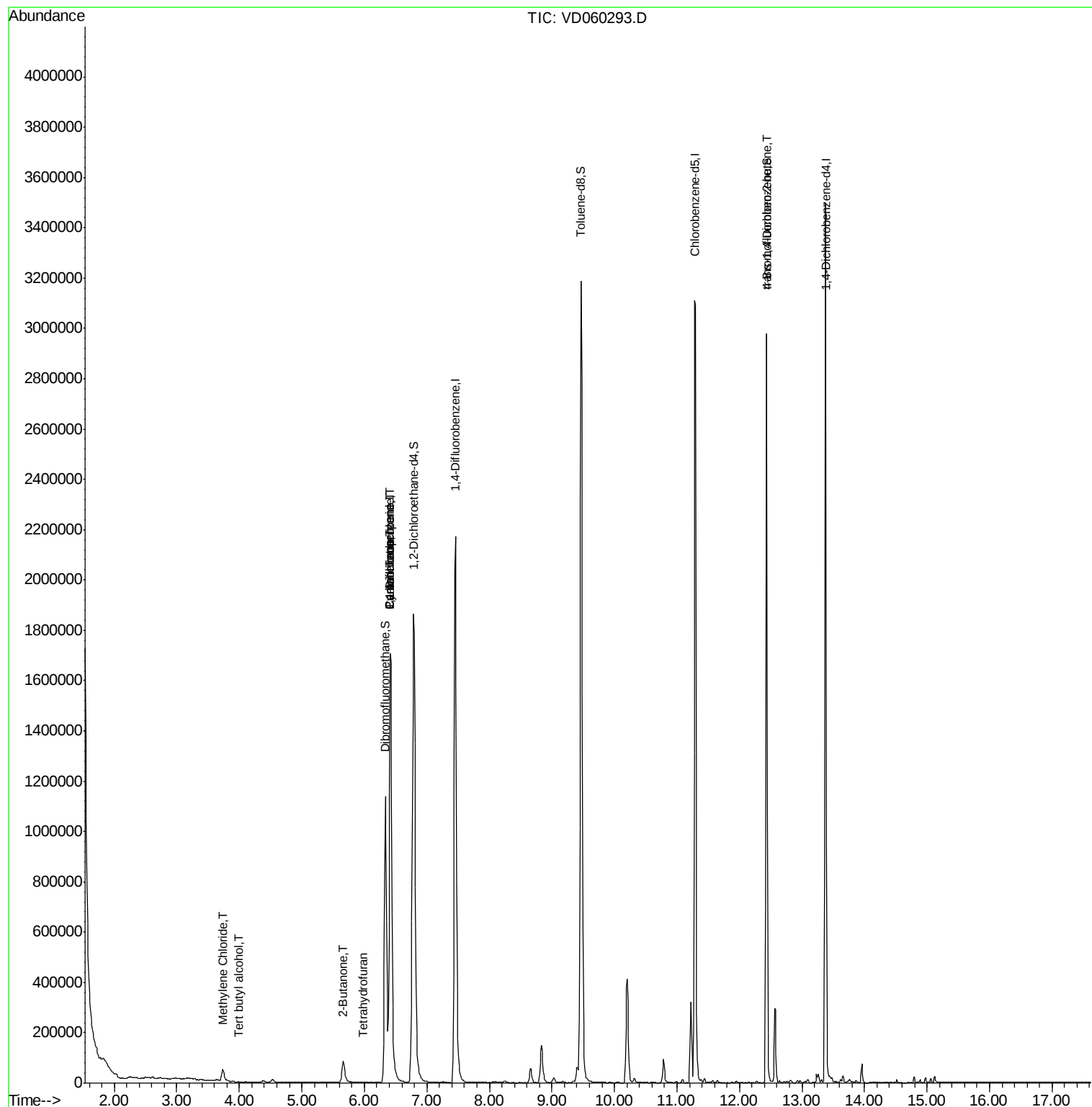
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	2735	Below Cal		99
11) Tert butyl alcohol	3.97	59	1082	2.10 ug/l	#	70
20) Methylene Chloride	3.74	84	28789	1.49 ug/l		95
25) 2-Butanone	5.66	43	10219	2.25 ug/l	#	60
29) Tetrahydrofuran	5.97	42	3214	1.34 ug/l	#	51
31) Cyclohexane	6.41	56	34445	1.15 ug/l	#	1
36) 1,1-Dichloropropene	6.41	75	127310	5.39 ug/l	#	47
38) Carbon Tetrachloride	6.41	117	135771	6.20 ug/l	#	16
81) trans-1,4-Dichloro-2-buten	12.43	75	383066	120.37 ug/l	#	15
89) n-Butylbenzene	13.66	91	5627	Below Cal		83

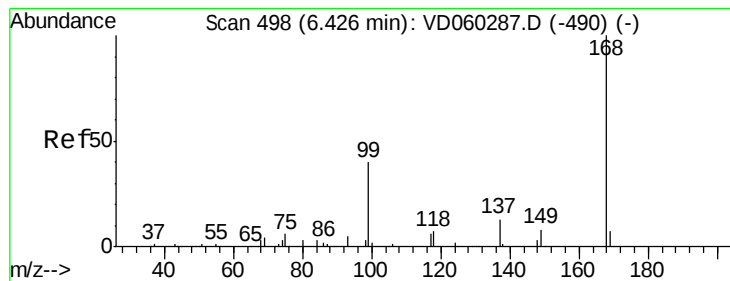
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
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Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 08 10:41:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

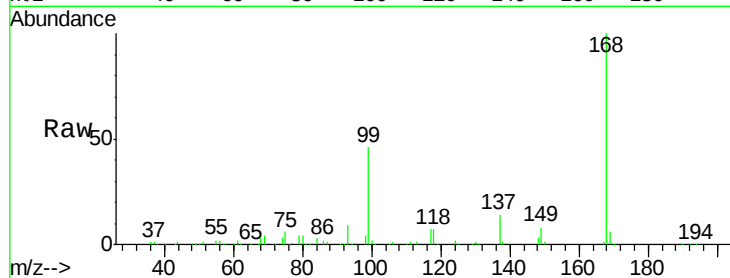
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 1756214

Ion Ratio Lower Upper

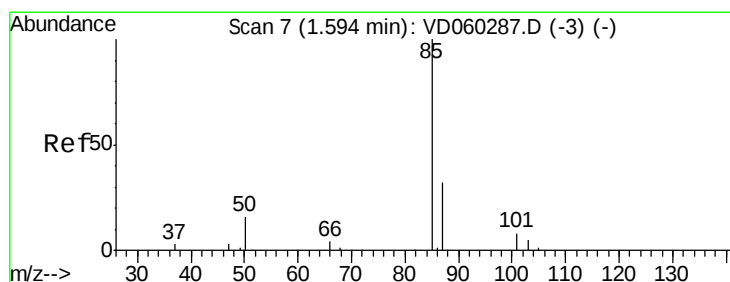
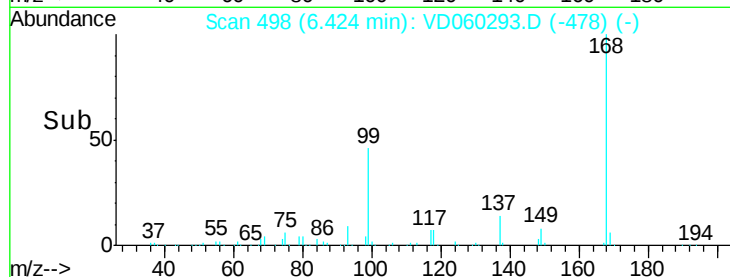
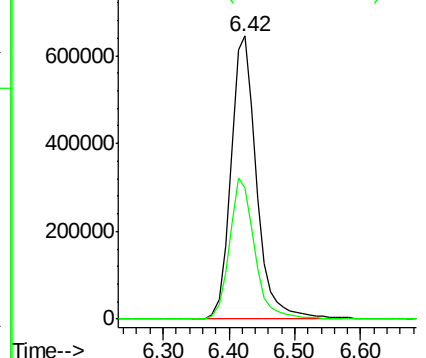
168 100

99 46.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060293.D

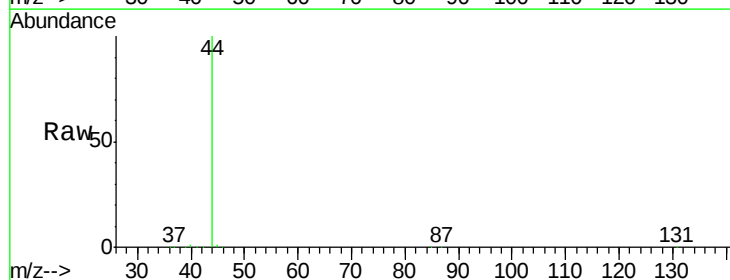
Acq: 7 Nov 2018 11:16

Tgt Ion: 85 Resp: 2735

Ion Ratio Lower Upper

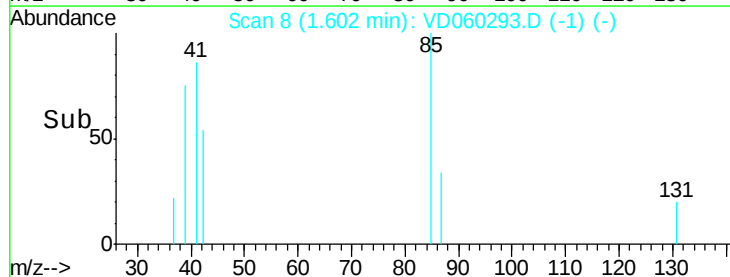
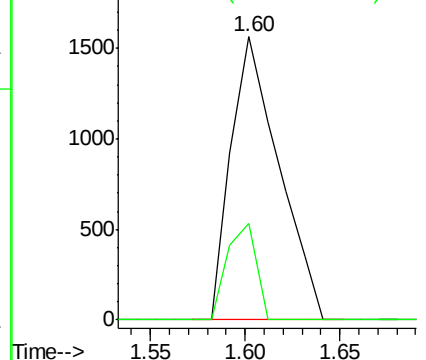
85 100

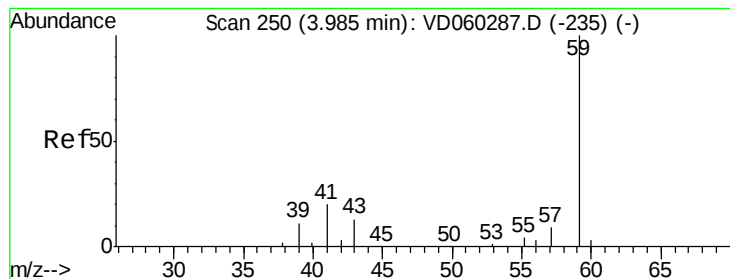
87 34.1 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VD

Ion 86.90 (86.60 to 87.60): VD



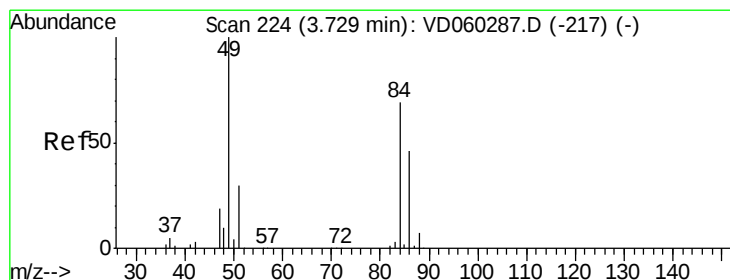
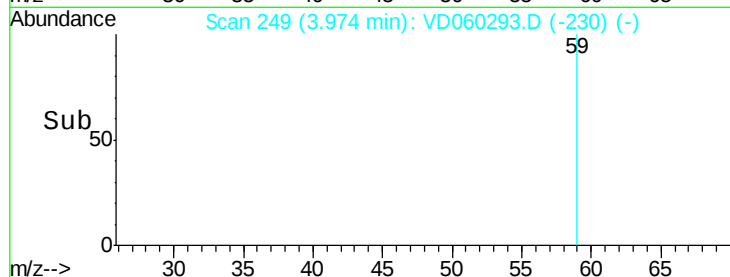
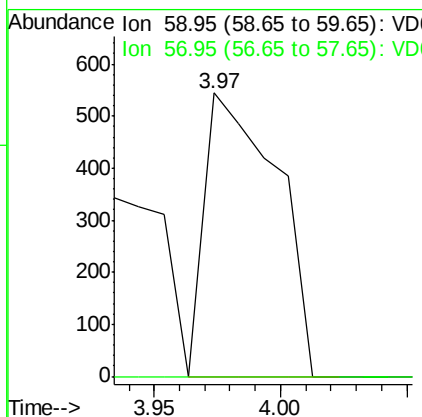
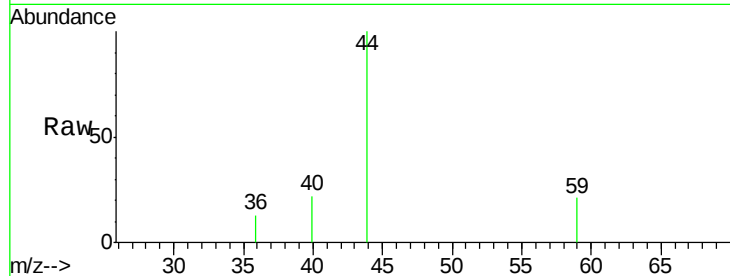


#11

Tert butyl alcohol
Concen: 2.10 ug/l
RT: 3.97 min Scan# 249
Delta R.T. -0.01 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Instrument :
MSVOA_D
ClientSampleId :

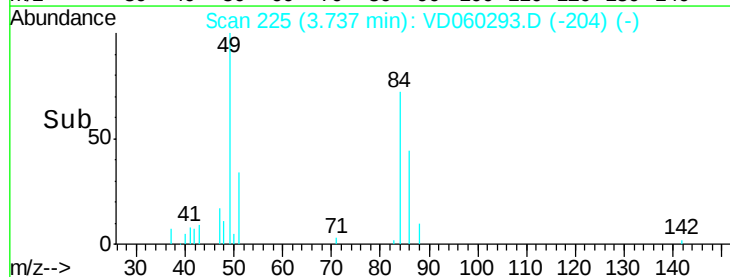
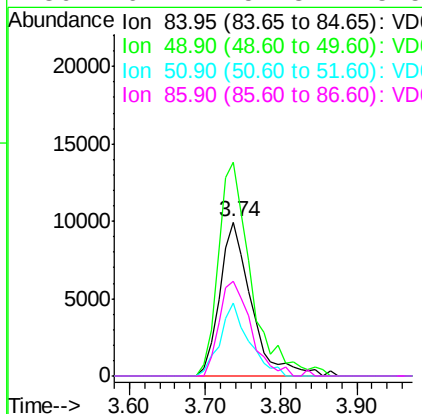
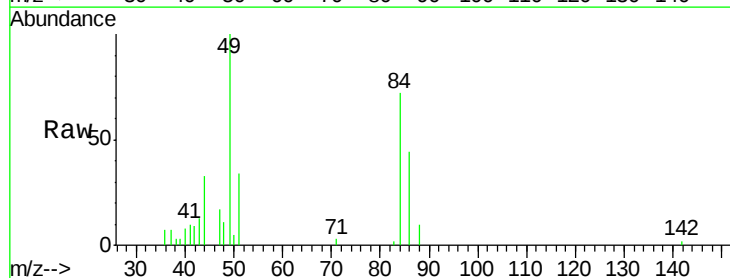
Tot Ion: 59 Resp: 1082
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

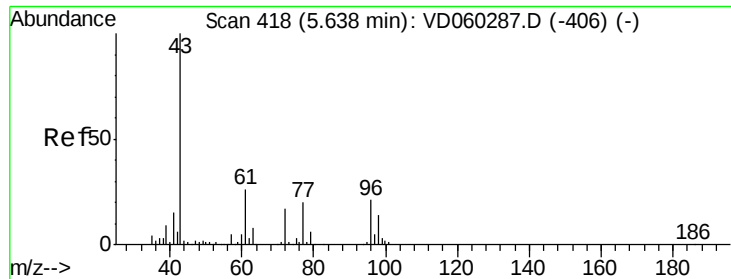


#20

Methylene Chloride
Concen: 1.49 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Tgt Ion: 84 Resp: 28789
Ion Ratio Lower Upper
84 100
49 138.7 115.6 173.4
51 47.4 35.6 53.4
86 61.4 52.3 78.5





#25

2-Butanone

Concen: 2.25 ug/l

RT: 5.66 min Scan# 420

Delta R.T. 0.02 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

Instrument :

MSVOA_D

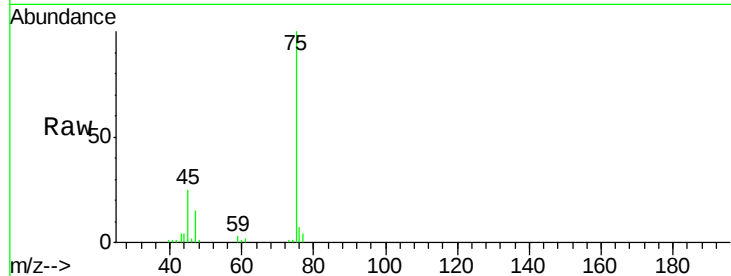
ClientSampled :

Tot Ion: 43 Resp: 10219

Ion Ratio Lower Upper

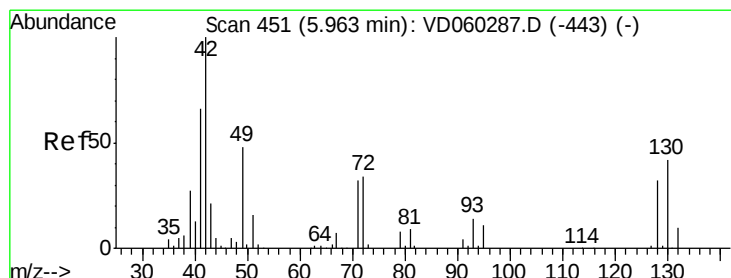
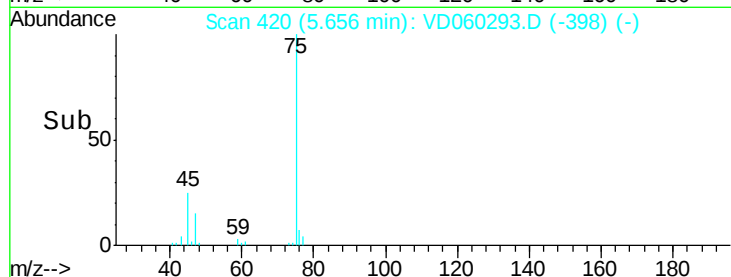
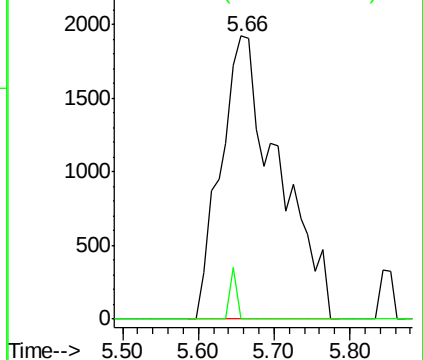
43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 72.00 (71.70 to 72.70): VD



#29

Tetrahydrofuran

Concen: 1.34 ug/l

RT: 5.97 min Scan# 452

Delta R.T. 0.01 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

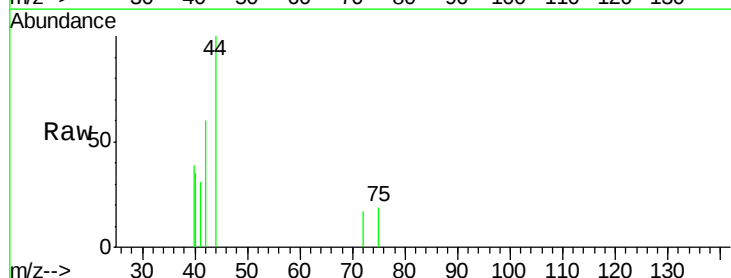
Tgt Ion: 42 Resp: 3214

Ion Ratio Lower Upper

42 100

72 5.5 27.6 41.4#

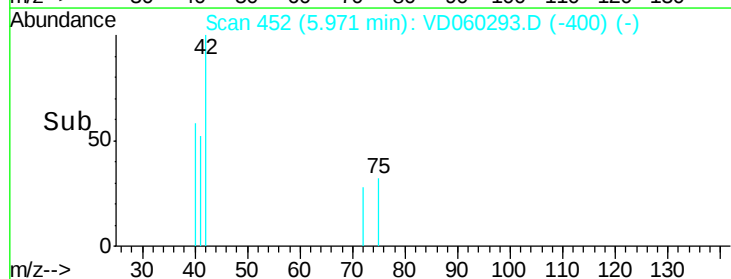
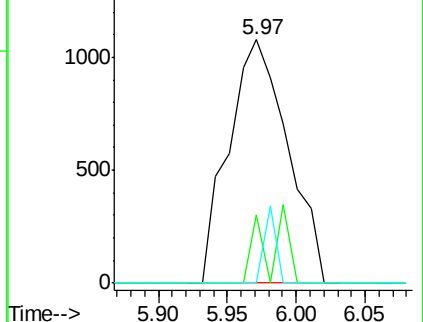
71 6.3 26.5 39.7#

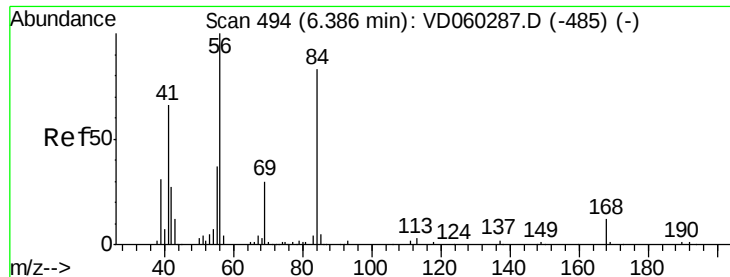


Abundance Ion 42.00 (41.70 to 42.70): VD

Ion 72.00 (71.70 to 72.70): VD

Ion 71.00 (70.70 to 71.70): VD

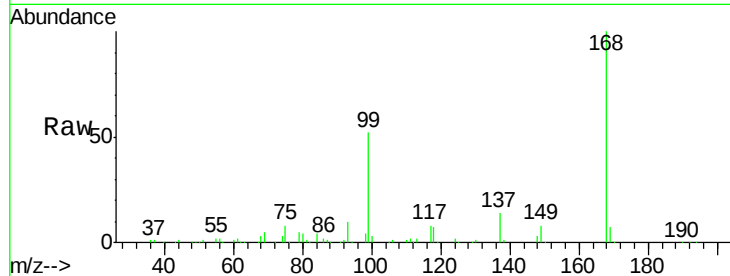




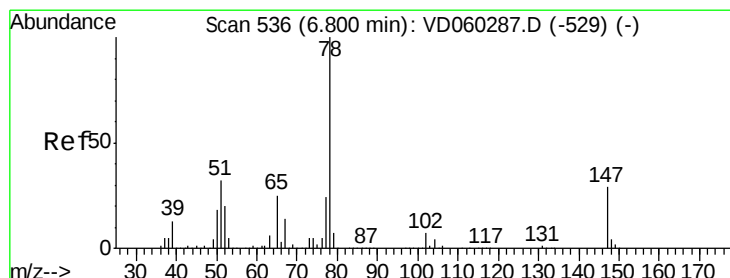
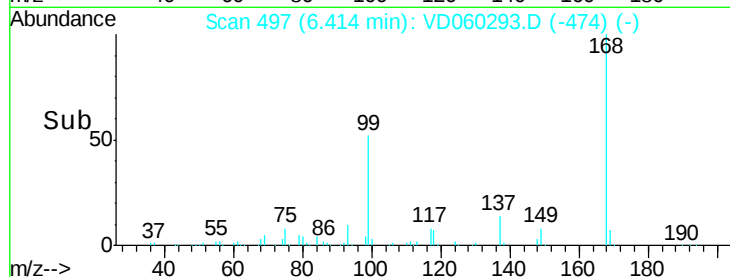
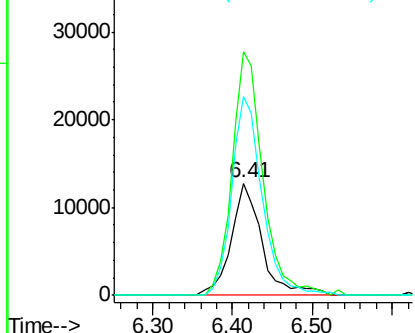
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	56	Resp	34445
Ion Ratio	100	Lower	Upper
69	216.6	22.2	33.2#
84	176.8	63.0	94.4#

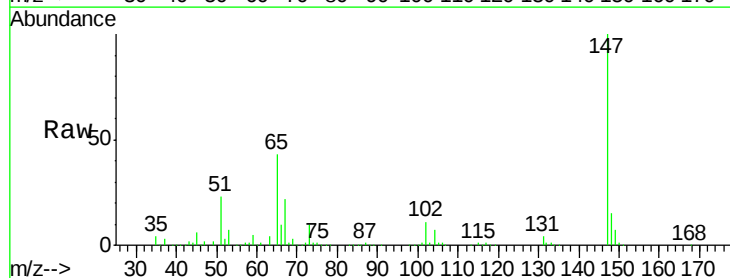


Abundance Ion 55.95 (55.65 to 56.65): VD
Ion 69.00 (68.70 to 69.70): VD
Ion 84.05 (83.75 to 84.75): VD

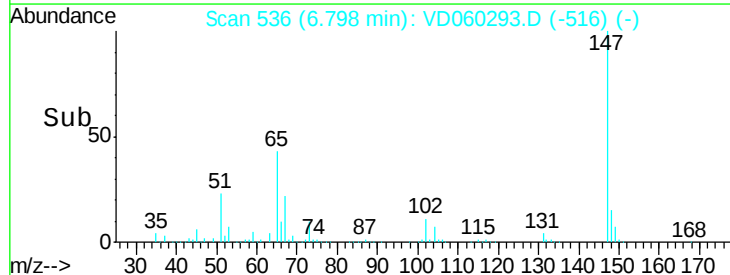
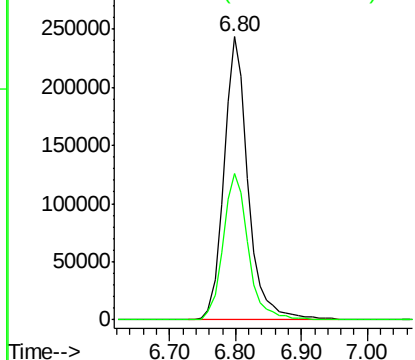


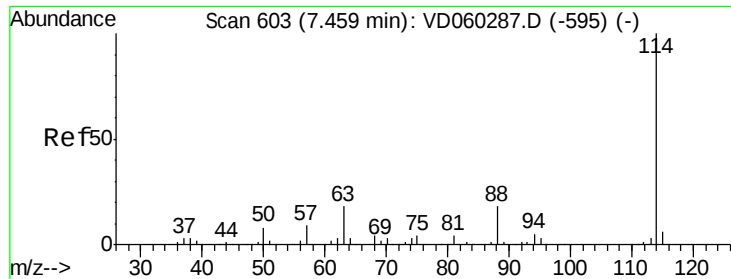
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Tgt Ion	65	Resp	621536
Ion Ratio	100	Lower	Upper
67	51.6	0.0	109.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

Instrument :

MSVOA_D

ClientSampleId :

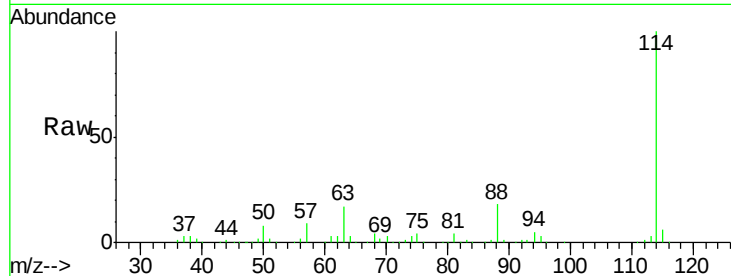
Tot Ion:114 Resp: 2390522

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

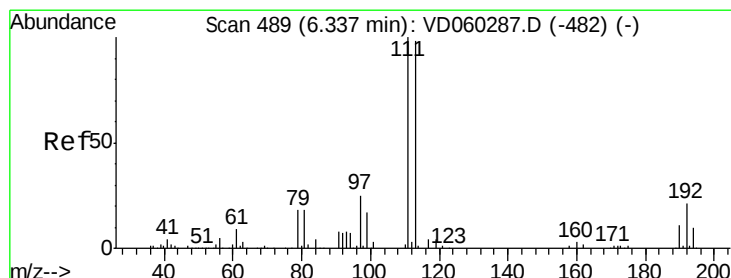
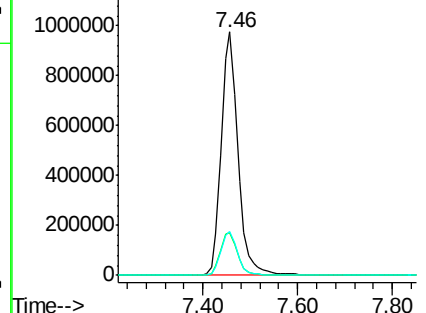
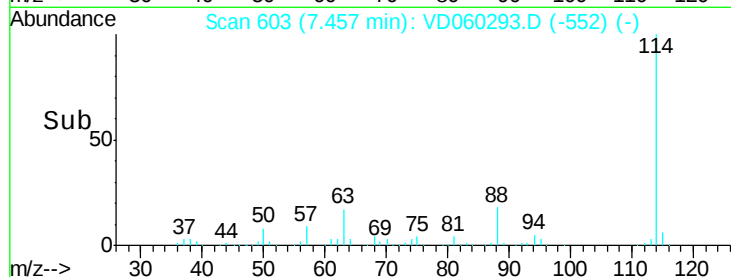
88 18.1 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70):

Ion 62.95 (62.65 to 63.65): VD

Ion 87.90 (87.60 to 88.60): VD



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.34 min Scan# 489

Delta R.T. -0.00 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

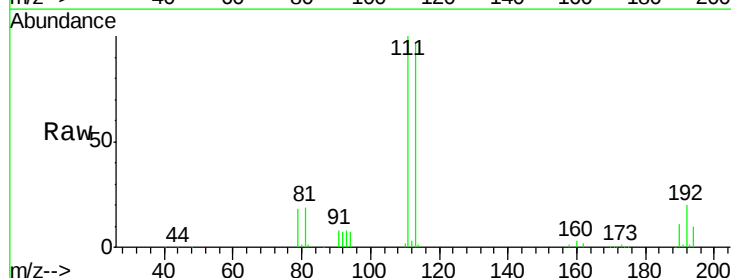
Tgt Ion:113 Resp: 904710

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

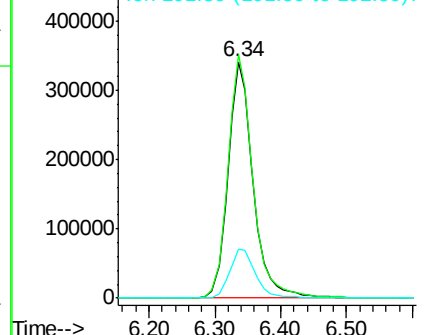
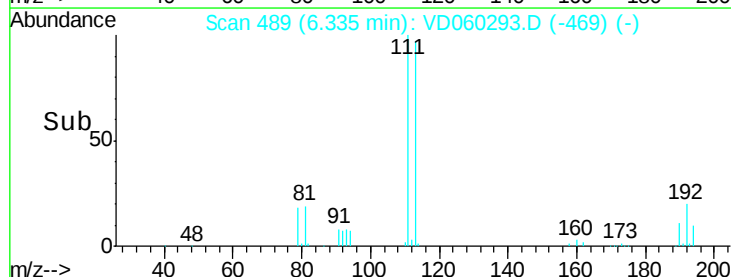
192 20.9 16.5 24.7

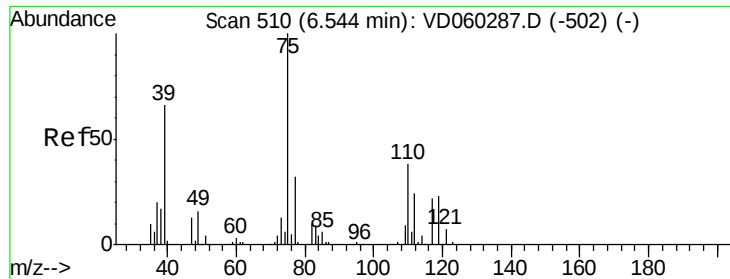


Abundance Ion 112.90 (112.60 to 113.60):

Ion 110.90 (110.60 to 111.60):

Ion 191.80 (191.50 to 192.50):





#36

1,1-Dichloropropene

Concen: 5.39 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.13 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

Instrument :
MSVOA_D
ClientSampled :

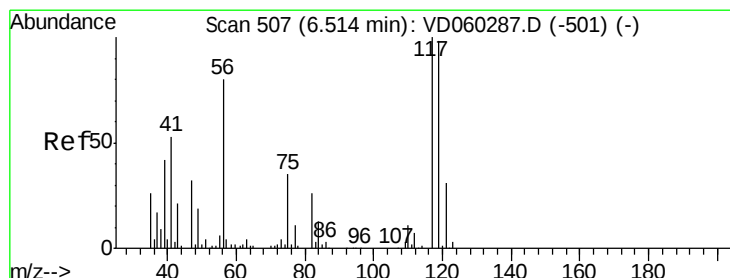
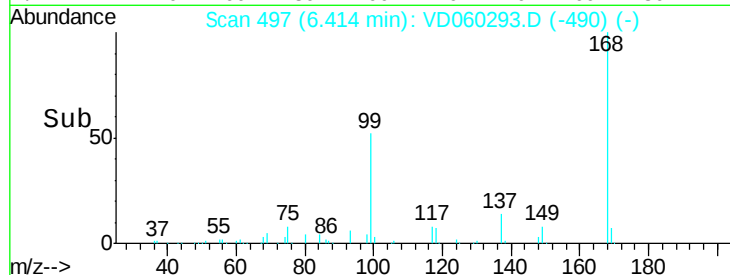
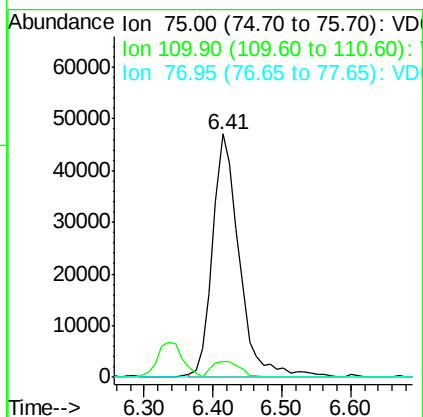
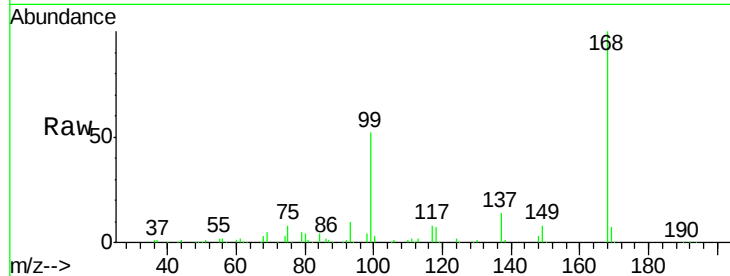
Tot Ion: 75 Resp: 127310

Ion Ratio Lower Upper

75 100

110 6.7 18.0 54.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 6.20 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.10 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

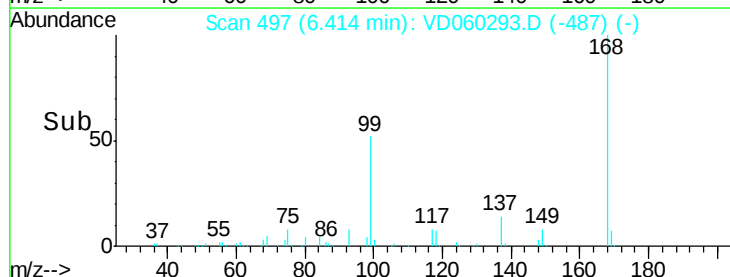
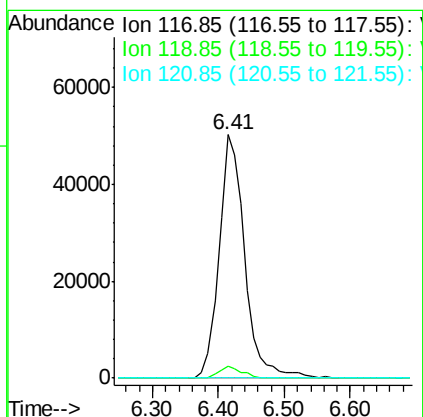
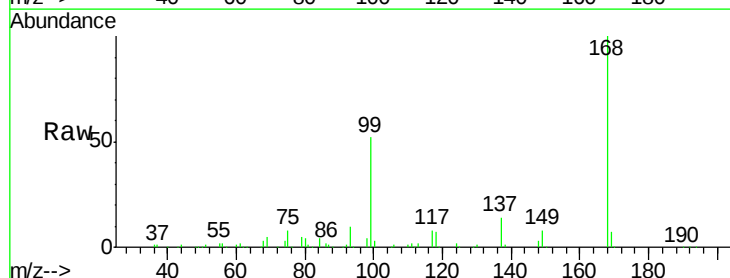
Tgt Ion: 117 Resp: 135771

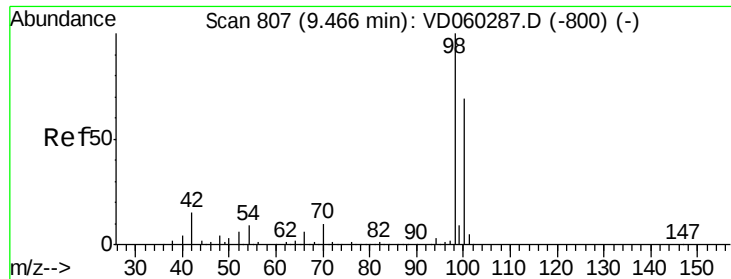
Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

121 0.0 24.3 36.5#

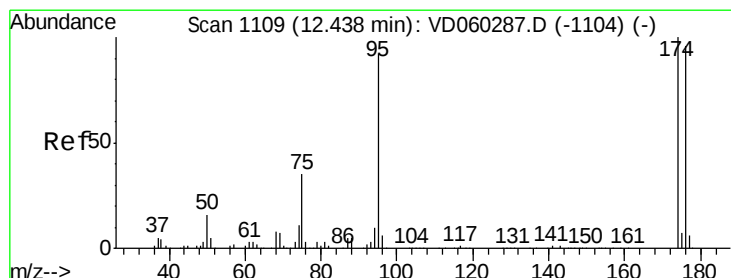
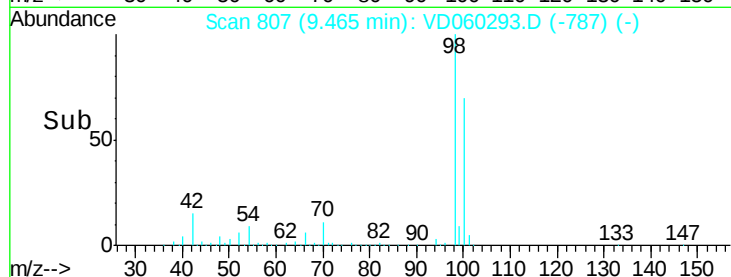
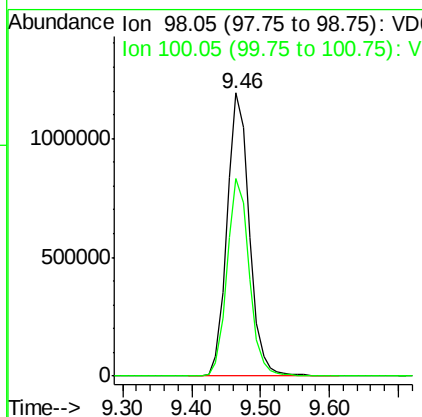
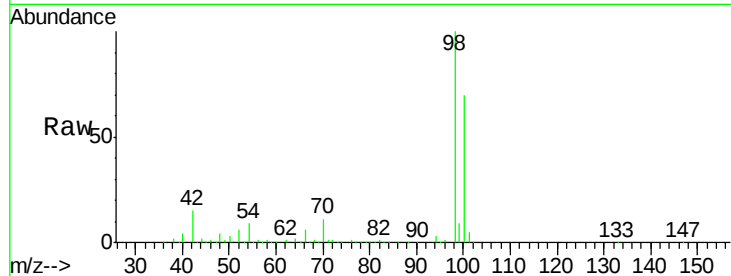




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

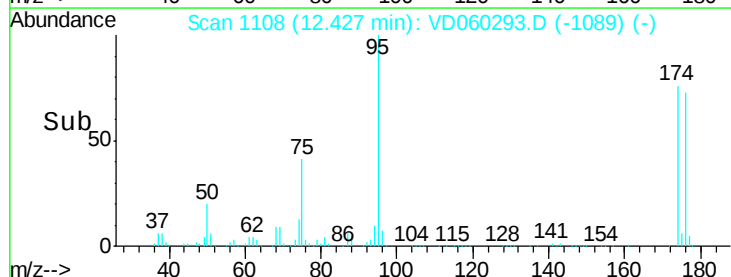
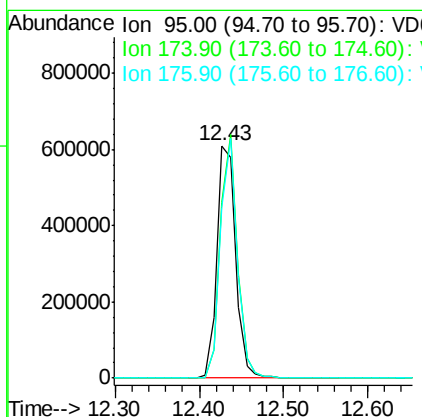
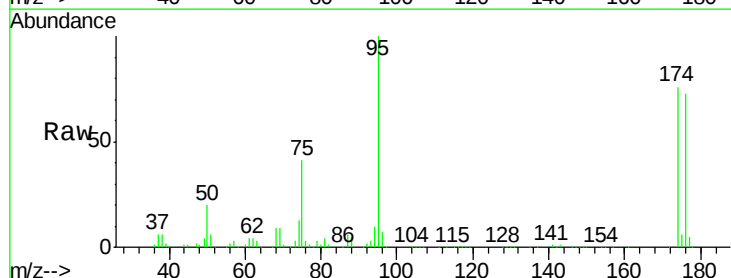
Instrument :
MSVOA_D
ClientSampled :

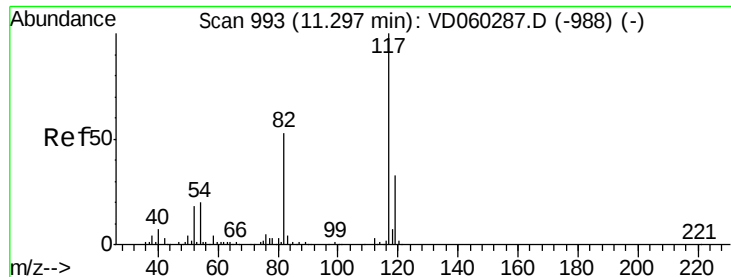
Tot Ion: 98 Resp: 2663452
Ion Ratio Lower Upper
98 100
100 69.7 55.2 82.8



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Tgt Ion: 95 Resp: 946420
Ion Ratio Lower Upper
95 100
174 75.7 0.0 160.8
176 73.4 0.0 154.6

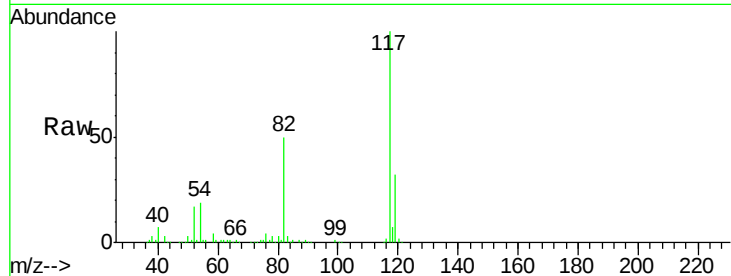




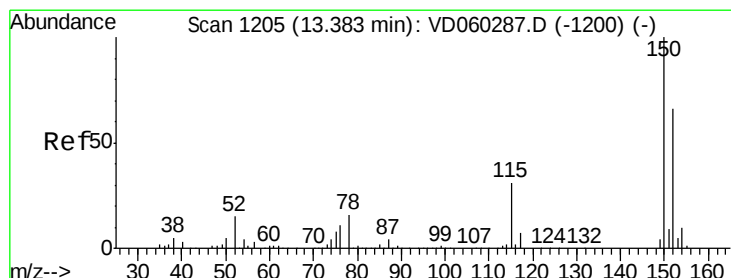
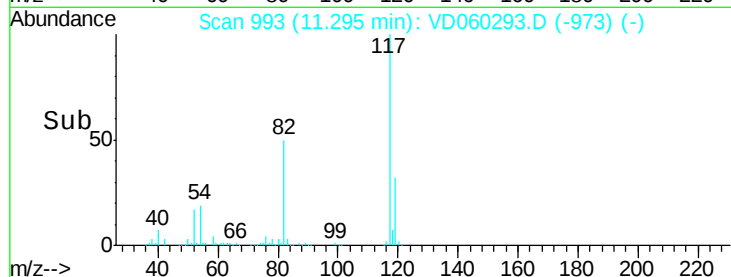
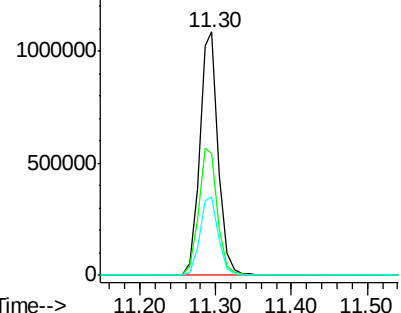
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1861366
Ion Ratio Lower Upper
117 100
82 50.2 43.7 65.5
119 32.4 26.1 39.1

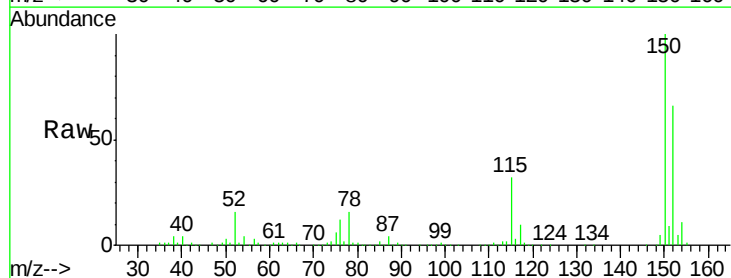


Abundance Ion 116.95 (116.65 to 117.65):
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65):

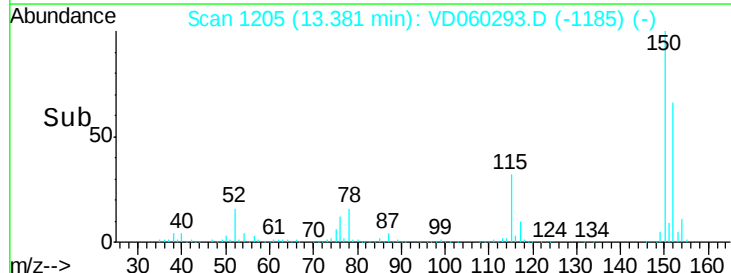
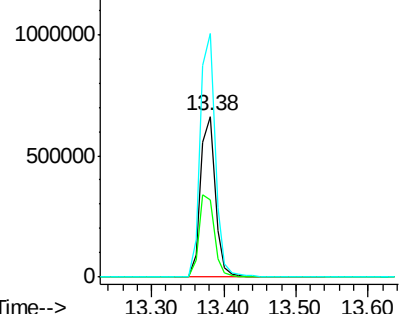


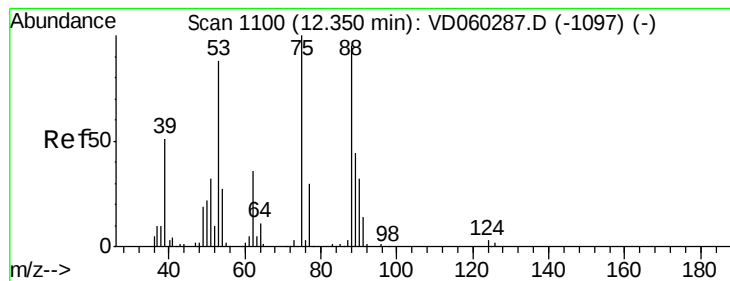
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060293.D
Acq: 7 Nov 2018 11:16

Tgt Ion:152 Resp: 934452
Ion Ratio Lower Upper
152 100
115 48.3 24.1 72.3
150 151.5 0.0 310.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 120.37 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060293.D

Acq: 7 Nov 2018 11:16

Instrument :

MSVOA_D

ClientSampleId :

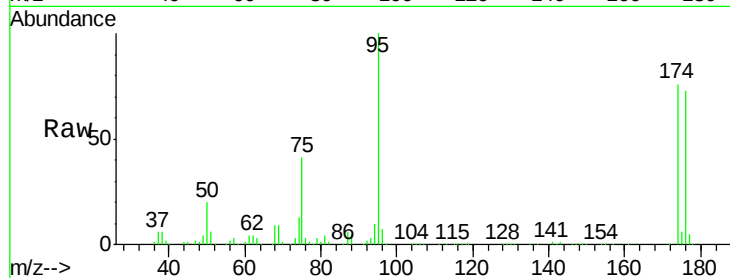
Tot Ion: 75 Resp: 383066

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): VD

Ion 53.00 (52.70 to 53.70): VD

Ion 89.00 (88.70 to 89.70): VD

