

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060403.D
 Acq On : 16 Nov 2018 17:35
 Operator : JC/SY
 Sample : J5963-01
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-OILY-STONE

Quant Time: Nov 17 03:00:46 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	1025786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1583367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	880476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	211650	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	343537	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
35) Dibromofluoromethane	6.33	113	456013	38.62	ug/l	0.00
Spiked Amount			Recovery	=	77.24%	
50) Toluene-d8	9.46	98	953992	27.61	ug/l	0.00
Spiked Amount			Recovery	=	55.22%	
62) 4-Bromofluorobenzene	12.44	95	239388	19.12	ug/l	0.00
Spiked Amount			Recovery	=	38.24%	

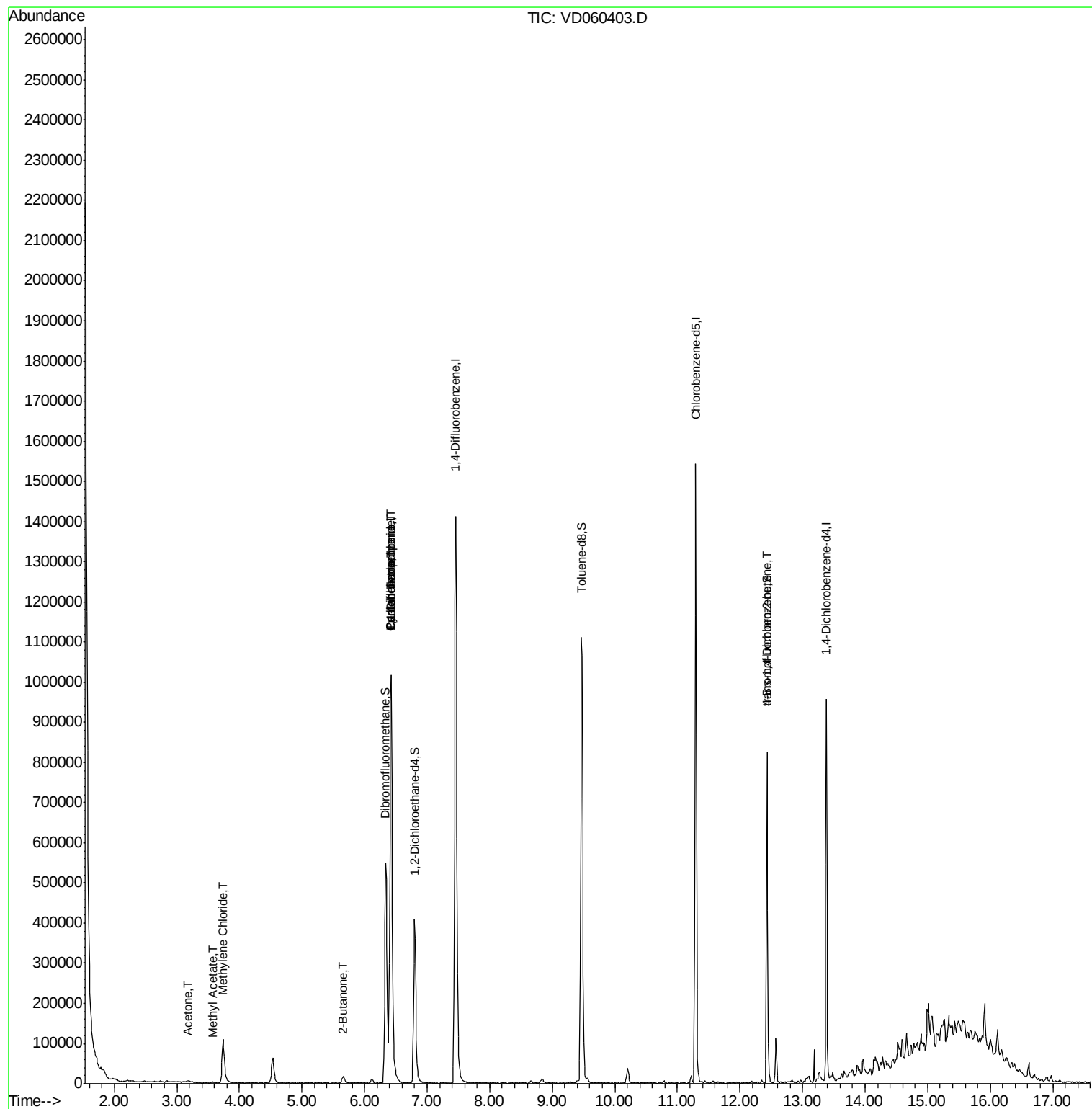
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	806	Below Cal	#	41
16) Acetone	3.18	43	9916	7.783	ug/l #	77
18) Methyl Acetate	3.57	43	6991	2.573	ug/l #	63
20) Methylene Chloride	3.74	84	69185	6.122	ug/l	91
25) 2-Butanone	5.64	43	3562	1.345	ug/l #	60
31) Cyclohexane	6.42	56	19550	1.115	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	71401	4.564	ug/l #	46
38) Carbon Tetrachloride	6.42	117	82736	5.702	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.44	75	89928	124.760	ug/l #	15
89) n-Butylbenzene	13.66	91	3107	Below Cal		84

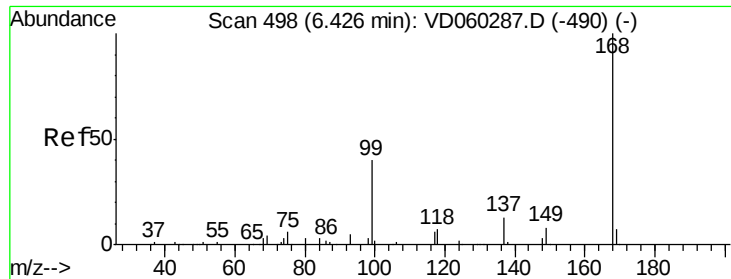
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111618\
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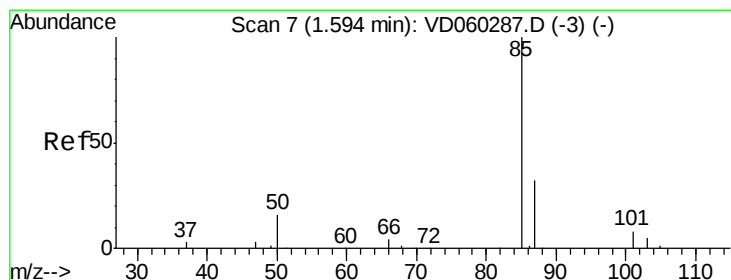
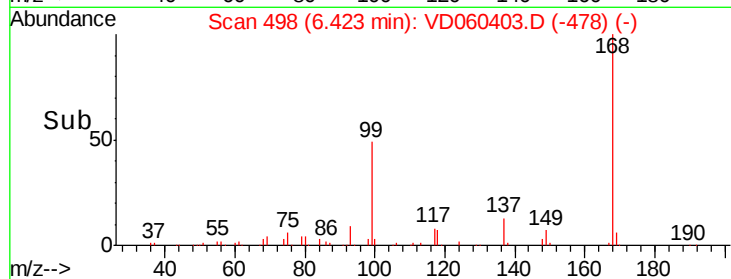
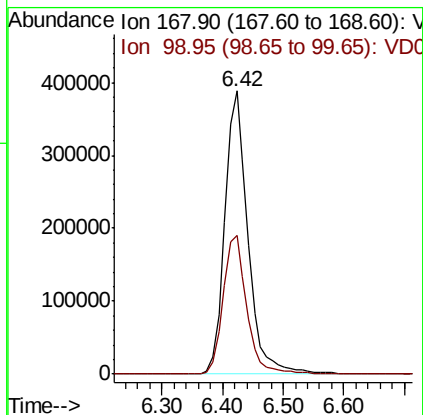
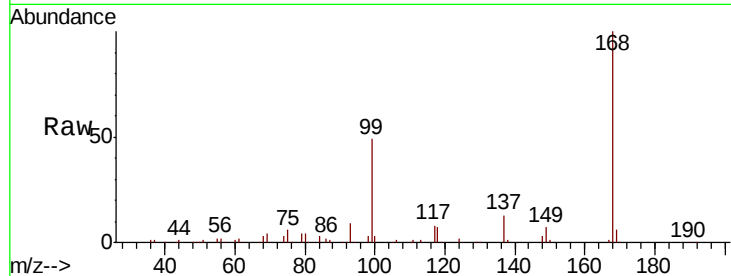




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

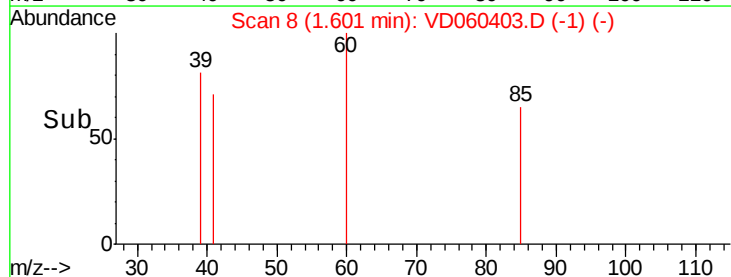
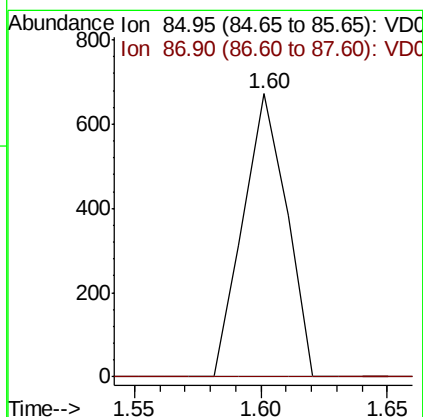
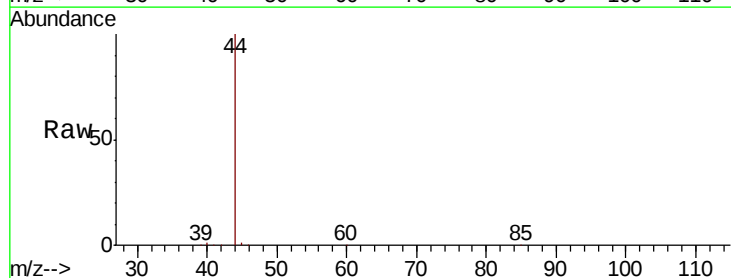
Instrument :
MSVOA_D
ClientSampleId :
FS-OILY-STONE

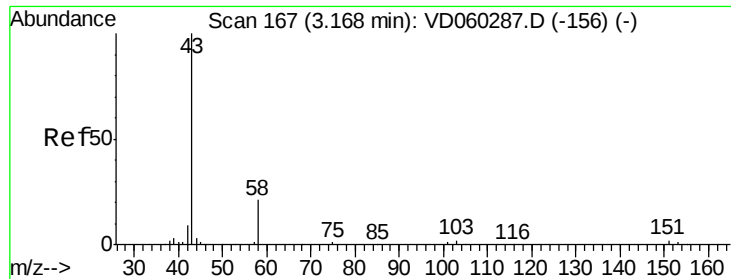
Tot Ion:168 Resp: 1025786
Ion Ratio Lower Upper
168 100
99 49.1 39.8 59.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.60 min Scan# 8
Delta R.T. 0.01 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Tgt Ion: 85 Resp: 806
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#16

Acetone

Concen: 7.783 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

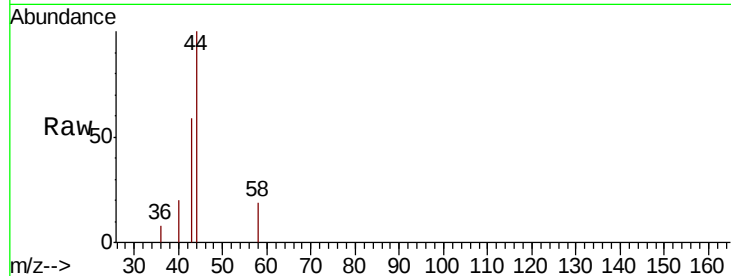
FS-OILY-STONE

Tot Ion: 43 Resp: 9916

Ion Ratio Lower Upper

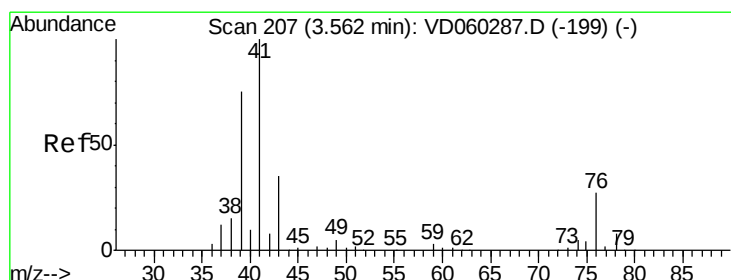
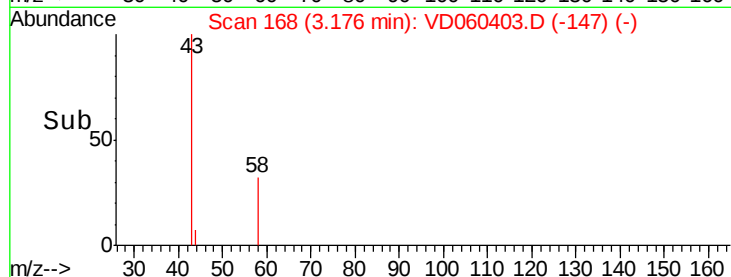
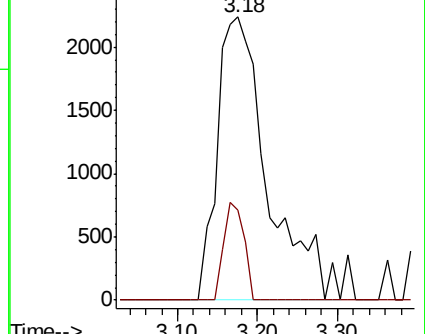
43 100

58 31.7 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 2.573 ug/l

RT: 3.57 min Scan# 208

Delta R.T. 0.01 min

Lab File: VD060403.D

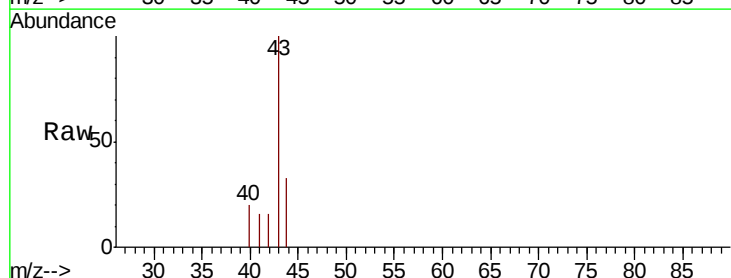
Acq: 16 Nov 2018 17:35

Tgt Ion: 43 Resp: 6991

Ion Ratio Lower Upper

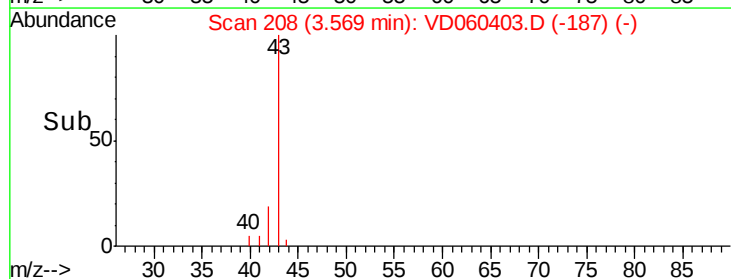
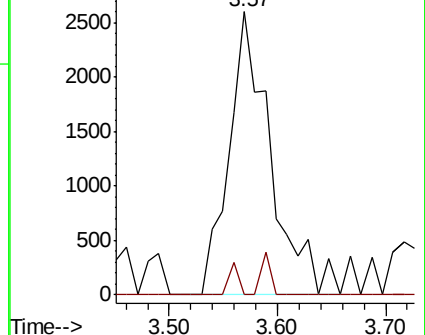
43 100

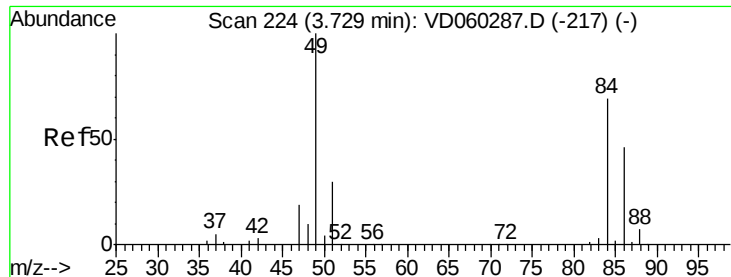
74 0.0 12.4 18.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

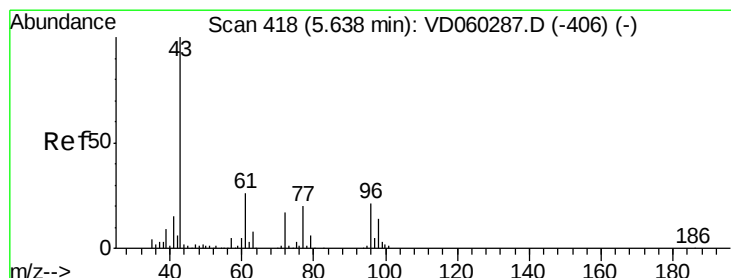
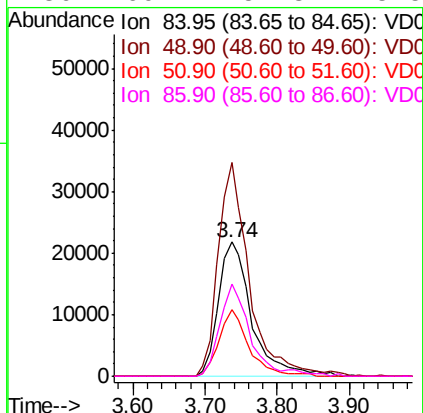
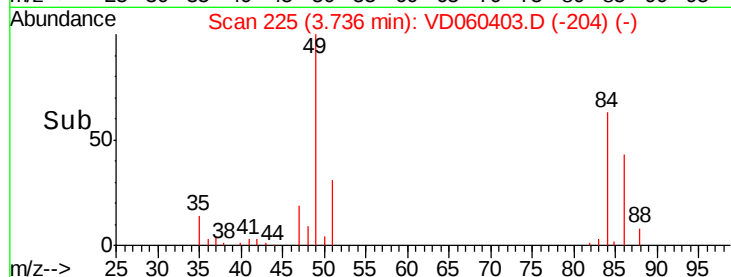
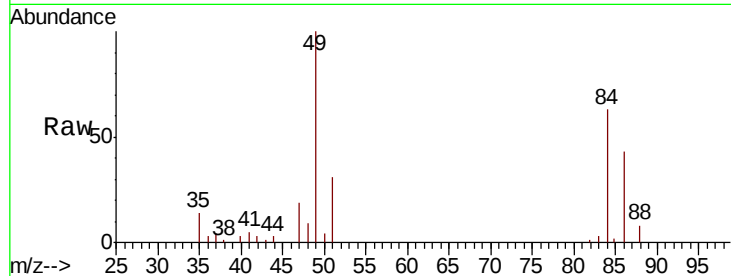




#20
Methvlene Chloride
Concen: 6.122 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

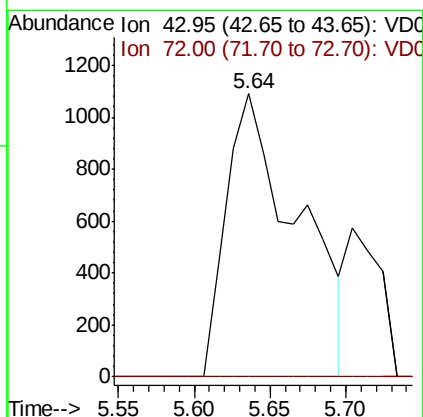
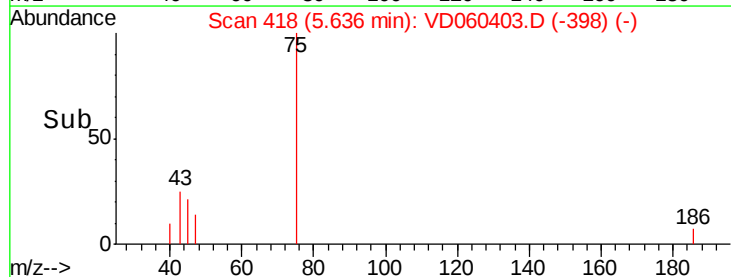
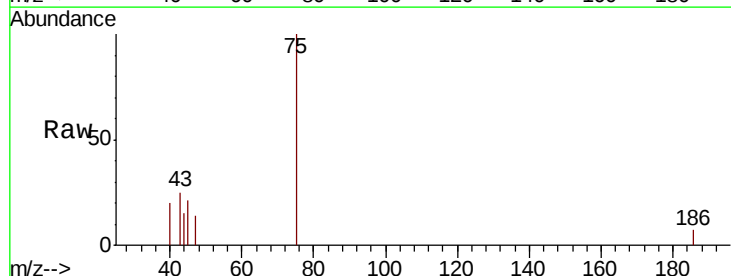
Instrument :
MSVOA_D
ClientSampleId :
FS-OILY-STONE

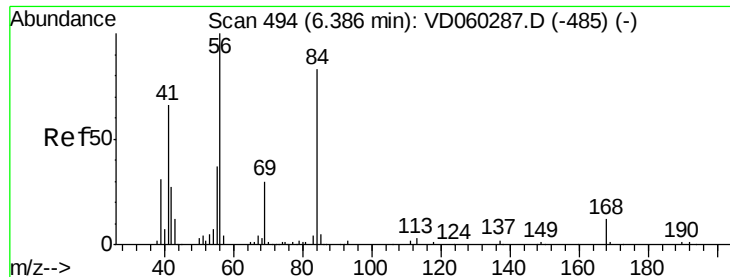
Tot Ion: 84 Resp: 69185
Ion Ratio Lower Upper
84 100
49 159.6 115.6 173.4
51 49.5 35.6 53.4
86 69.1 52.3 78.5



#25
2-Butanone
Concen: 1.345 ug/l
RT: 5.64 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#

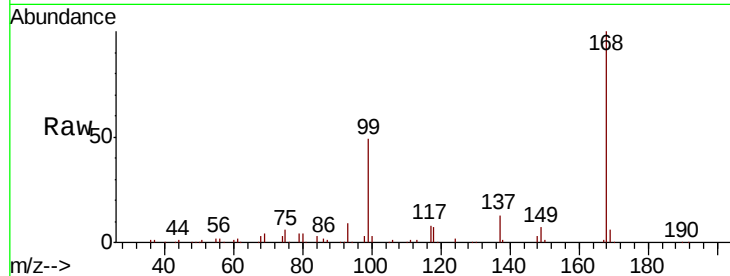




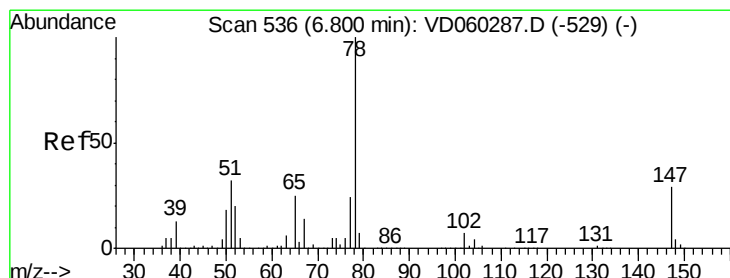
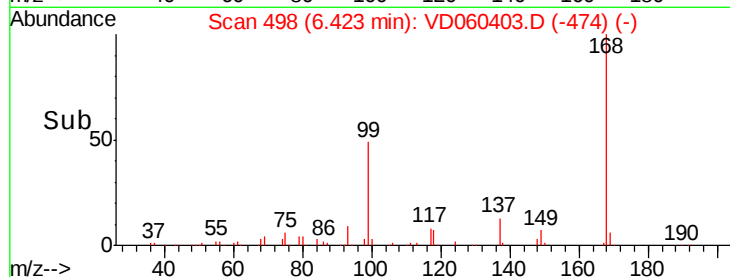
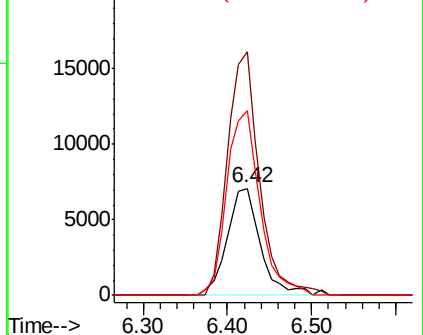
#31
Cyclohexane
Concen: 1.115 ug/l
RT: 6.42 min Scan# 498
Delta R.T. 0.04 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
FS-OILY-STONE

Tot Ion	56	69	84	Resp	19550	Lower	Upper
Ion	Ratio						
56	100						
69	227.3	22.2			33.2#		
84	172.2	63.0			94.4#		

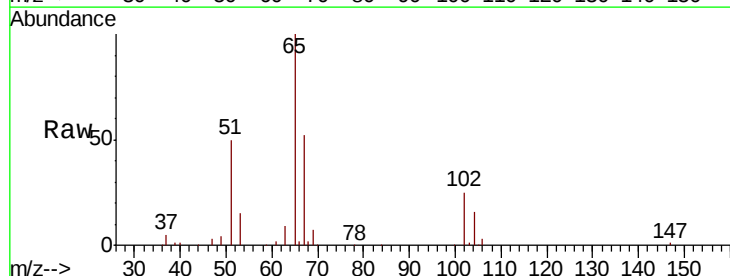


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

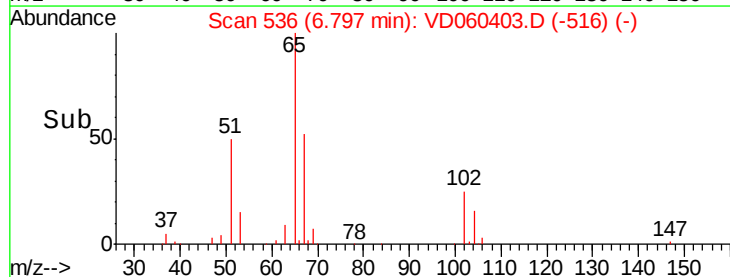
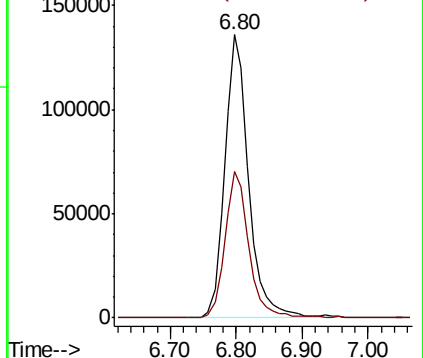


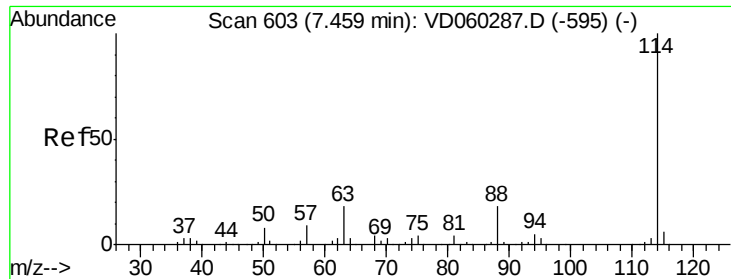
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Tgt Ion	65	67	Resp	343537	Lower	Upper
Ion	Ratio					
65	100					
67	51.8	0.0		109.8		



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

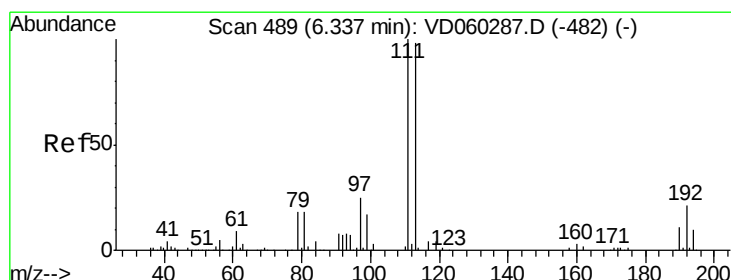
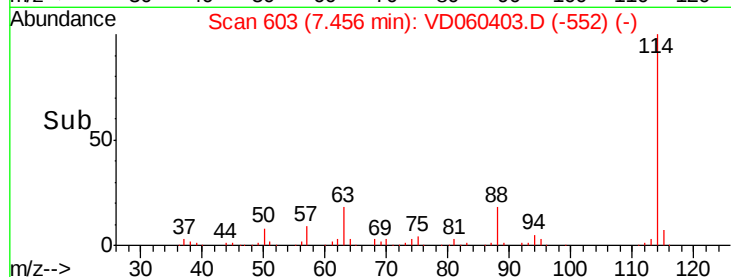
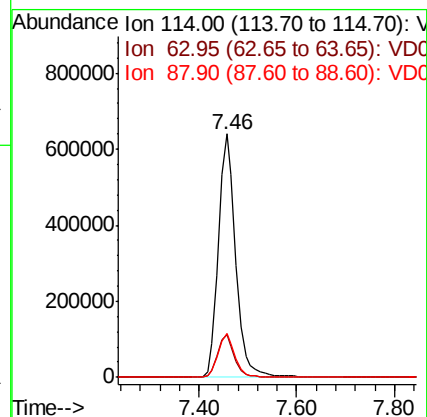
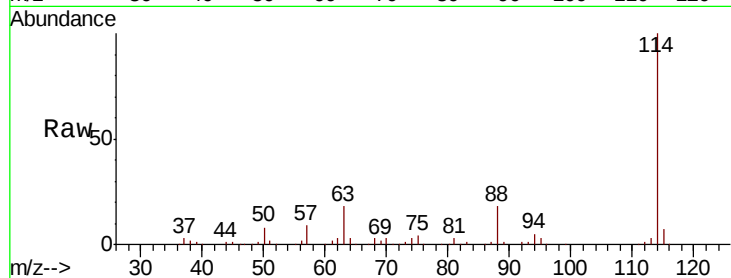




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

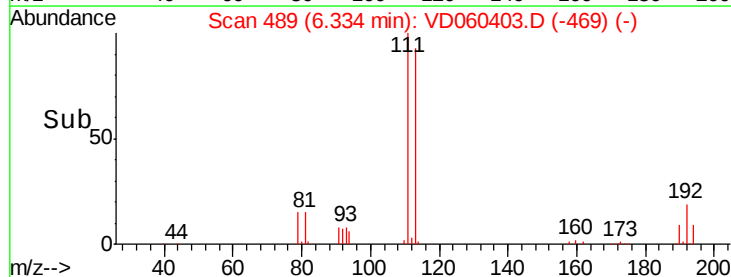
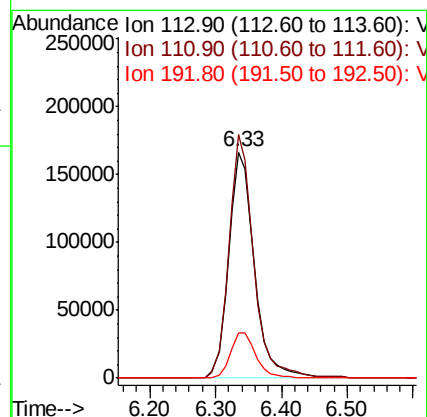
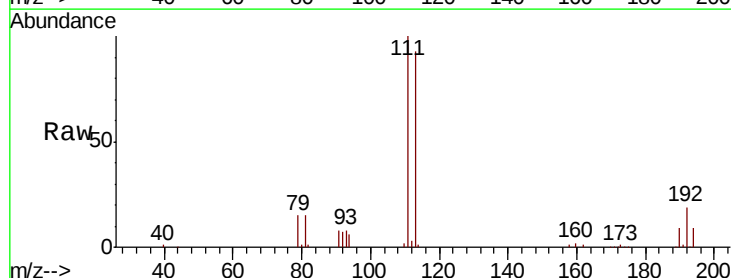
Instrument :
MSVOA_D
ClientSampleId :
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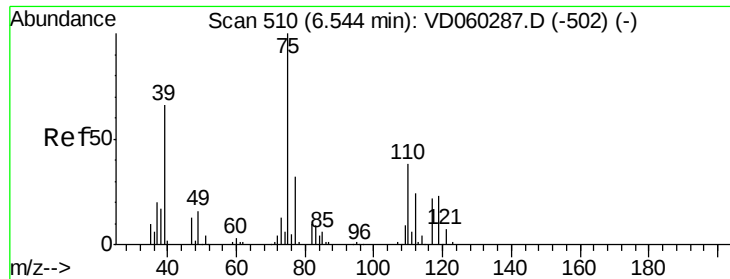
Tot Ion:114 Resp: 1583367
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.0
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Tgt Ion:113 Resp: 456013
Ion Ratio Lower Upper
113 100
111 107.6 81.6 122.4
192 20.0 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.13 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

FS-OILY-STONE

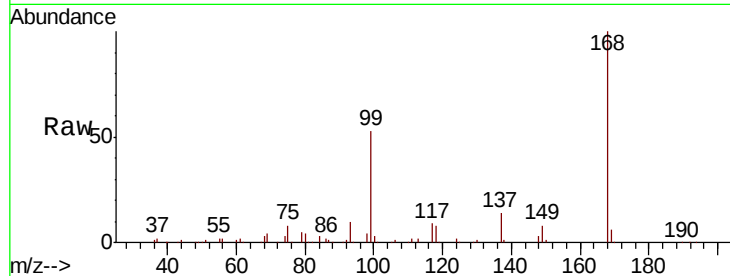
Tot Ion: 75 Resp: 71401

Ion Ratio Lower Upper

75 100

110 6.0 18.0 54.0#

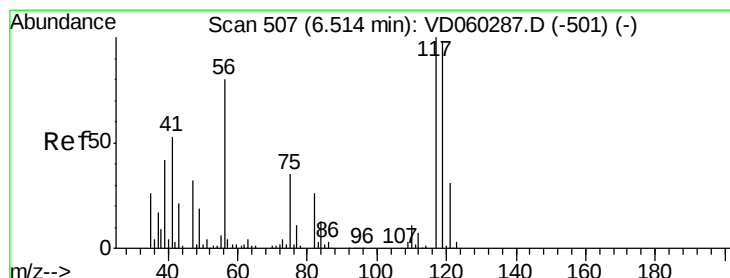
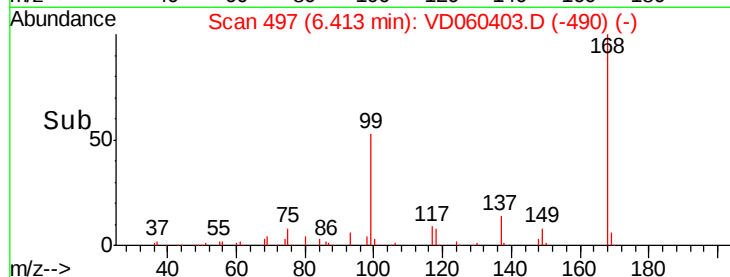
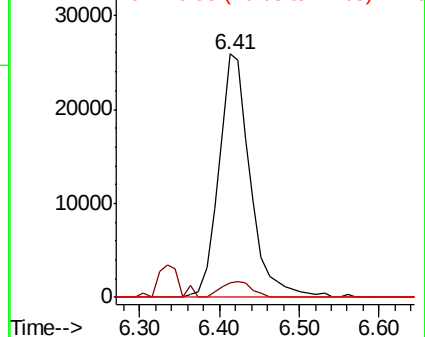
77 0.0 25.6 38.4#



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: 5.702 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.09 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

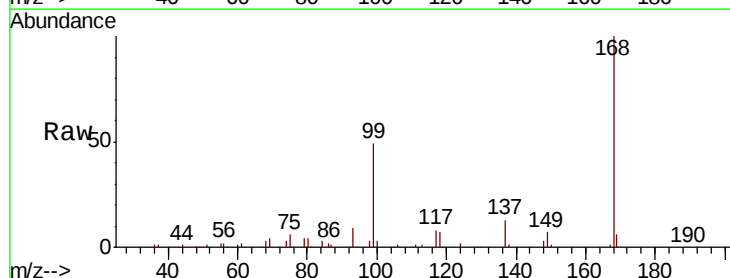
Tgt Ion: 117 Resp: 82736

Ion Ratio Lower Upper

117 100

119 4.4 76.6 115.0#

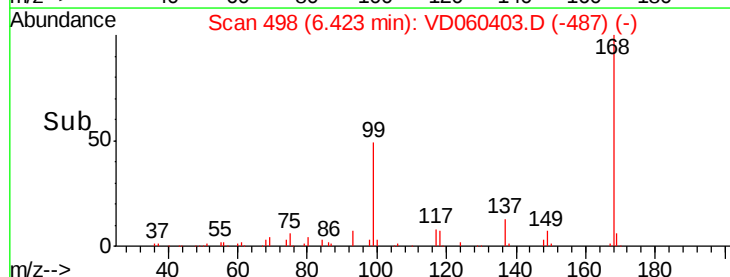
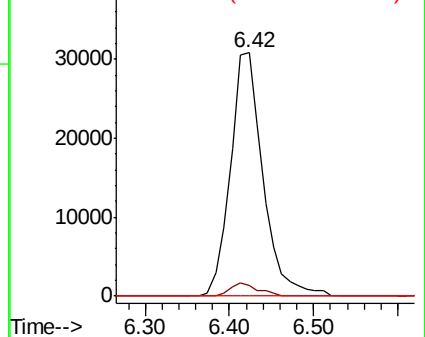
121 0.0 24.3 36.5#

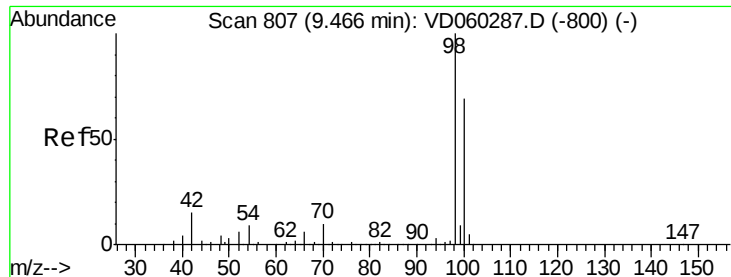


Abundance Ion 116.85 (116.55 to 117.55): V

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: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

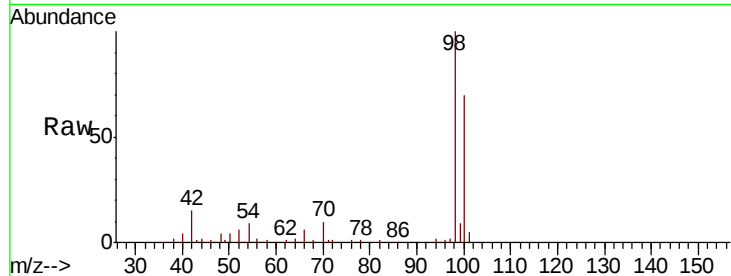
FS-OILY-STONE

Tot Ion: 98 Resp: 953992

Ion Ratio Lower Upper

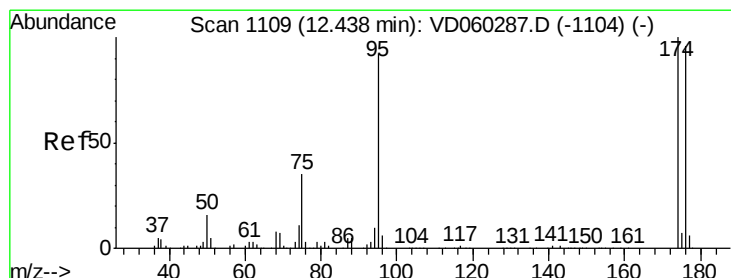
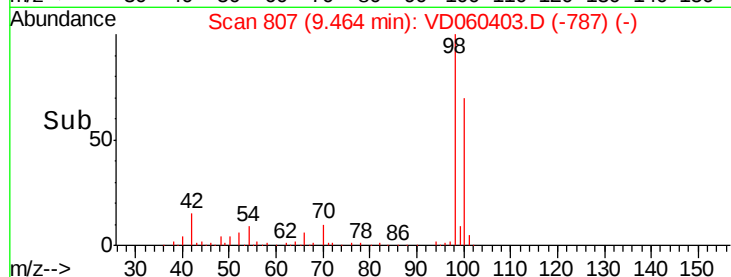
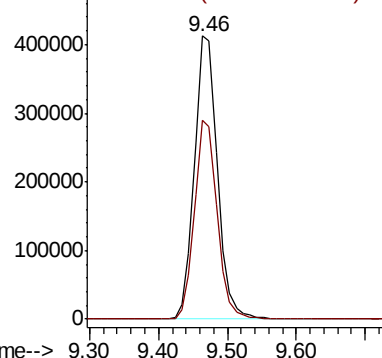
98 100

100 70.4 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

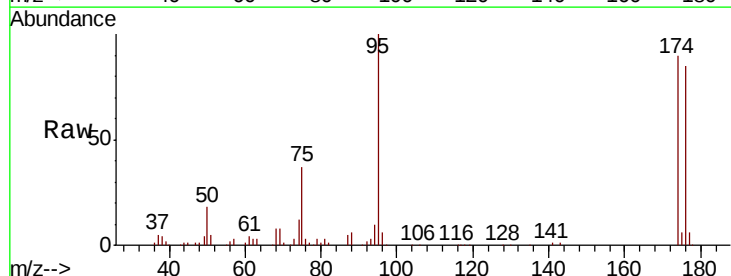
Tgt Ion: 95 Resp: 239388

Ion Ratio Lower Upper

95 100

174 90.3 0.0 160.8

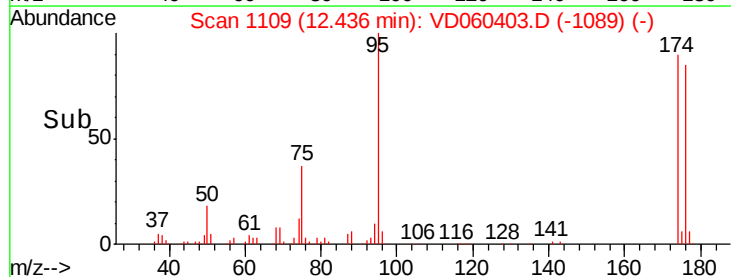
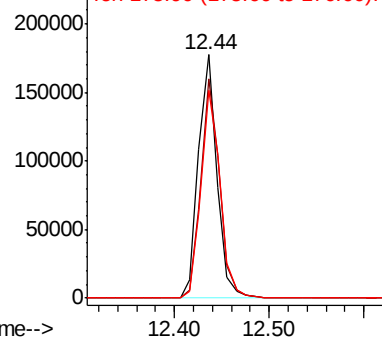
176 85.2 0.0 154.6

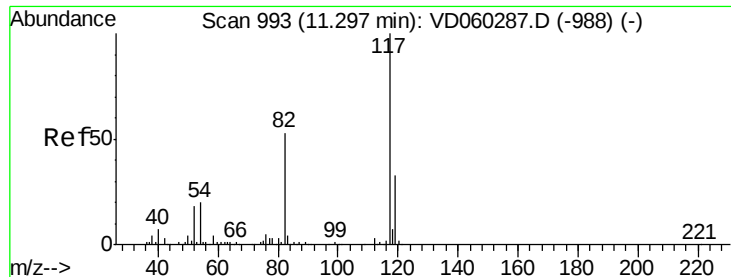


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

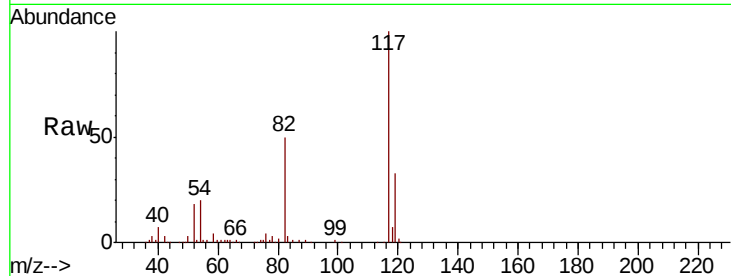




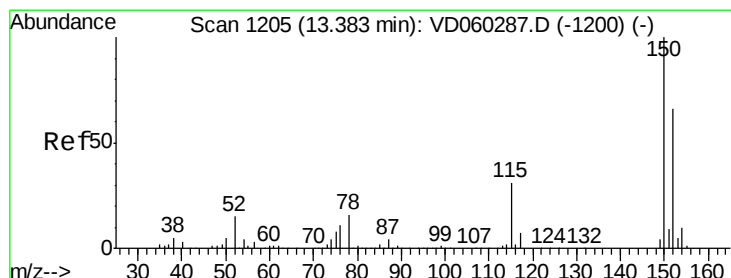
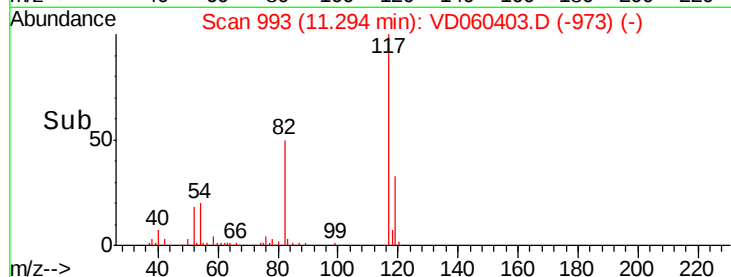
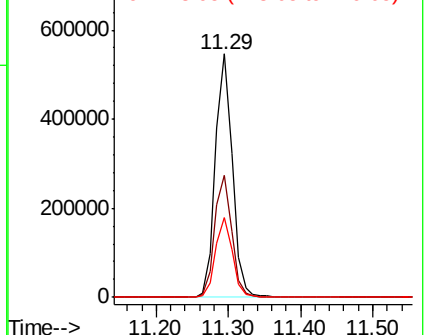
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
FS-OILY-STONE

Tot Ion:117 Resp: 880476
Ion Ratio Lower Upper
117 100
82 50.4 43.7 65.5
119 32.8 26.1 39.1

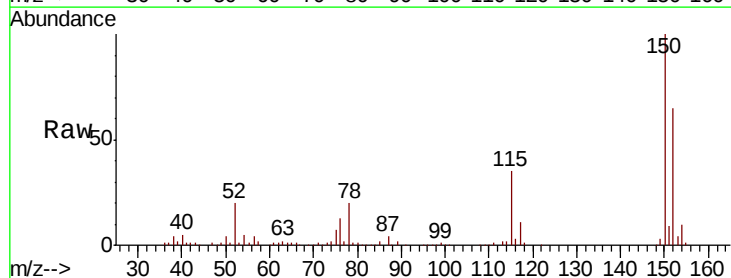


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

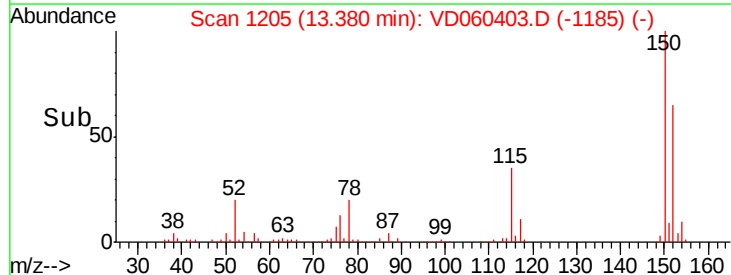
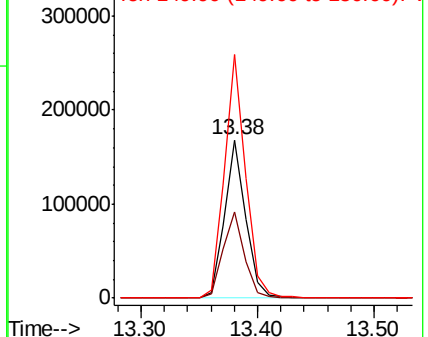


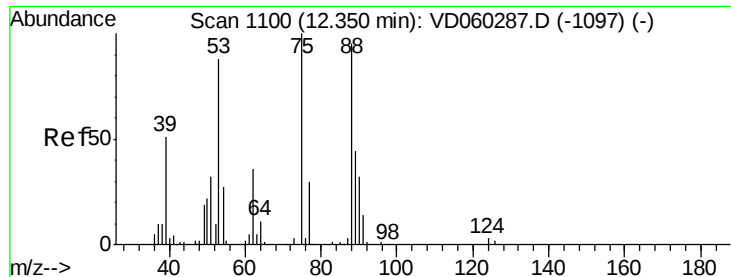
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060403.D
Acq: 16 Nov 2018 17:35

Tgt Ion:152 Resp: 211650
Ion Ratio Lower Upper
152 100
115 54.5 24.1 72.3
150 153.9 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: 124.760 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060403.D

Acq: 16 Nov 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

FS-OILY-STONE

Tot Ion: 75 Resp: 89928

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#

