

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060196.D
 Acq On : 25 Oct 2018 15:36
 Operator : JC/SY
 Sample : VD1025SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBL01

Quant Time: Oct 26 03:41:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1637536	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2297397	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1843117	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	979783	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	694292	55.93	ug/l	0.03
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	6.33	113	948665	54.38	ug/l	0.03
Spiked Amount			Recovery	=	108.76%	
50) Toluene-d8	9.46	98	2618171	52.63	ug/l	0.02
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.43	95	983787	52.82	ug/l	0.01
Spiked Amount			Recovery	=	105.64%	

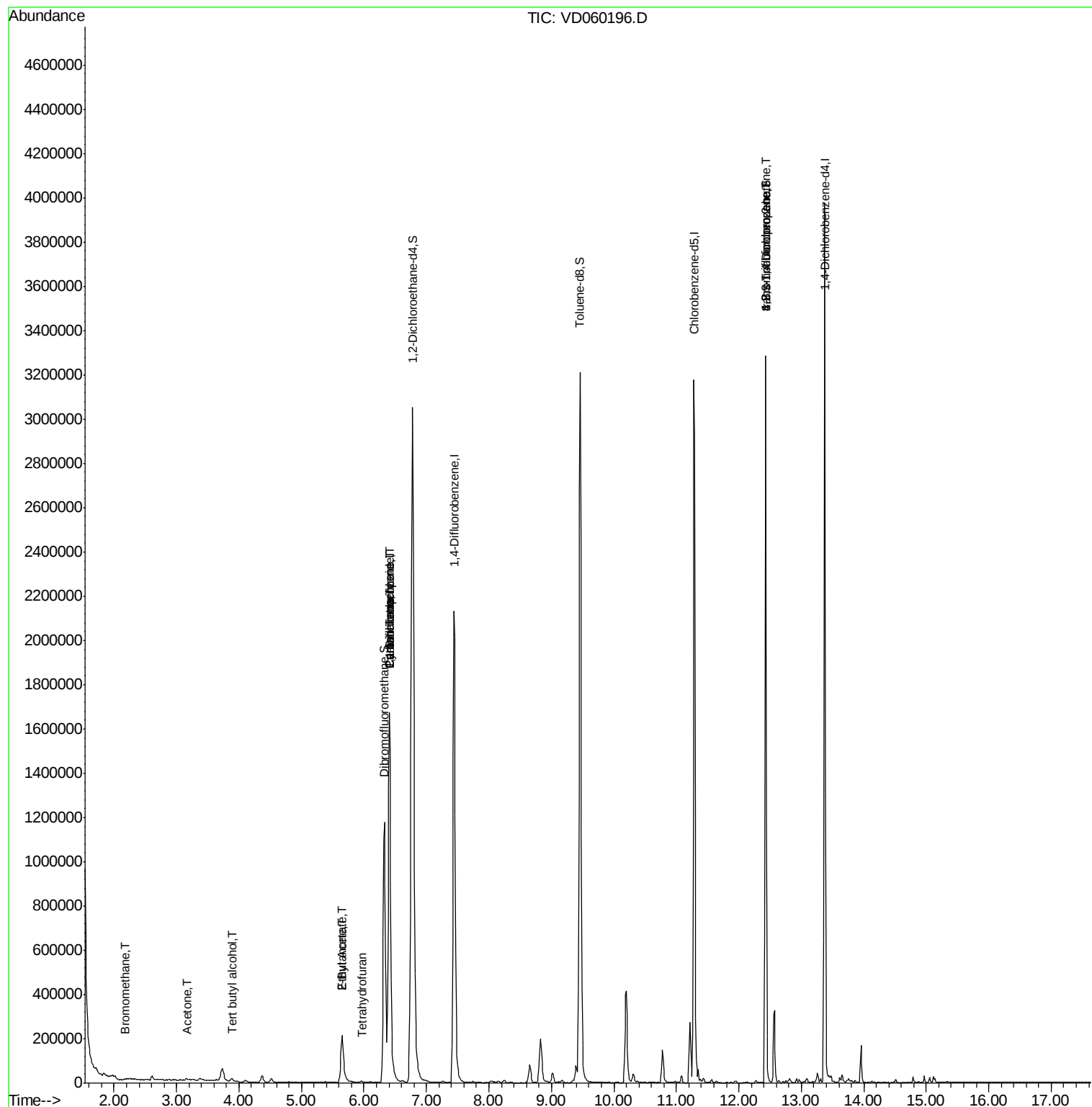
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	2351	1.647	ug/l #	80
11) Tert butyl alcohol	3.88	59	14476	16.261	ug/l #	74
16) Acetone	3.16	43	21378	9.491	ug/l	93
20) Methylene Chloride	3.73	84	20638	Below Cal		93
25) 2-Butanone	5.65	43	27780	4.937	ug/l #	78
29) Tetrahydrofuran	5.97	42	4037	1.235	ug/l #	59
31) Cyclohexane	6.41	56	32654	1.214	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	119852	5.459	ug/l #	48
37) Ethyl Acetate	5.65	43	27969	1.919	ug/l #	6
38) Carbon Tetrachloride	6.41	117	134301	6.740	ug/l #	15
76) 1,2,3-Trichloropropane	12.42	75	394835	27.982	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	397113	100.161	ug/l #	13

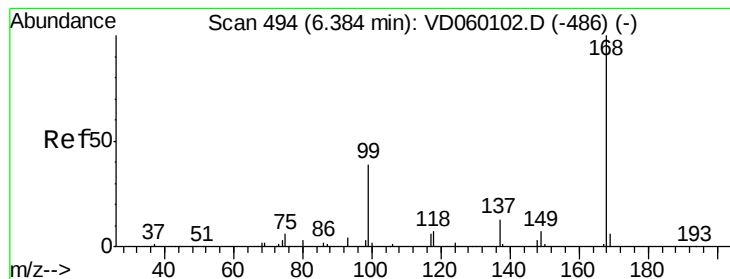
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
Data File : VD060196.D
Acq On : 25 Oct 2018 15:36
Operator : JC/SY
Sample : VD1025SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Oct 26 03:41:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

Instrument :

MSVOA_D

ClientSampleId :

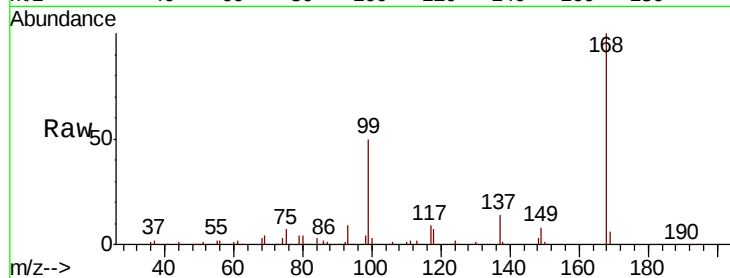
VD1025SBL01

Tot Ion:168 Resp: 1637536

Ion Ratio Lower Upper

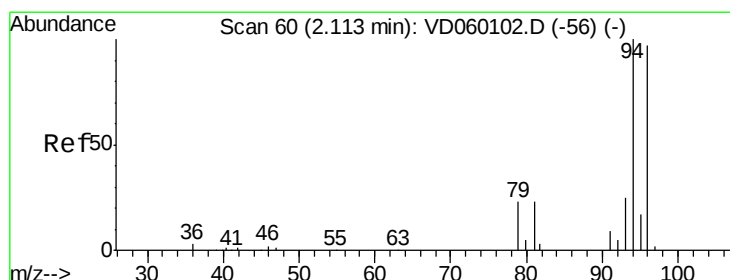
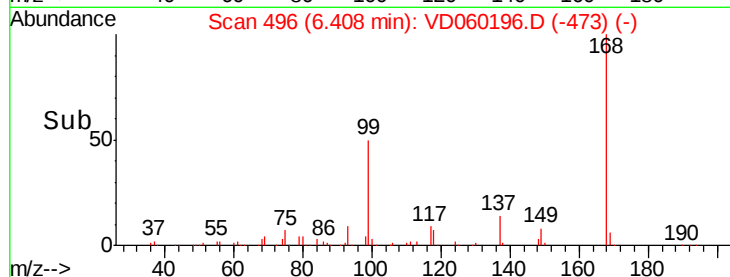
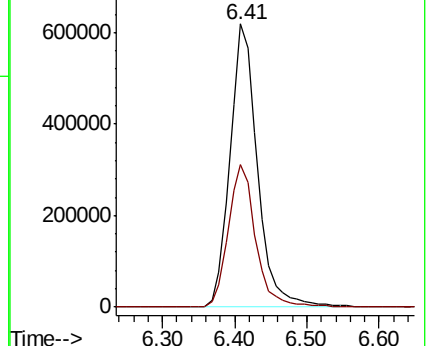
168 100

99 50.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.647 ug/l

RT: 2.18 min Scan# 66

Delta R.T. 0.06 min

Lab File: VD060196.D

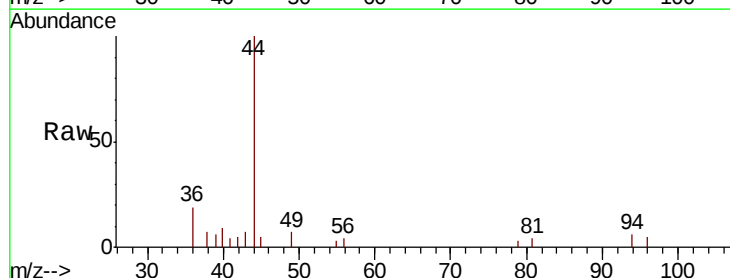
Acq: 25 Oct 2018 15:36

Tgt Ion: 94 Resp: 2351

Ion Ratio Lower Upper

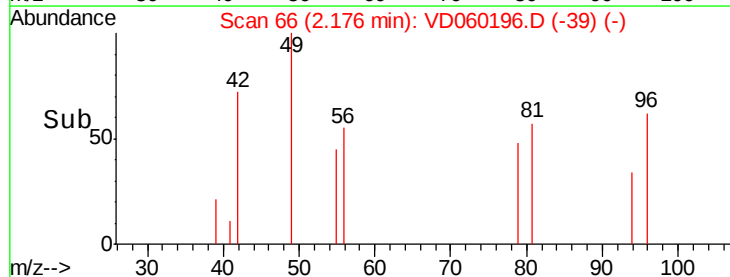
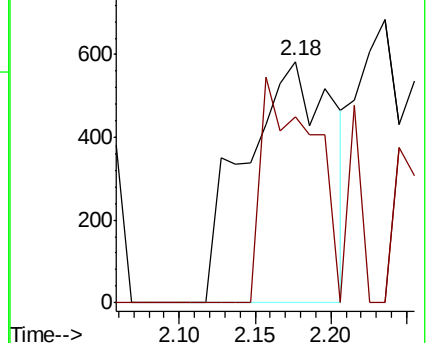
94 100

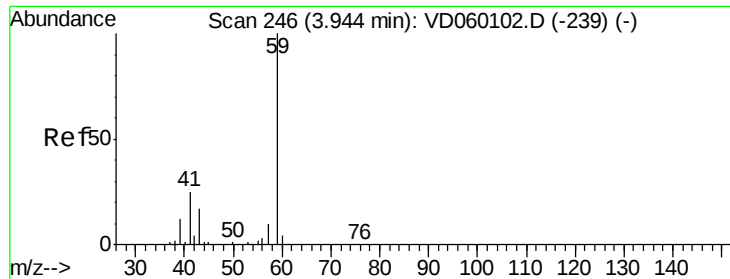
96 76.9 77.4 116.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

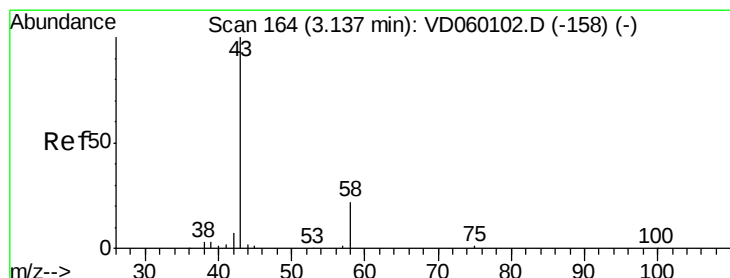
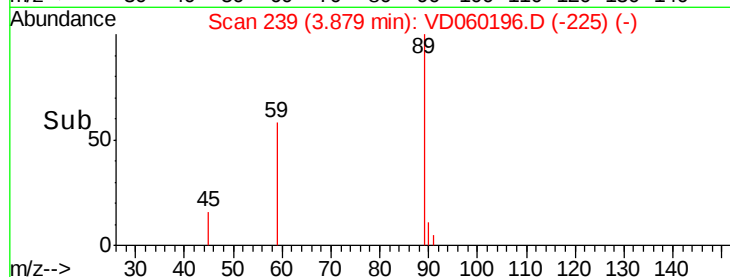
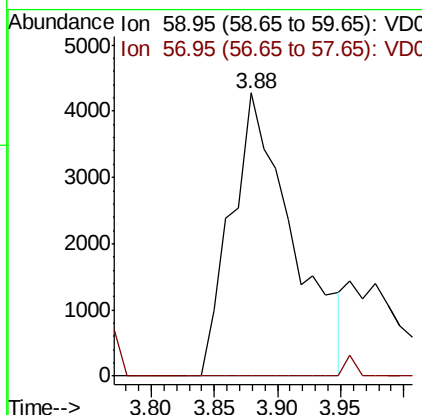
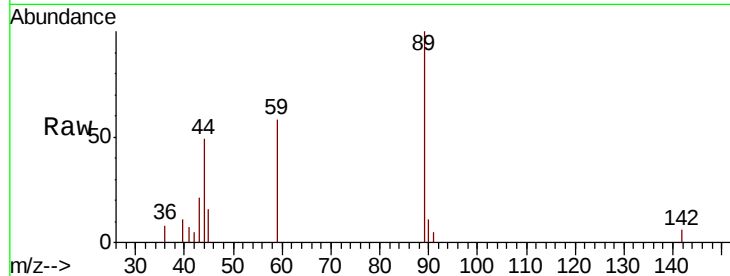




#11
Tert butyl alcohol
Concen: 16.261 ug/l
RT: 3.88 min Scan# 239
Delta R.T. -0.06 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

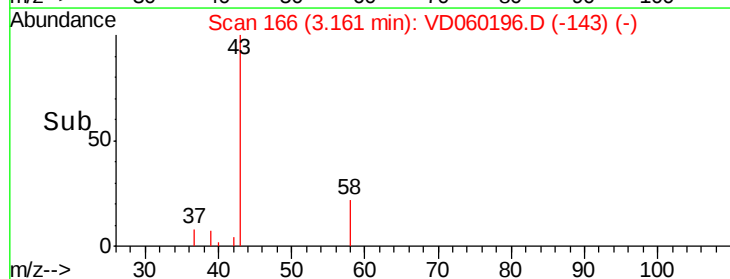
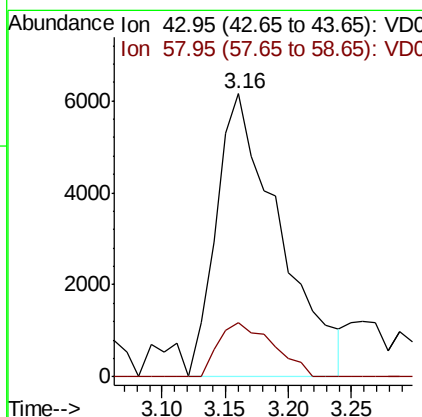
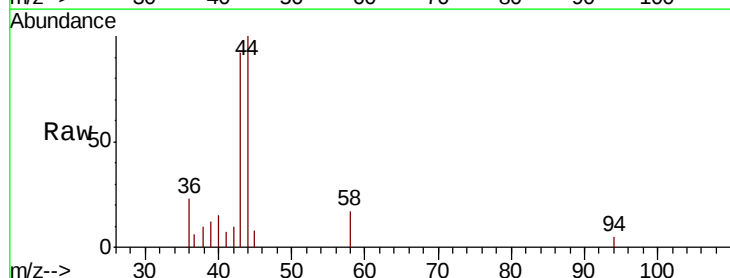
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

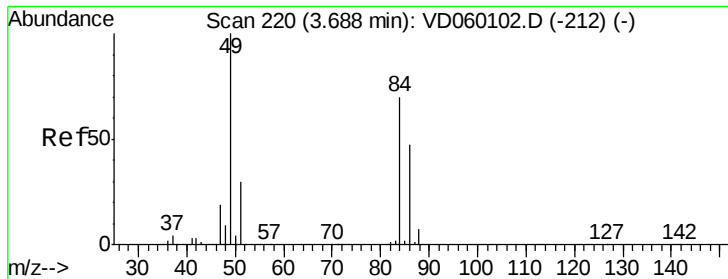
Tot Ion: 59 Resp: 14476
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.491 ug/l
RT: 3.16 min Scan# 166
Delta R.T. 0.02 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion: 43 Resp: 21378
Ion Ratio Lower Upper
43 100
58 19.0 17.7 26.5

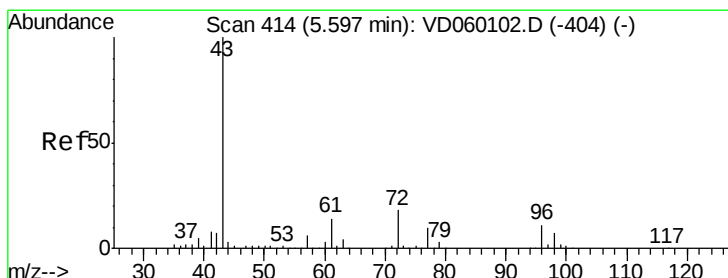
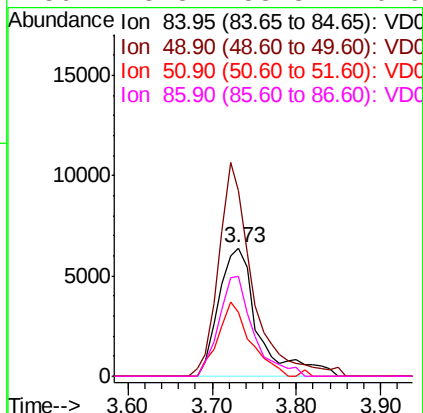
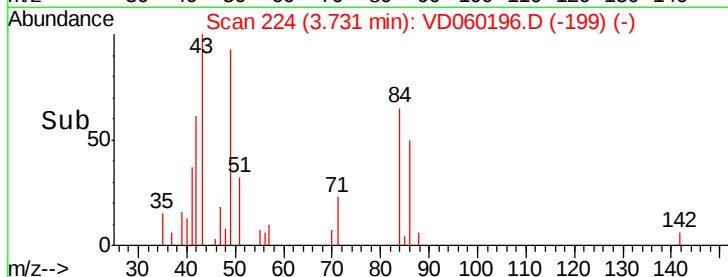
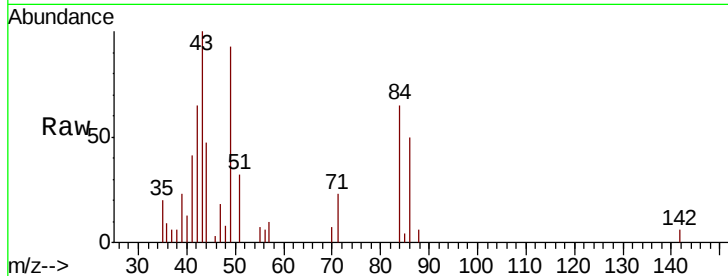




#20
Methvlene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

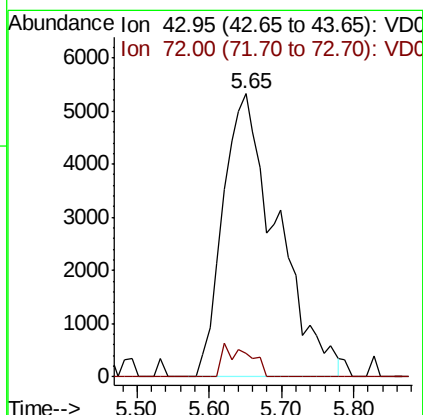
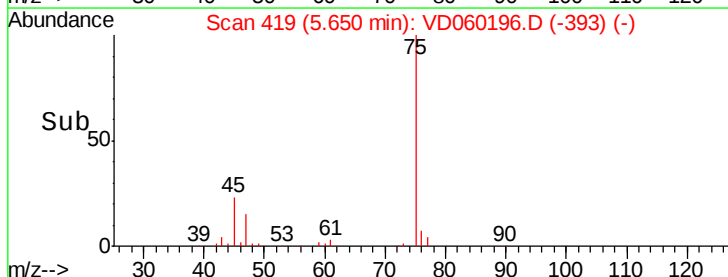
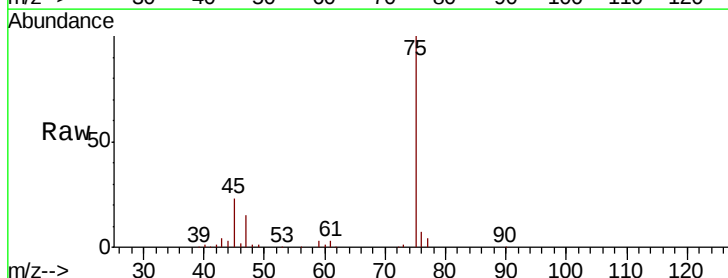
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

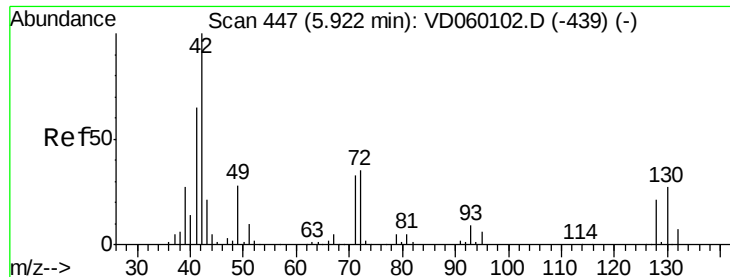
Tot Ion: 84 Resp: 20638
Ion Ratio Lower Upper
84 100
49 144.7 114.6 172.0
51 50.0 33.8 50.8
86 78.3 53.3 79.9



#25
2-Butanone
Concen: 4.937 ug/l
RT: 5.65 min Scan# 419
Delta R.T. 0.05 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion: 43 Resp: 27780
Ion Ratio Lower Upper
43 100
72 8.3 14.5 21.7#

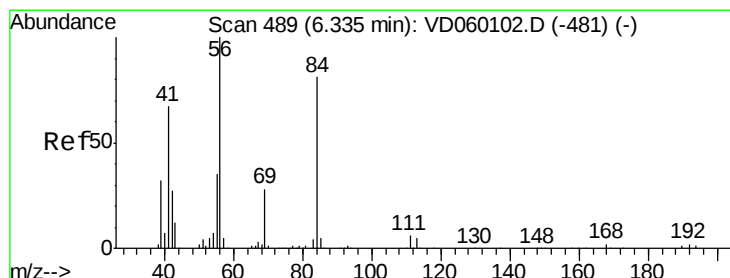
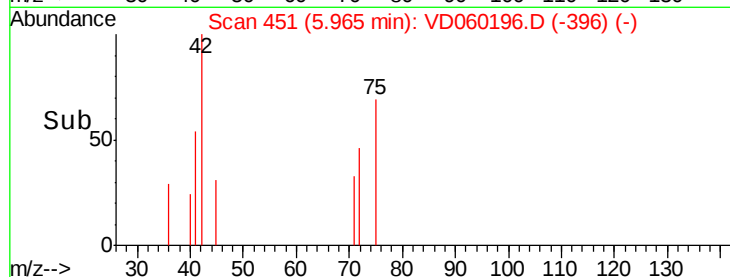
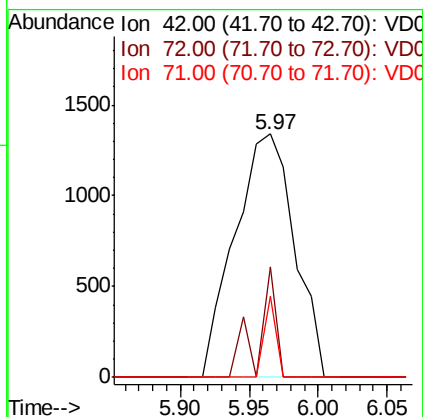
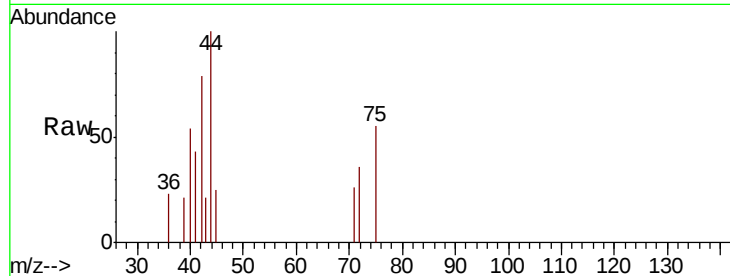




#29
Tetrahydrofuran
Concen: 1.235 ug/l
RT: 5.97 min Scan# 451
Delta R.T. 0.04 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

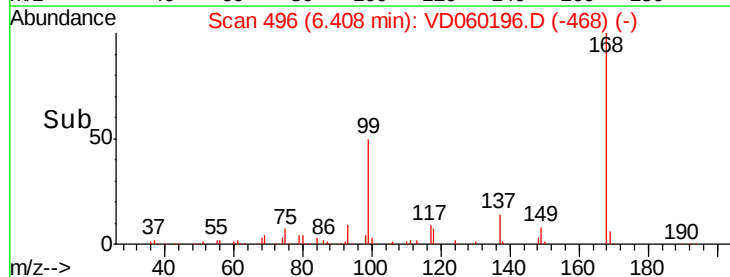
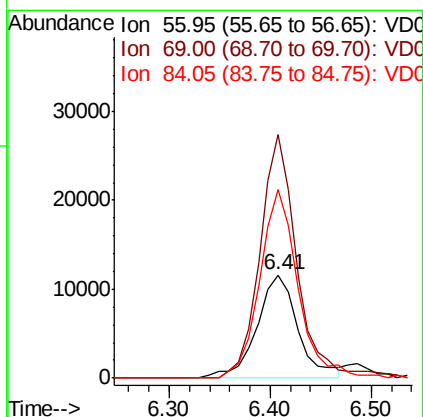
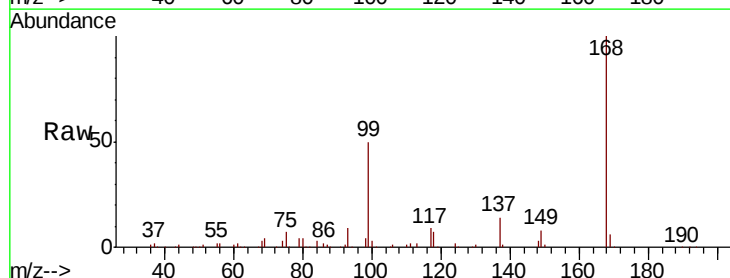
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

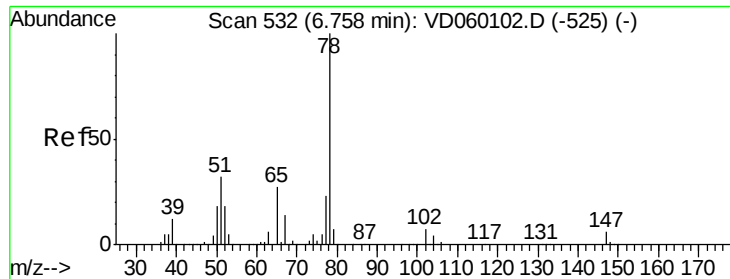
Tot Ion: 42 Resp: 4037
Ion Ratio Lower Upper
42 100
72 13.8 26.9 40.3#
71 6.6 26.7 40.1#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion: 56 Resp: 32654
Ion Ratio Lower Upper
56 100
69 235.5 22.8 34.2#
84 181.8 64.9 97.3#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

Instrument :

MSVOA_D

ClientSampleId :

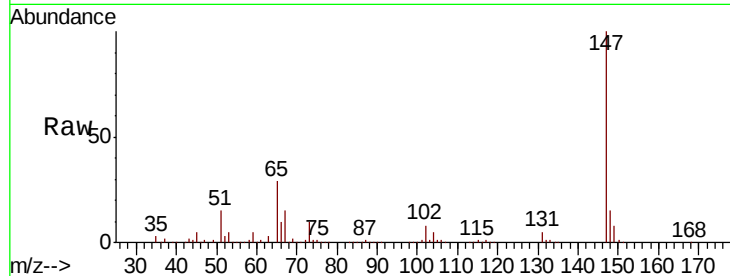
VD1025SBL01

Tot Ion: 65 Resp: 694292

Ion Ratio Lower Upper

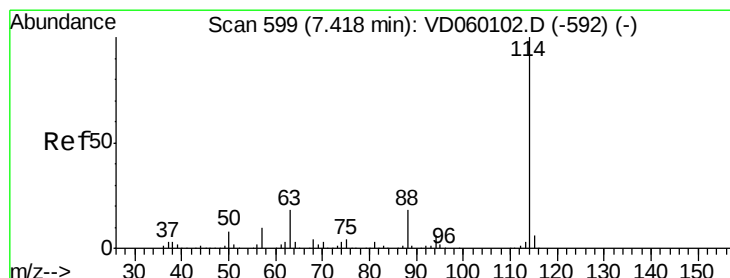
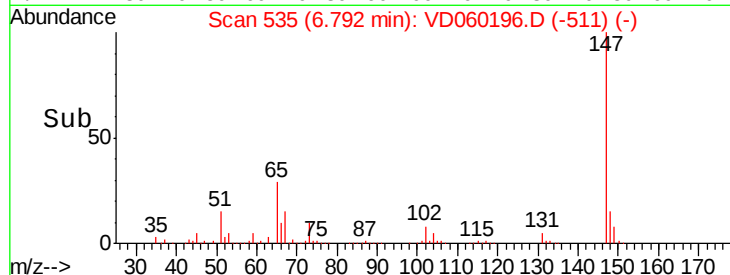
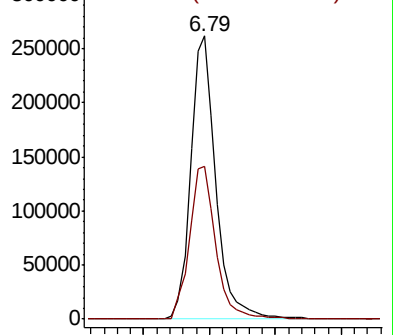
65 100

67 53.9 0.0 106.2



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: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

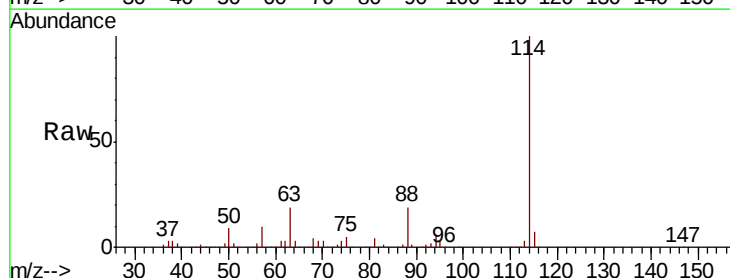
Tgt Ion: 114 Resp: 2297397

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.0

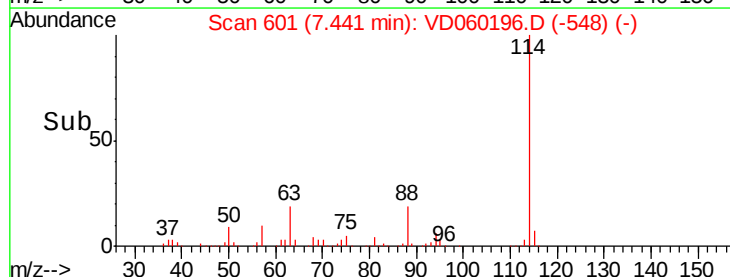
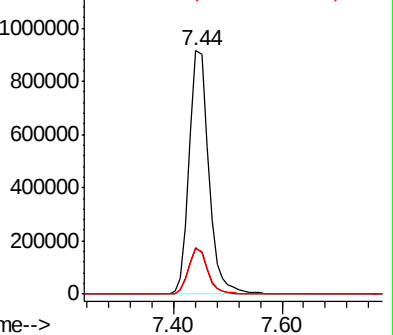
88 18.8 0.0 36.2

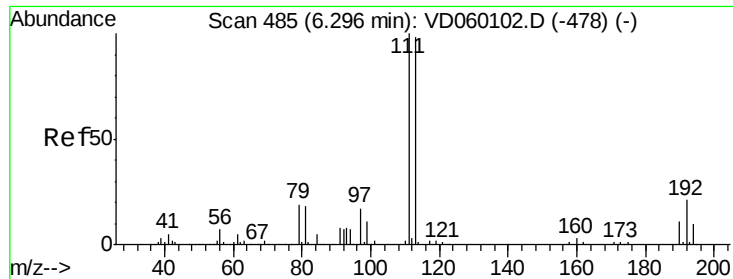


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

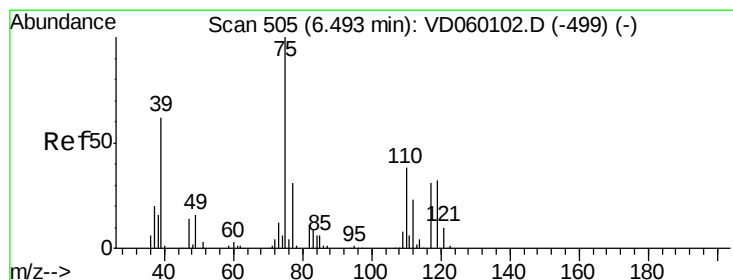
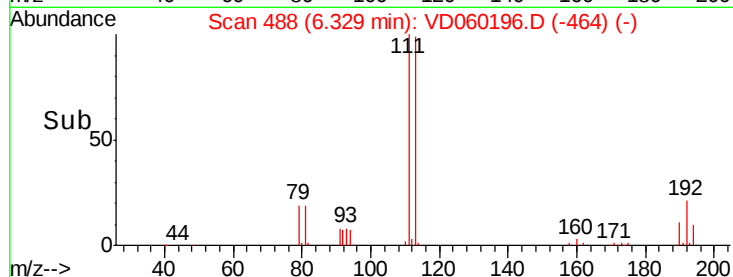
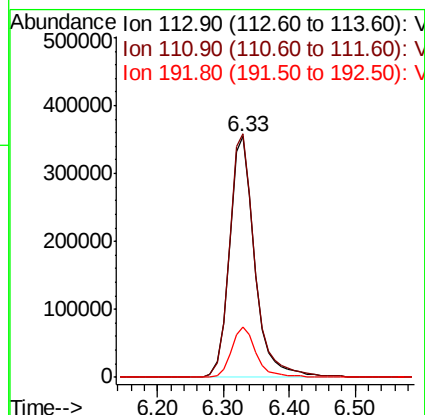
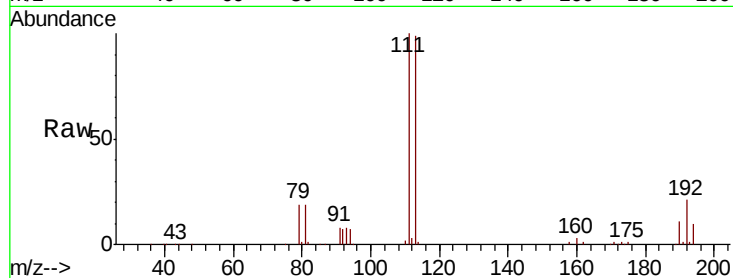




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

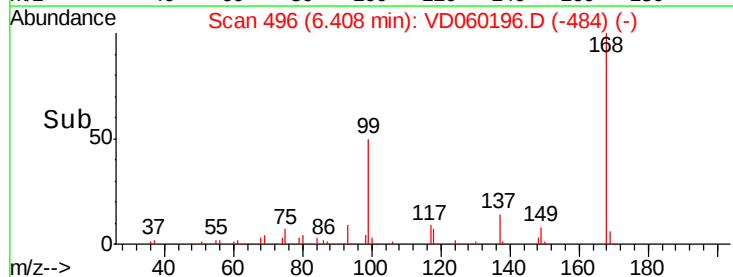
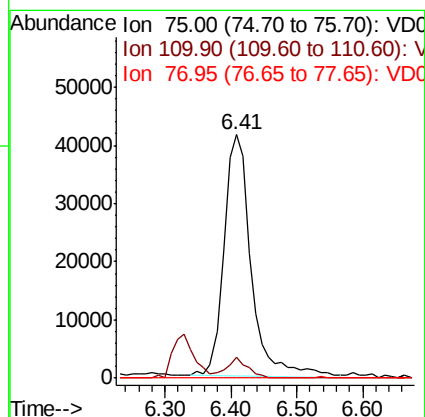
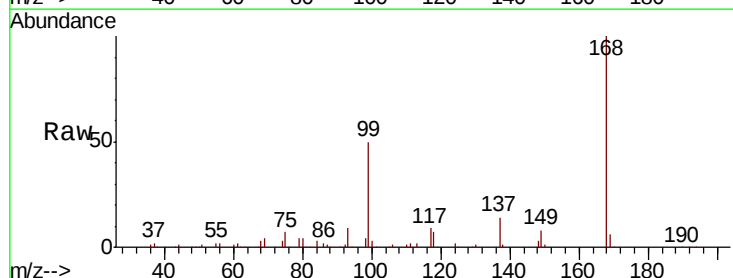
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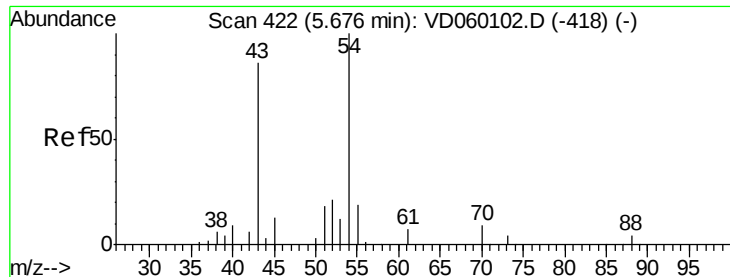
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.5	122.3
192	20.8	17.4	26.0



#36
1,1-Dichloropropene
Concen: 5.459 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.08 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.0	57.0#
77	0.0	24.9	37.3#

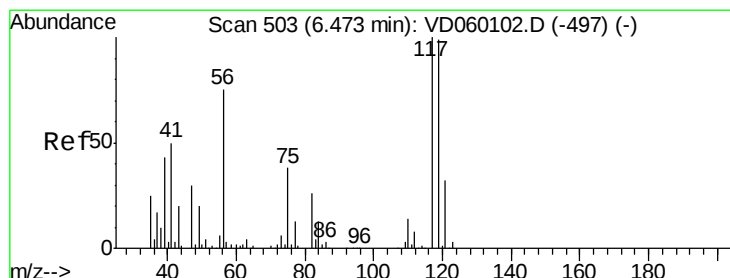
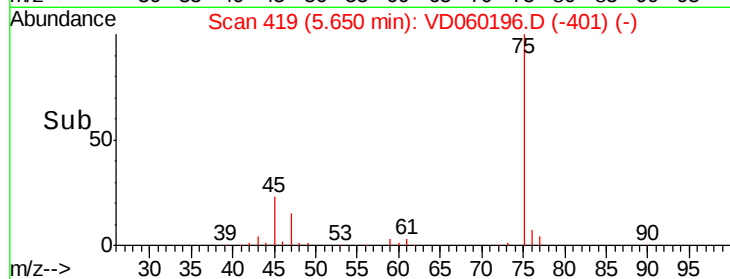
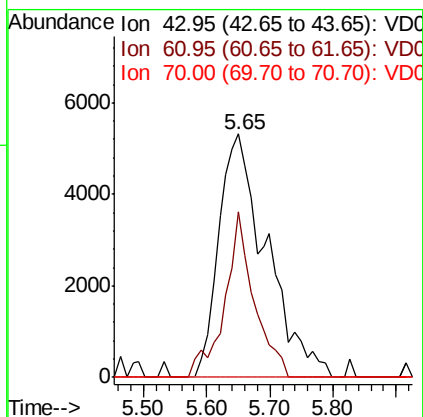
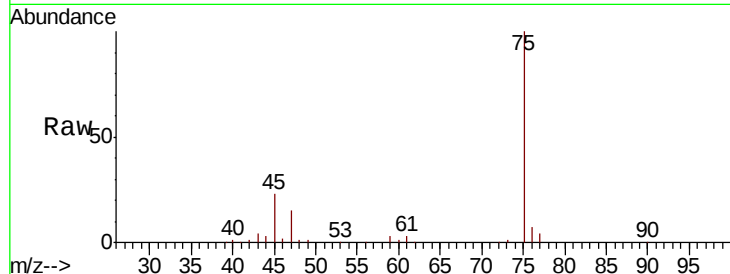




#37
Ethyl Acetate
Concen: 1.919 ug/l
RT: 5.65 min Scan# 419
Delta R.T. -0.03 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

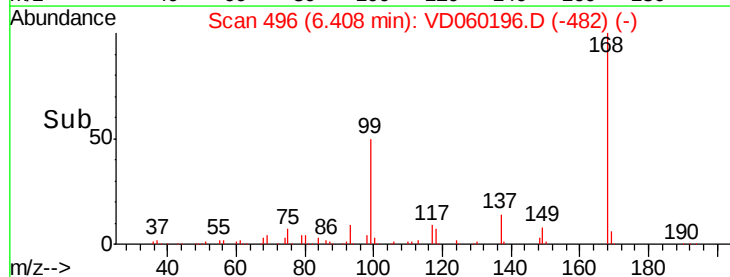
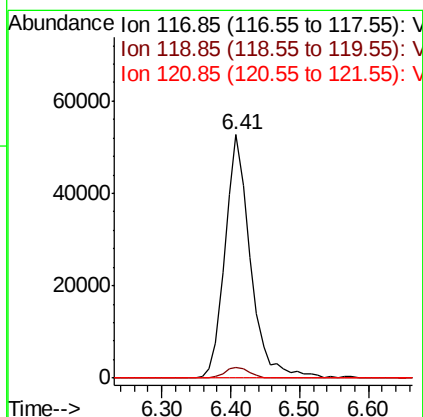
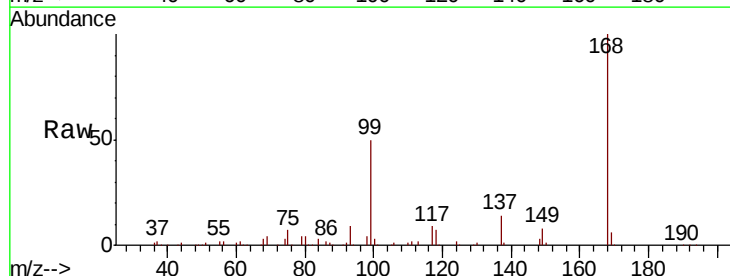
Instrument :
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VD1025SBL01

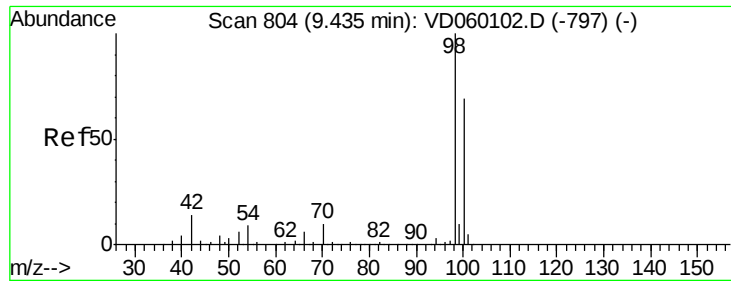
Tot Ion: 43 Resp: 27969
Ion Ratio Lower Upper
43 100
61 67.8 10.5 15.7#
70 0.0 6.3 9.5#



#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.06 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion: 117 Resp: 134301
Ion Ratio Lower Upper
117 100
119 4.4 77.8 116.6#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

Instrument :

MSVOA_D

ClientSampleId :

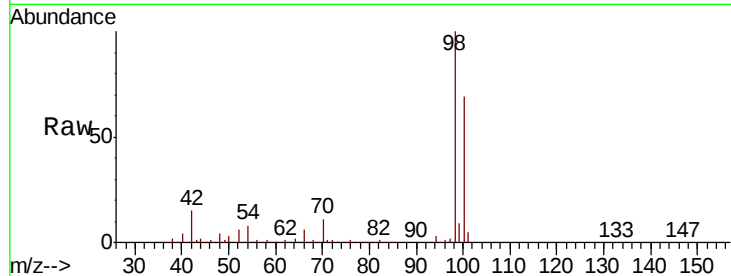
VD1025SBL01

Tot Ion: 98 Resp: 2618171

Ion Ratio Lower Upper

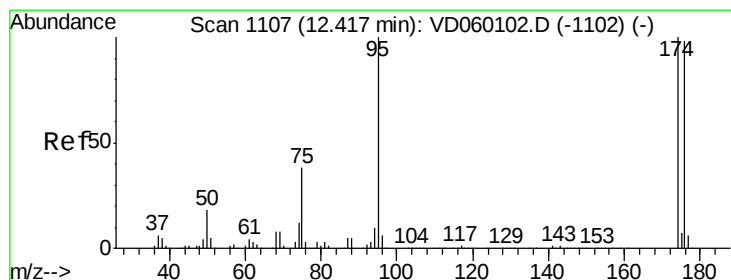
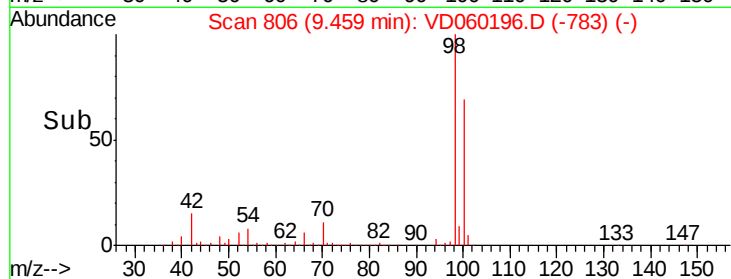
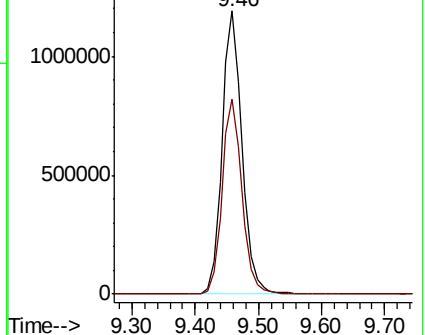
98 100

100 69.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

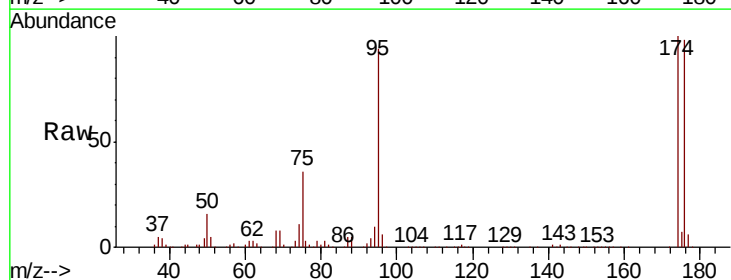
Tgt Ion: 95 Resp: 983787

Ion Ratio Lower Upper

95 100

174 106.2 0.0 200.2

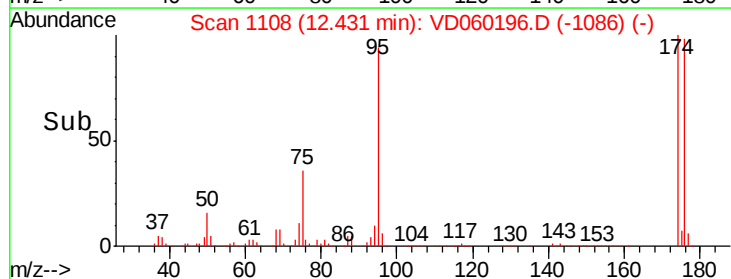
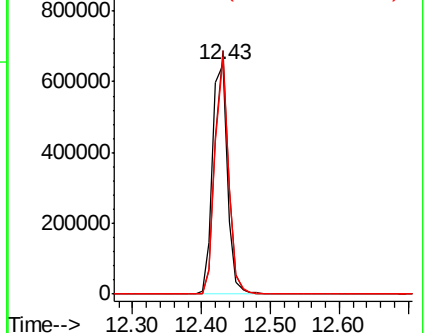
176 103.6 0.0 195.6

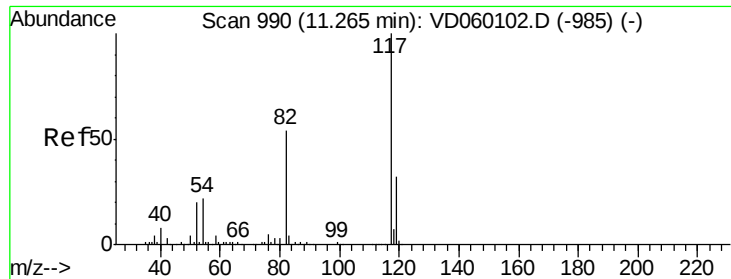


Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

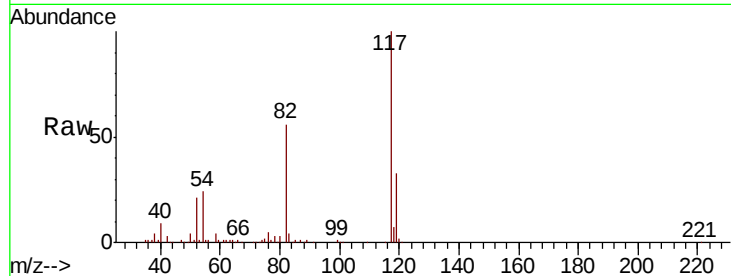




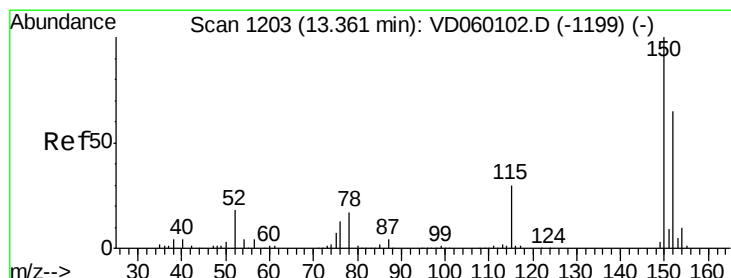
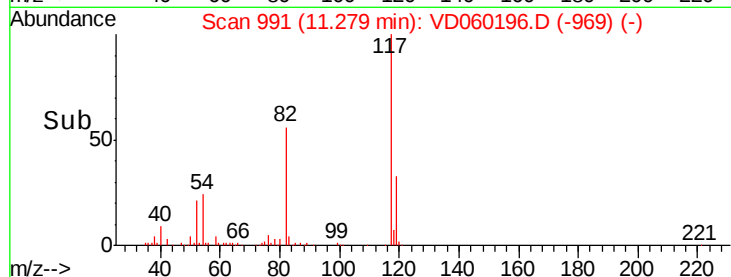
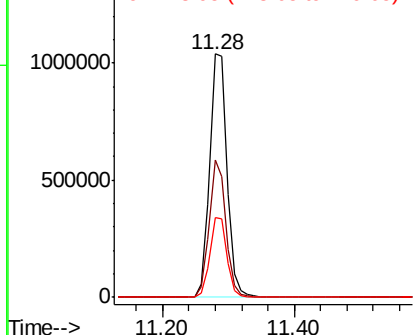
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

Tot Ion:117 Resp: 1843117
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 32.6 26.0 39.0

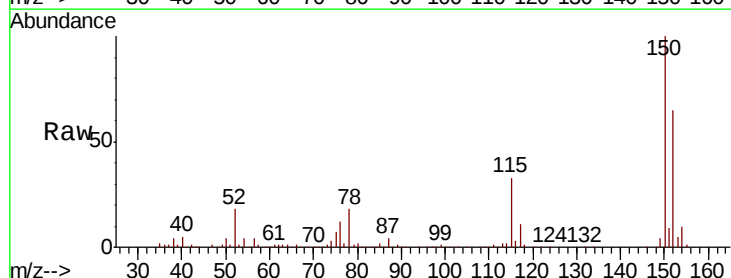


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

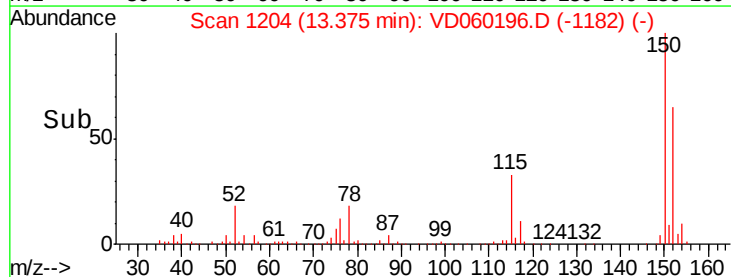
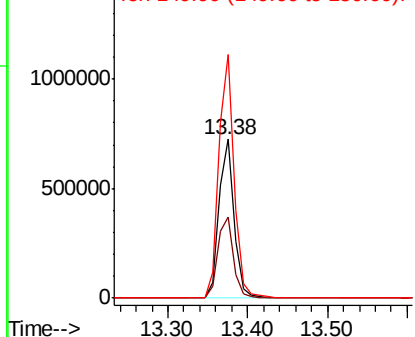


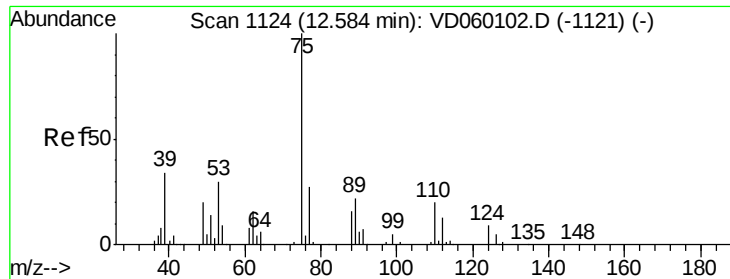
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060196.D
Acq: 25 Oct 2018 15:36

Tgt Ion:152 Resp: 979783
Ion Ratio Lower Upper
152 100
115 50.7 27.1 81.2
150 153.3 0.0 311.8



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





#76

1,2,3-Trichloropropane

Concen: 27.982 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

Instrument :

MSVOA_D

ClientSampleId :

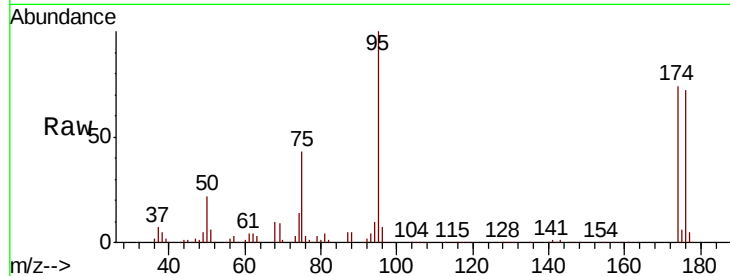
VD1025SBL01

Tot Ion: 75 Resp: 394835

Ion Ratio Lower Upper

75 100

77 1.4 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

300000

250000

200000

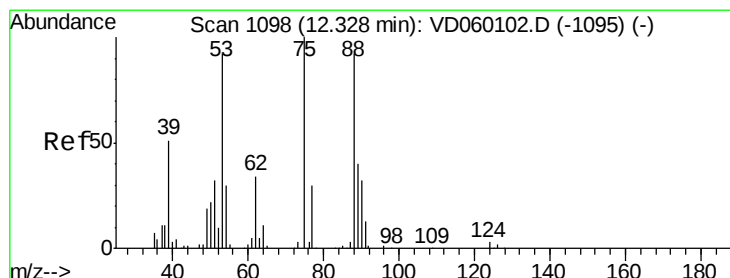
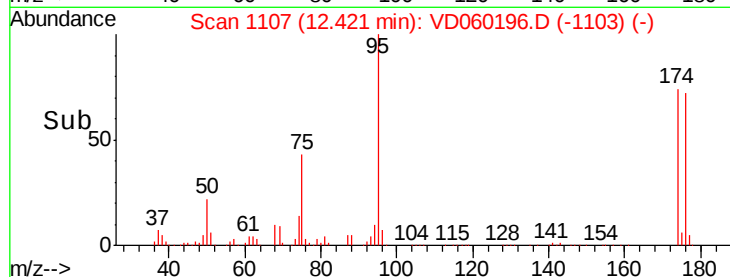
150000

100000

50000

0

Time--> 12.35 12.40 12.45 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 100.161 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060196.D

Acq: 25 Oct 2018 15:36

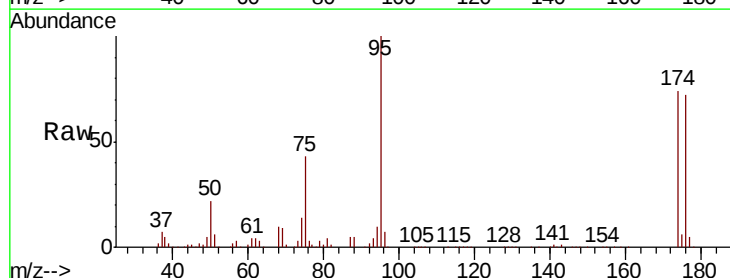
Tgt Ion: 75 Resp: 397113

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

300000

200000

100000

0

Time--> 12.35 12.40 12.45 12.50

