

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
 Data File : VD061990.D
 Acq On : 24 Apr 2019 11:24
 Operator : VA/AP
 Sample : VD0424SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Quant Time: Apr 24 11:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	663511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	957192	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	775459	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	385874	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	259647	50.00	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	6.94	113	410123	61.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.90%	
50) Toluene-d8	10.44	98	892404	56.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	113.30%	
62) 4-Bromofluorobenzene	13.58	95	360291	57.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.06%	

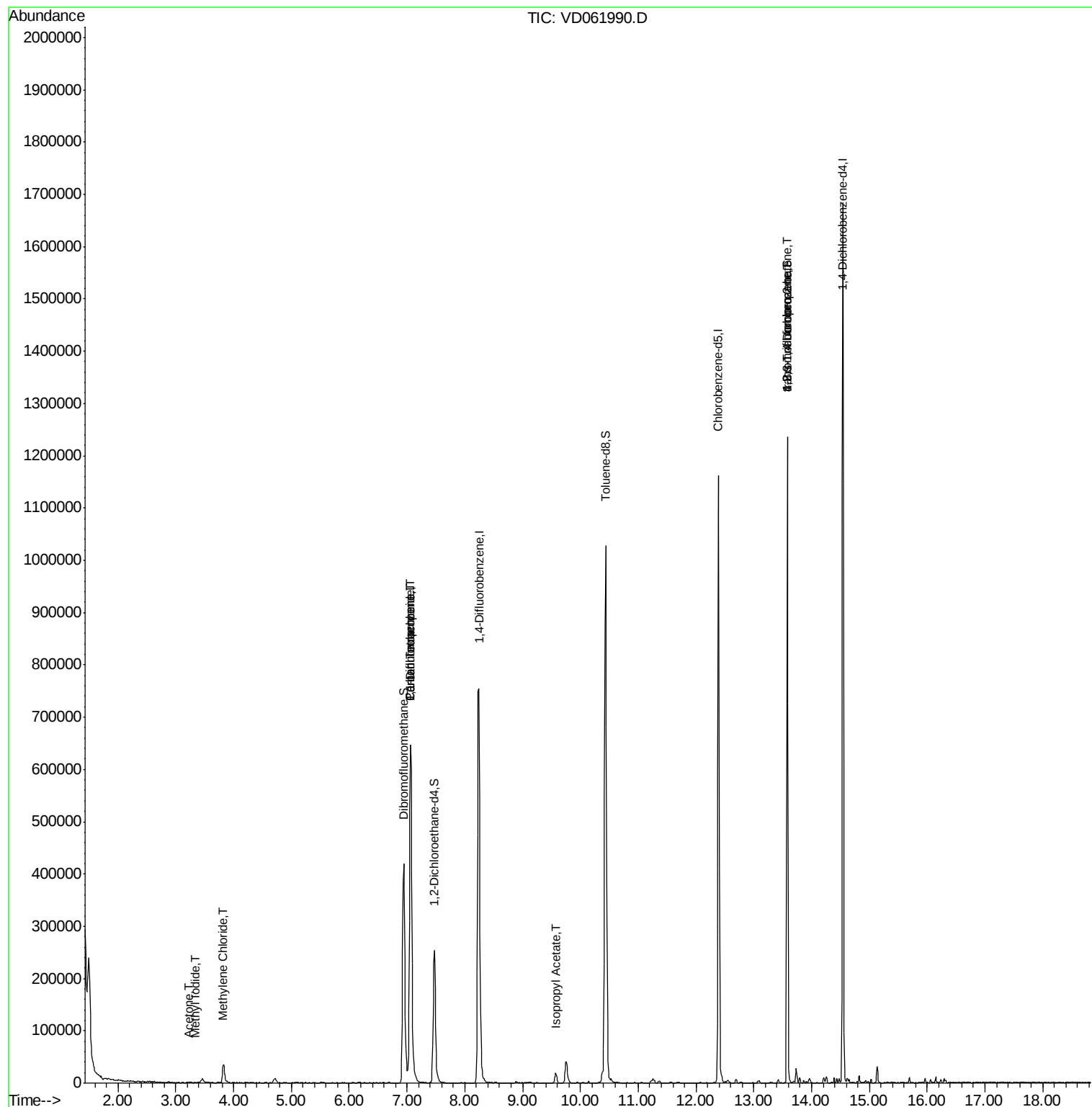
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	426	Below Cal	#	12
10) Methyl Iodide	3.33	142	1303	5.548	ug/l #	54
16) Acetone	3.22	43	4004	3.229	ug/l #	50
18) Methyl Acetate	3.52	43	195	Below Cal	#	53
20) Methylene Chloride	3.82	84	25646	1.132	ug/l	94
36) 1,1-Dichloropropene	7.06	75	48543	6.509	ug/l #	47
38) Carbon Tetrachloride	7.06	117	65418	6.923	ug/l #	17
43) Isopropyl Acetate	9.57	43	14064	3.029	ug/l #	43
76) 1,2,3-Trichloropropane	13.58	75	132593	27.060	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.58	75	137752	92.769	ug/l #	16

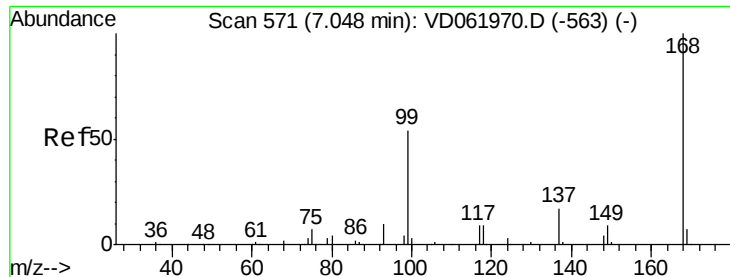
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD061990.D
Acq On : 24 Apr 2019 11:24
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Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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VD0424SBL01

Quant Time: Apr 24 11:47:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

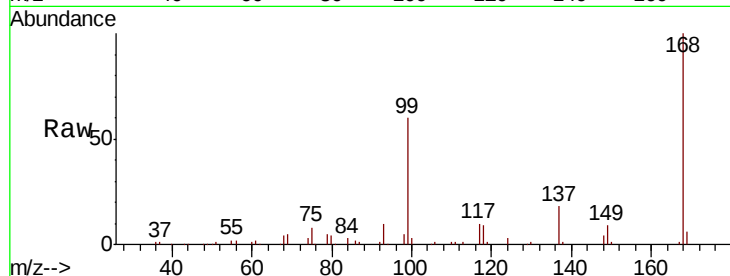
VD0424SBL01

Tgt Ion:168 Resp: 663511

Ion Ratio Lower Upper

168 100

99 59.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

250000

200000

150000

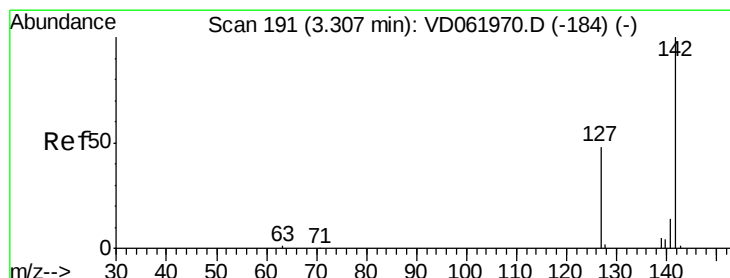
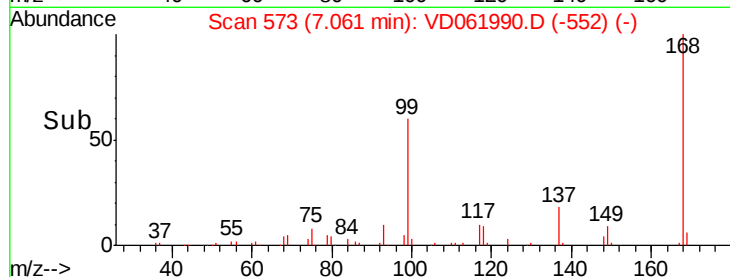
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 5.548 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

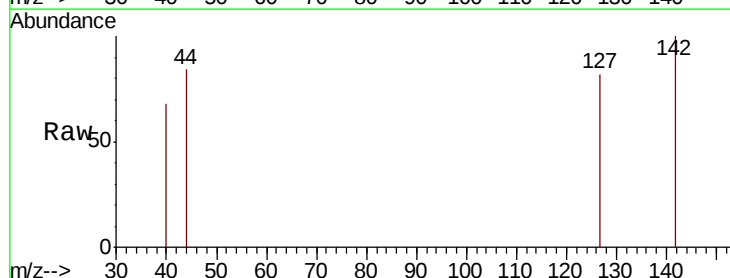
Tgt Ion:142 Resp: 1303

Ion Ratio Lower Upper

142 100

127 81.7 38.8 58.2#

141 0.0 11.4 17.0#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.33

600

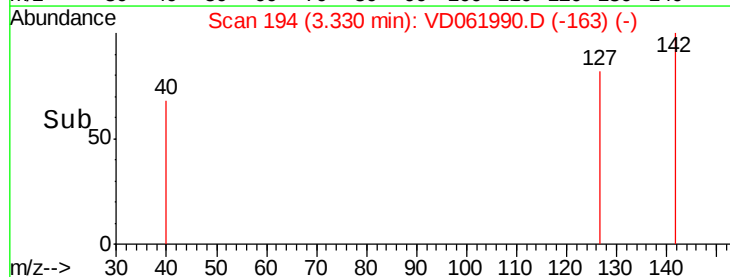
400

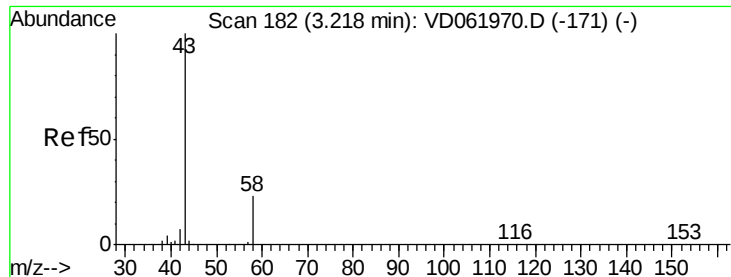
200

0

Time-->

3.30 3.35





#16

Acetone

Concen: 3.229 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

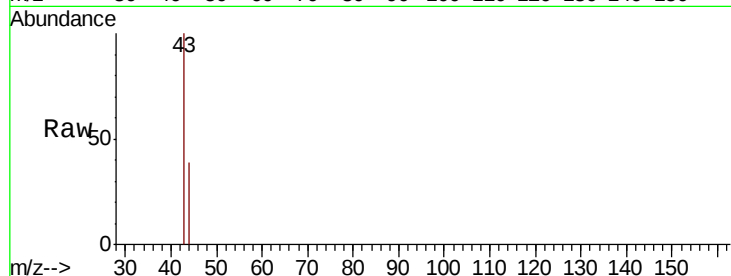
VD0424SBL01

Tgt Ion: 43 Resp: 4004

Ion Ratio Lower Upper

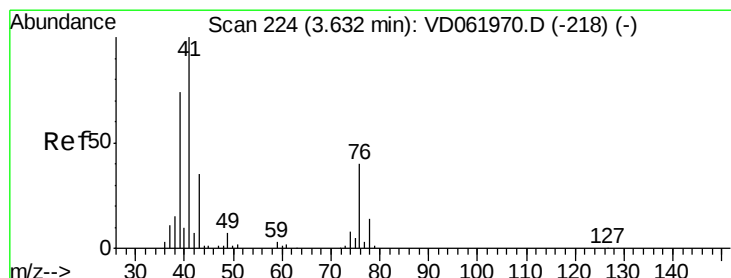
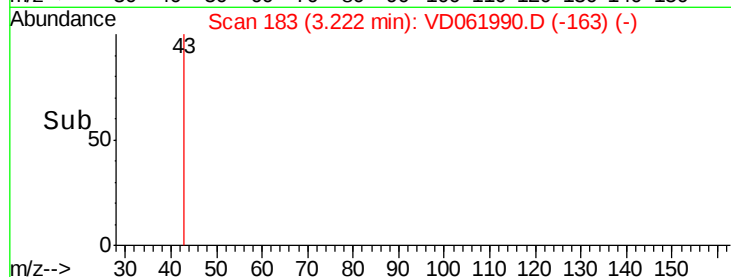
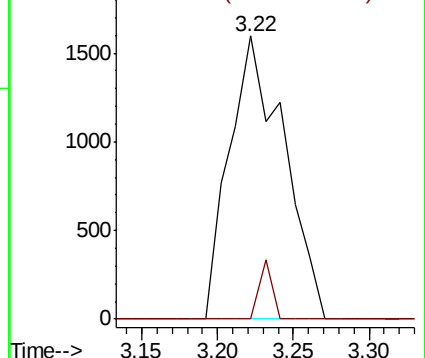
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 3.52 min Scan# 213

Delta R.T. -0.13 min

Lab File: VD061990.D

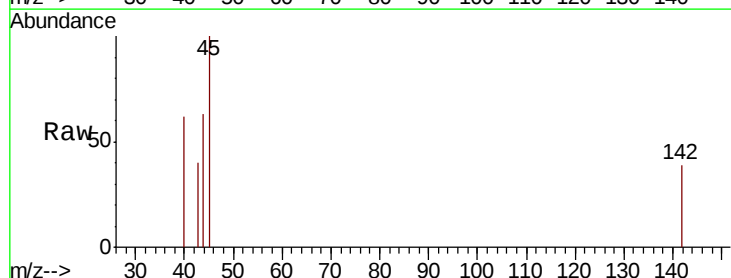
Acq: 24 Apr 2019 11:24

Tgt Ion: 43 Resp: 195

Ion Ratio Lower Upper

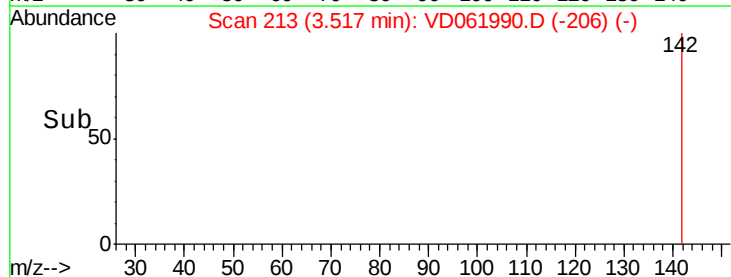
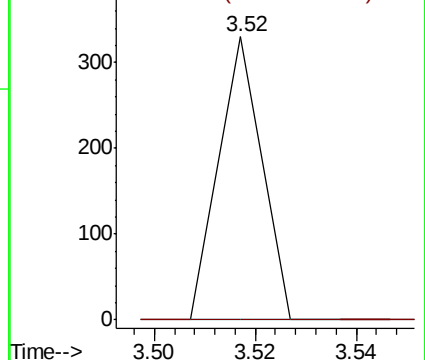
43 100

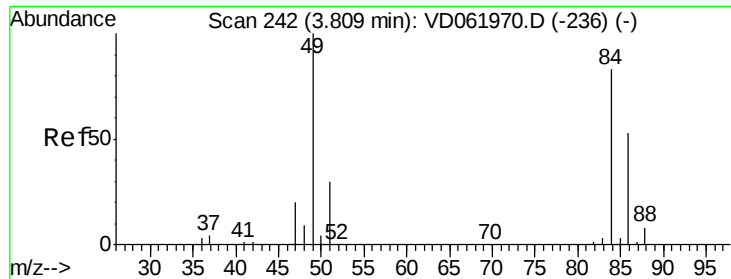
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

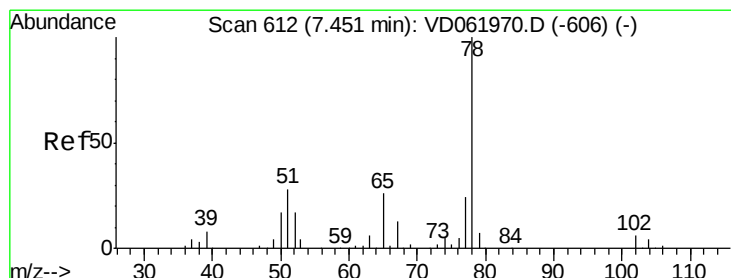
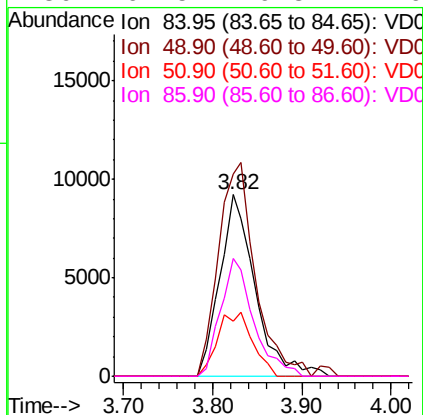
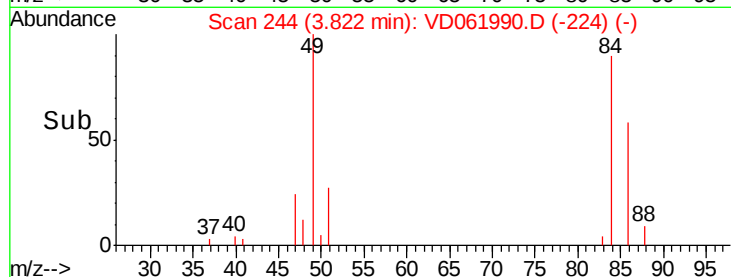
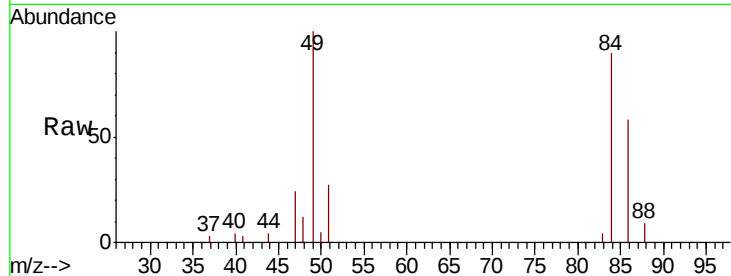




#20
Methylene Chloride
Concen: 1.132 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061990.D
Acq: 24 Apr 2019 11:24

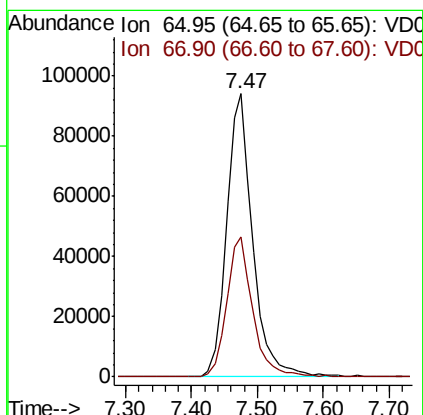
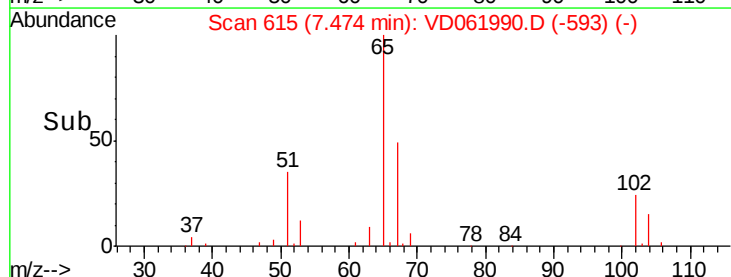
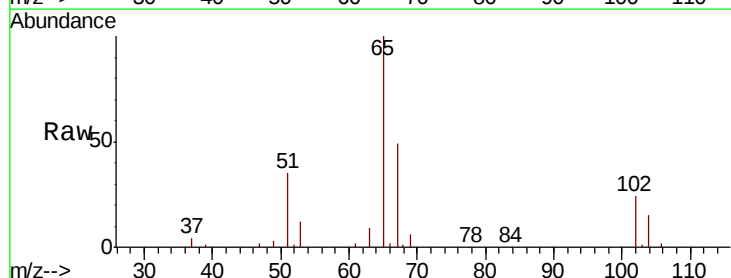
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

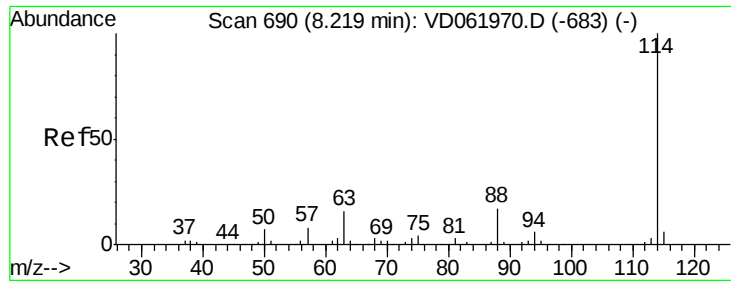
Tgt Ion:	84	Resp:	25646
Ion	Ratio	Lower	Upper
84	100		
49	111.3	94.0	141.0
51	30.5	29.0	43.4
86	64.5	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 615
Delta R.T. 0.02 min
Lab File: VD061990.D
Acq: 24 Apr 2019 11:24

Tgt Ion:	65	Resp:	259647
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 693

Delta R.T. 0.02 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

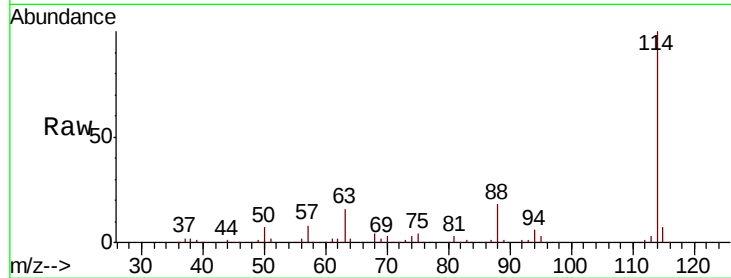
Tgt Ion:114 Resp: 957192

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.4

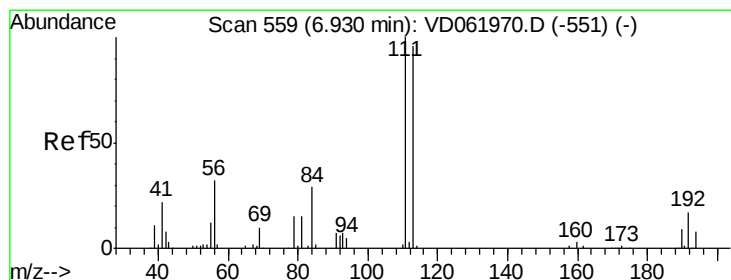
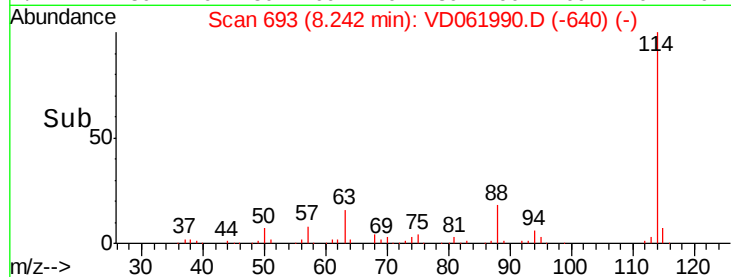
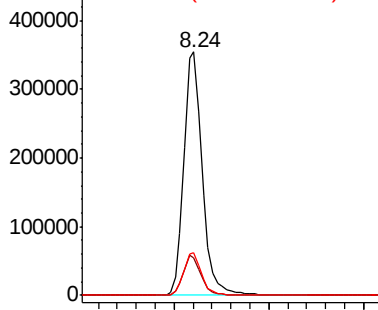
88 17.7 0.0 33.6



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: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

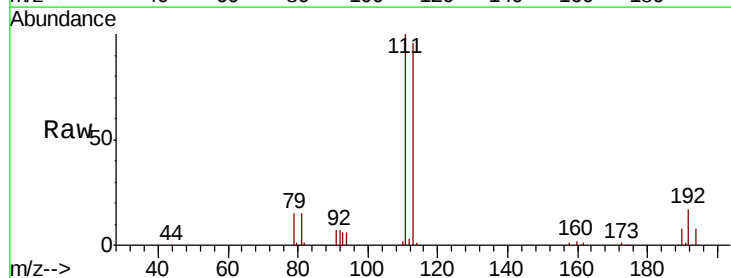
Tgt Ion:113 Resp: 410123

Ion Ratio Lower Upper

113 100

111 104.3 78.5 117.7

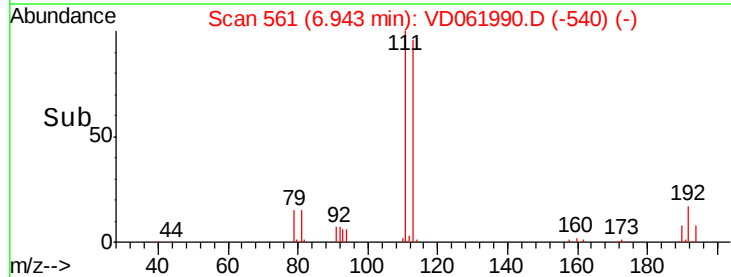
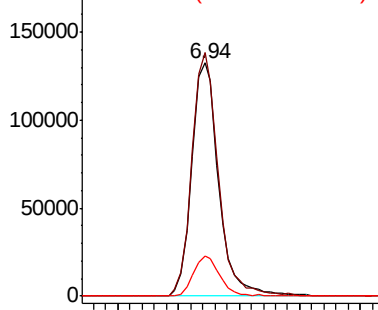
192 17.3 13.0 19.4

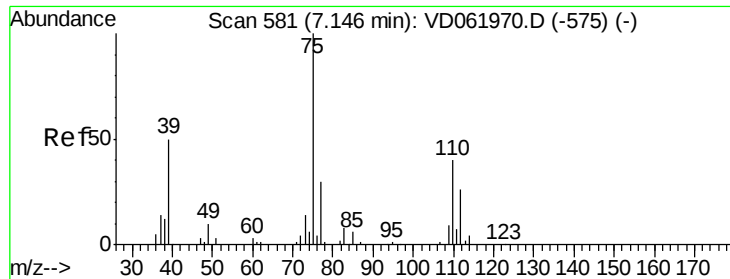


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.509 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.09 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

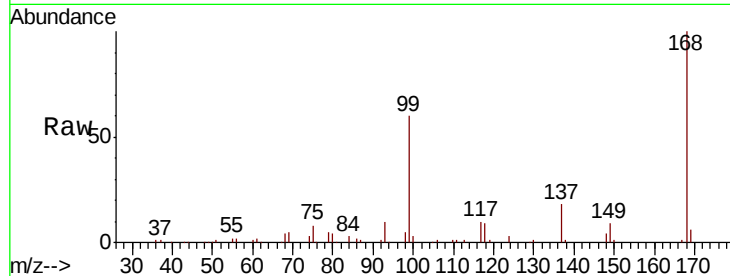
Tgt Ion: 75 Resp: 48543

Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.1#

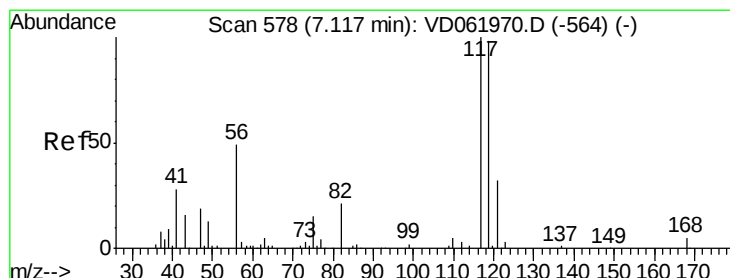
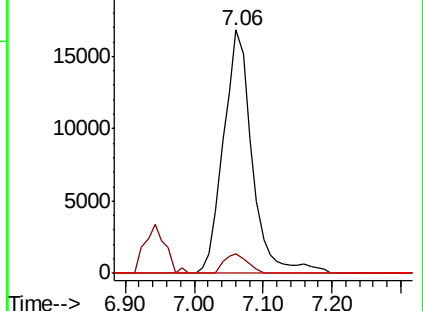
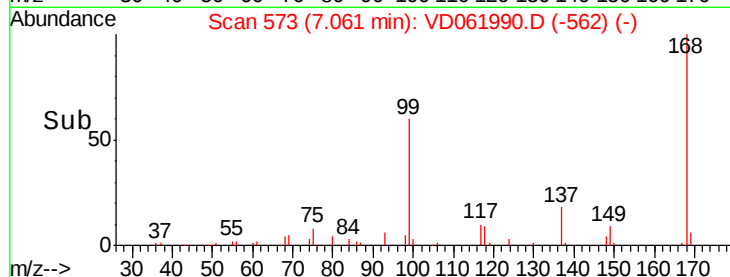
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VD061990.D (-562) (-)

Ion 109.90 (109.60 to 110.60): VD061990.D (-562) (-)

Ion 76.95 (76.65 to 77.65): VD061990.D (-562) (-)



#38

Carbon Tetrachloride

Concen: 6.923 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.06 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

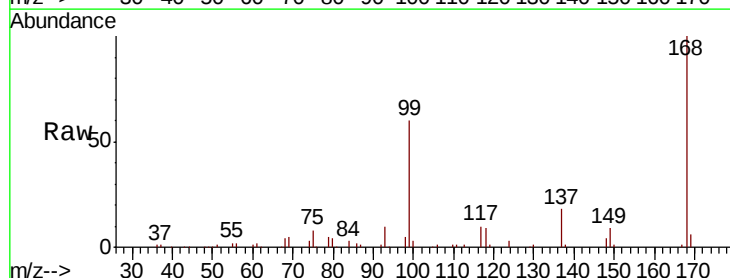
Tgt Ion: 117 Resp: 65418

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

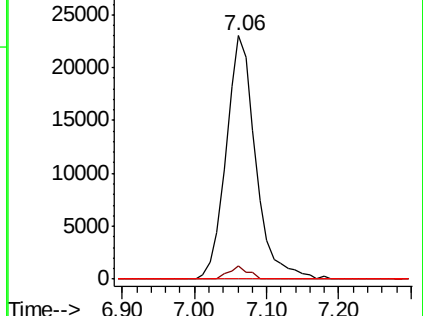
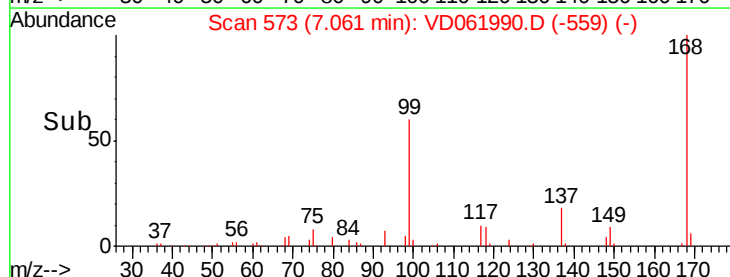
121 0.0 25.9 38.9#

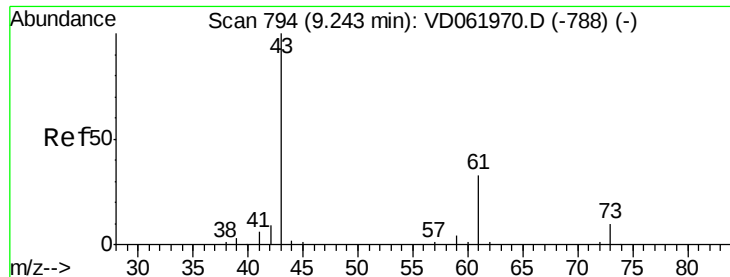


Abundance Ion 116.85 (116.55 to 117.55): VD061990.D (-559) (-)

Ion 118.85 (118.55 to 119.55): VD061990.D (-559) (-)

Ion 120.85 (120.55 to 121.55): VD061990.D (-559) (-)





#43

Isopropyl Acetate

Concen: 3.029 ug/l

RT: 9.57 min Scan# 828

Delta R.T. 0.32 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

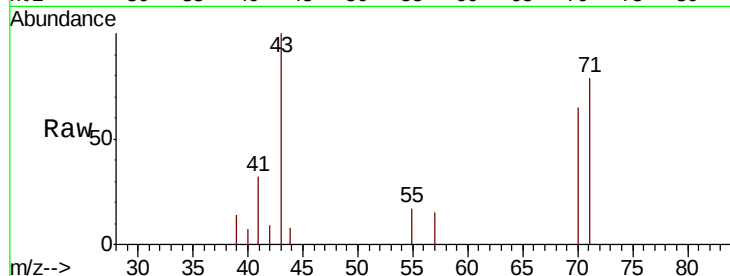
Tgt Ion: 43 Resp: 14064

Ion Ratio Lower Upper

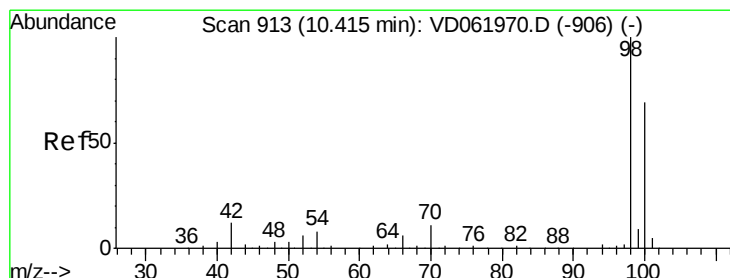
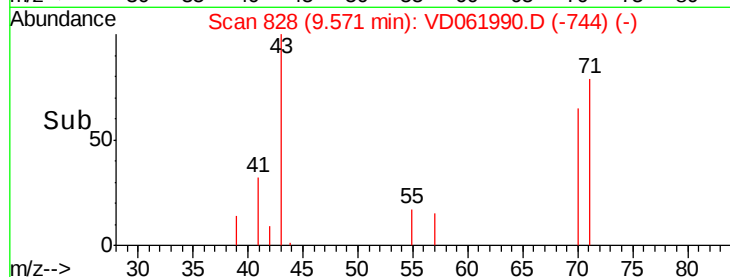
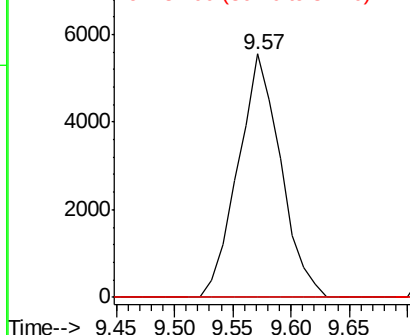
43 100

61 0.0 25.1 37.7#

87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.02 min

Lab File: VD061990.D

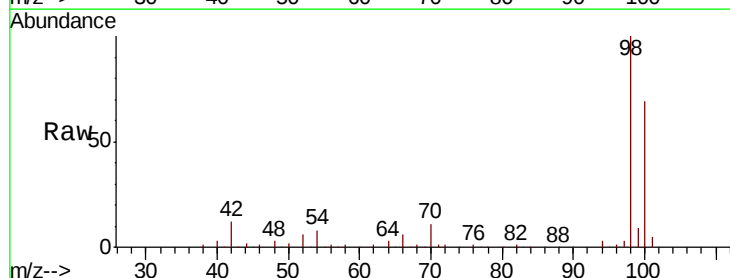
Acq: 24 Apr 2019 11:24

Tgt Ion: 98 Resp: 892404

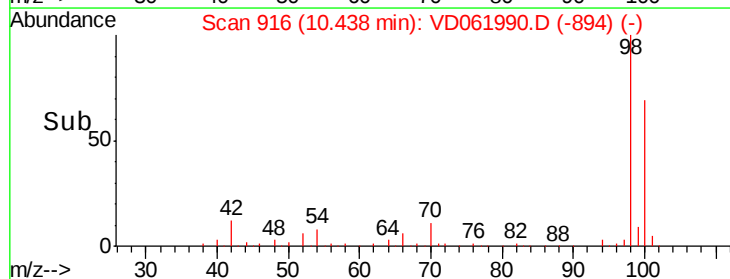
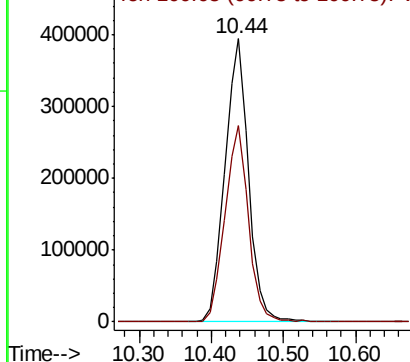
Ion Ratio Lower Upper

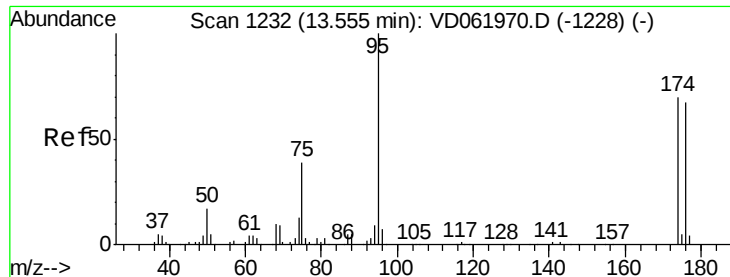
98 100

100 69.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

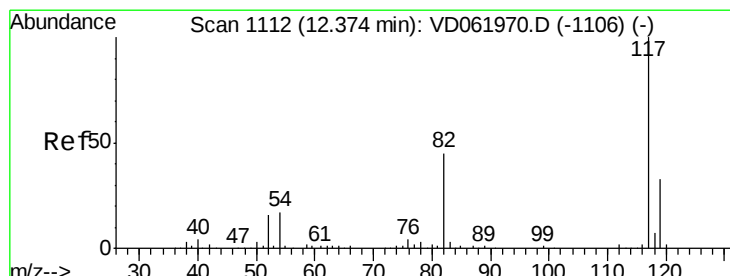
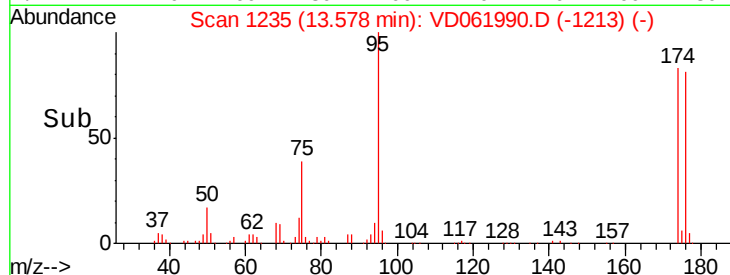
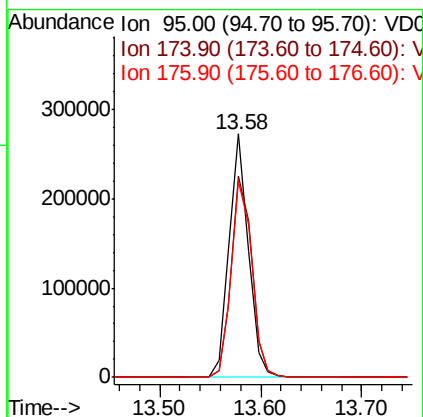
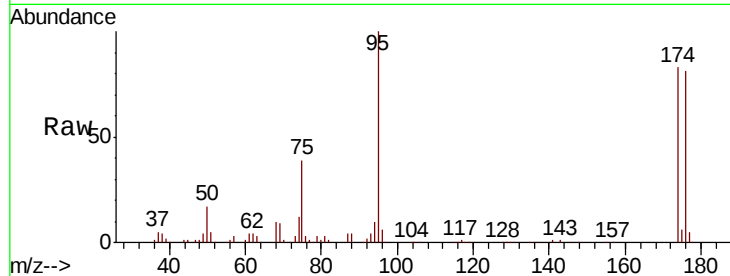




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.02 min
Lab File: VD061990.D
Acq: 24 Apr 2019 11:24

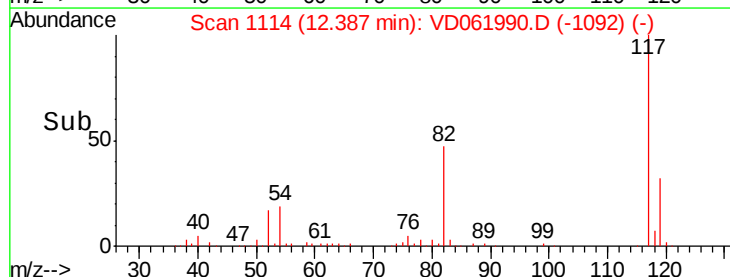
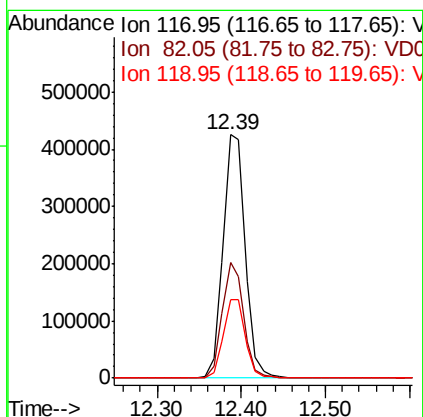
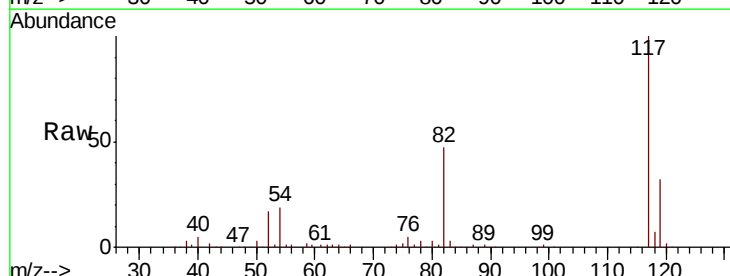
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

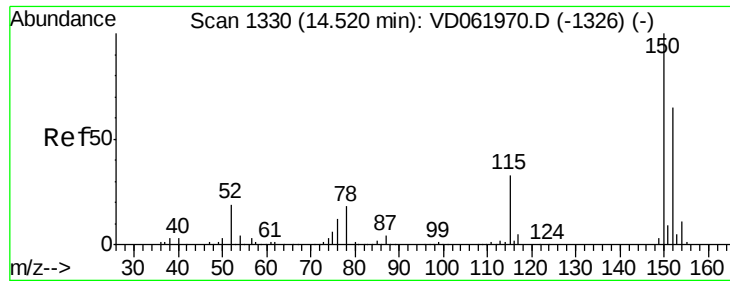
Tgt Ion: 95 Resp: 360291
Ion Ratio Lower Upper
95 100
174 82.8 0.0 181.8
176 80.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061990.D
Acq: 24 Apr 2019 11:24

Tgt Ion: 117 Resp: 775459
Ion Ratio Lower Upper
117 100
82 47.5 36.2 54.2
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.54 min Scan# 1333

Delta R.T. 0.02 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

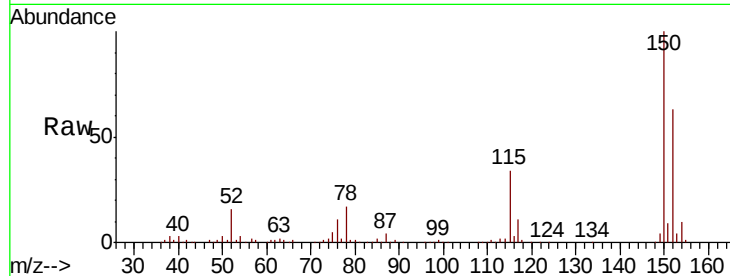
Tgt Ion:152 Resp: 385874

Ion Ratio Lower Upper

152 100

115 54.6 30.9 92.7

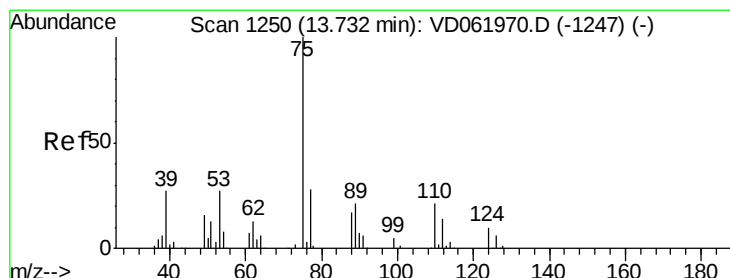
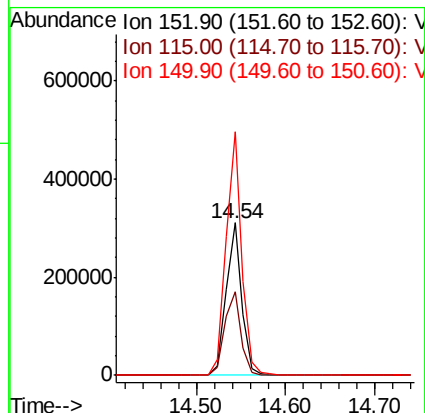
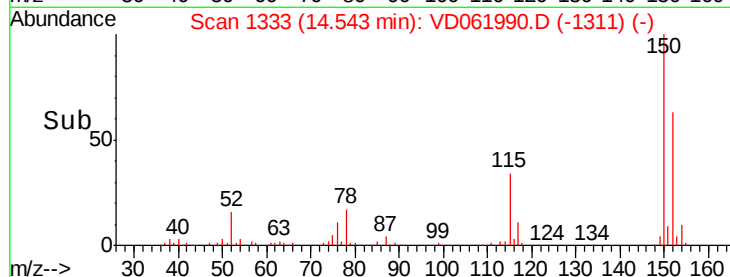
150 159.6 0.0 314.8



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: 27.060 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. -0.16 min

Lab File: VD061990.D

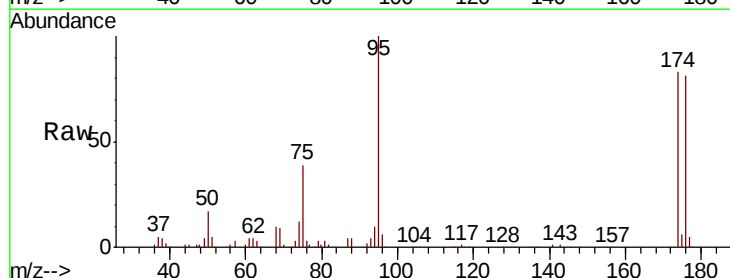
Acq: 24 Apr 2019 11:24

Tgt Ion: 75 Resp: 132593

Ion Ratio Lower Upper

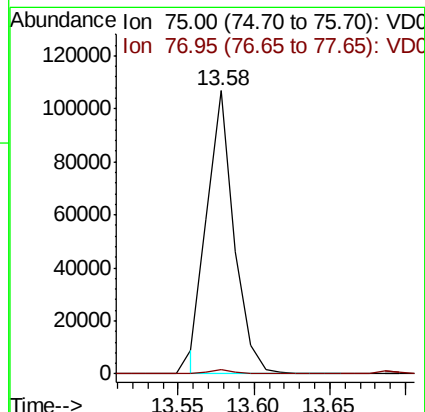
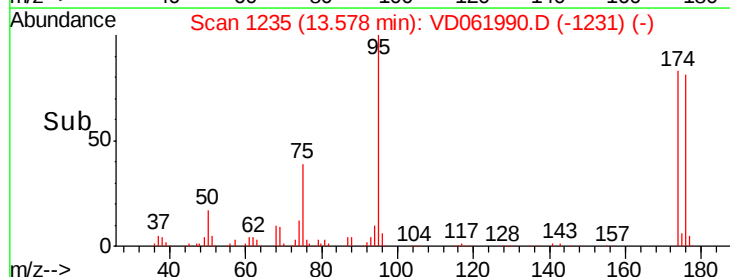
75 100

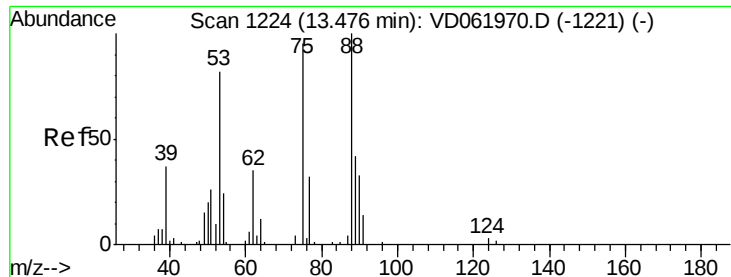
77 1.3 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 92.769 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.10 min

Lab File: VD061990.D

Acq: 24 Apr 2019 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

Tgt Ion: 75 Resp: 137752

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

