

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042519\
 Data File : VD062030.D
 Acq On : 25 Apr 2019 10:55
 Operator : VA/AP
 Sample : VD0425SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBL01

Quant Time: Apr 25 11:19:15 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	570461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	889088	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	705921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	337907	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	240531	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	6.93	113	356193	57.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.86%	
50) Toluene-d8	10.41	98	783394	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	13.55	95	340037	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	

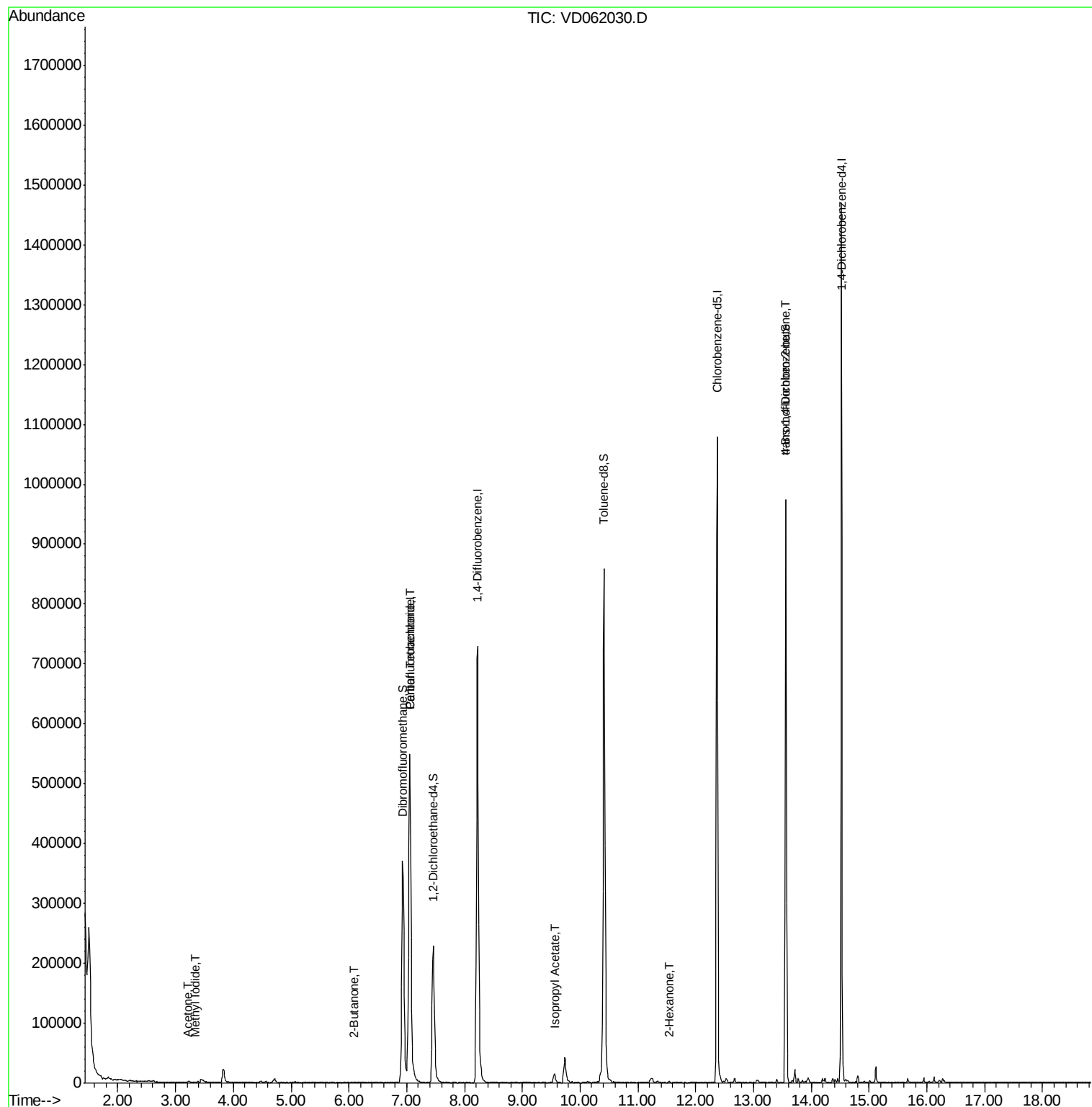
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	428	Below Cal	#	12
10) Methyl Iodide	3.33	142	577	5.490	ug/l #	37
16) Acetone	3.23	43	4303	4.036	ug/l #	89
18) Methyl Acetate	3.65	43	282	Below Cal	#	53
20) Methylene Chloride	3.83	84	15879	Below Cal	#	96
25) 2-Butanone	6.07	43	1308	1.012	ug/l #	56
38) Carbon Tetrachloride	7.05	117	57029	6.497	ug/l #	16
43) Isopropyl Acetate	9.56	43	11588	2.687	ug/l #	43
59) 2-Hexanone	11.53	43	2258	1.141	ug/l	81
81) trans-1,4-Dichloro-2-buten	13.55	75	132362	101.792	ug/l #	16

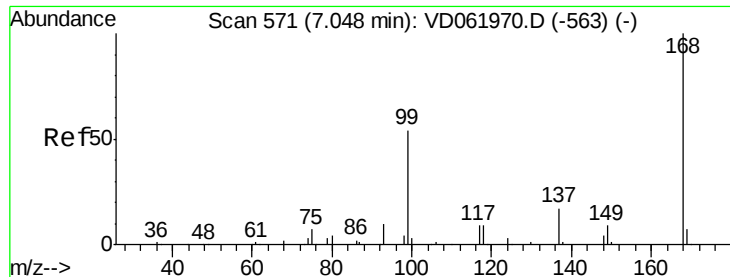
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD042519\
Data File : VD062030.D
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Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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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# 572

Delta R.T. 0.00 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

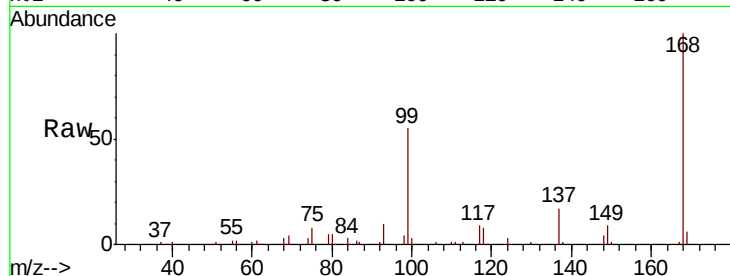
VD0425SBL01

Tgt Ion:168 Resp: 570461

Ion Ratio Lower Upper

168 100

99 55.2 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

200000

150000

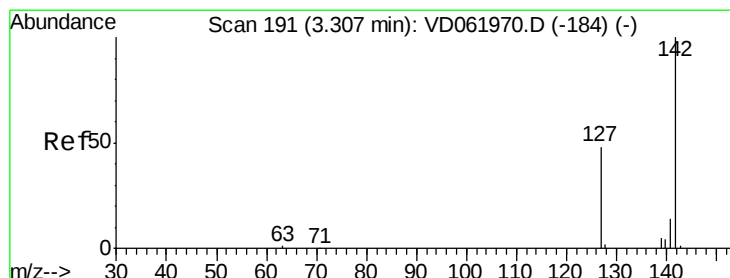
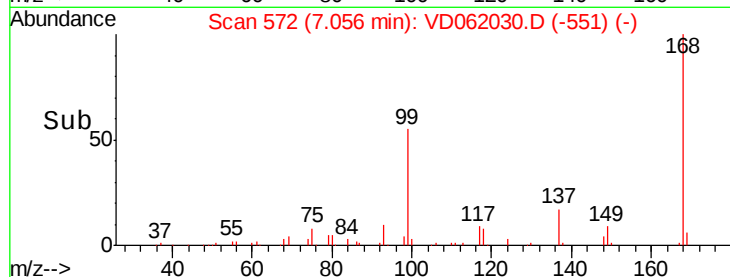
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 5.490 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

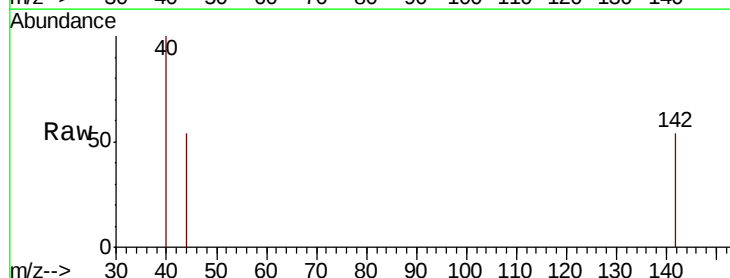
Tgt Ion:142 Resp: 577

Ion Ratio Lower Upper

142 100

127 0.0 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

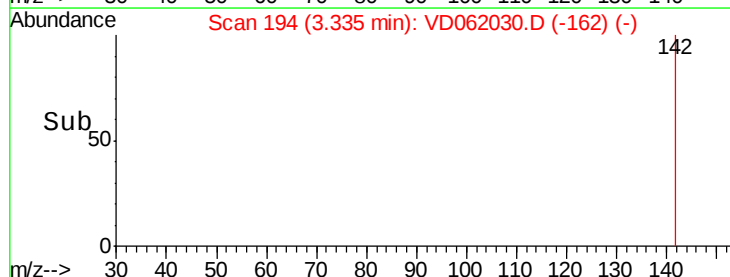
400

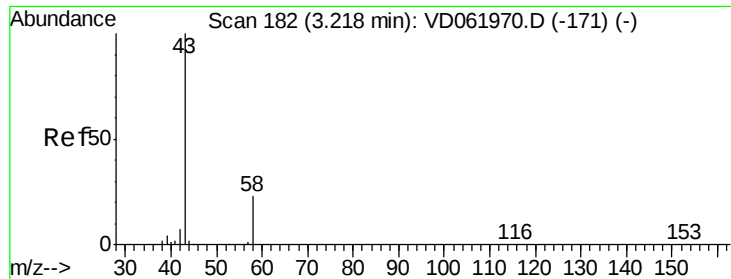
200

0

3.30 3.32 3.34 3.36

Time-->





#16

Acetone

Concen: 4.036 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

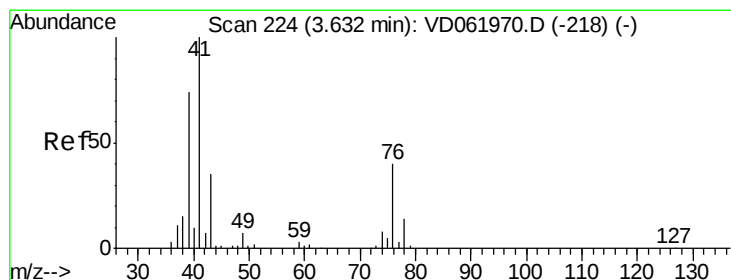
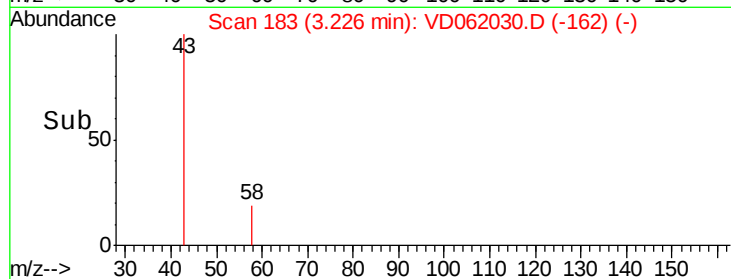
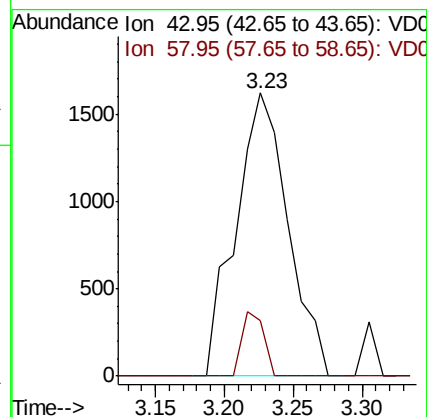
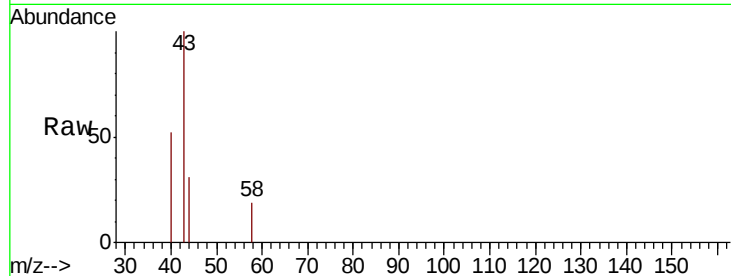
VD0425SBL01

Tgt Ion: 43 Resp: 4303

Ion Ratio Lower Upper

43 100

58 19.5 19.9 29.9#



#18

Methyl Acetate

Concen: Below Cal

RT: 3.65 min Scan# 226

Delta R.T. 0.00 min

Lab File: VD062030.D

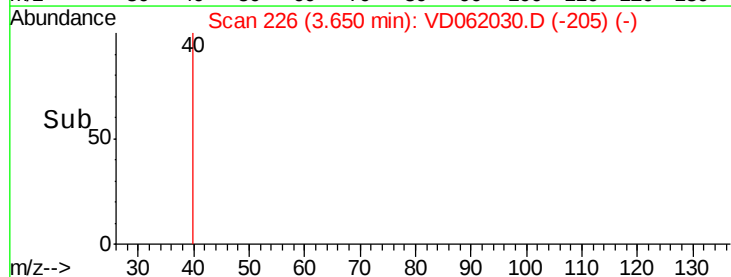
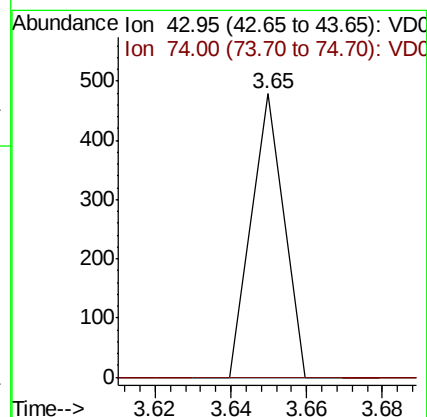
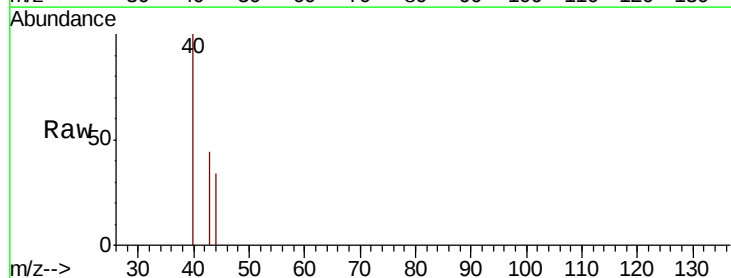
Acq: 25 Apr 2019 10:55

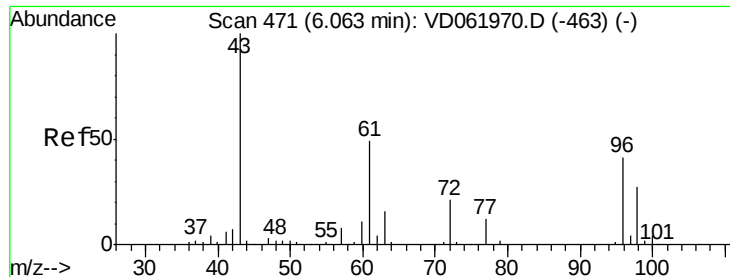
Tgt Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

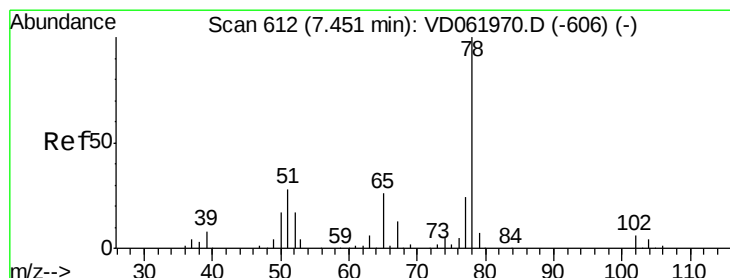
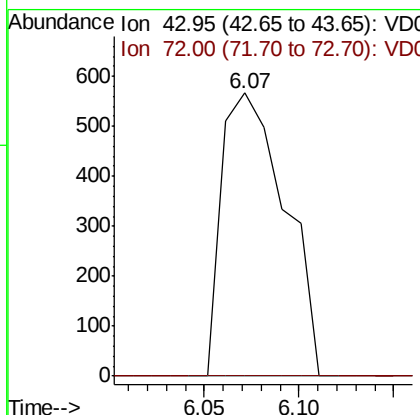
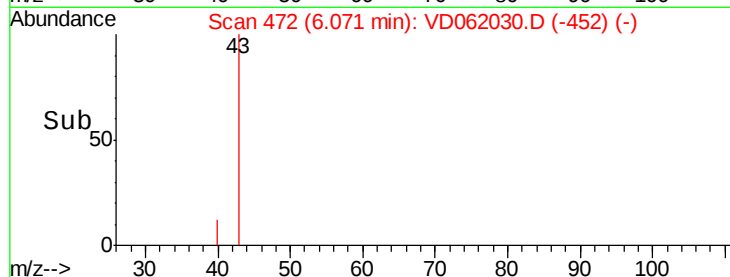
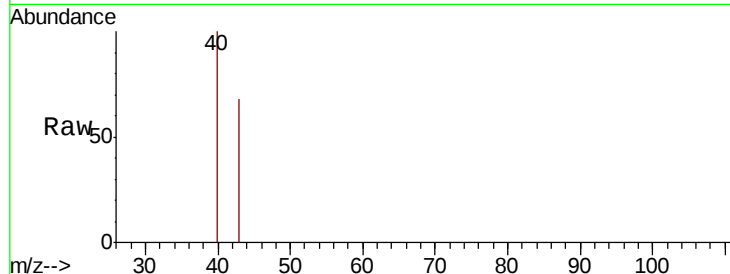




#25
 2-Butanone
 Concen: 1.012 ug/l
 RT: 6.07 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: VD062030.D
 Acq: 25 Apr 2019 10:55

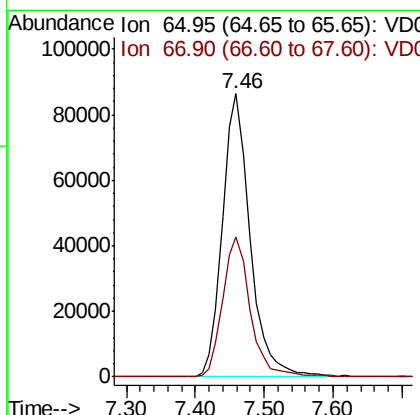
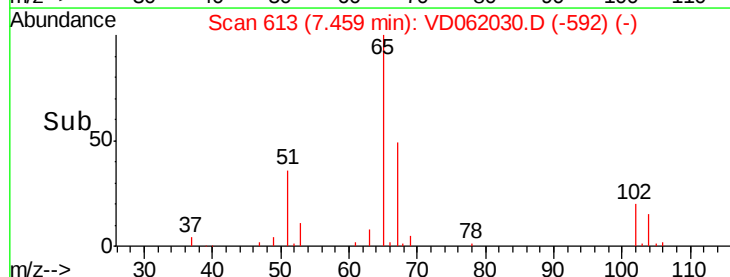
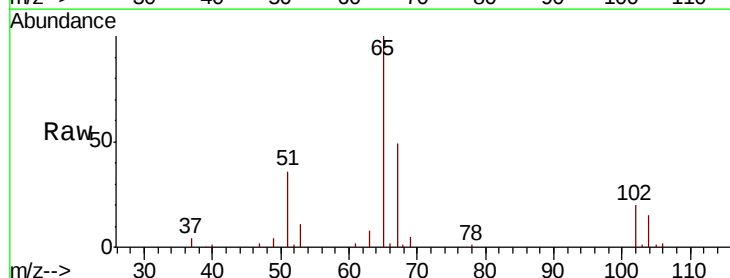
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBL01

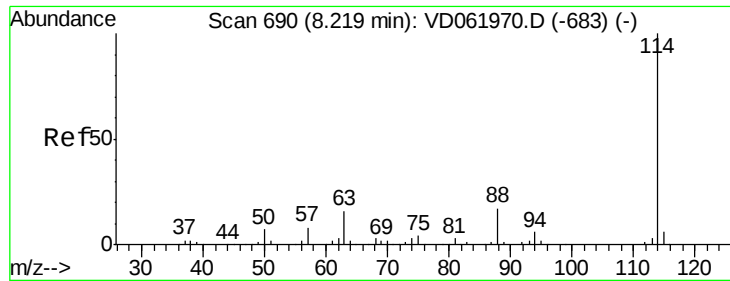
Tgt Ion: 43 Resp: 1308
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.2 24.4#



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD062030.D
 Acq: 25 Apr 2019 10:55

Tgt Ion: 65 Resp: 240531
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBL01

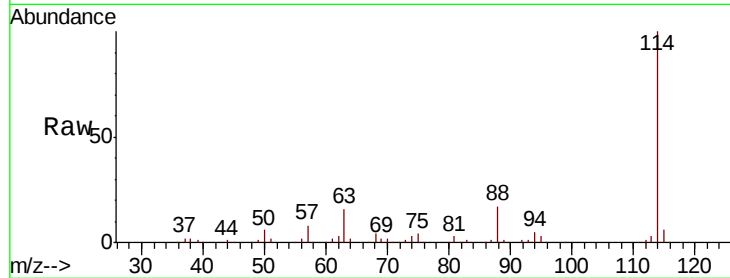
Tgt Ion:114 Resp: 889088

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

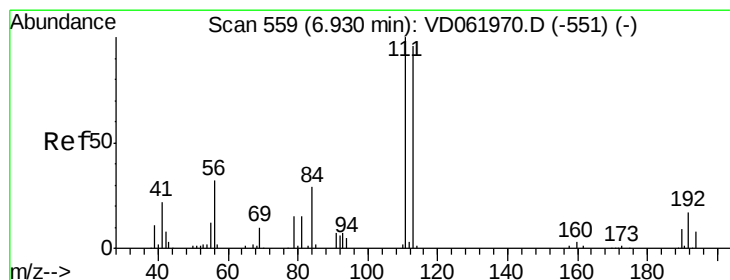
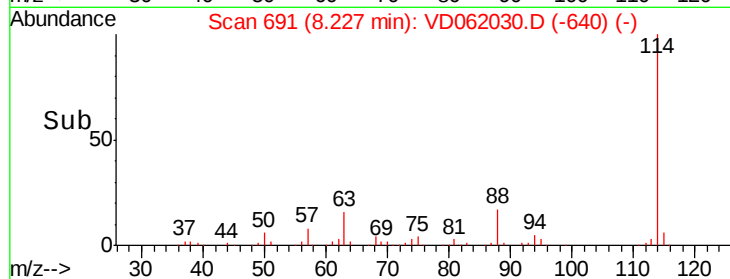
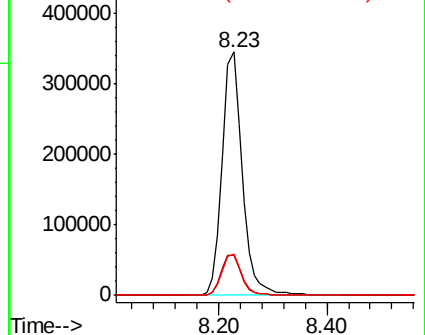
88 16.9 0.0 33.6



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: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

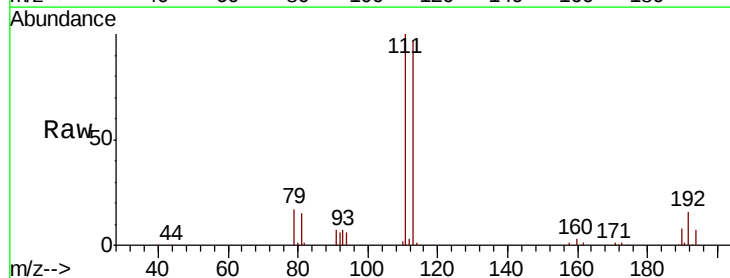
Tgt Ion:113 Resp: 356193

Ion Ratio Lower Upper

113 100

111 103.6 78.5 117.7

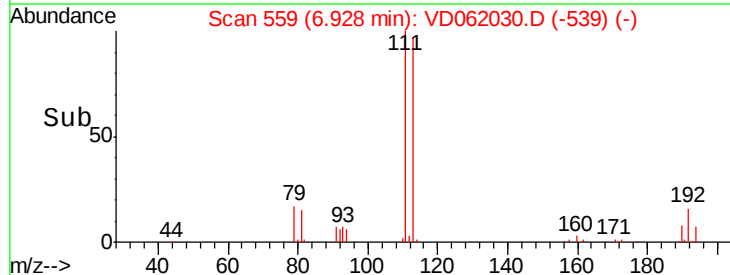
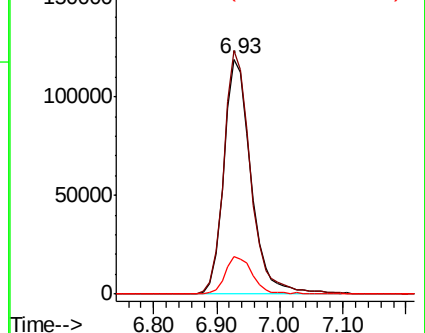
192 16.2 13.0 19.4

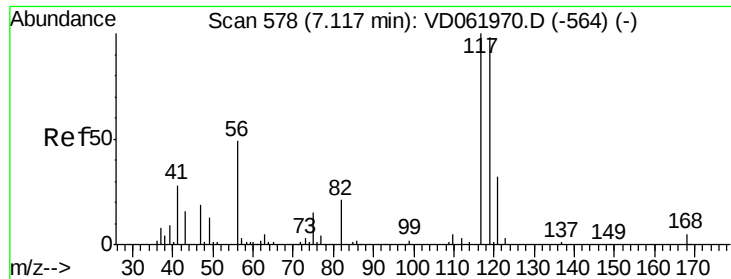


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#38

Carbon Tetrachloride

Concen: 6.497 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.08 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBL01

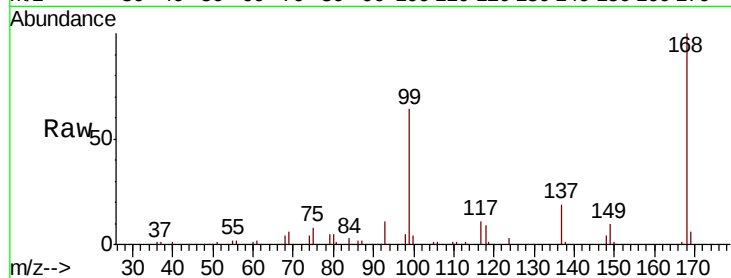
Tgt Ion:117 Resp: 57029

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

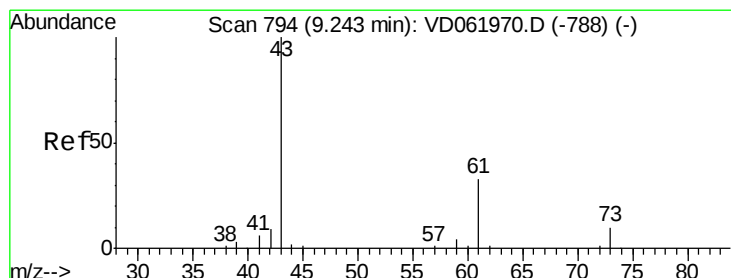
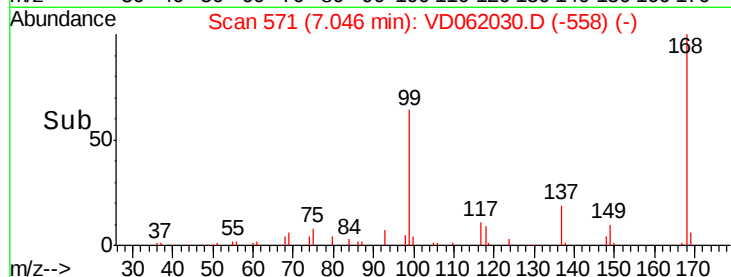
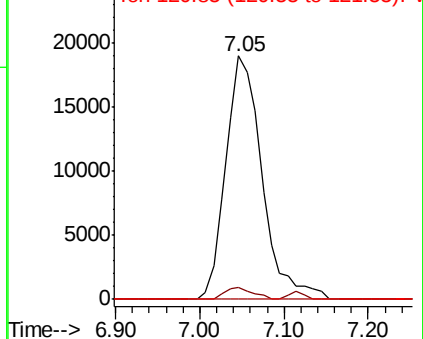
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 2.687 ug/l

RT: 9.56 min Scan# 826

Delta R.T. 0.31 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

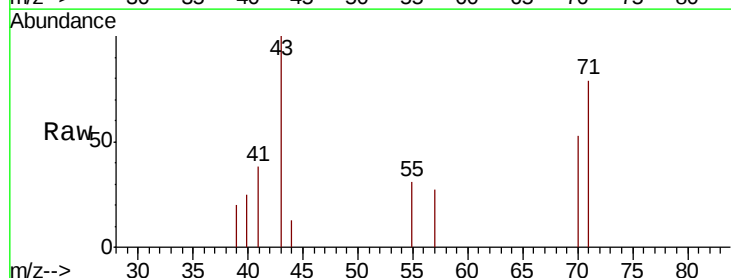
Tgt Ion: 43 Resp: 11588

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

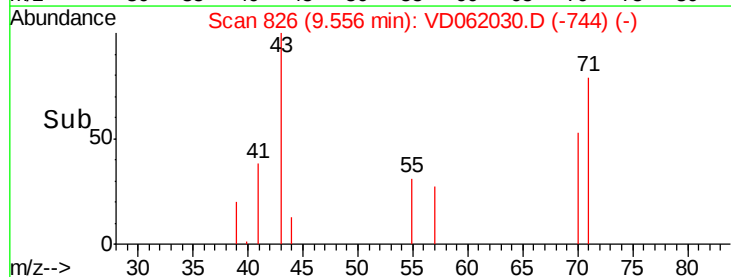
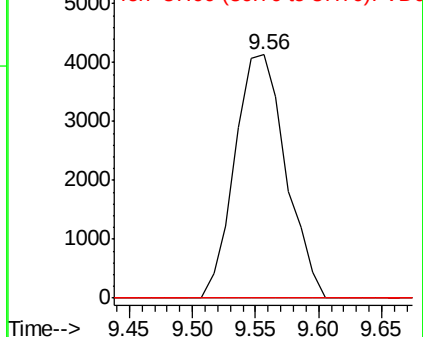
87 0.0 0.0 0.0

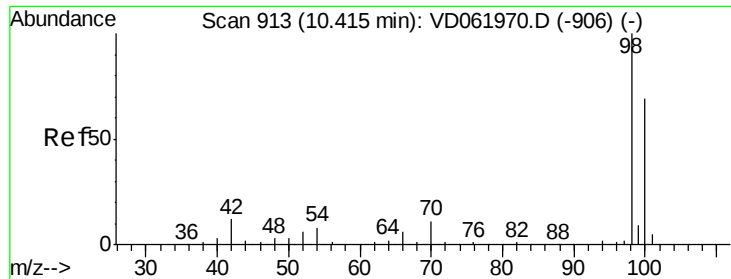


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

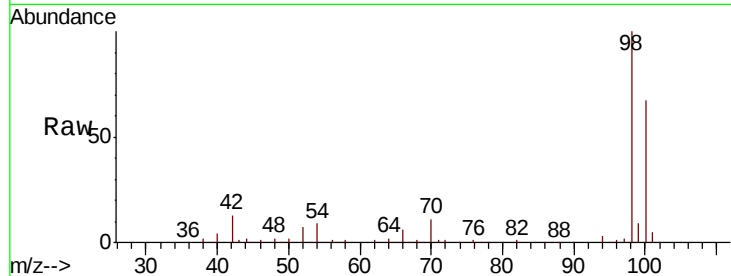




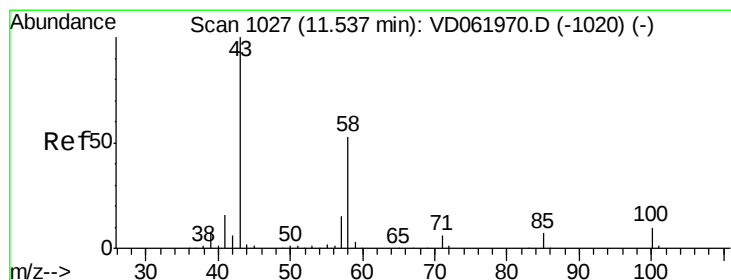
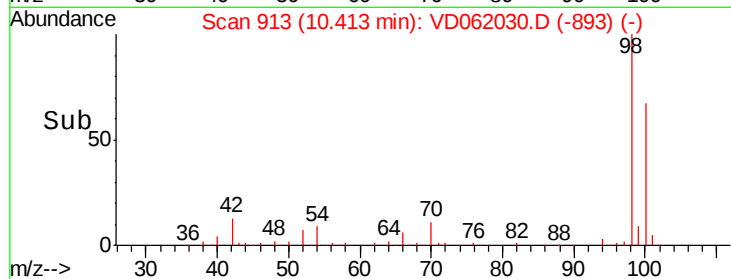
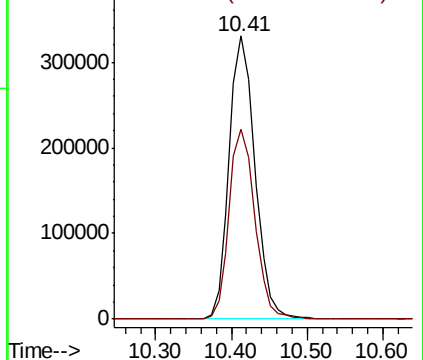
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062030.D
Acq: 25 Apr 2019 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBL01

Tgt Ion: 98 Resp: 783394
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8

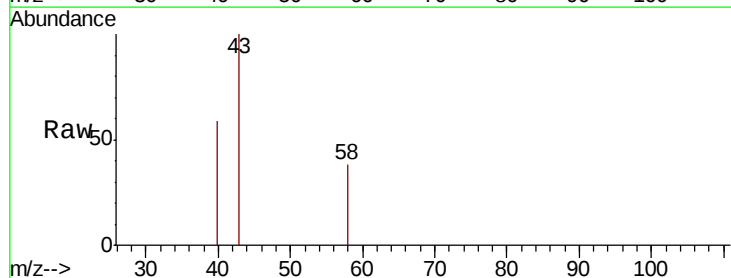


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

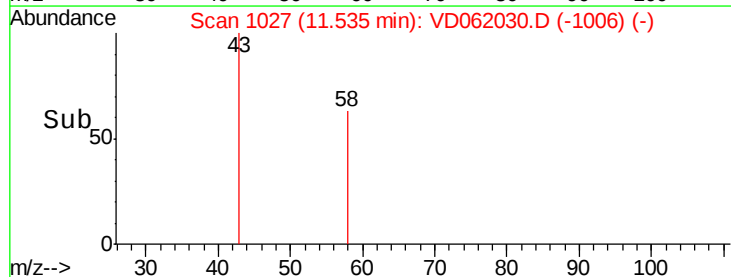
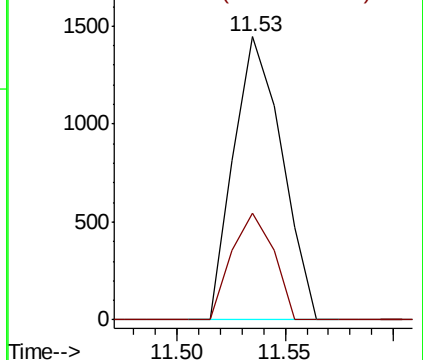


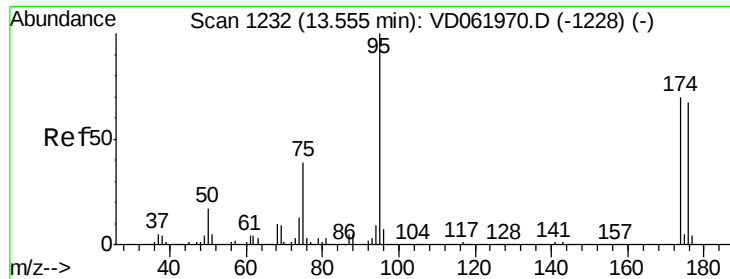
#59
2-Hexanone
Concen: 1.141 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.00 min
Lab File: VD062030.D
Acq: 25 Apr 2019 10:55

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 37.8 25.4 76.4



Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-1020) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-1020) (-)

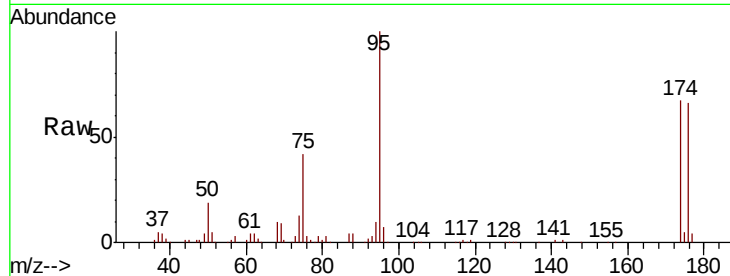




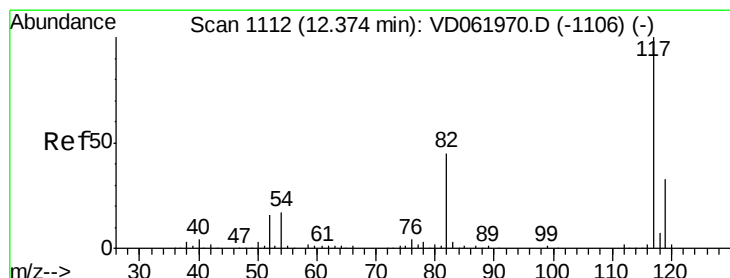
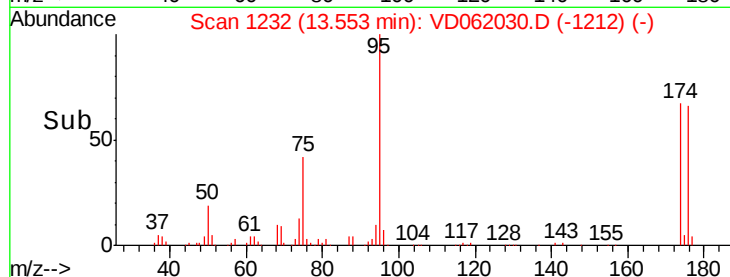
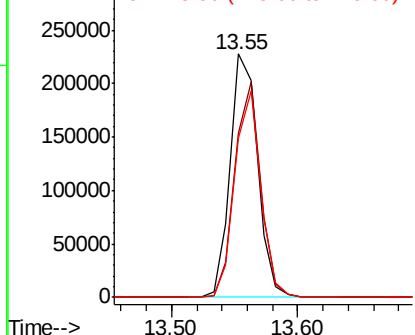
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062030.D
Acq: 25 Apr 2019 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBL01

Tgt Ion: 95 Resp: 340037
Ion Ratio Lower Upper
95 100
174 67.3 0.0 181.8
176 65.6 0.0 174.4

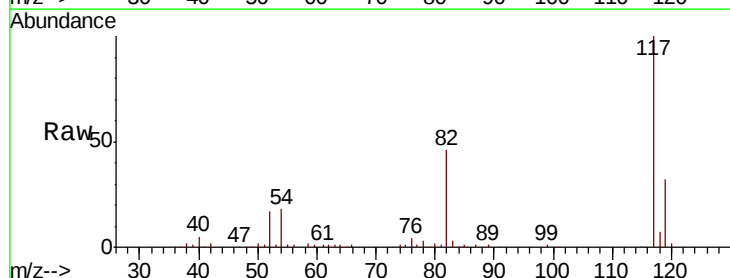


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

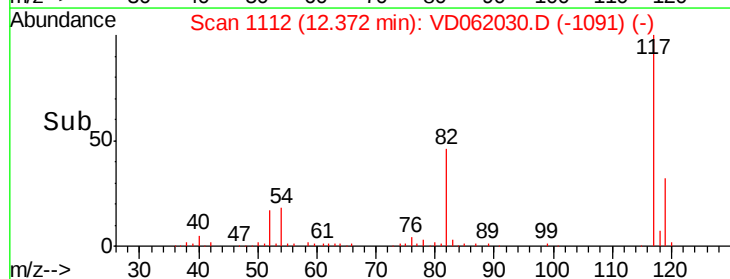
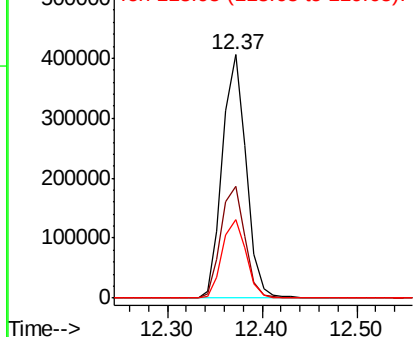


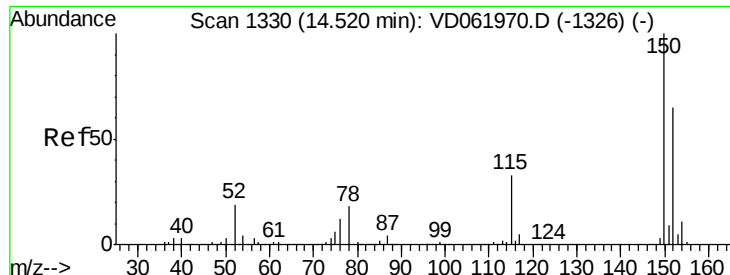
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062030.D
Acq: 25 Apr 2019 10:55

Tgt Ion: 117 Resp: 705921
Ion Ratio Lower Upper
117 100
82 45.9 36.2 54.2
119 32.5 26.2 39.4



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: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBL01

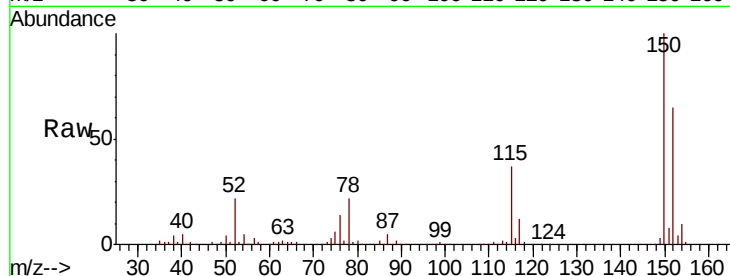
Tgt Ion:152 Resp: 337907

Ion Ratio Lower Upper

152 100

115 57.8 30.9 92.7

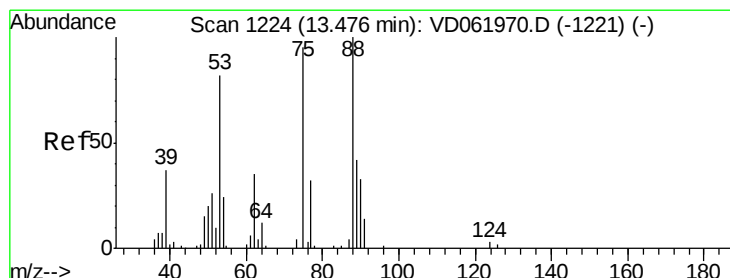
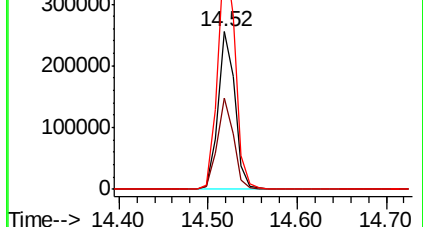
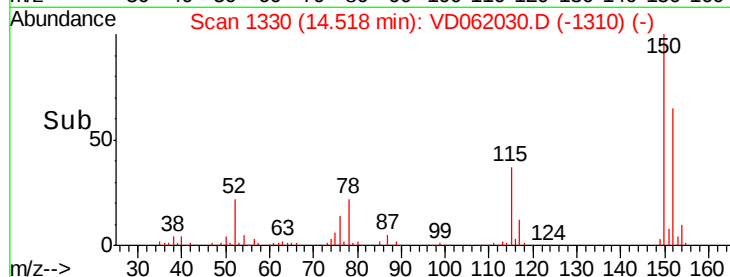
150 154.3 0.0 314.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 101.792 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD062030.D

Acq: 25 Apr 2019 10:55

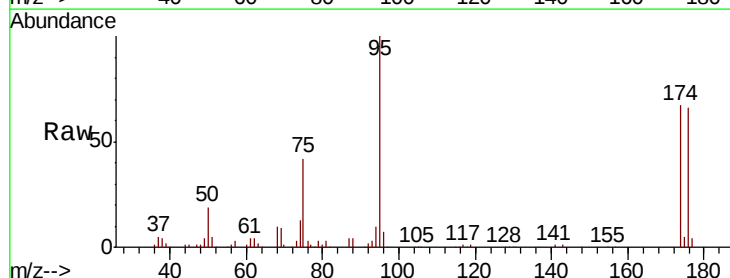
Tgt Ion: 75 Resp: 132362

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

