

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
 Data File : VD062061.D
 Acq On : 29 Apr 2019 14:20
 Operator : FY/SY
 Sample : VD0429SBL01
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

Quant Time: Apr 29 14:44:10 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	7.02	168	608908	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	965452	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	796825	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	398997	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	257615	54.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	6.89	113	352977	52.86	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.39	98	884196	55.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	13.54	95	353795	55.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.04%	

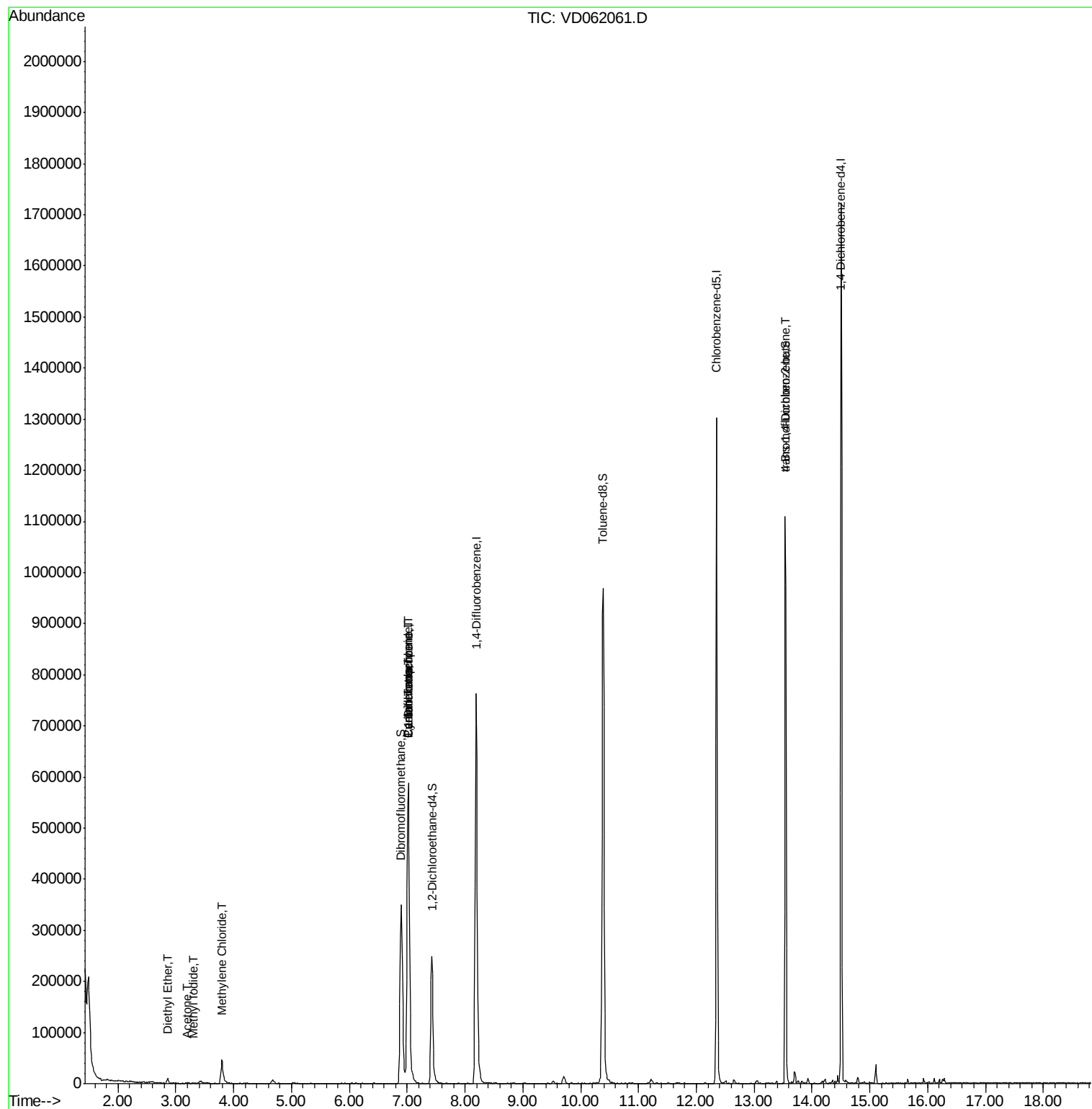
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	210	Below Cal	#	12
8) Diethyl Ether	2.86	74	3814	2.247	ug/l	93
10) Methyl Iodide	3.30	142	1478	5.577	ug/l #	37
16) Acetone	3.20	43	3084	2.710	ug/l #	50
20) Methylene Chloride	3.79	84	35534	3.445	ug/l	94
31) Cyclohexane	7.01	56	11105	1.564	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	44042	5.855	ug/l #	47
38) Carbon Tetrachloride	7.01	117	59152	6.206	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.54	75	136836	89.121	ug/l #	16

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

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Data File : VD062061.D
Acq On : 29 Apr 2019 14:20
Operator : FY/SY
Sample : VD0429SBL01
Misc : 5.00gm/5mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

Quant Time: Apr 29 14:44:10 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: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

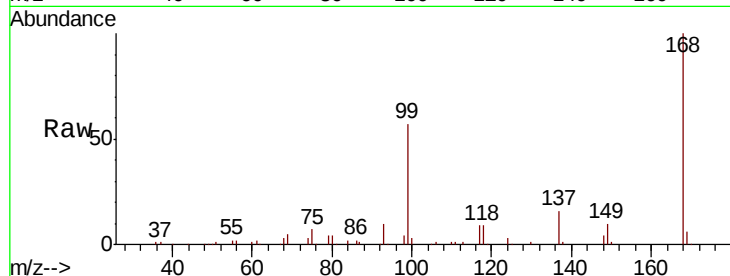
VD0429SBL01

Tgt Ion:168 Resp: 608908

Ion Ratio Lower Upper

168 100

99 57.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

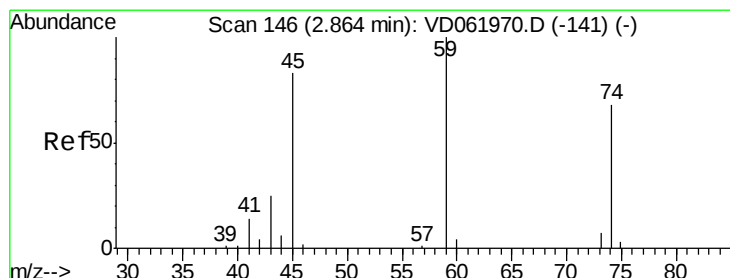
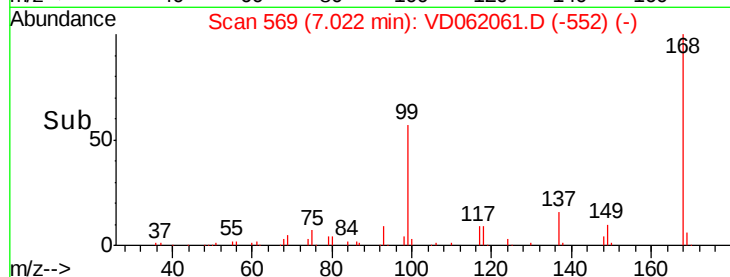
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#8

Diethyl Ether

Concen: 2.247 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.02 min

Lab File: VD062061.D

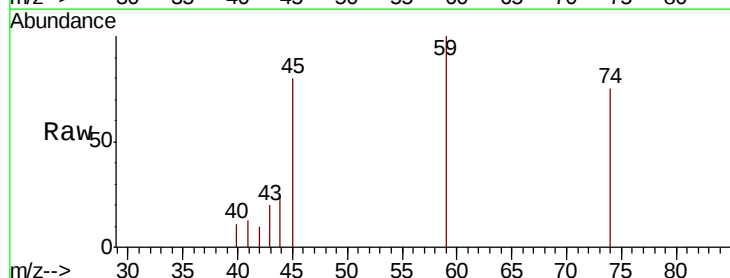
Acq: 29 Apr 2019 14:20

Tgt Ion: 74 Resp: 3814

Ion Ratio Lower Upper

74 100

45 106.4 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2500

2000

1500

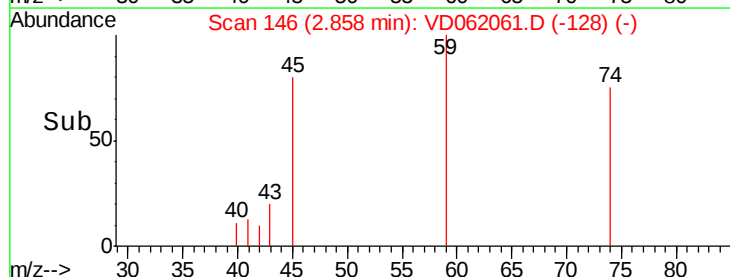
1000

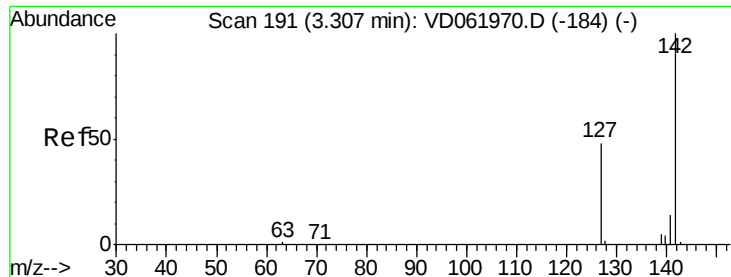
500

0

Time-->

2.80 2.85 2.90

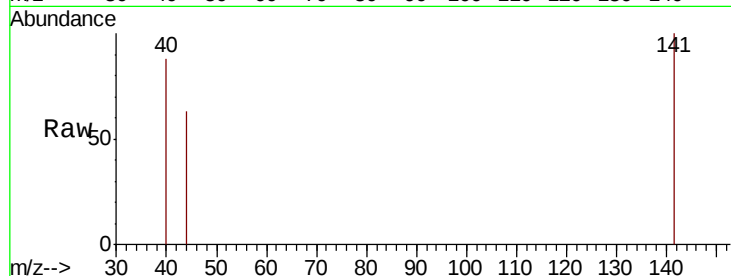




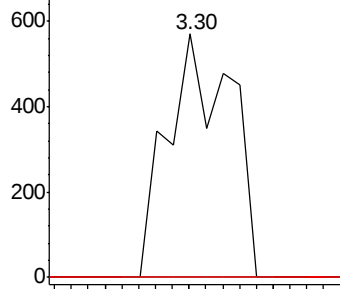
#10
Methyl Iodide
Concen: 5.577 ug/l
RT: 3.30 min Scan# 191
Delta R.T. -0.02 min
Lab File: VD062061.D
Acq: 29 Apr 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

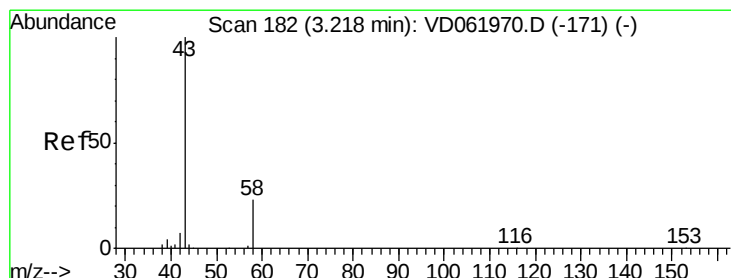
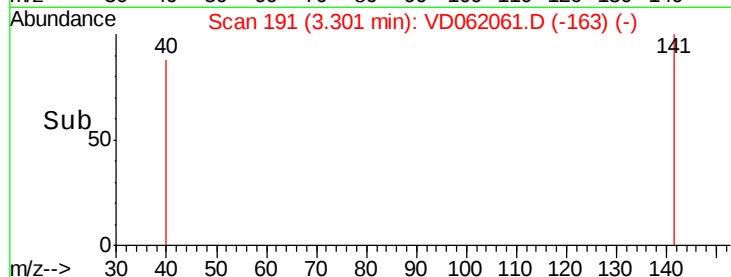
Tgt Ion: 142 Resp: 1478
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



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

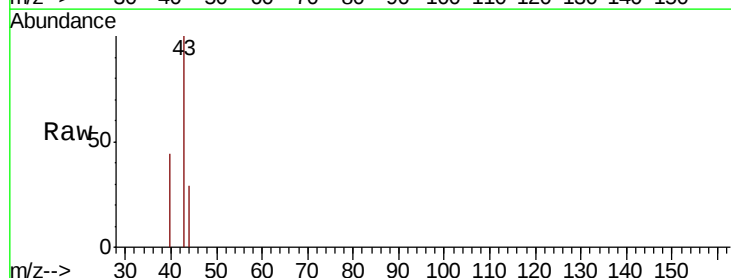


Time-->

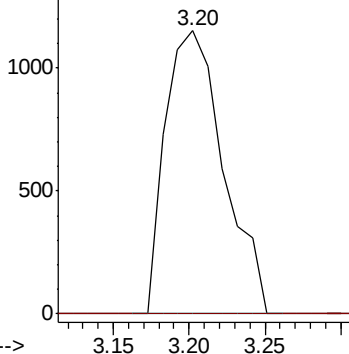


#16
Acetone
Concen: 2.710 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD062061.D
Acq: 29 Apr 2019 14:20

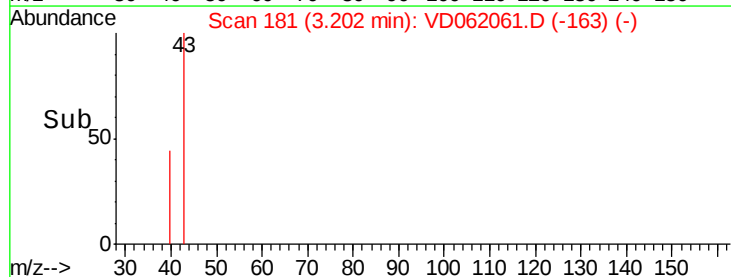
Tgt Ion: 43 Resp: 3084
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#

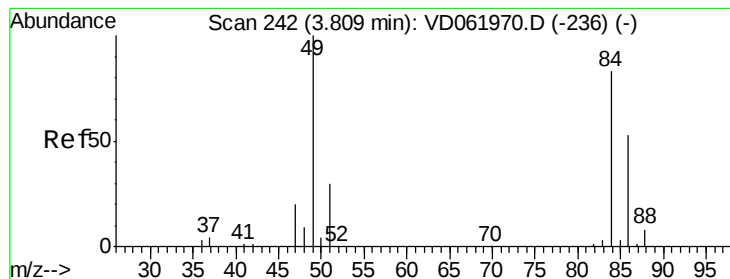


Abundance Ion 42.95 (42.65 to 43.65): V
Ion 57.95 (57.65 to 58.65): V



Time-->





#20

Methylene Chloride

Concen: 3.445 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01

Tgt Ion: 84 Resp: 35534

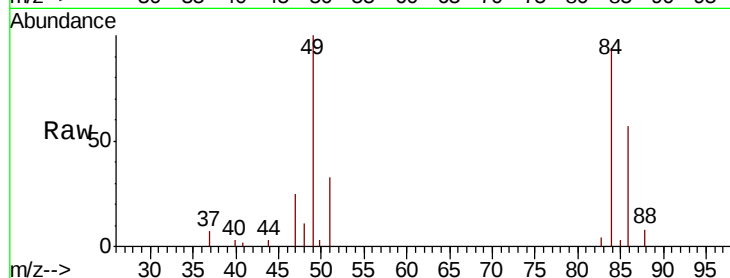
Ion Ratio Lower Upper

84 100

49 106.5 94.0 141.0

51 35.1 29.0 43.4

86 60.6 49.8 74.6

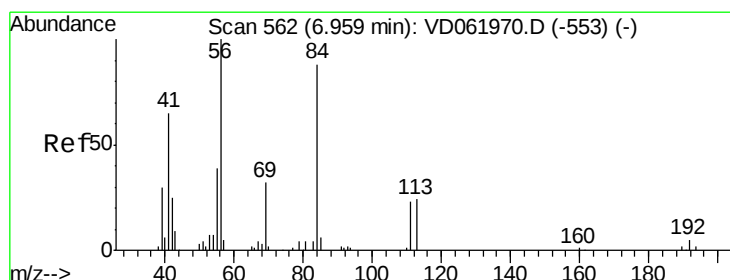
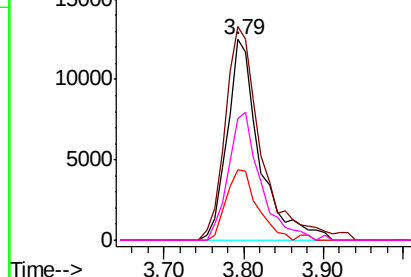
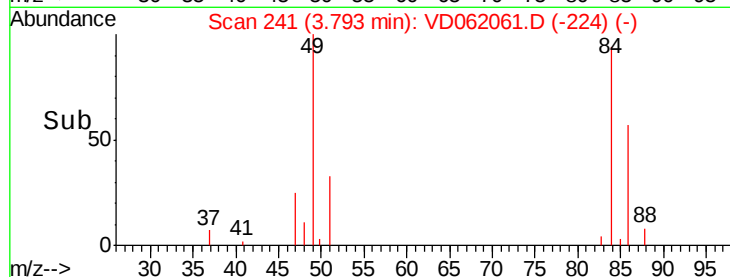


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane

Concen: 1.564 ug/l

RT: 7.01 min Scan# 568

Delta R.T. 0.05 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

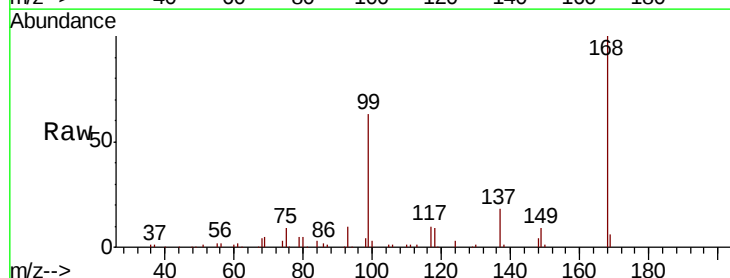
Tgt Ion: 56 Resp: 11105

Ion Ratio Lower Upper

56 100

69 257.4 25.8 38.6#

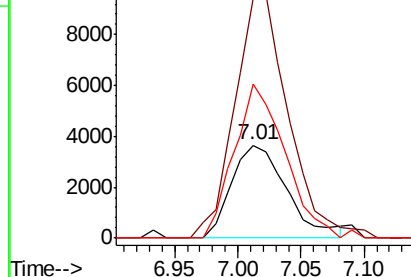
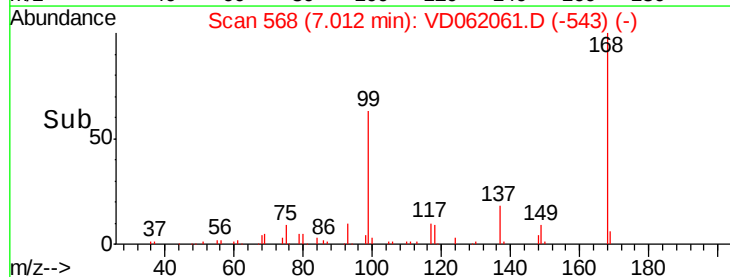
84 165.6 72.2 108.4#

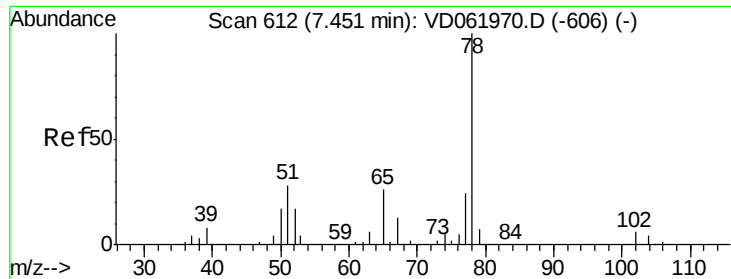


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

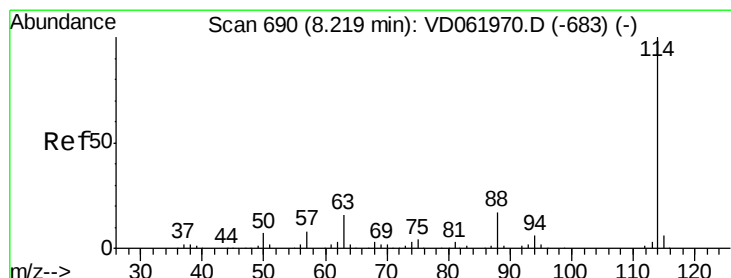
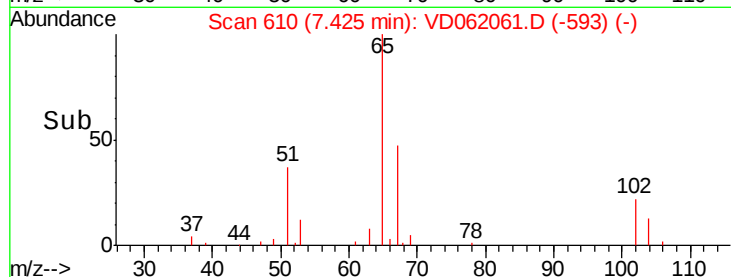
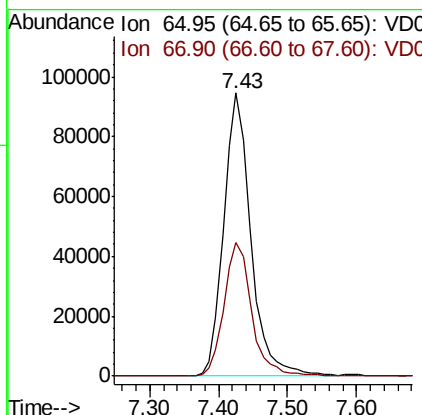
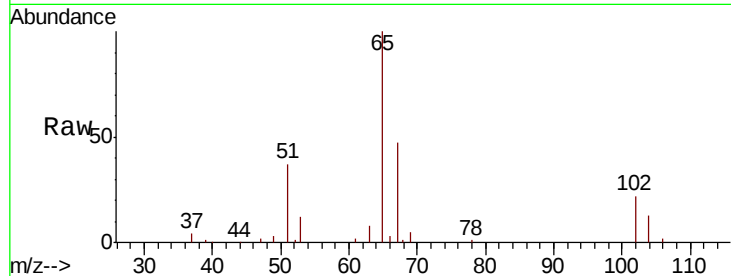




#33
 1,2-Dichloroethane-d4
 Concen: 54.056 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

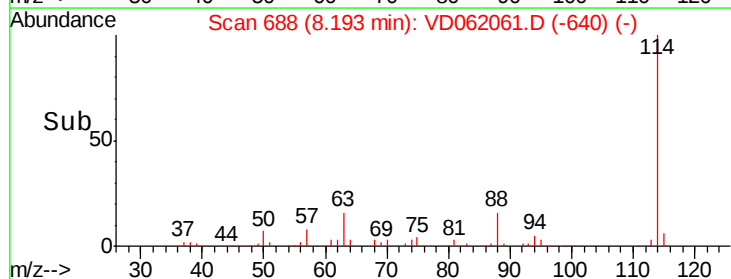
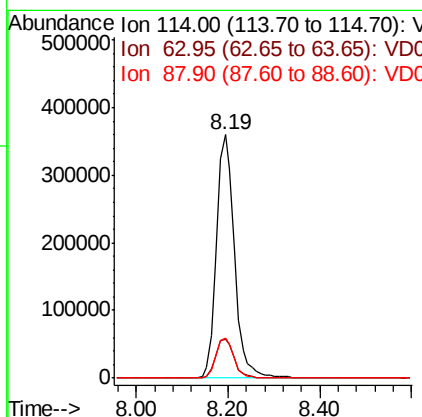
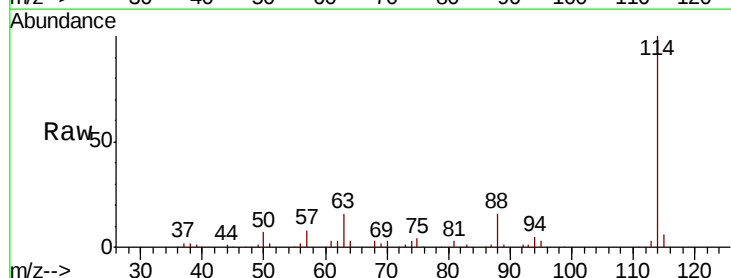
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

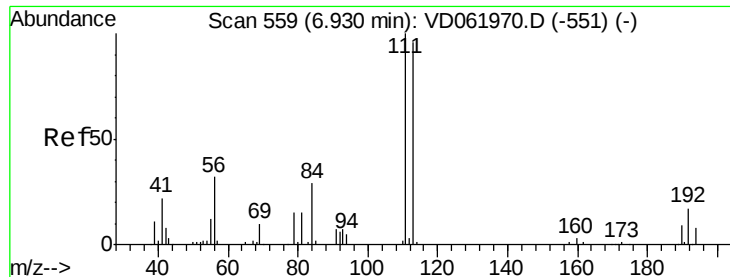
Tgt Ion: 65 Resp: 257615
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

Tgt Ion: 114 Resp: 965452
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 32.4
 88 16.3 0.0 33.6

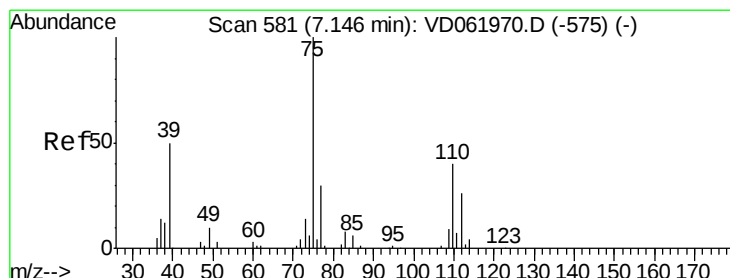
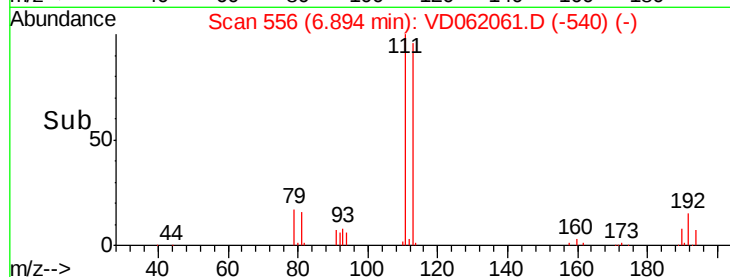
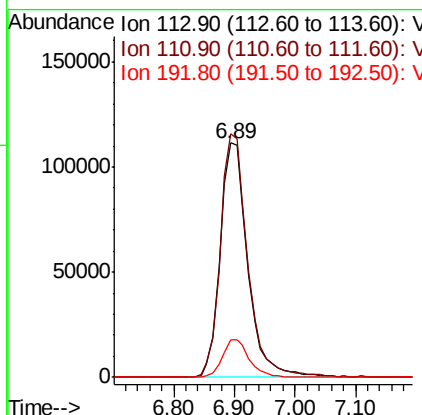
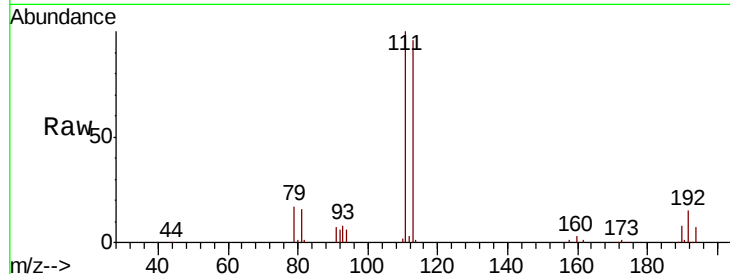




#35
 Dibromofluoromethane
 Concen: 52.864 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.04 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

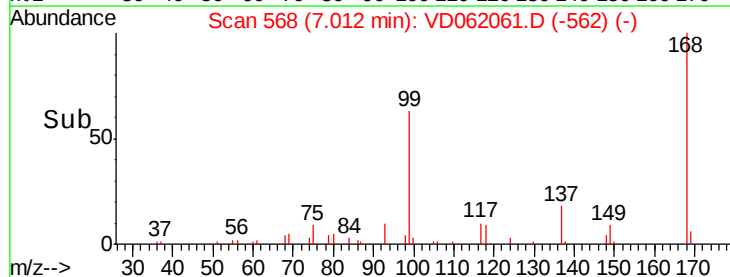
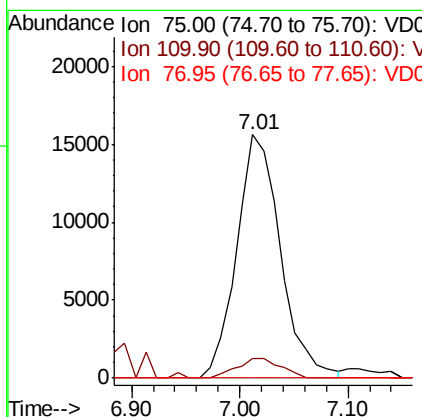
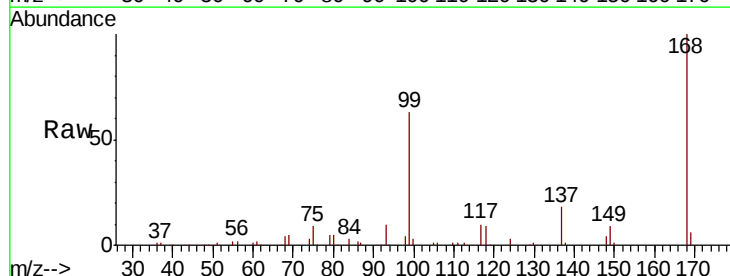
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

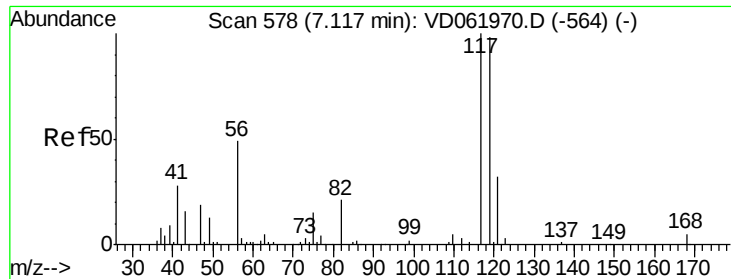
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	78.5	117.7
192	15.8	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 5.855 ug/l
 RT: 7.01 min Scan# 568
 Delta R.T. -0.14 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.1#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 6.206 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.11 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01

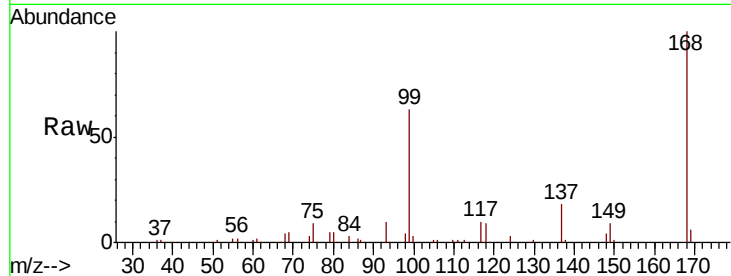
Tgt Ion:117 Resp: 59152

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

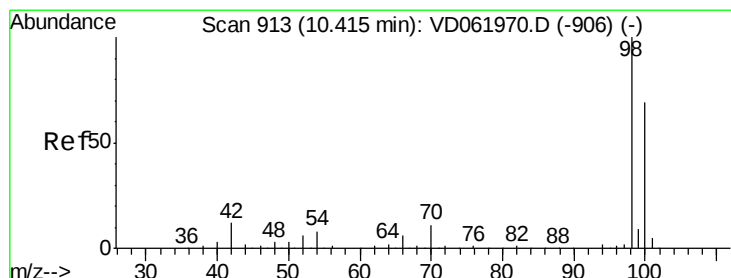
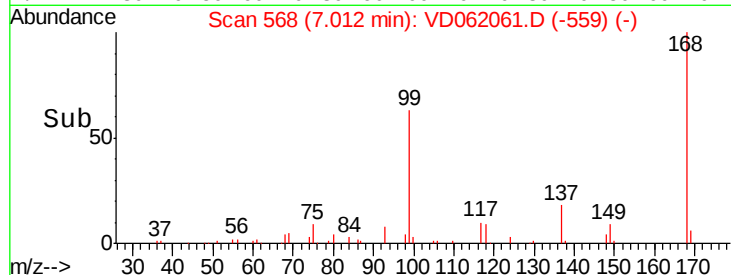
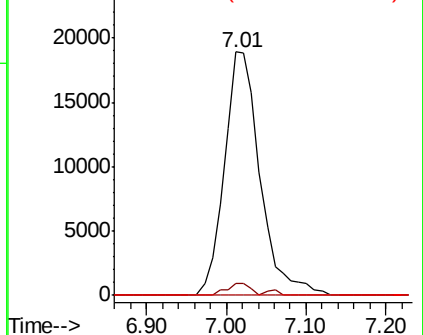
121 0.0 25.9 38.9#



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



#50

Toluene-d8

Concen: 55.652 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062061.D

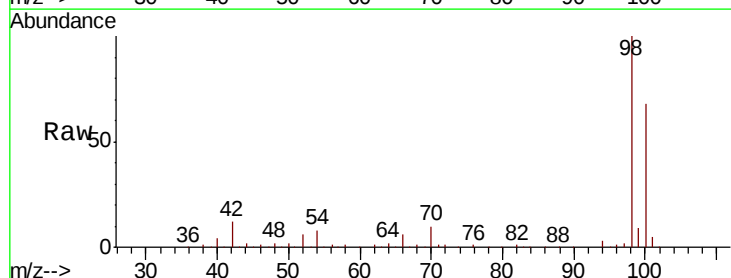
Acq: 29 Apr 2019 14:20

Tgt Ion: 98 Resp: 884196

Ion Ratio Lower Upper

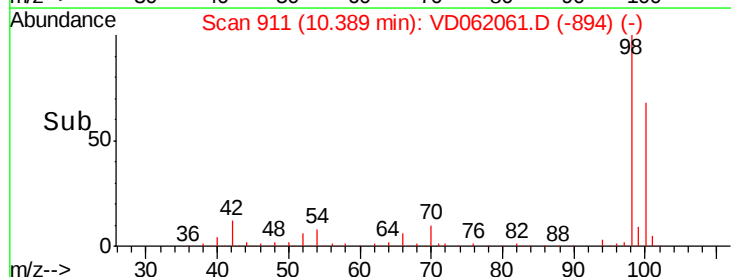
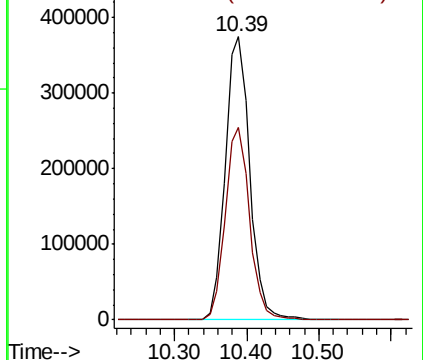
98 100

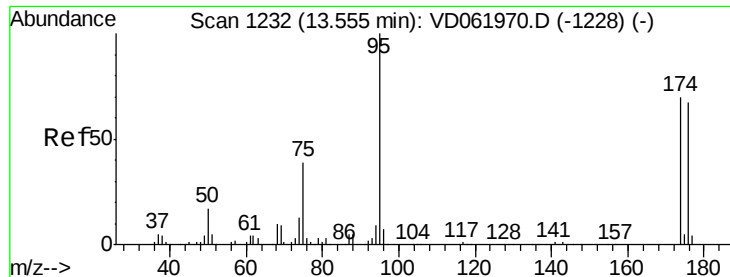
100 68.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

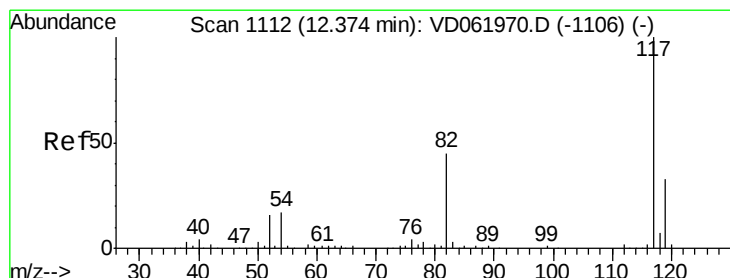
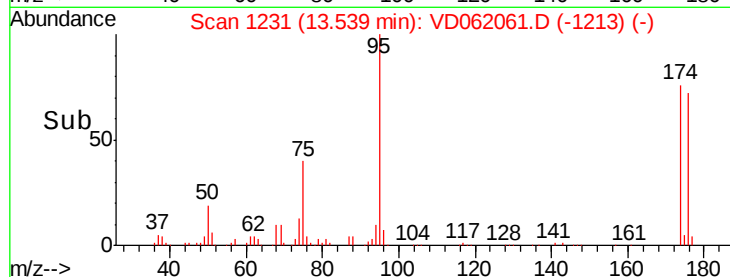
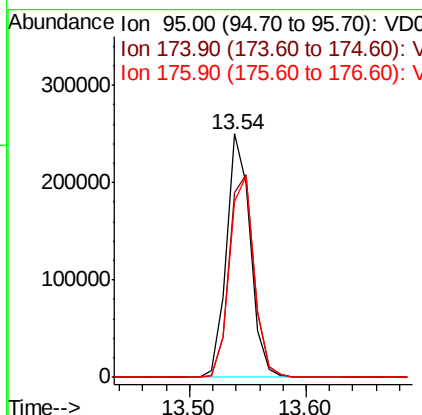
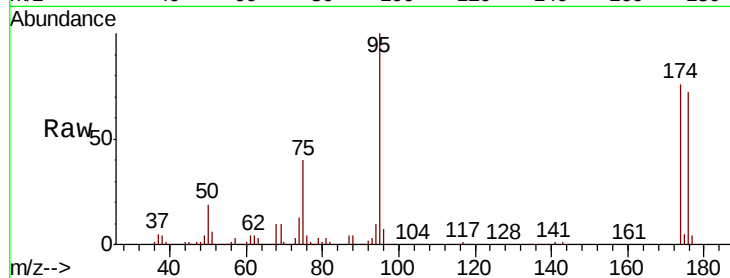




#62
 4-Bromofluorobenzene
 Concen: 55.519 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

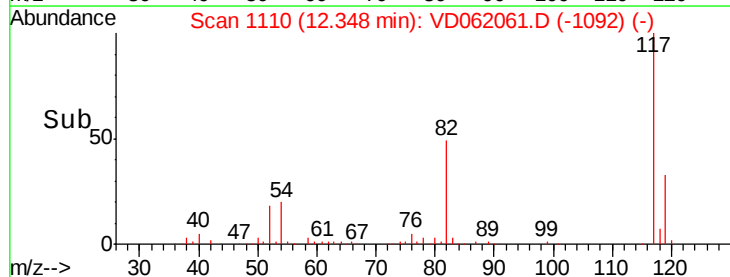
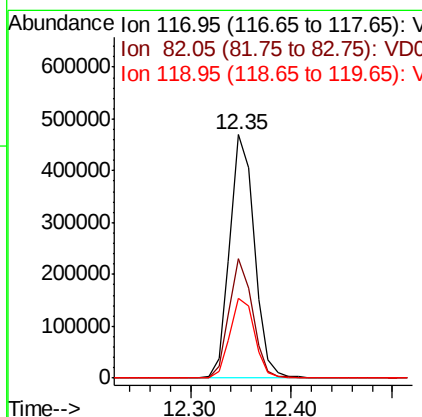
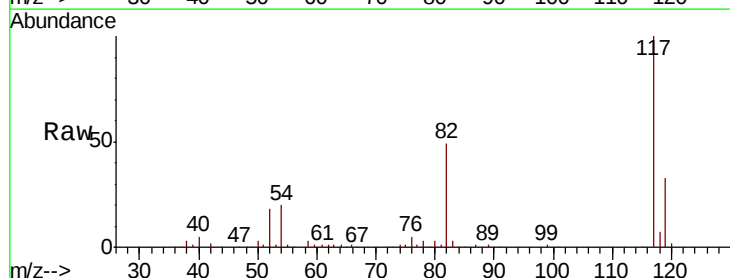
Instrument :
 MSVOA_D
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 VD0429SBL01

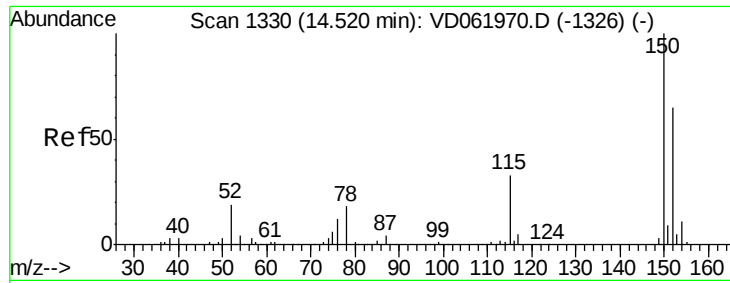
Tgt Ion: 95 Resp: 353795
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 181.8
 176 72.1 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062061.D
 Acq: 29 Apr 2019 14:20

Tgt Ion: 117 Resp: 796825
 Ion Ratio Lower Upper
 117 100
 82 49.1 36.2 54.2
 119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.02 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01

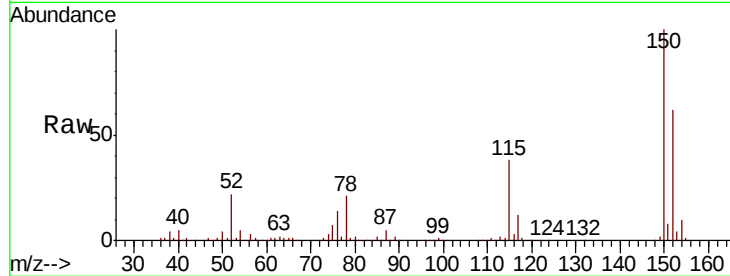
Tgt Ion:152 Resp: 398997

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.7

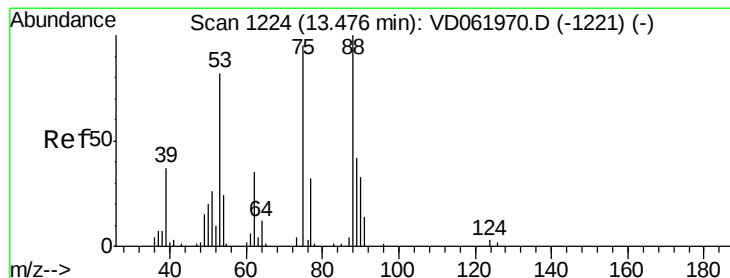
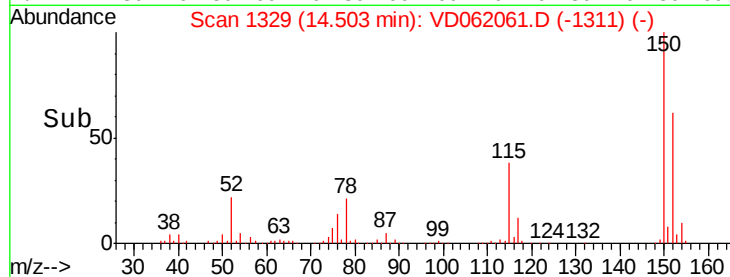
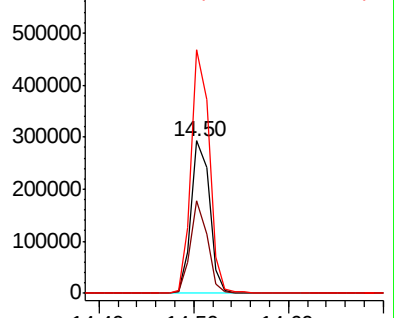
150 160.0 0.0 314.8



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: 89.121 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062061.D

Acq: 29 Apr 2019 14:20

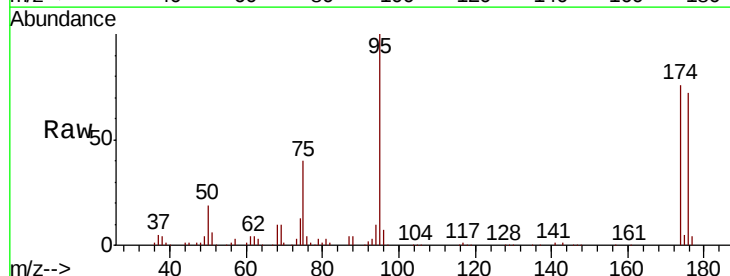
Tgt Ion: 75 Resp: 136836

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

