

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062207.D
 Acq On : 10 May 2019 11:11
 Operator : FY/SY
 Sample : VD0510SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 10 23:30:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

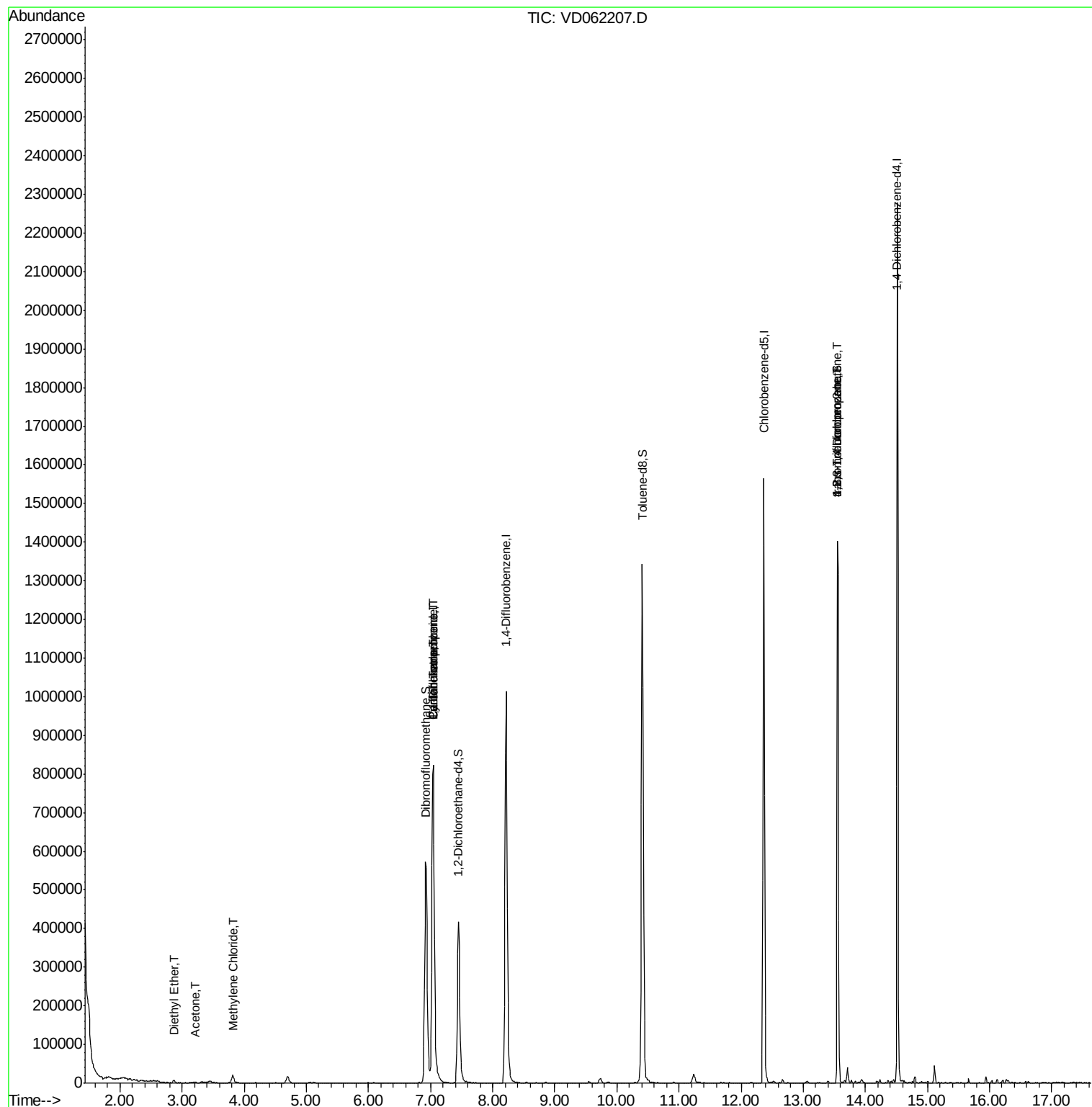
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	842284	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1167371	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	935759	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	487286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	449396	57.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.82%	
35) Dibromofluoromethane	6.92	113	533897	55.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.41	98	1190766	50.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	13.55	95	446242	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
8) Diethyl Ether	2.86	74	2804	1.307	ug/l	94
16) Acetone	3.22	43	4264	2.598	ug/l	91
20) Methylene Chloride	3.81	84	14227	2.076	ug/l	93
31) Cyclohexane	7.05	56	16478	2.006	ug/l #	6
36) 1,1-Dichloropropene	7.04	75	64631	6.753	ug/l #	46
38) Carbon Tetrachloride	7.05	117	79519	6.003	ug/l #	16
76) 1,2,3-Trichloropropane	13.55	75	148062	25.568	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	180618	110.481	ug/l #	16

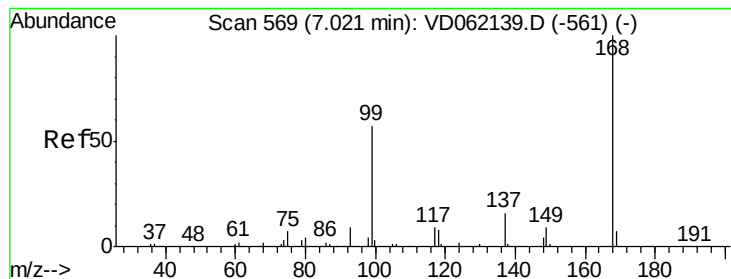
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
Data File : VD062207.D
Acq On : 10 May 2019 11:11
Operator : FY/SY
Sample : VD0510SBL01
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Quant Time: May 10 23:30:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

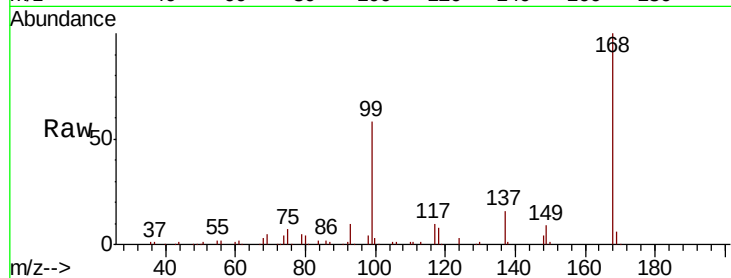
VD0510SBL01

Tot Ion:168 Resp: 842284

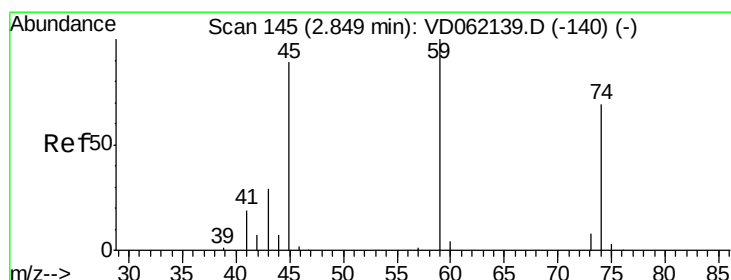
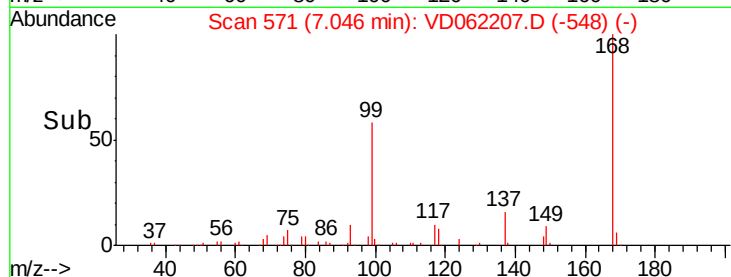
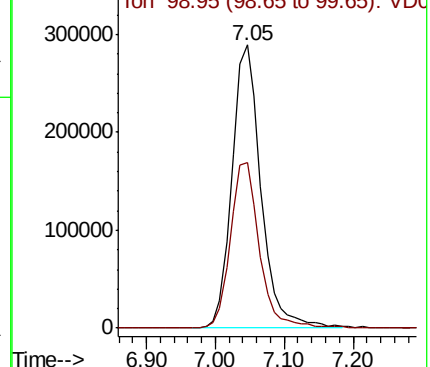
Ion Ratio Lower Upper

168 100

99 58.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#8

Diethyl Ether

Concen: 1.307 ug/l

RT: 2.86 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD062207.D

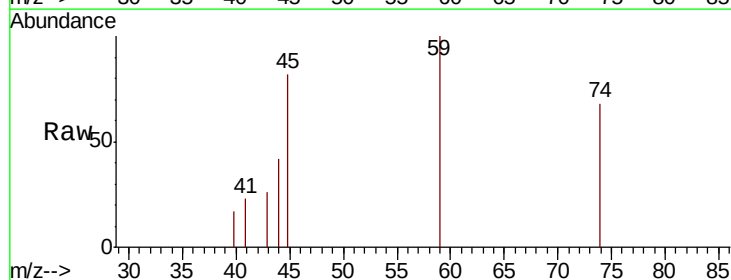
Acq: 10 May 2019 11:11

Tgt Ion: 74 Resp: 2804

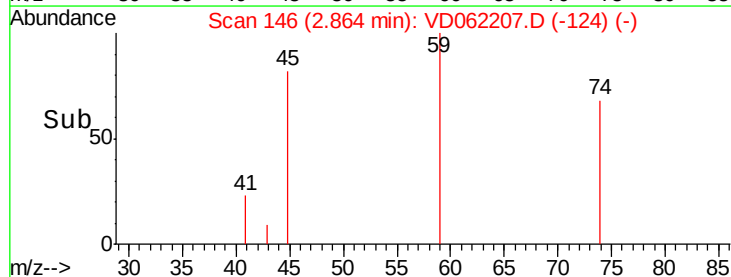
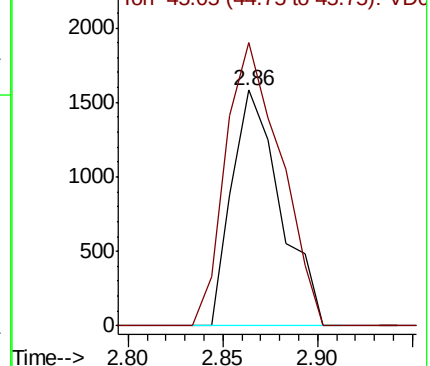
Ion Ratio Lower Upper

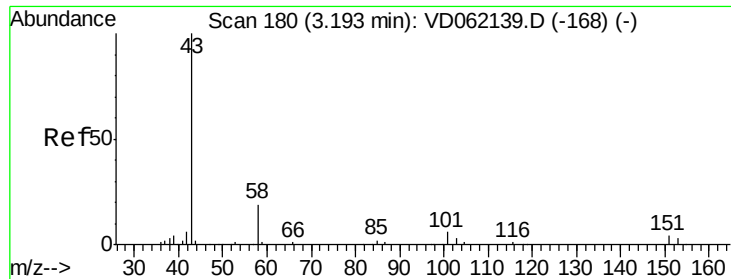
74 100

45 120.0 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC





#16

Acetone

Concen: 2.598 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

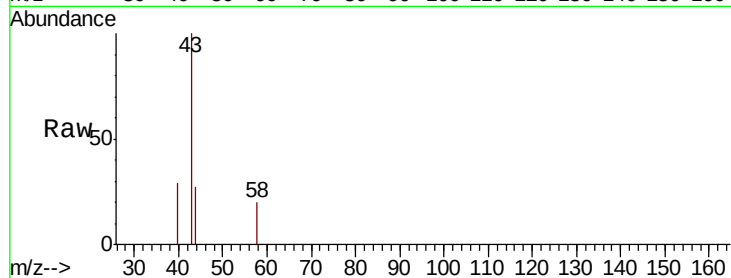
VD0510SBL01

Tot Ion: 43 Resp: 4264

Ion Ratio Lower Upper

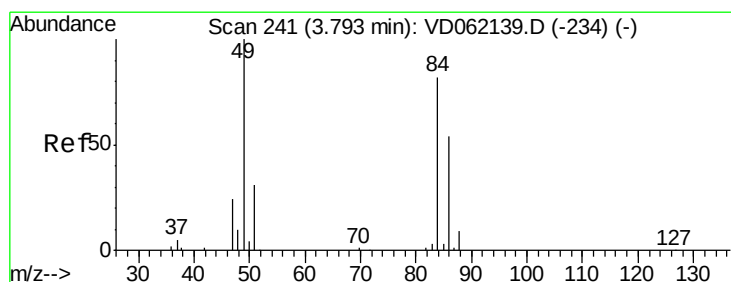
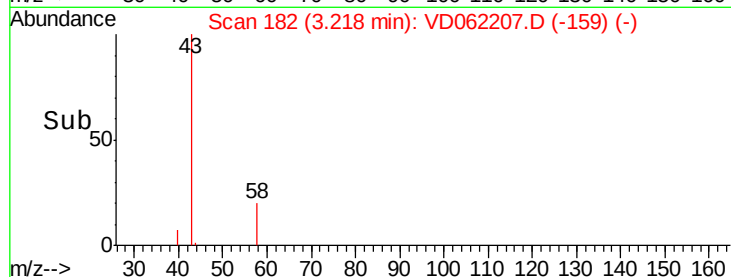
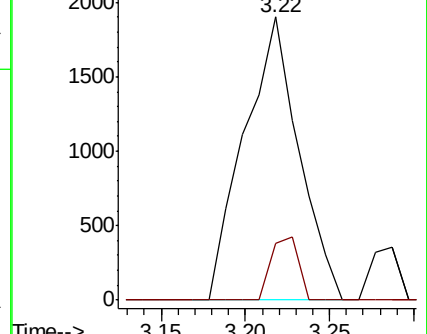
43 100

58 20.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 2.076 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Tgt Ion: 84 Resp: 14227

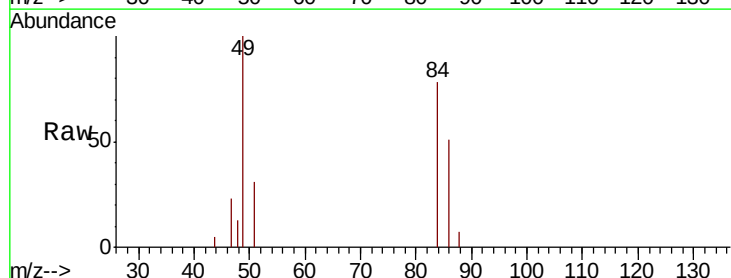
Ion Ratio Lower Upper

84 100

49 127.5 94.0 141.0

51 39.3 29.0 43.4

86 65.5 49.8 74.6

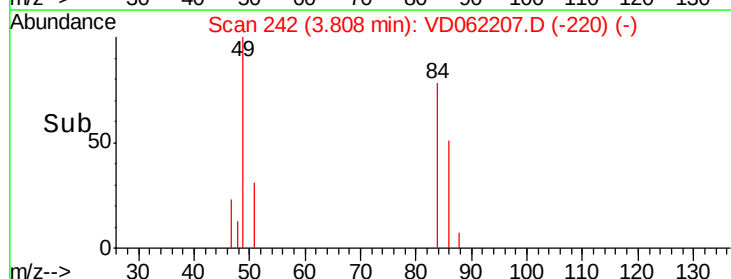
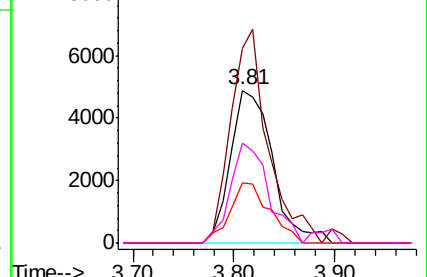


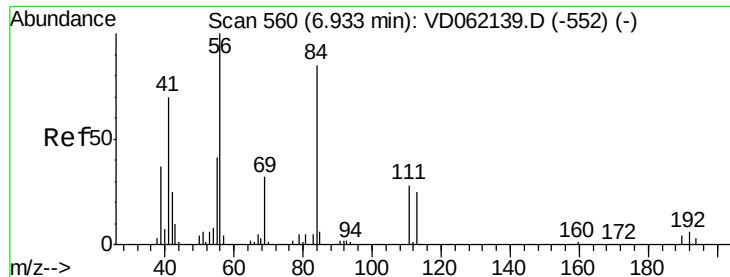
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

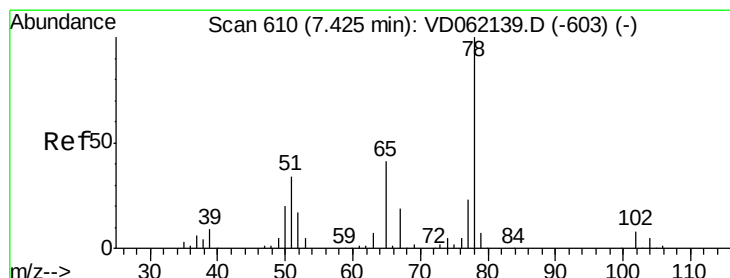
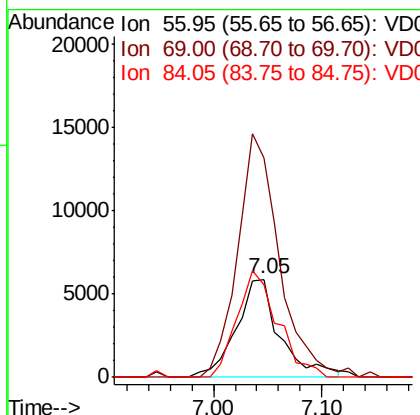
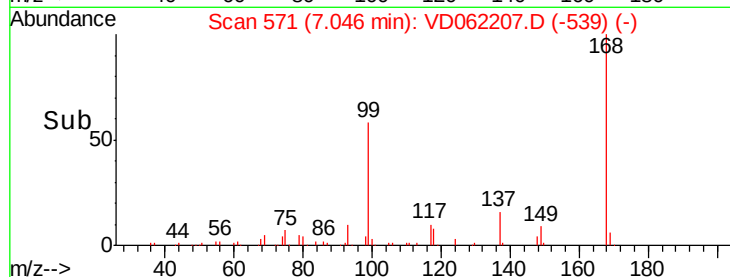
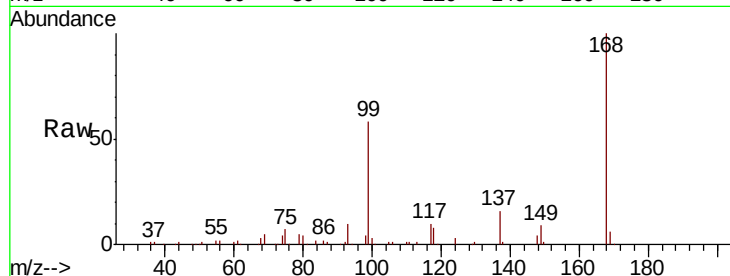




#31
Cyclohexane
Concen: 2.006 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

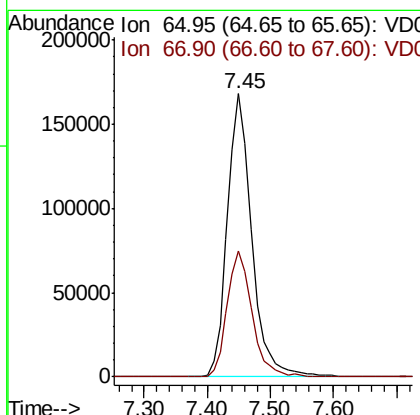
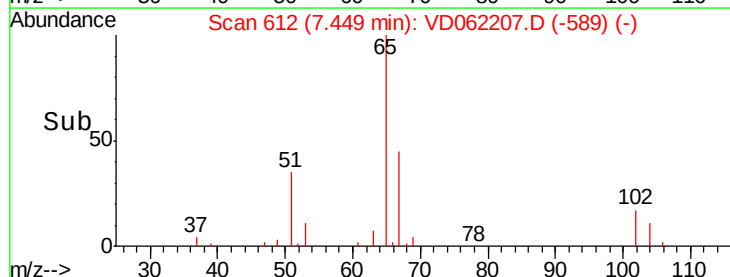
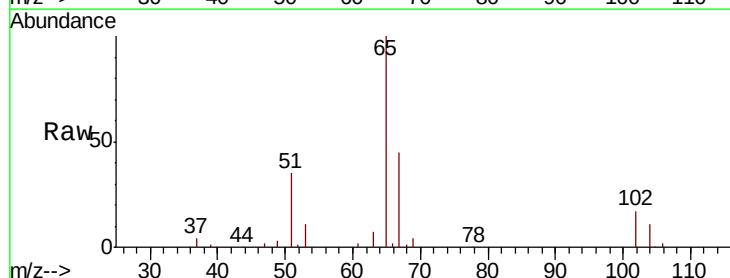
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

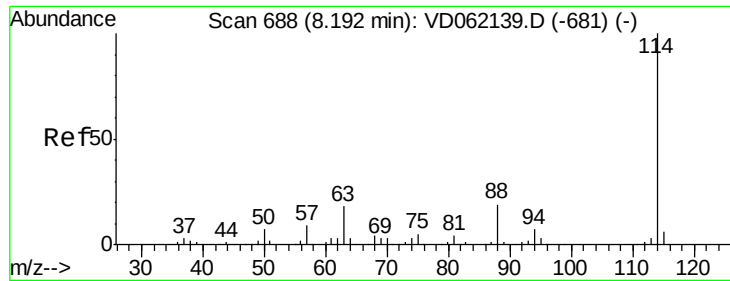
Tot Ion: 56 Resp: 16478
Ion Ratio Lower Upper
56 100
69 223.5 25.8 38.6#
84 95.1 72.2 108.4



#33
1,2-Dichloroethane-d4
Concen: 57.413 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

Tgt Ion: 65 Resp: 449396
Ion Ratio Lower Upper
65 100
67 44.6 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

VD0510SBL01

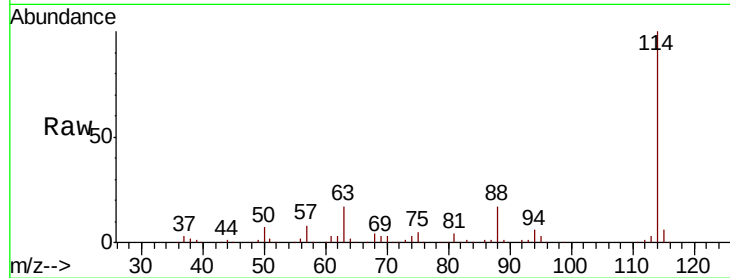
Tot Ion:114 Resp: 1167371

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.4

88 16.8 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

8.22

600000

500000

400000

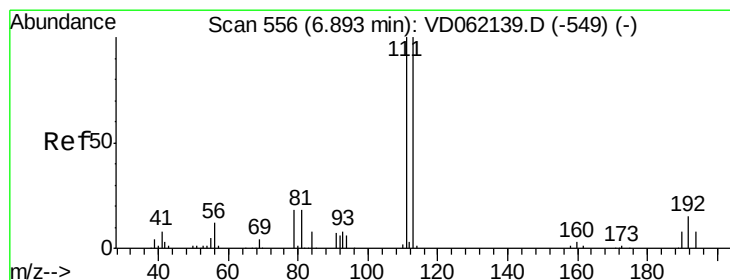
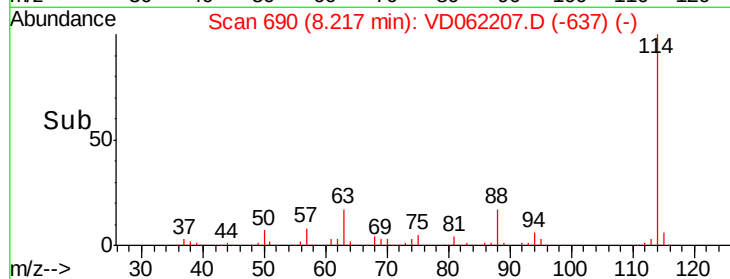
300000

200000

100000

0

Time--> 8.00 8.20 8.40



#35

Dibromofluoromethane

Concen: 55.122 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

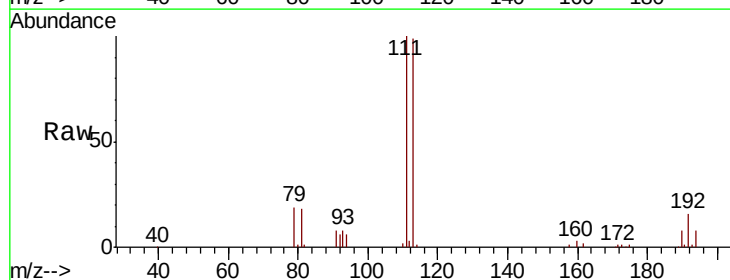
Tgt Ion:113 Resp: 533897

Ion Ratio Lower Upper

113 100

111 100.7 78.5 117.7

192 15.9 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

250000

200000

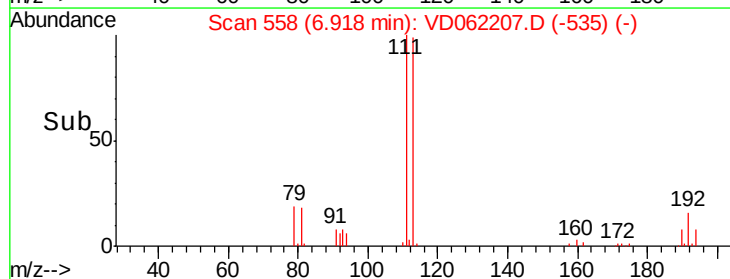
150000

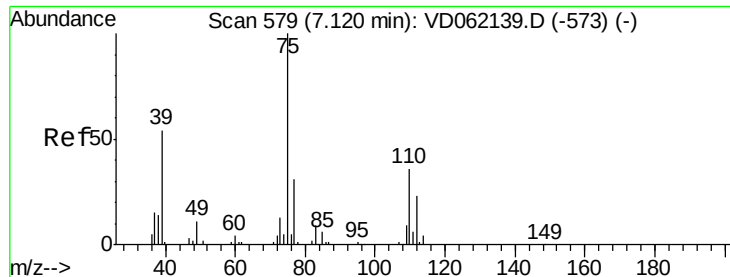
100000

50000

0

Time--> 6.80 6.90 7.00 7.10

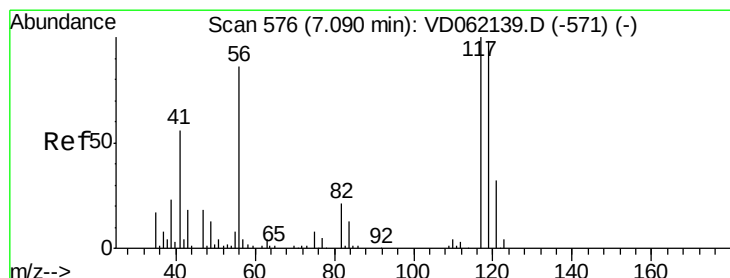
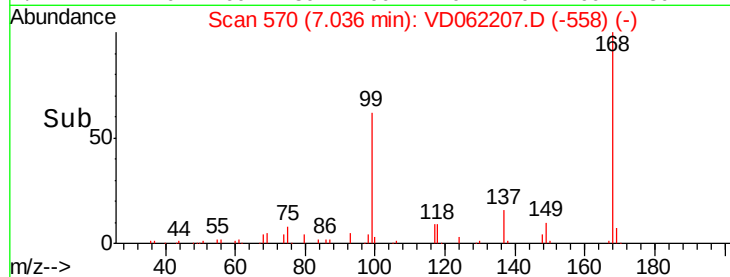
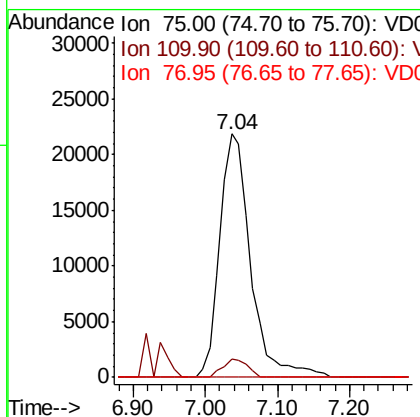
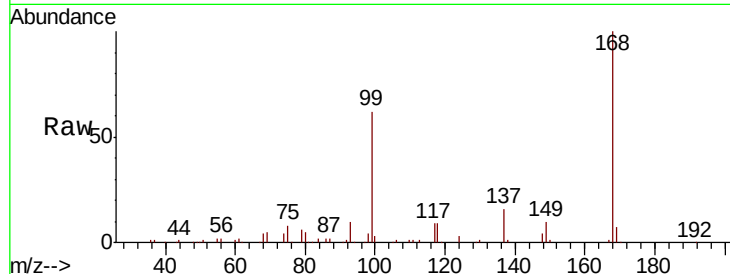




#36
 1,1-Dichloropropene
 Concen: 6.753 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD062207.D
 Acq: 10 May 2019 11:11

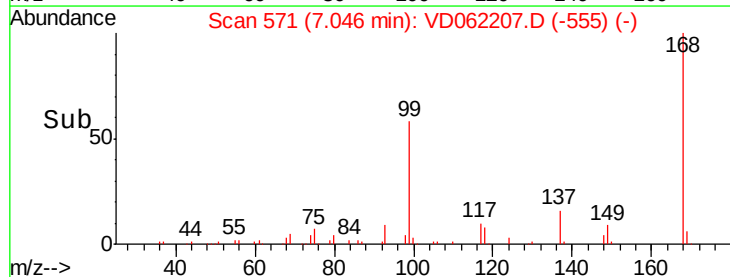
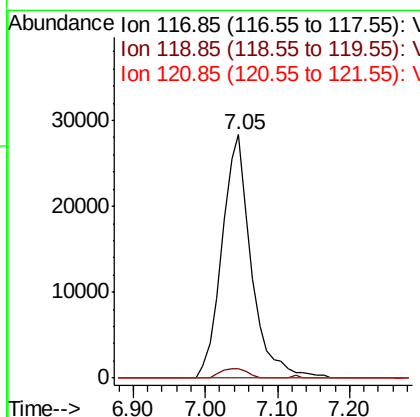
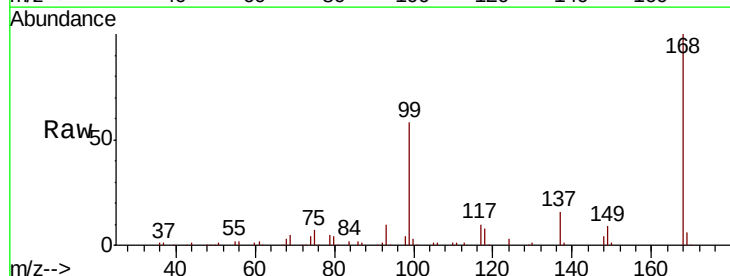
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

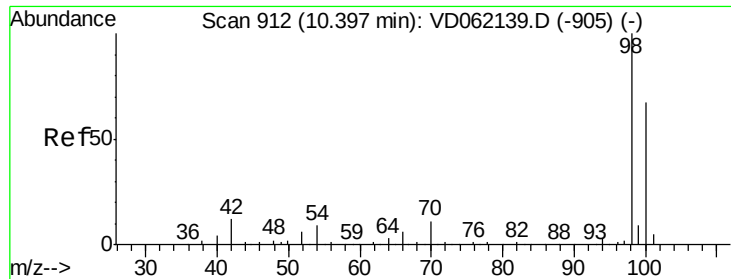
Tot Ion	75	Resp	64631
Ion Ratio	Lower	Upper	
75	100		
110	7.3	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.003 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD062207.D
 Acq: 10 May 2019 11:11

Tgt Ion	117	Resp	79519
Ion Ratio	Lower	Upper	
117	100		
119	4.1	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 50.989 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

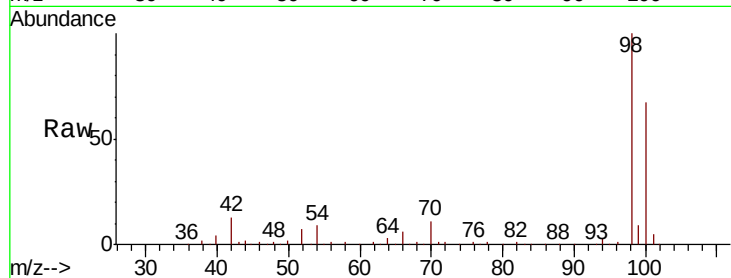
VD0510SBL01

Tot Ion: 98 Resp: 1190766

Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

500000

400000

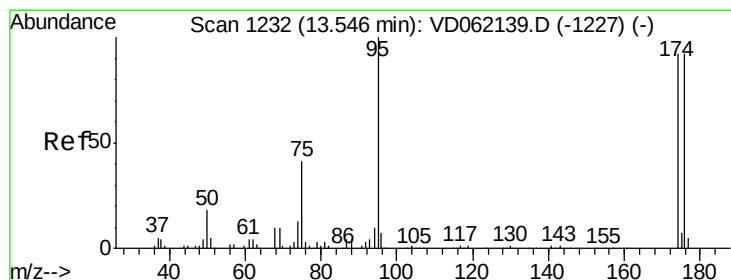
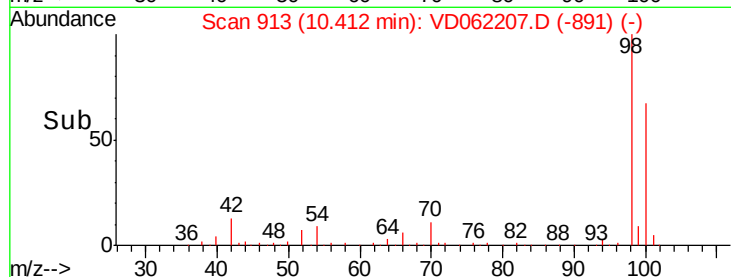
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.585 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

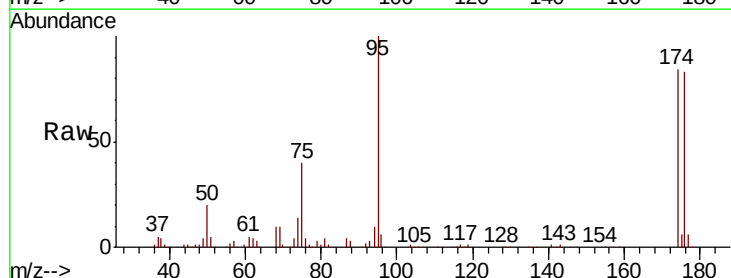
Tgt Ion: 95 Resp: 446242

Ion Ratio Lower Upper

95 100

174 83.9 0.0 181.8

176 83.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.55

400000

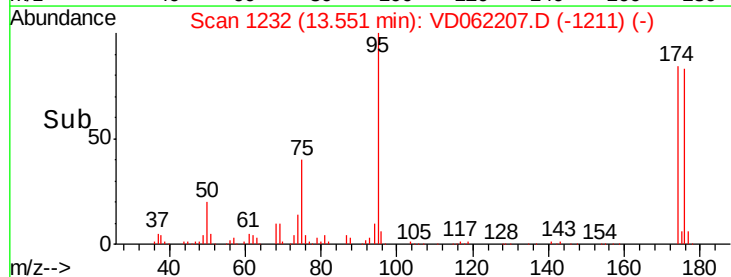
300000

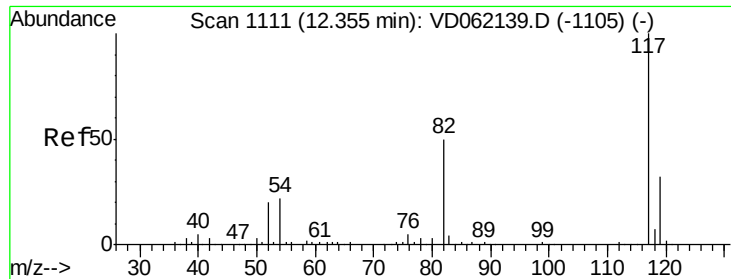
200000

100000

0

Time-->

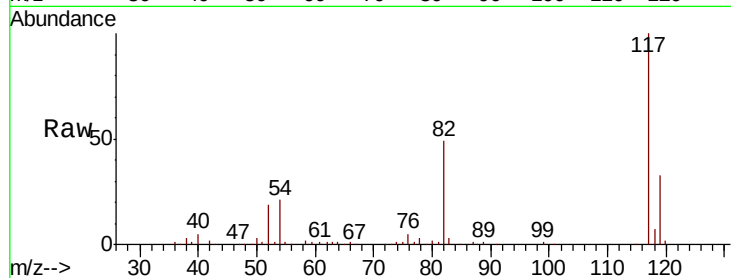




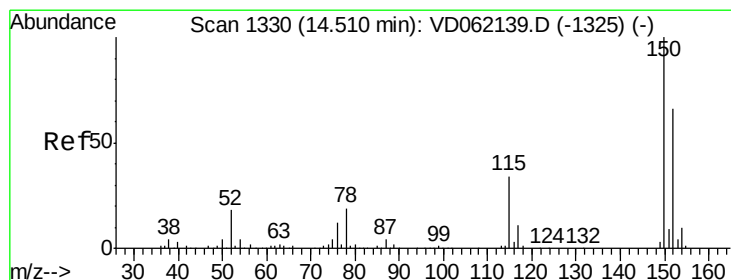
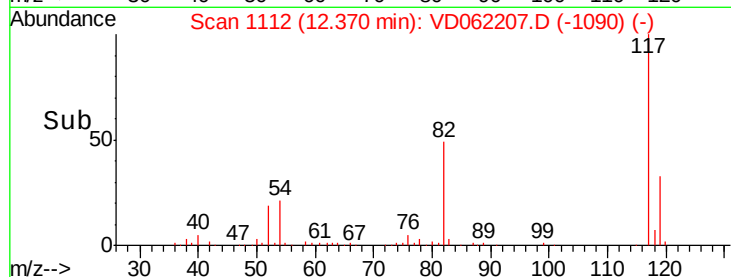
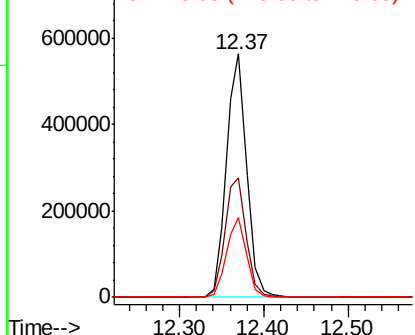
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Tot Ion:117 Resp: 935759
Ion Ratio Lower Upper
117 100
82 49.3 36.2 54.2
119 32.6 26.2 39.4

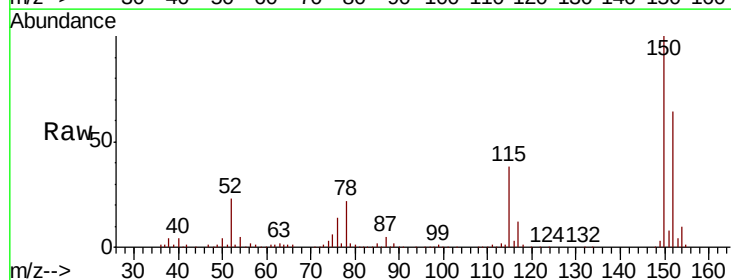


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

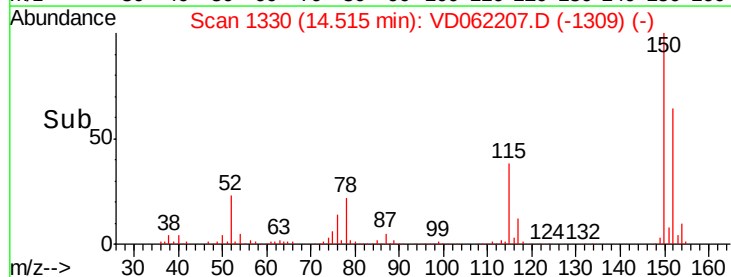
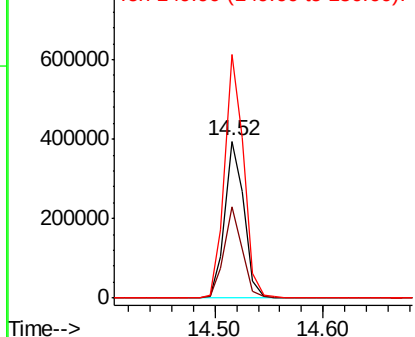


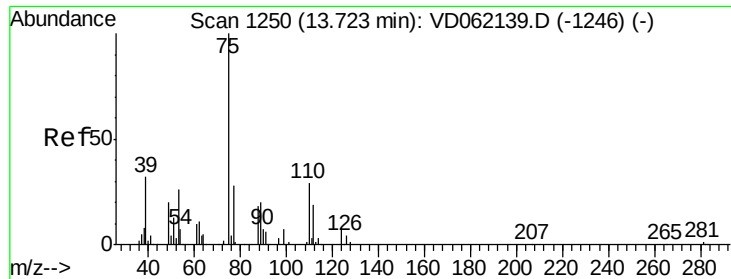
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

Tgt Ion:152 Resp: 487286
Ion Ratio Lower Upper
152 100
115 58.3 30.9 92.7
150 155.1 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: 25.568 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

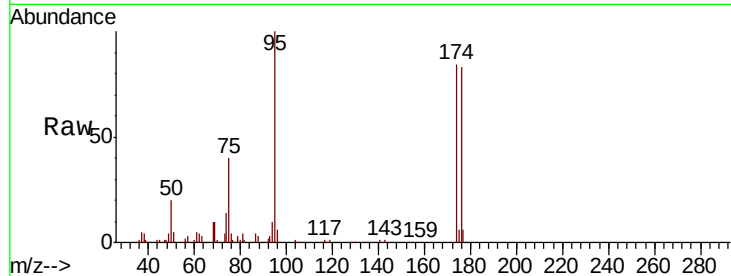
VD0510SBL01

Tot Ion: 75 Resp: 148062

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

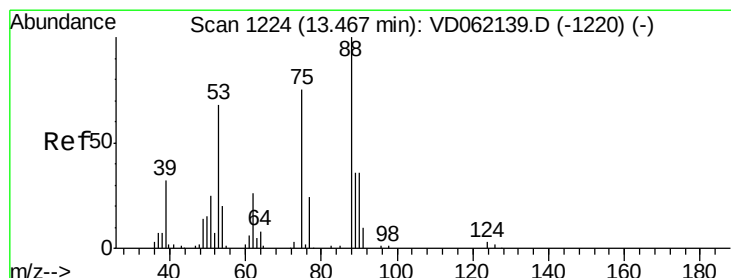
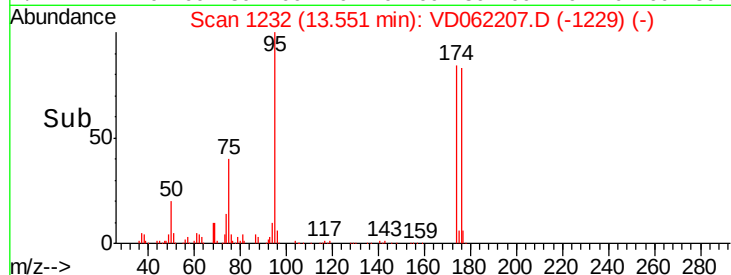
13.55

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 110.481 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

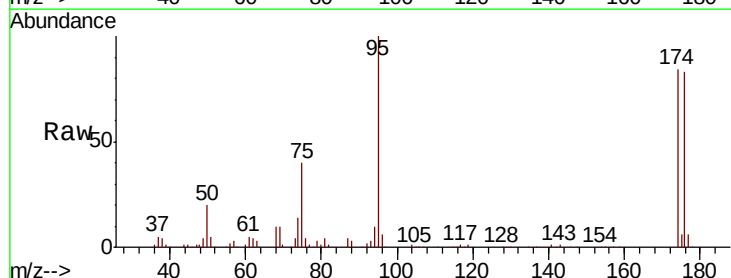
Tgt Ion: 75 Resp: 180618

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

13.55

150000

100000

50000

0

Time-->

