

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062274.D
 Acq On : 12 May 2019 23:36
 Operator : FY/SY
 Sample : VD0512SBL02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL02

Quant Time: May 13 03:16:09 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	7.06	168	639820	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	898024	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	725007	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	390253	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	333252	56.05	ug/l	0.04
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	6.93	113	386684	51.90	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.42	98	827571	46.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.14%	
62) 4-Bromofluorobenzene	13.56	95	352159	48.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.64%	

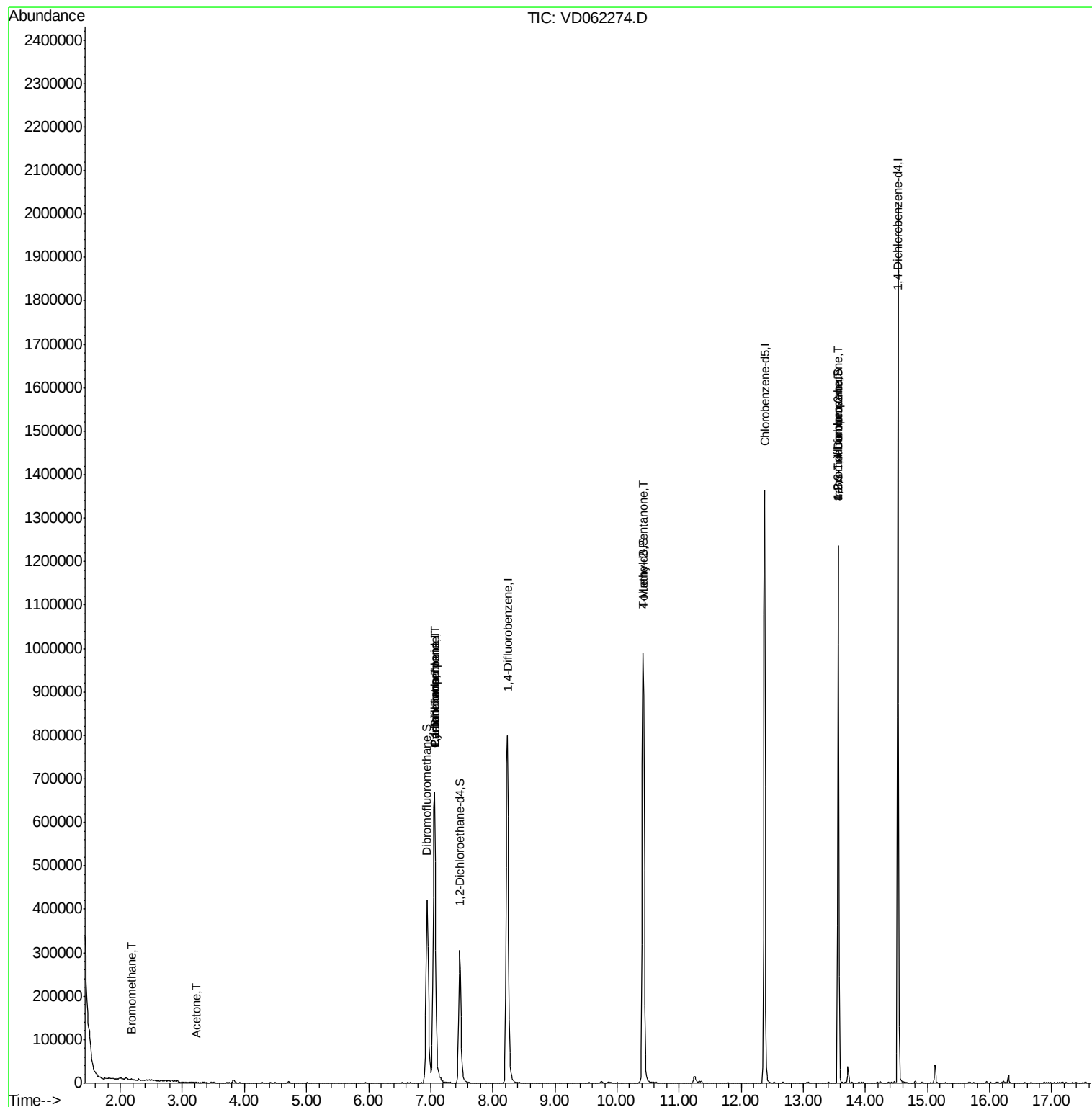
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	1127	1.107	ug/l #	12
16) Acetone	3.23	43	1624	1.302	ug/l #	50
18) Methyl Acetate	3.46	43	476	Below Cal	#	53
31) Cyclohexane	7.05	56	12789	2.050	ug/l #	8
36) 1,1-Dichloropropene	7.05	75	49162	6.677	ug/l #	49
38) Carbon Tetrachloride	7.06	117	67424	6.616	ug/l #	16
51) 4-Methyl-2-Pentanone	10.42	43	5172	1.817	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	154263	33.262	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	156480	119.515	ug/l #	16

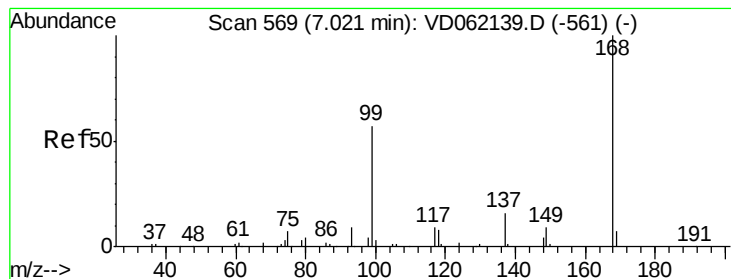
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051219\
Data File : VD062274.D
Acq On : 12 May 2019 23:36
Operator : FY/SY
Sample : VD0512SBL02
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

Quant Time: May 13 03:16:09 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: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

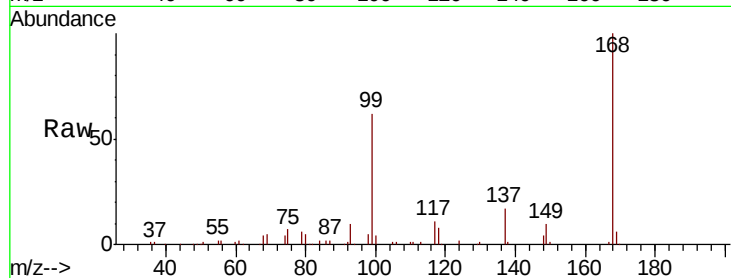
VD0512SBL02

Tot Ion:168 Resp: 639820

Ion Ratio Lower Upper

168 100

99 62.3 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

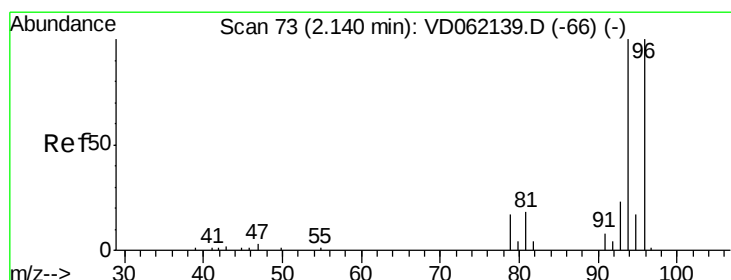
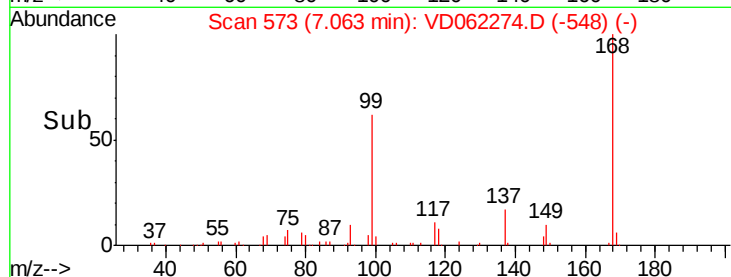
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.107 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

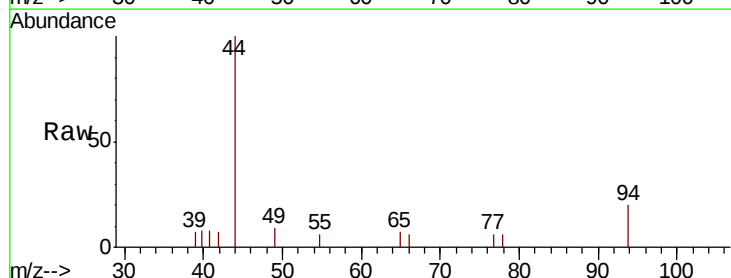
Tgt Ion: 94 Resp: 1127

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): V

Ion 96.00 (95.70 to 96.70): V

Ion 93.00 (92.70 to 93.70): V

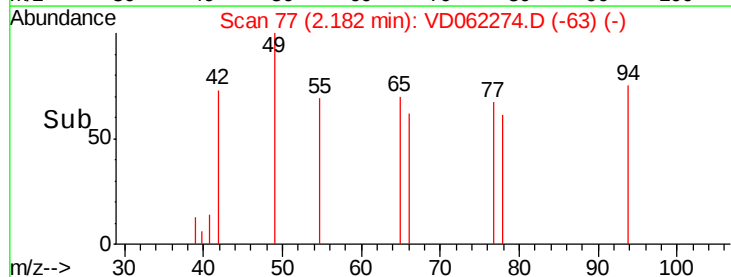
2.18

1000

500

0

Time--> 2.10 2.15 2.20





#16

Acetone

Concen: 1.302 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

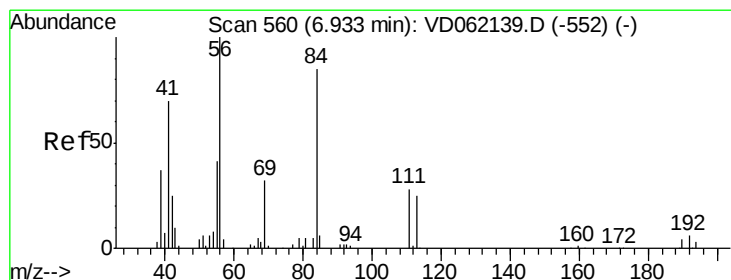
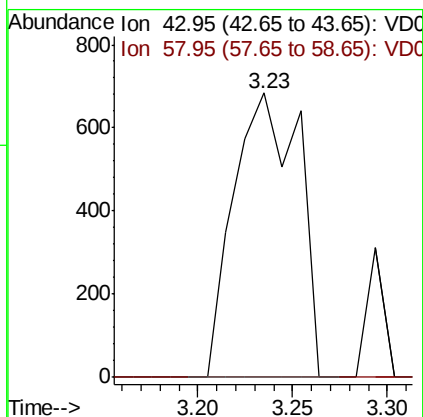
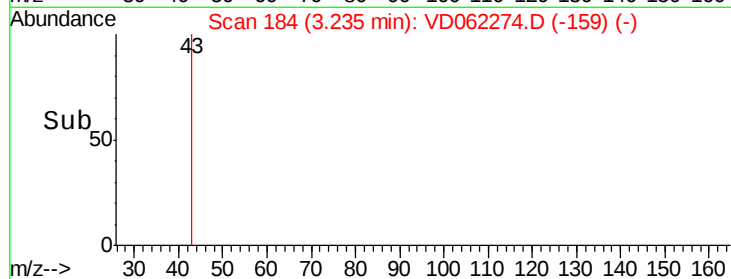
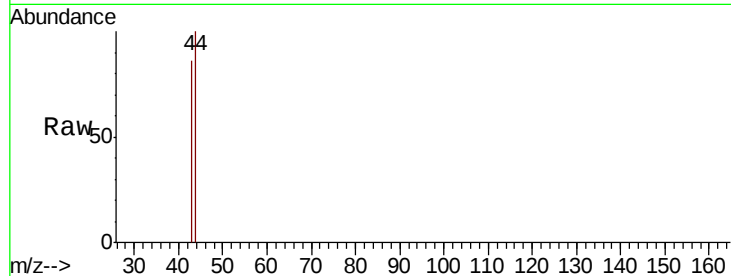
VD0512SBL02

Tot Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#31

Cyclohexane

Concen: 2.050 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

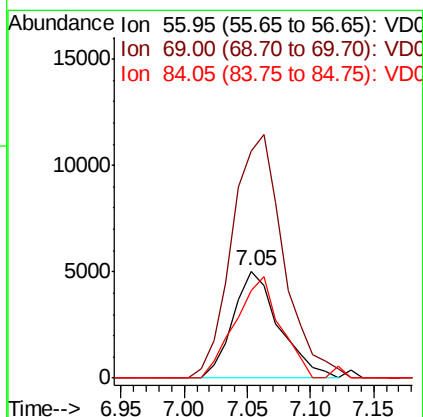
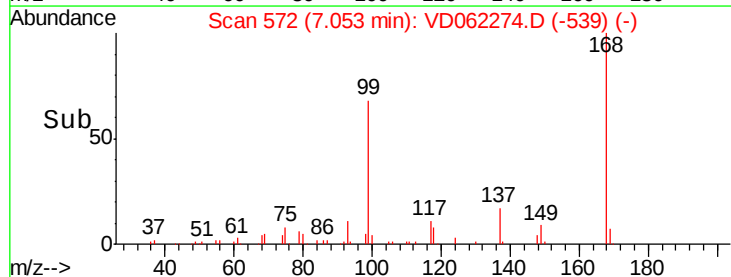
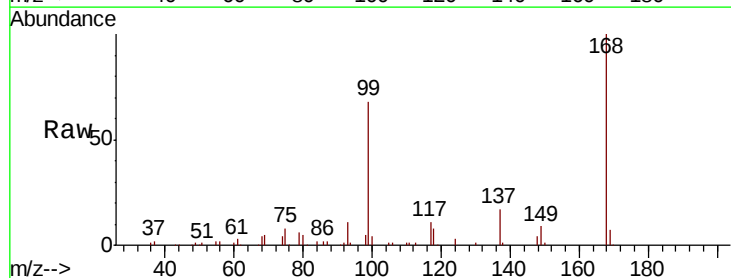
Tgt Ion: 56 Resp: 12789

Ion Ratio Lower Upper

56 100

69 212.8 25.8 38.6#

84 81.6 72.2 108.4





#33

1,2-Dichloroethane-d4

Concen: 56.047 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

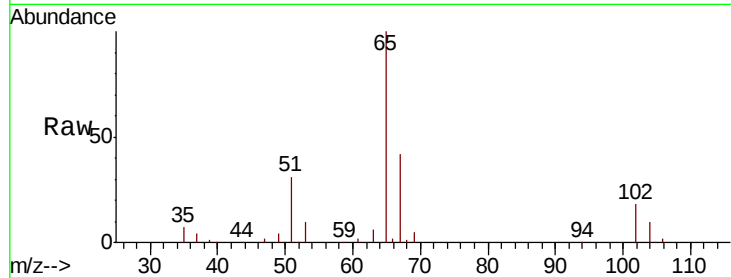
VD0512SBL02

Tot Ion: 65 Resp: 333252

Ion Ratio Lower Upper

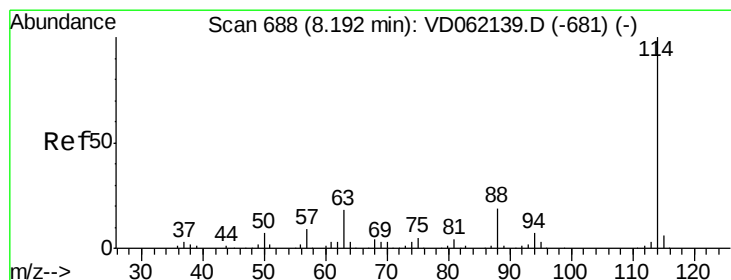
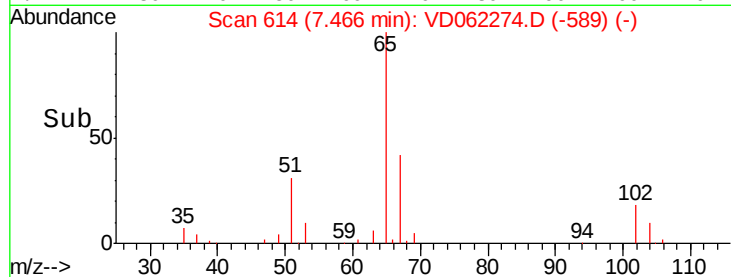
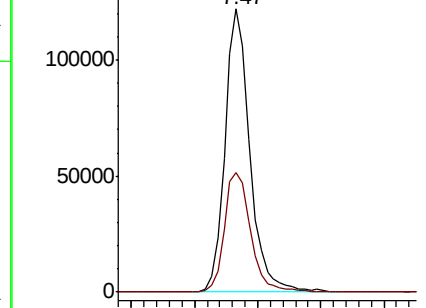
65 100

67 42.3 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

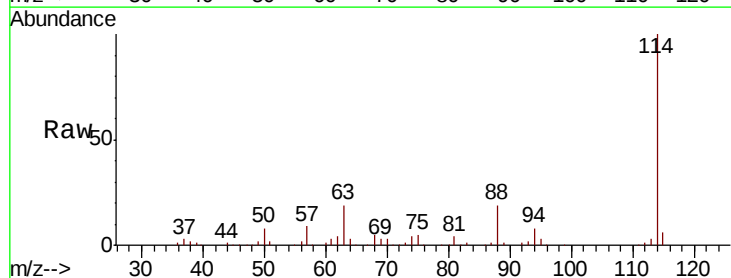
Tgt Ion: 114 Resp: 898024

Ion Ratio Lower Upper

114 100

63 18.6 0.0 32.4

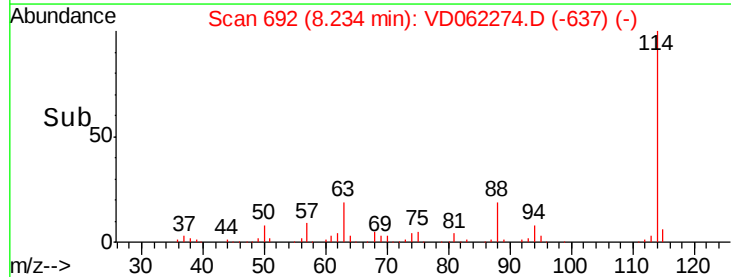
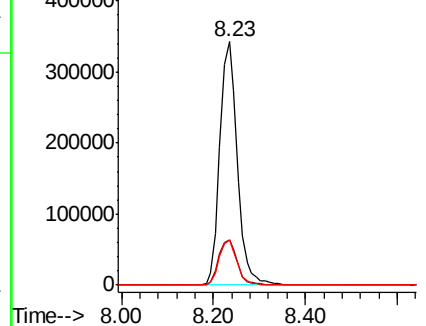
88 18.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

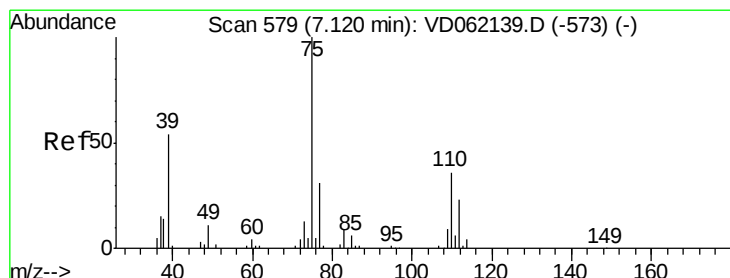
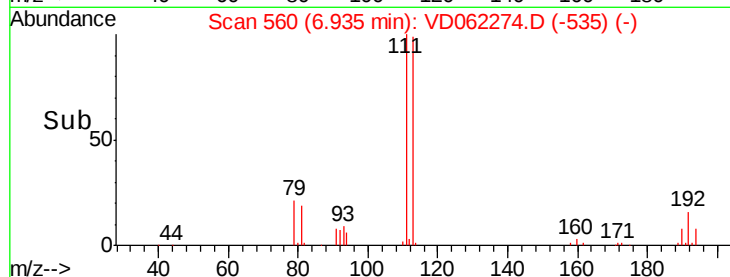
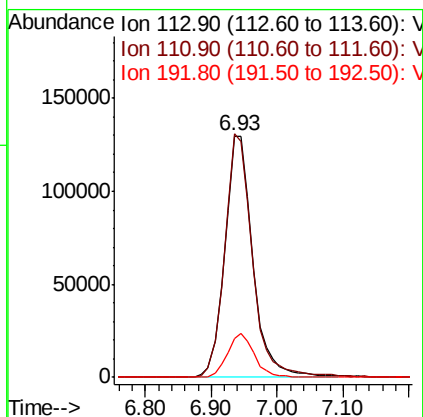
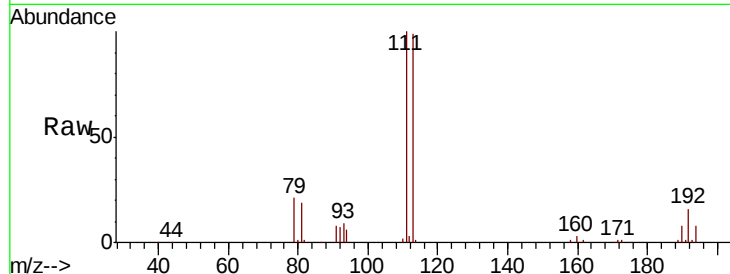




#35
 Dibromofluoromethane
 Concen: 51.897 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062274.D
 Acq: 12 May 2019 23:36

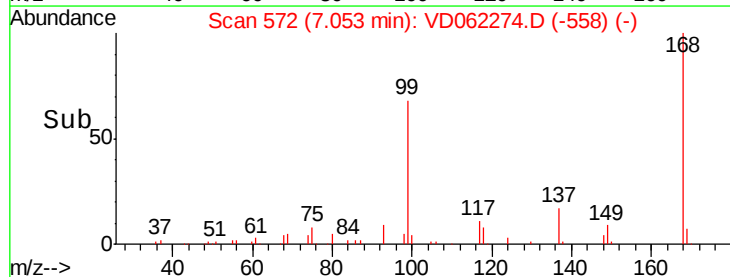
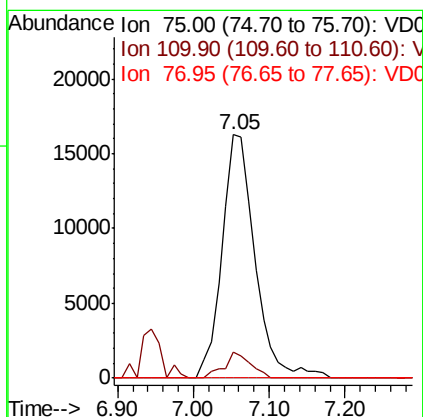
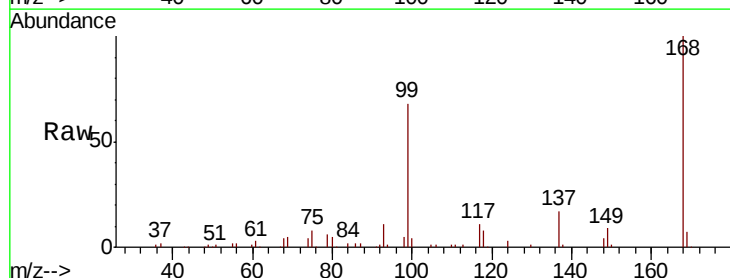
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL02

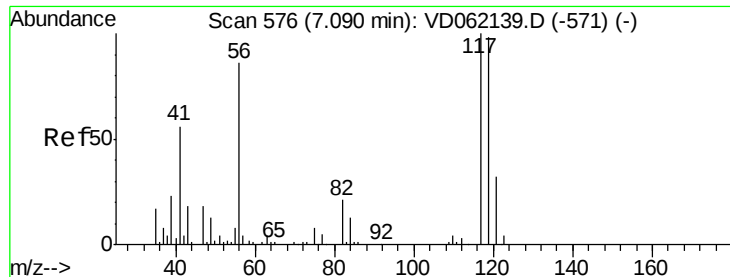
Tot Ion:113 Resp: 386684
 Ion Ratio Lower Upper
 113 100
 111 101.0 78.5 117.7
 192 16.1 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 6.677 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.07 min
 Lab File: VD062274.D
 Acq: 12 May 2019 23:36

Tgt Ion: 75 Resp: 49162
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.1 57.1#
 77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 6.616 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBL02

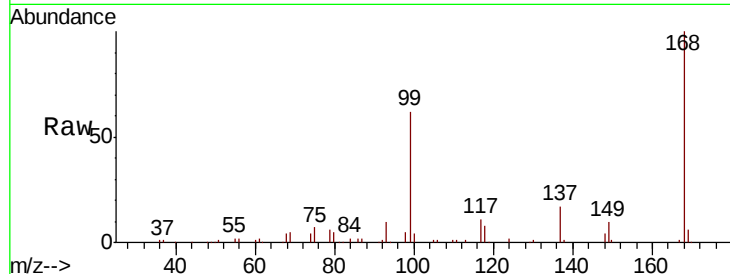
Tot Ion:117 Resp: 67424

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

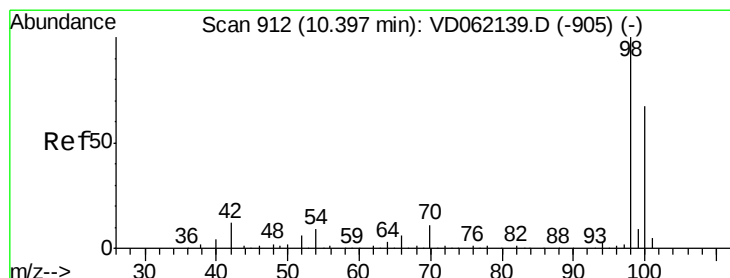
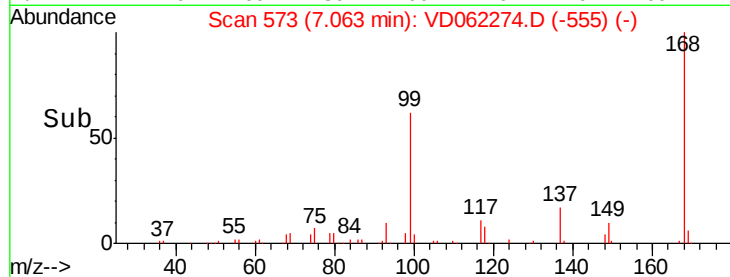
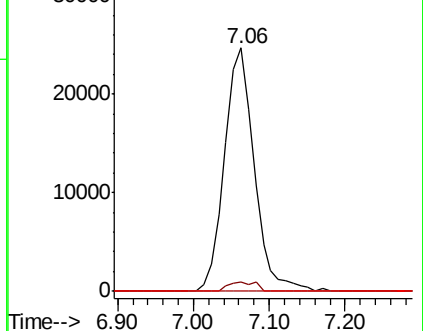
121 0.0 25.9 38.9#



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: 46.066 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062274.D

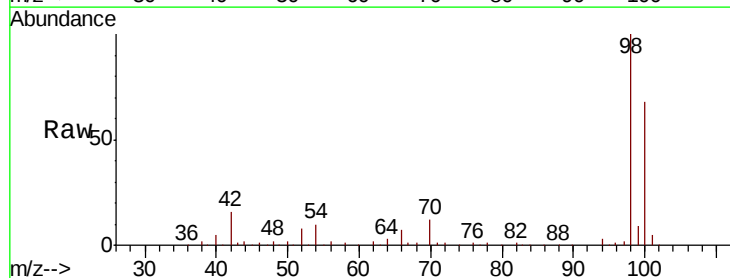
Acq: 12 May 2019 23:36

Tgt Ion: 98 Resp: 827571

Ion Ratio Lower Upper

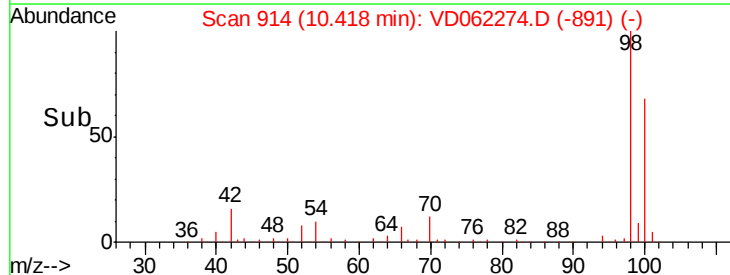
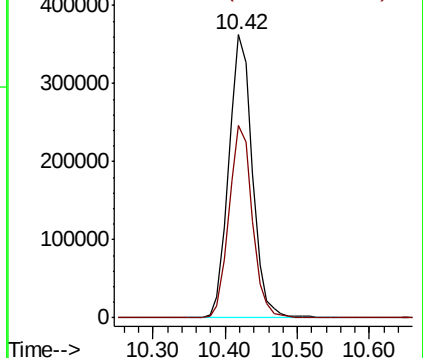
98 100

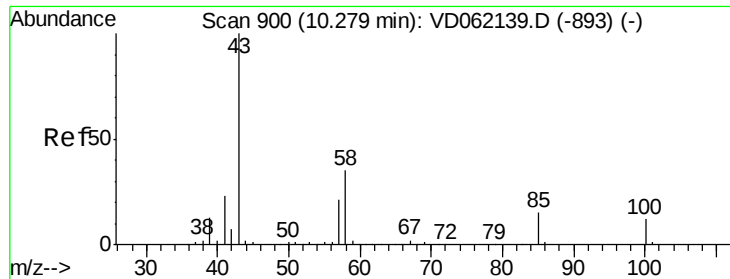
100 68.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.817 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.14 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

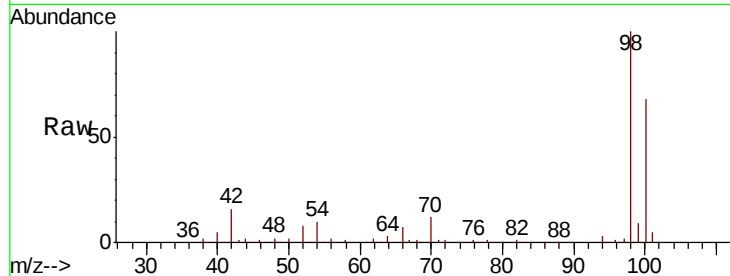
VD0512SBL02

Tot Ion: 43 Resp: 5172

Ion Ratio Lower Upper

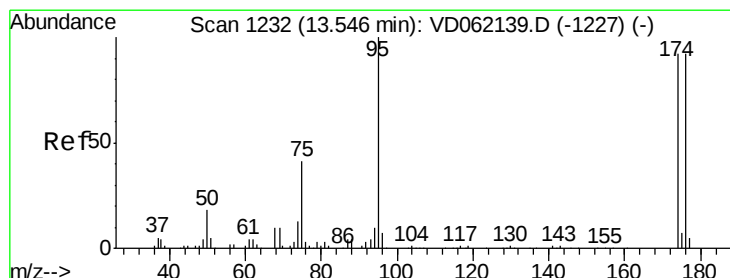
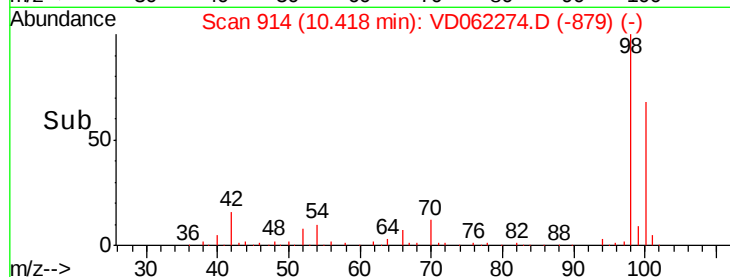
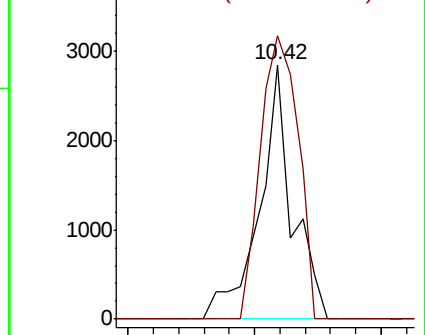
43 100

58 111.3 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: 48.816 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

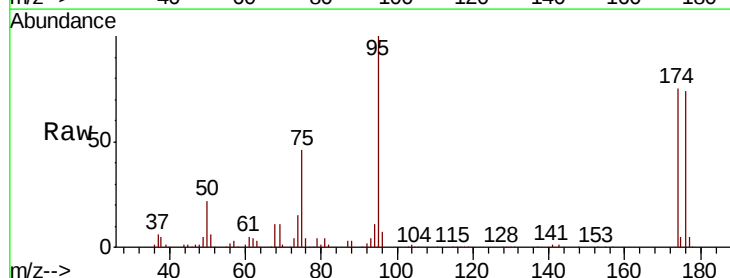
Tgt Ion: 95 Resp: 352159

Ion Ratio Lower Upper

95 100

174 75.3 0.0 181.8

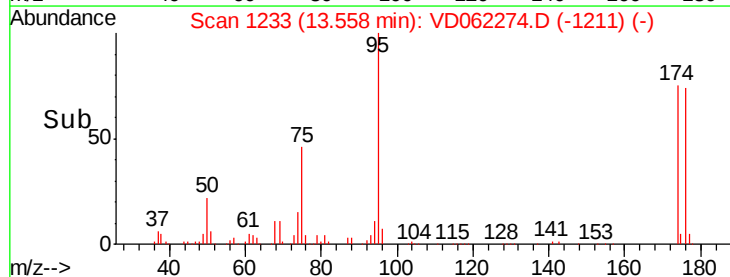
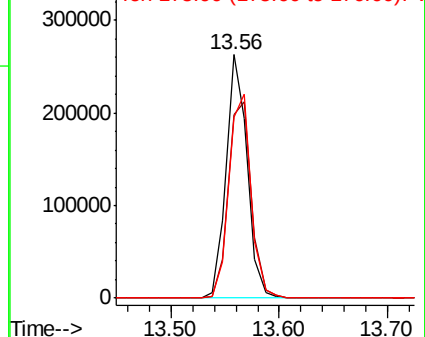
176 74.4 0.0 174.4

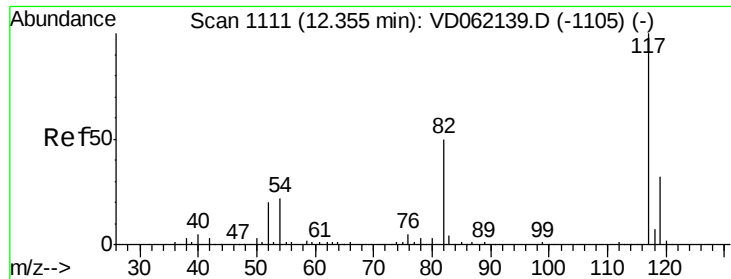


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

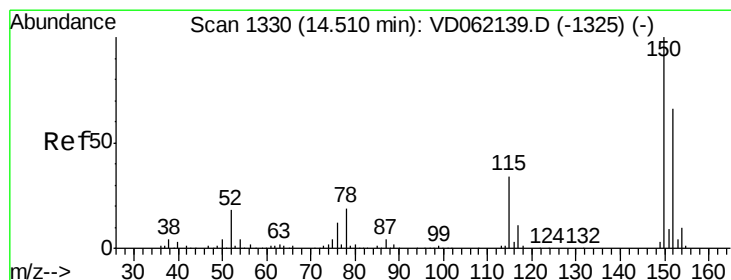
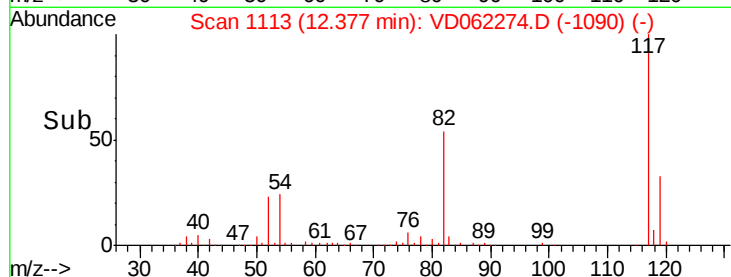
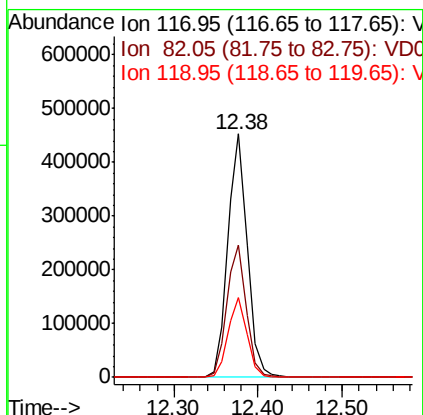
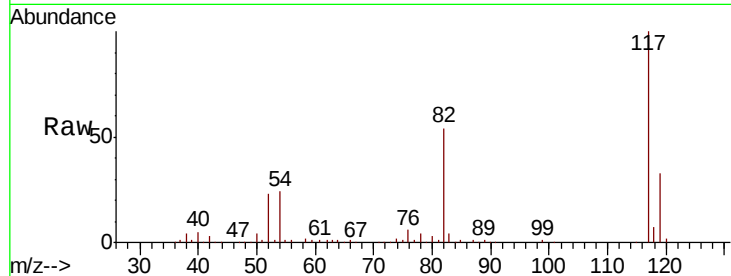




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062274.D
Acq: 12 May 2019 23:36

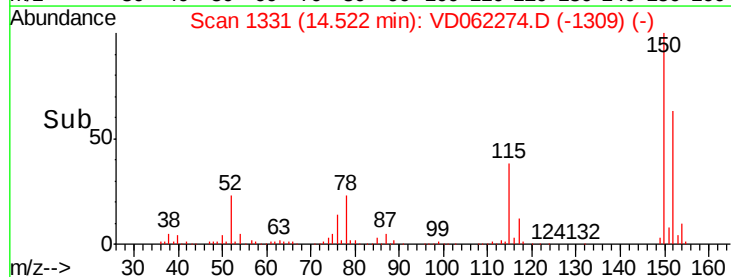
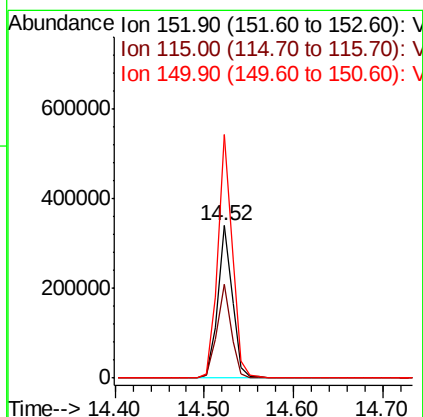
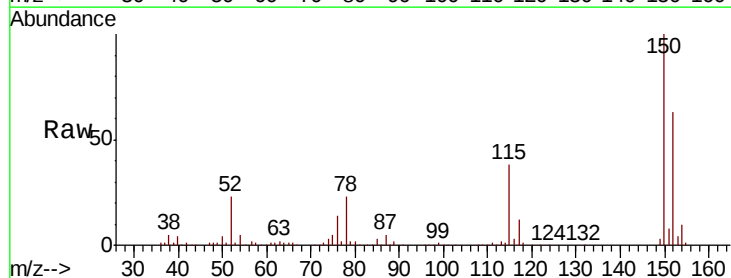
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

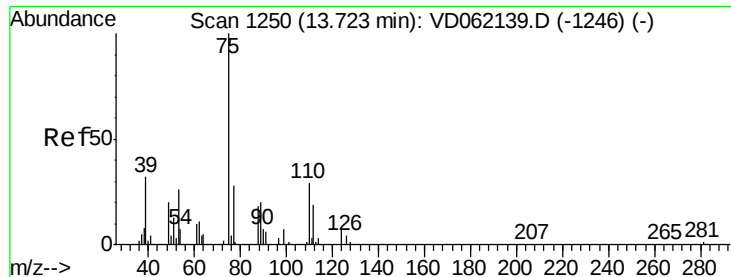
Tot Ion:117 Resp: 725007
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062274.D
Acq: 12 May 2019 23:36

Tgt Ion:152 Resp: 390253
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.7
150 159.7 0.0 314.8





#76

1,2,3-Trichloropropane

Concen: 33.262 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

Instrument :

MSVOA_D

ClientSampleId :

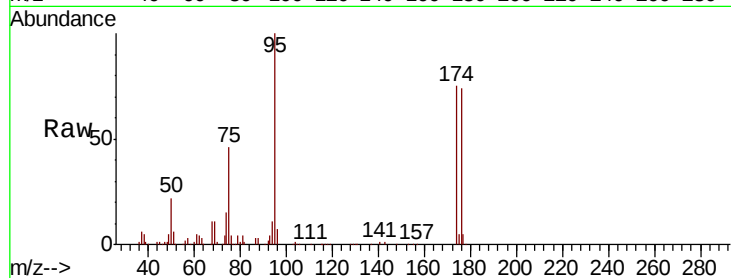
VD0512SBL02

Tot Ion: 75 Resp: 154263

Ion Ratio Lower Upper

75 100

77 0.8 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

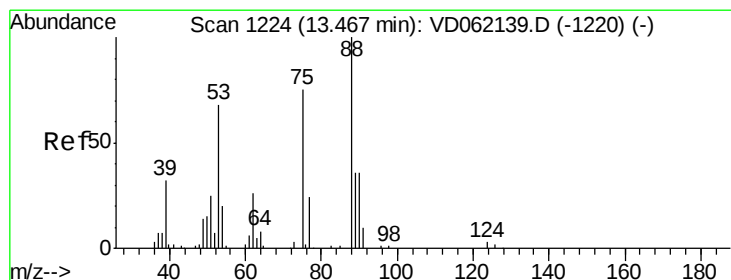
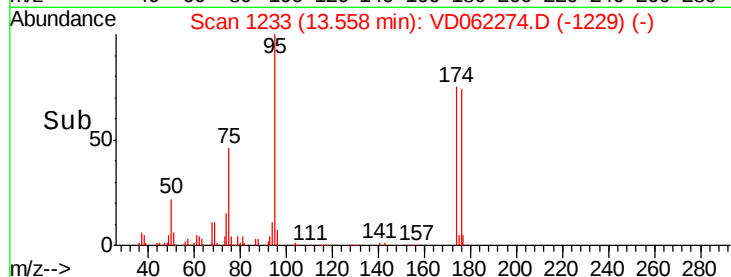
13.56

100000

50000

0

Time--> 13.50 13.55 13.60 13.65



#81

trans-1,4-Dichloro-2-butene

Concen: 119.515 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062274.D

Acq: 12 May 2019 23:36

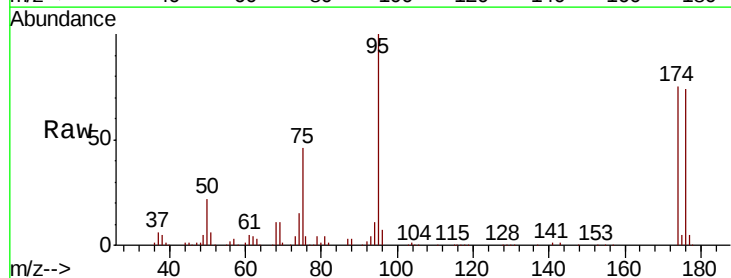
Tgt Ion: 75 Resp: 156480

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

13.56

150000

100000

50000

0

Time--> 13.50 13.55 13.60 13.65

