

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063232.D
 Acq On : 30 Jul 2019 10:46
 Operator : VA/AP
 Sample : VD0730SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 31 04:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1045517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1462993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1216195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	599843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	599827	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	6.91	113	650752	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
50) Toluene-d8	10.41	98	1423826	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	13.55	95	614330	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

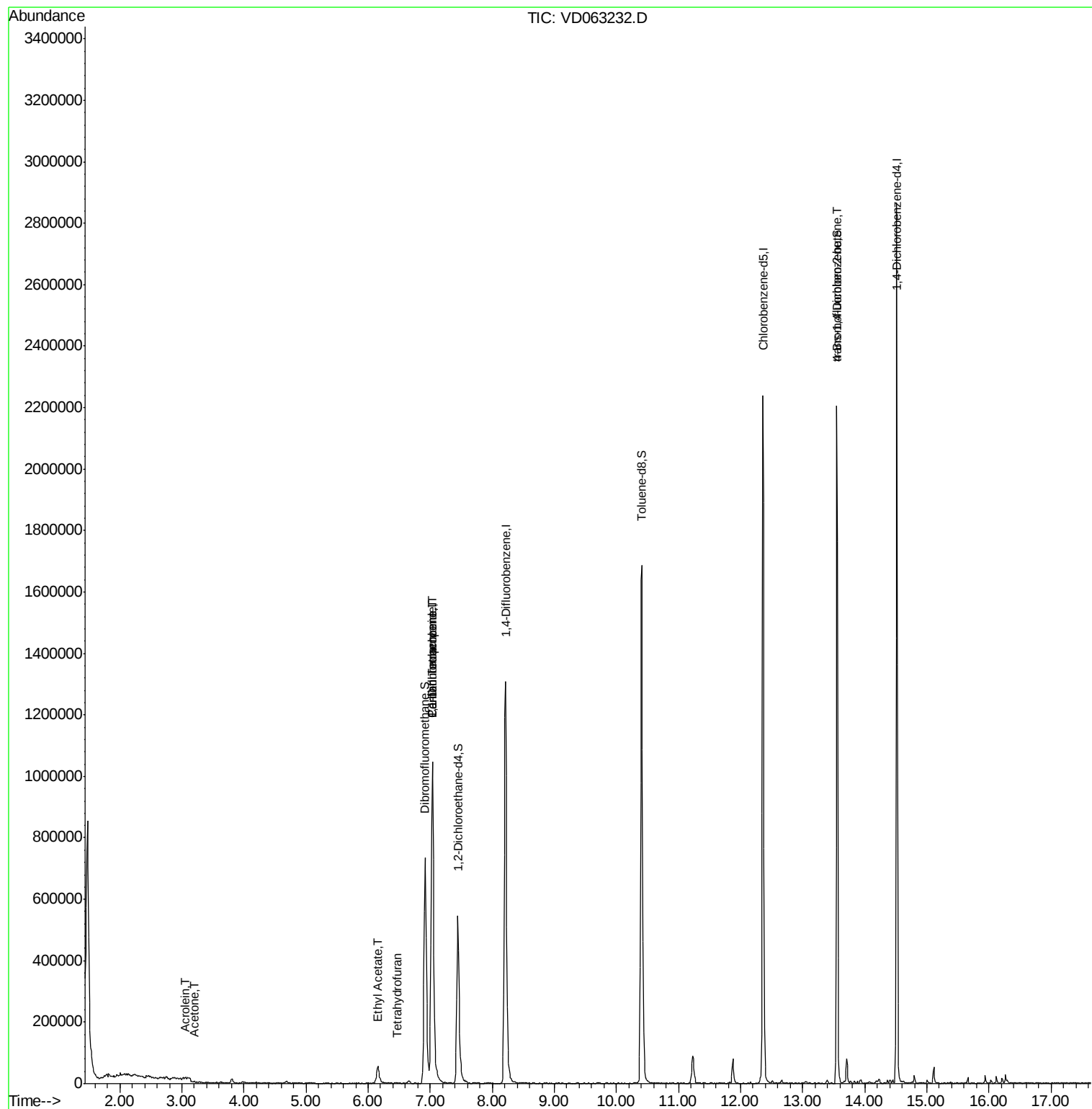
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.04	56	496	1.012	ug/l #	1
16) Acetone	3.21	43	5331	2.359	ug/l #	62
29) Tetrahydrofuran	6.46	42	1633	1.521	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	76771	5.750	ug/l #	54
37) Ethyl Acetate	6.16	43	6432	1.072	ug/l #	37
38) Carbon Tetrachloride	7.04	117	104030	5.176	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.55	75	290173	145.039	ug/l #	3

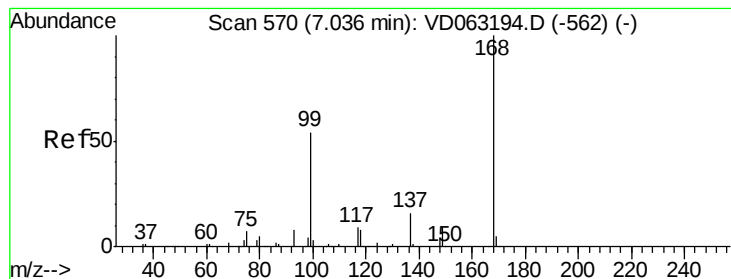
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
Data File : VD063232.D
Acq On : 30 Jul 2019 10:46
Operator : VA/AP
Sample : VD0730SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Quant Time: Jul 31 04:52:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

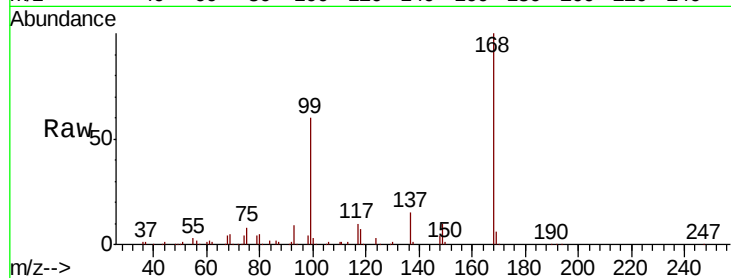
VD0730SBL01

Tot Ion:168 Resp: 1045517

Ion Ratio Lower Upper

168 100

99 60.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

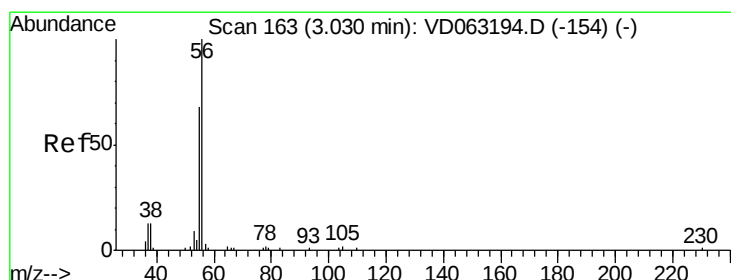
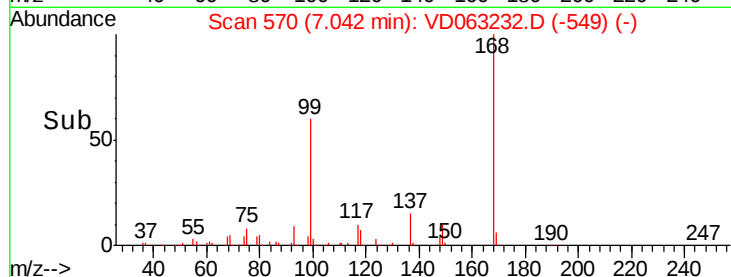
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 1.012 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.02 min

Lab File: VD063232.D

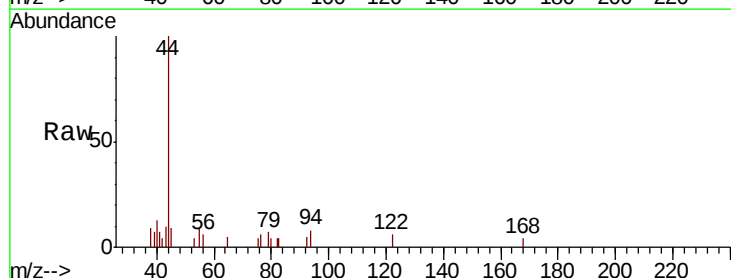
Acq: 30 Jul 2019 10:46

Tgt Ion: 56 Resp: 496

Ion Ratio Lower Upper

56 100

55 170.9 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

800

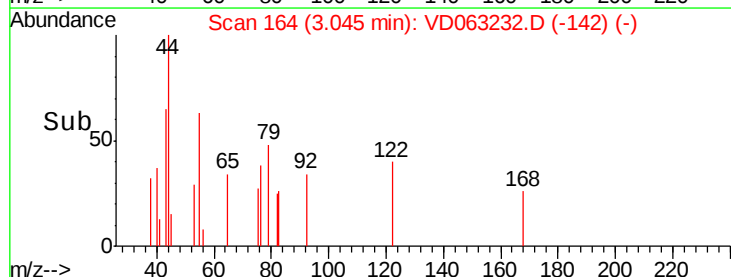
600

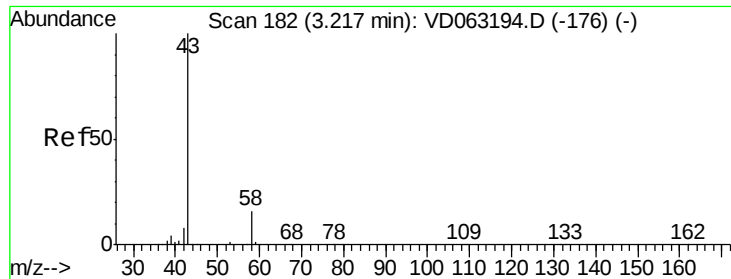
400

200

0

Time-->





#16

Acetone

Concen: 2.359 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

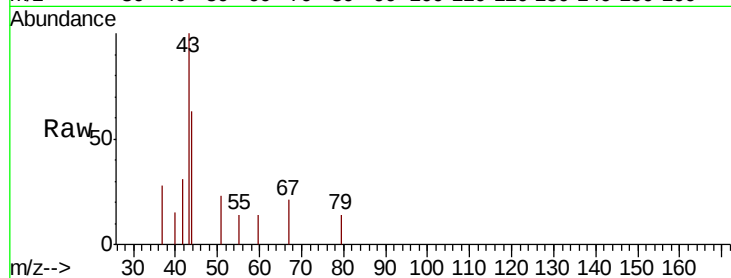
VD0730SBL01

Tot Ion: 43 Resp: 5331

Ion Ratio Lower Upper

43 100

58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2500

2000

1500

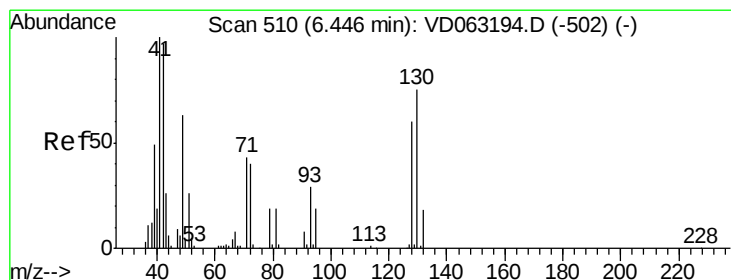
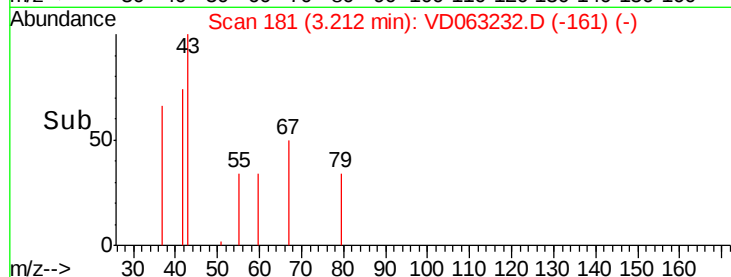
1000

500

0

3.15 3.20 3.25 3.30

Time-->



#29

Tetrahydrofuran

Concen: 1.521 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.02 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

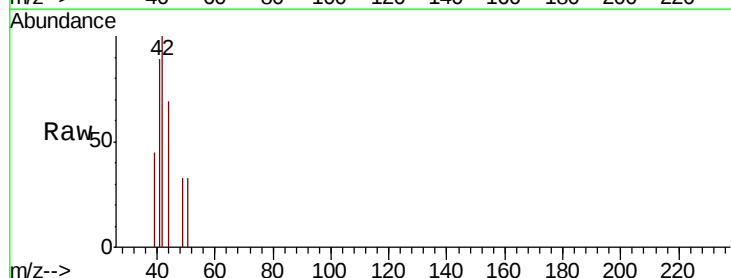
Tgt Ion: 42 Resp: 1633

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

71 0.0 35.7 53.5#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

1500

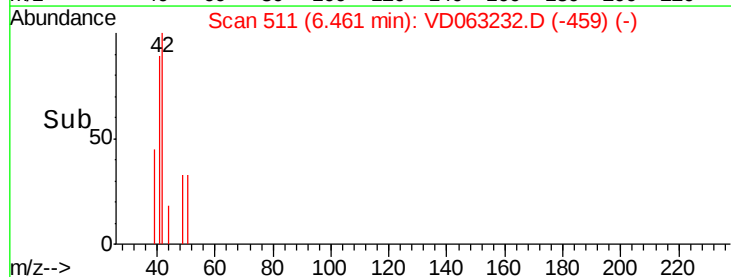
1000

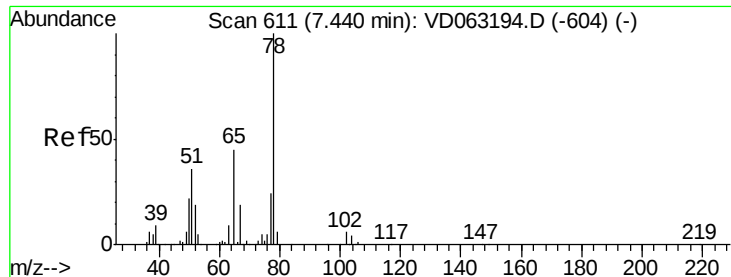
500

0

6.40 6.45 6.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.705 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

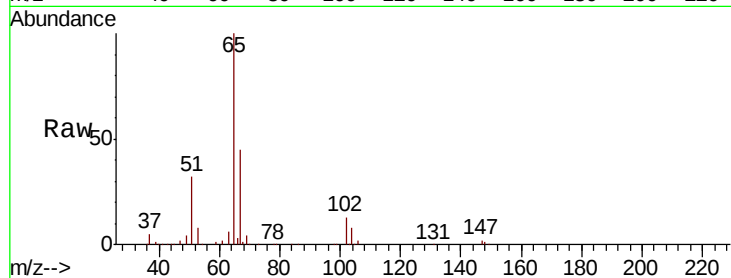
VD0730SBL01

Tot Ion: 65 Resp: 599827

Ion Ratio Lower Upper

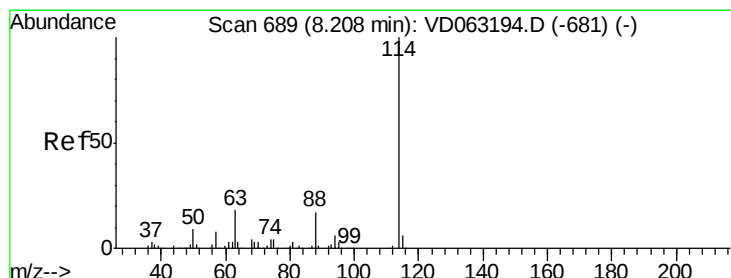
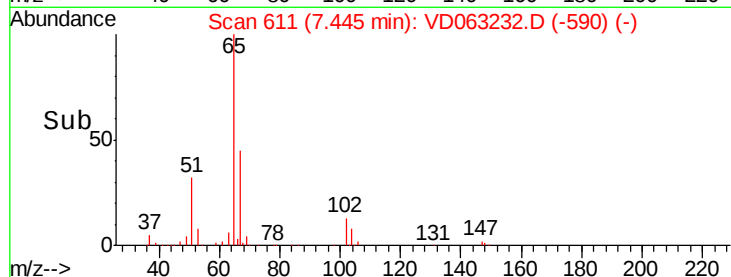
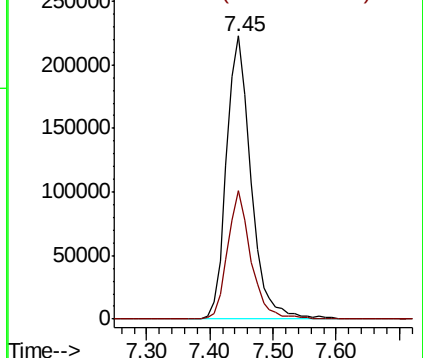
65 100

67 45.3 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

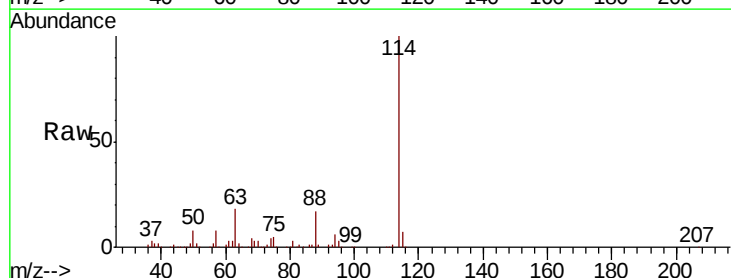
Tgt Ion:114 Resp: 1462993

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

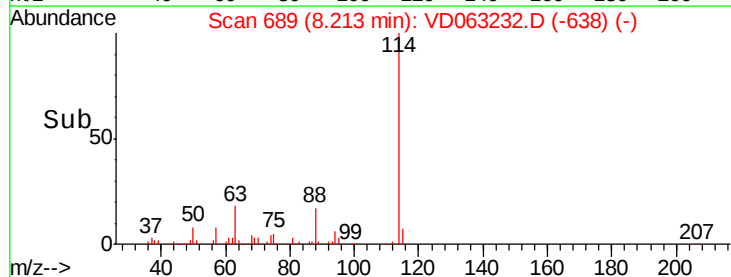
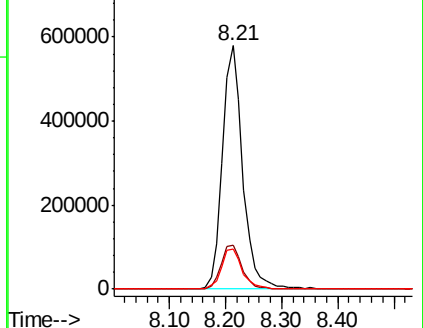
88 16.5 0.0 34.6

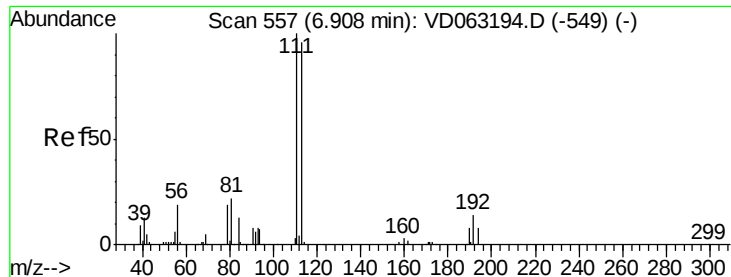


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 52.098 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

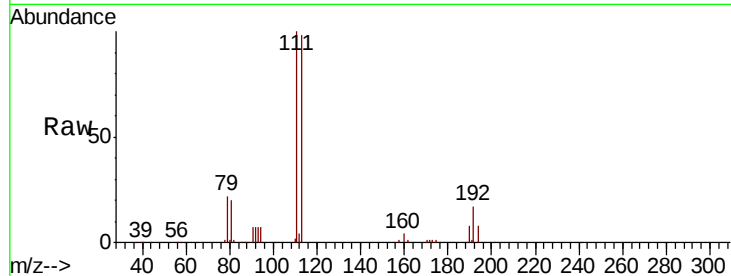
Tot Ion:113 Resp: 650752

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

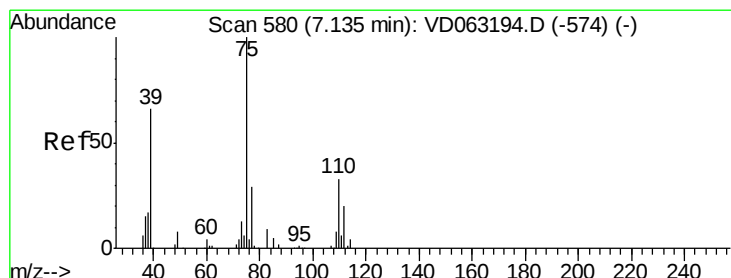
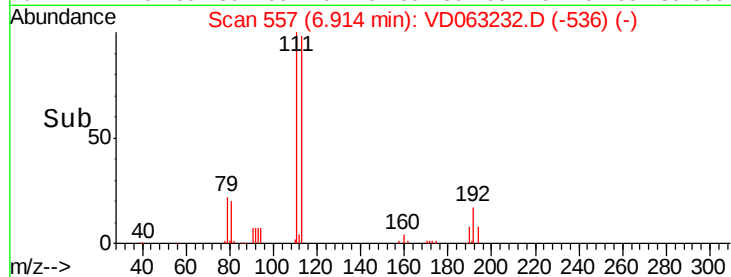
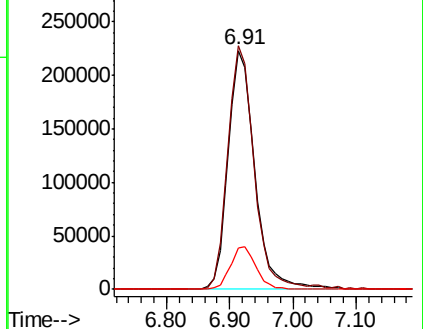
192 17.3 11.8 17.8



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: 5.750 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.09 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

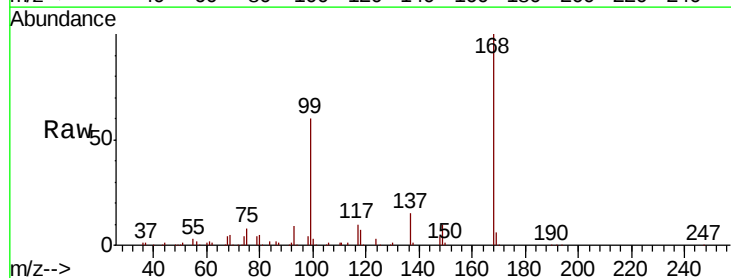
Tgt Ion: 75 Resp: 76771

Ion Ratio Lower Upper

75 100

110 10.0 16.1 48.2#

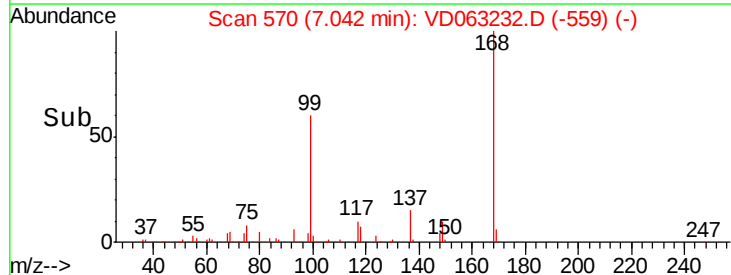
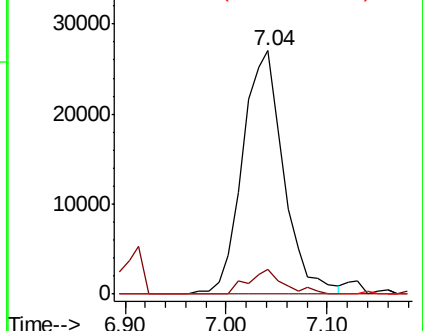
77 0.0 22.7 34.1#

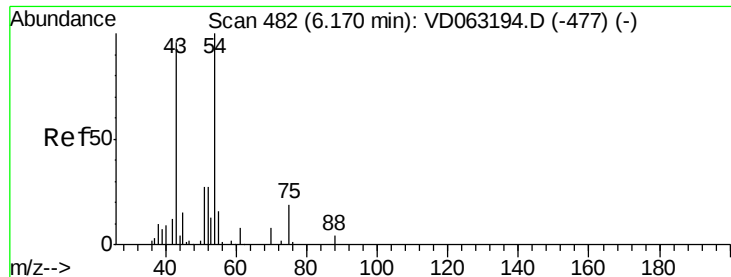


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 1.072 ug/l

RT: 6.16 min Scan# 480

Delta R.T. -0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

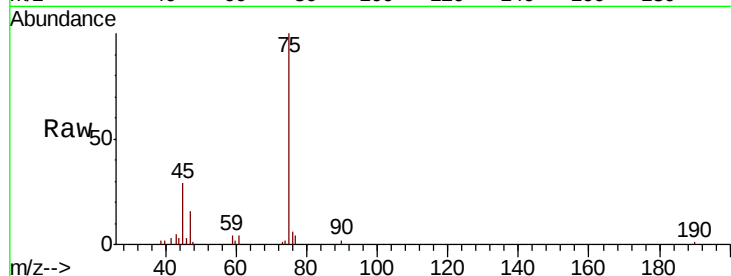
Tot Ion: 43 Resp: 6432

Ion Ratio Lower Upper

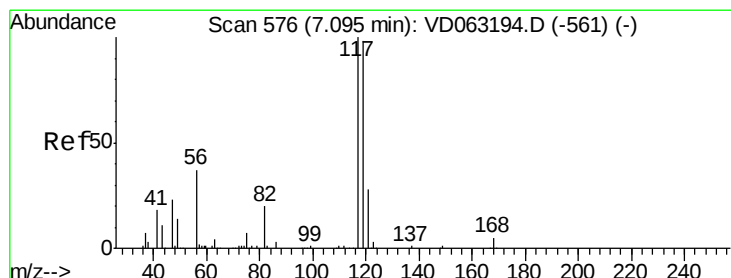
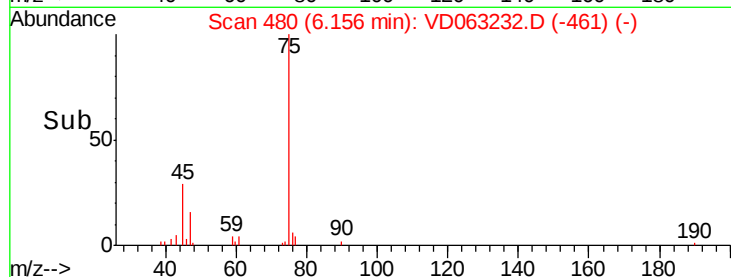
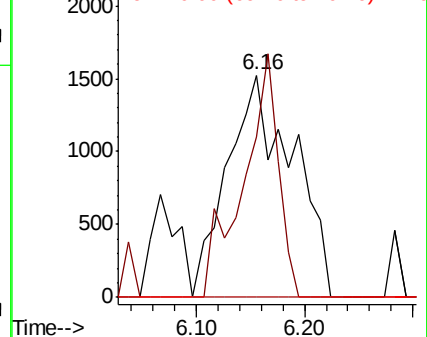
43 100

61 48.0 11.3 16.9#

70 0.0 5.1 7.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 5.176 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

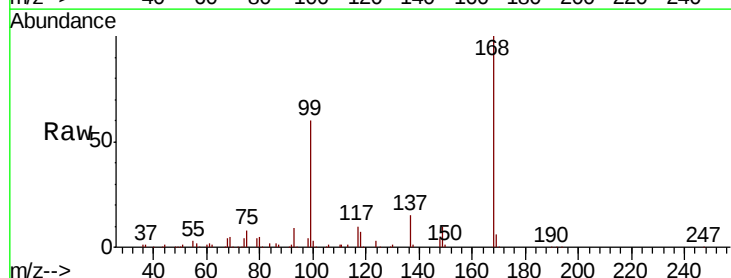
Tgt Ion: 117 Resp: 104030

Ion Ratio Lower Upper

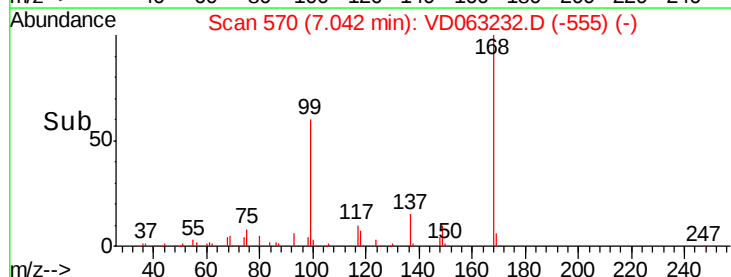
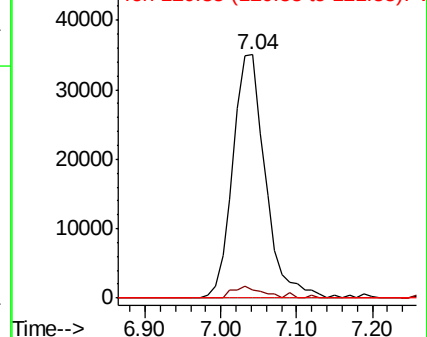
117 100

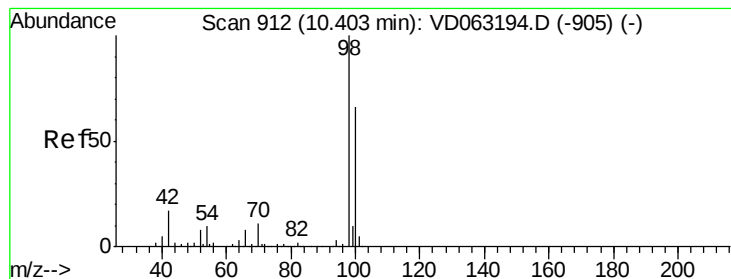
119 3.6 78.2 117.2#

121 0.0 22.1 33.1#



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: 50.934 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

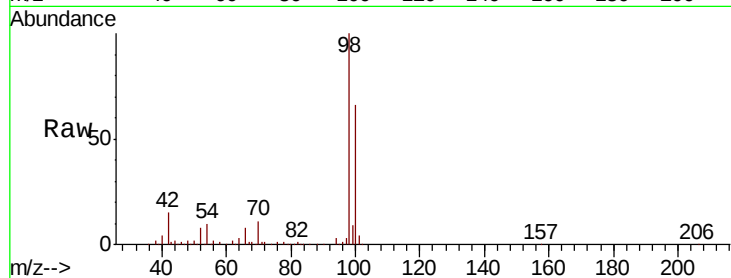
VD0730SBL01

Tot Ion: 98 Resp: 1423826

Ion Ratio Lower Upper

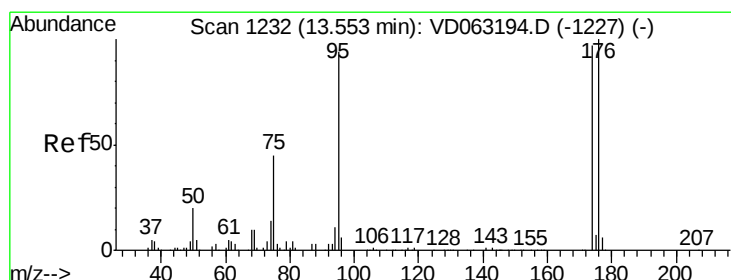
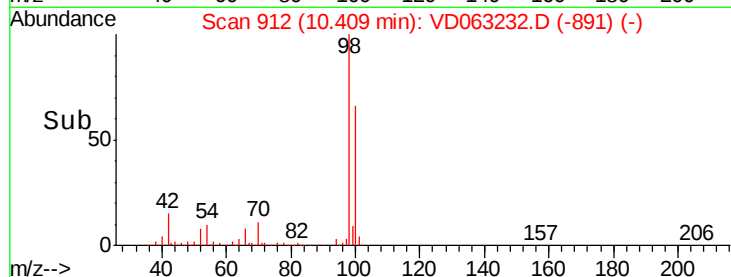
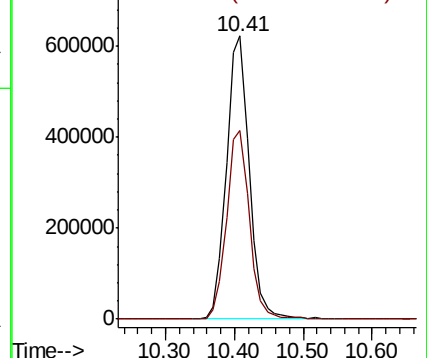
98 100

100 66.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

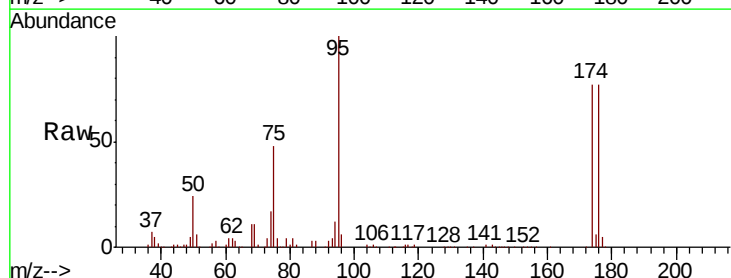
Tgt Ion: 95 Resp: 614330

Ion Ratio Lower Upper

95 100

174 77.5 0.0 205.4

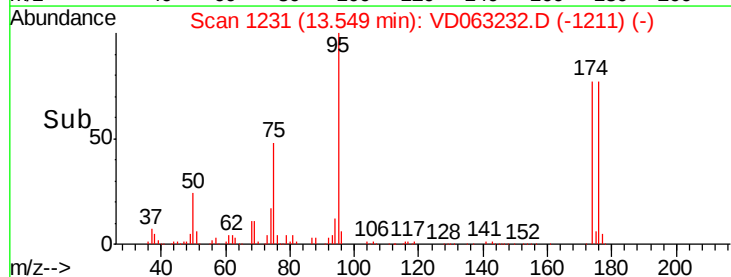
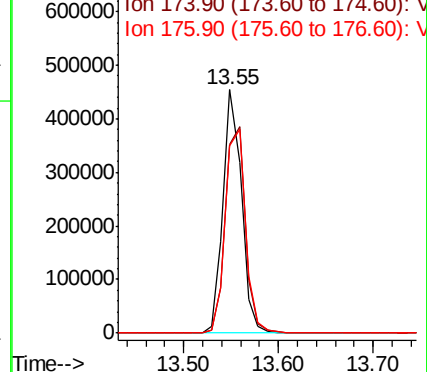
176 77.2 0.0 211.8

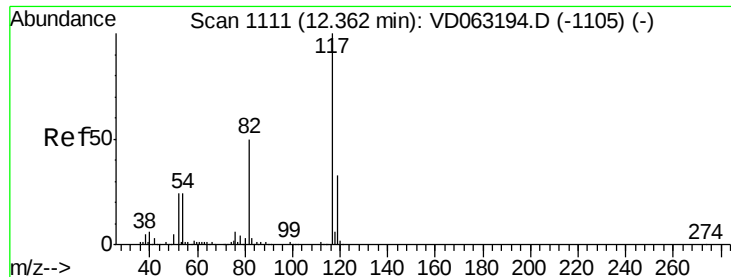


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

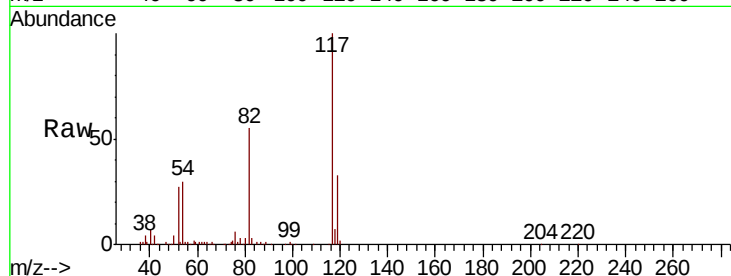




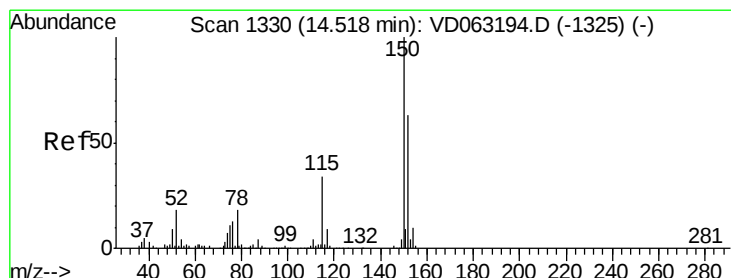
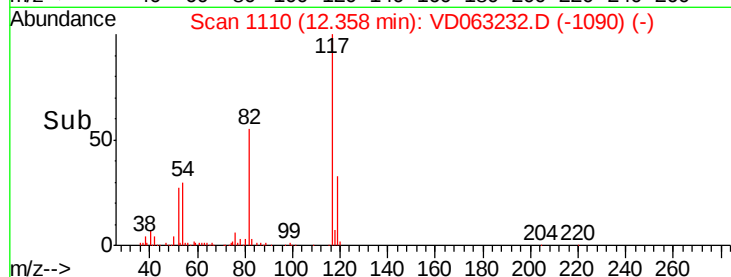
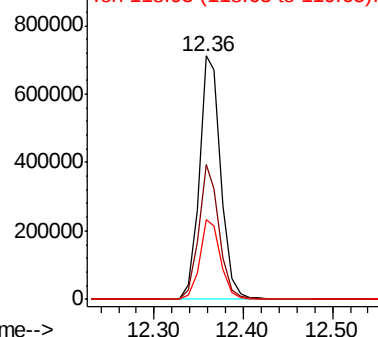
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion:117 Resp: 1216195
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.8 26.5 39.7

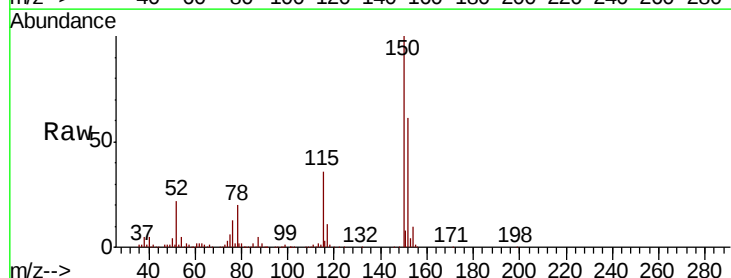


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

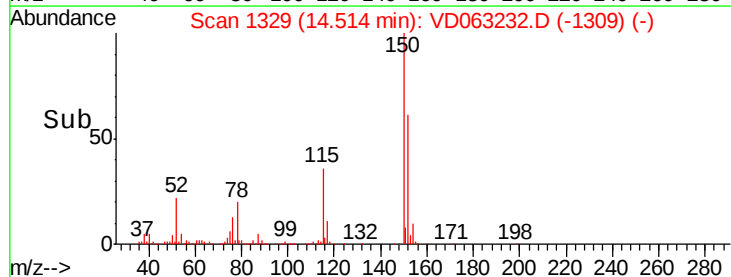
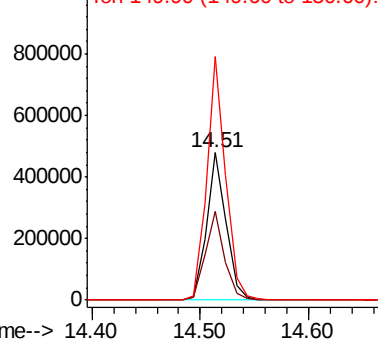


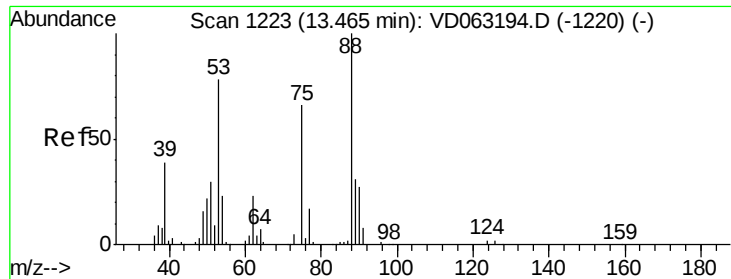
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

Tgt Ion:152 Resp: 599843
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.4
150 165.1 0.0 320.6



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: 145.039 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

Tot Ion: 75 Resp: 290173

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#

