

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051419\
 Data File : VD062383.D
 Acq On : 15 May 2019 9:42
 Operator : FY/SY
 Sample : K2735-10RE
 Misc : 5.78g/5mL/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0612-01RE

Quant Time: May 15 11:27:51 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

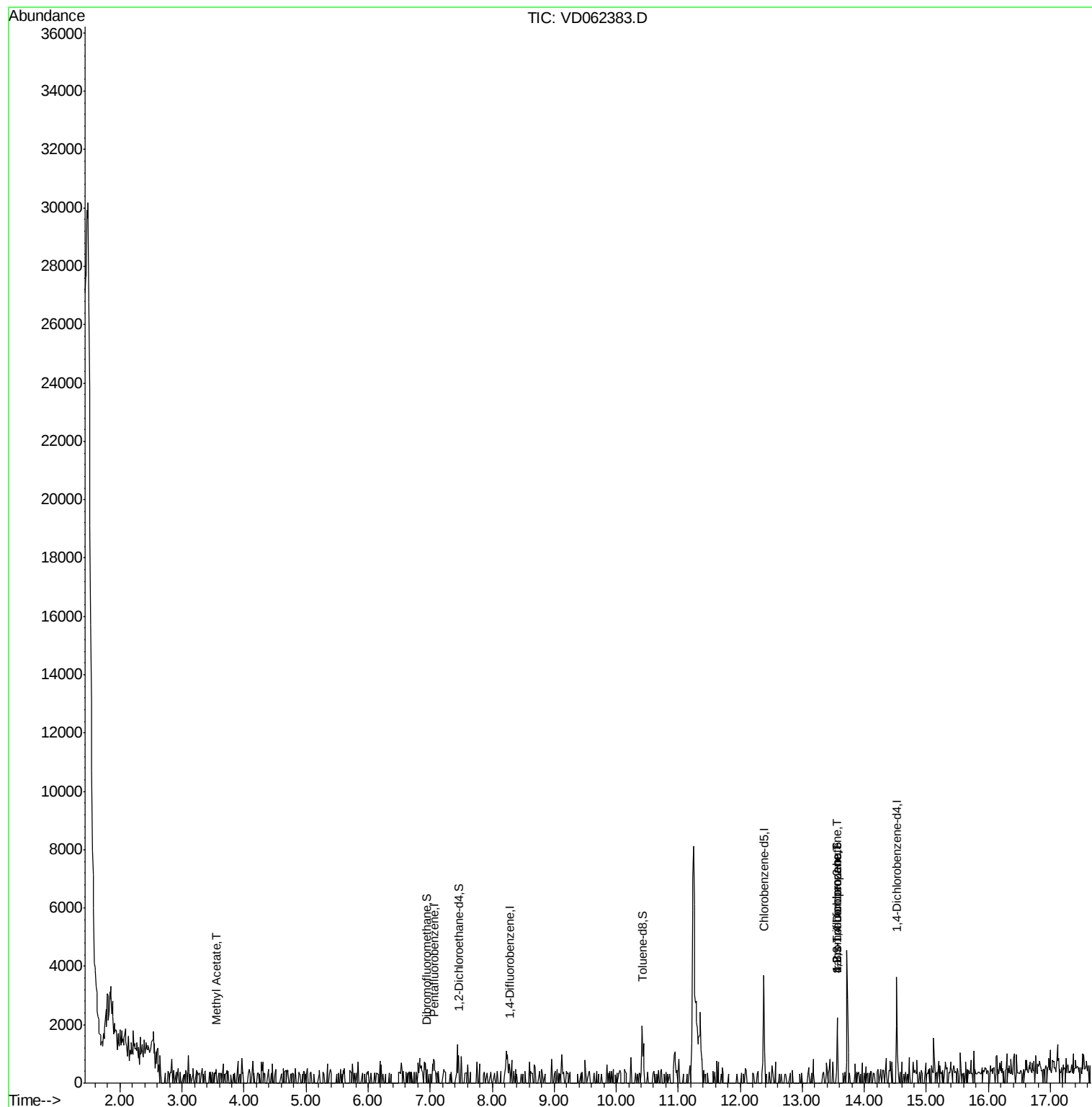
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	1192	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.28	114	194	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	2056	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	1132	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	741	66.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	133.78%	
35) Dibromofluoromethane	6.95	113	285	177.06	ug/l	0.05
Spiked Amount 50.000			Recovery	=	354.12%	
50) Toluene-d8	10.42	98	1608	414.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	828.66%	
62) 4-Bromofluorobenzene	13.56	95	1009	647.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	1294.88%	
Target Compounds						
18) Methyl Acetate	3.54	43	182	43.767	ug/l #	53
76) 1,2,3-Trichloropropane	13.56	75	251	18.658	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	252	66.354	ug/l #	16

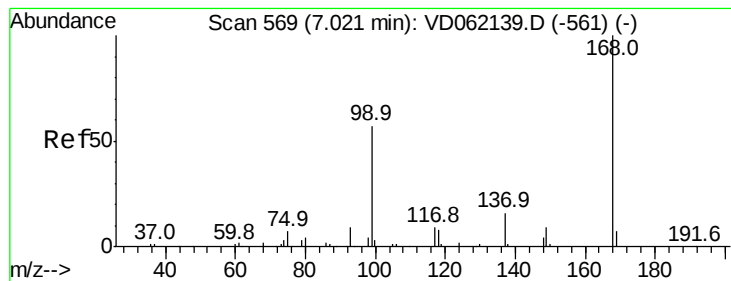
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

MSVOA_D

ClientSampleId :

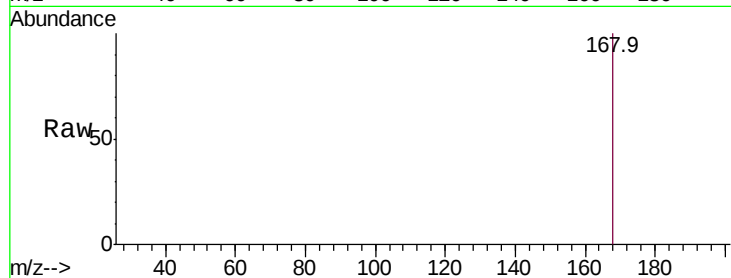
P026-SS016-0612-01RE

Tot Ion:168 Resp: 1192

Ion Ratio Lower Upper

168 100

99 0.0 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

400

300

200

100

0

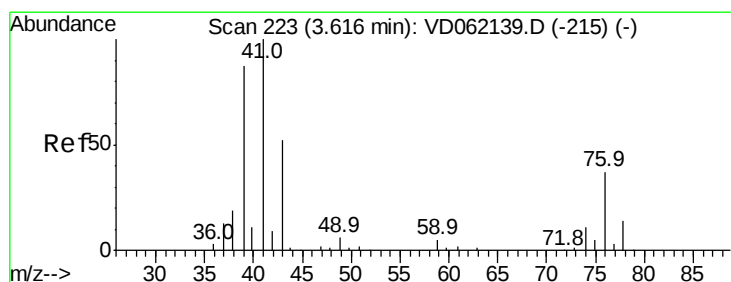
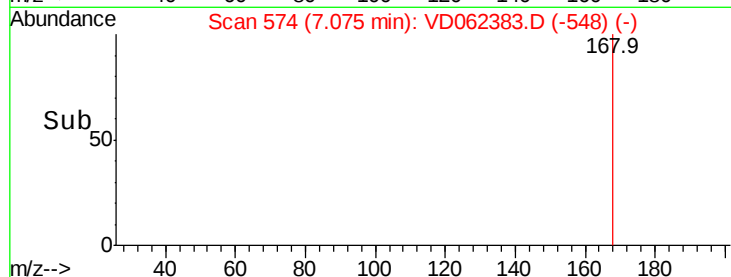
7.00

7.05

7.10

7.15

Time-->



#18

Methyl Acetate

Concen: 43.767 ug/l

RT: 3.54 min Scan# 215

Delta R.T. -0.07 min

Lab File: VD062383.D

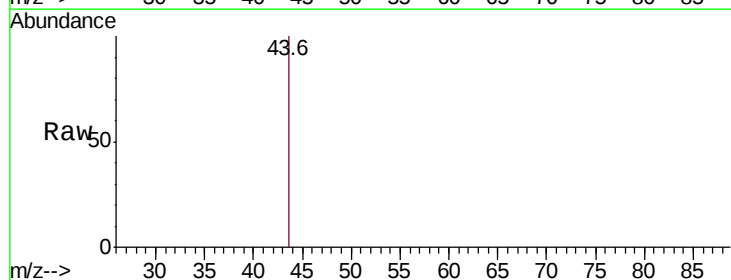
Acq: 15 May 2019 9:42

Tgt Ion: 43 Resp: 182

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.54

300

200

100

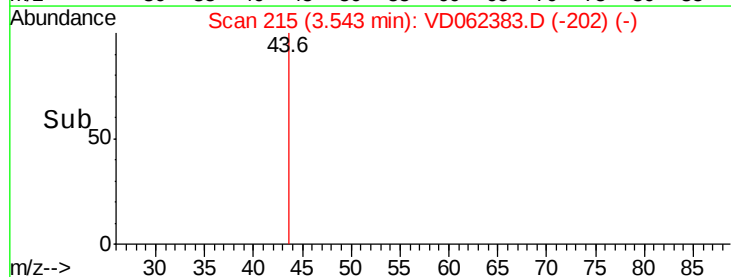
0

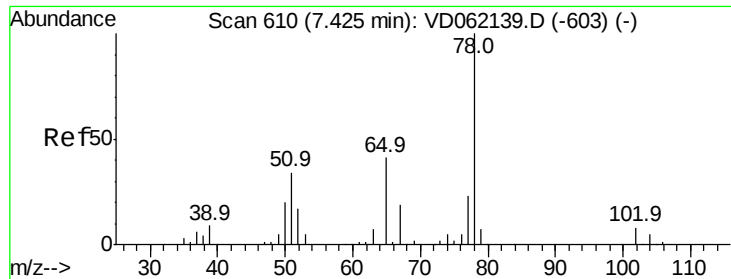
3.52

3.54

3.56

Time-->





#33

1,2-Dichloroethane-d4

Concen: 66.893 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

MSVOA_D

ClientSampleId :

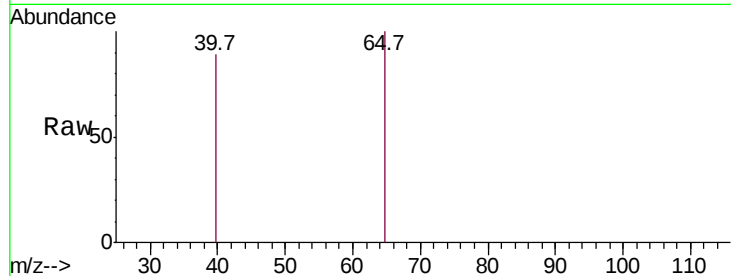
P026-SS016-0612-01RE

Tot Ion: 65 Resp: 741

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

500

400

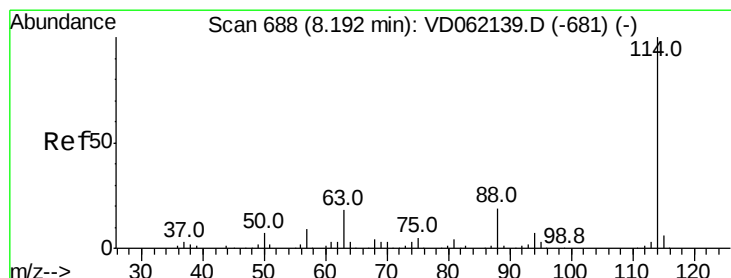
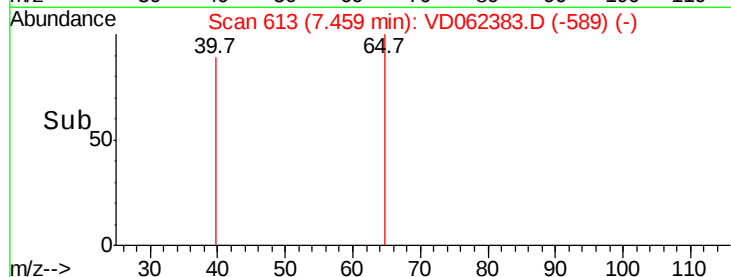
300

200

100

0

Time--> 7.40 7.45 7.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.28 min Scan# 696

Delta R.T. 0.08 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

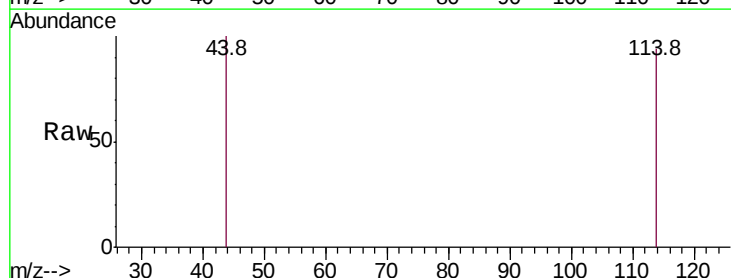
Tgt Ion: 114 Resp: 194

Ion Ratio Lower Upper

114 100

63 0.0 0.0 32.4

88 0.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

800

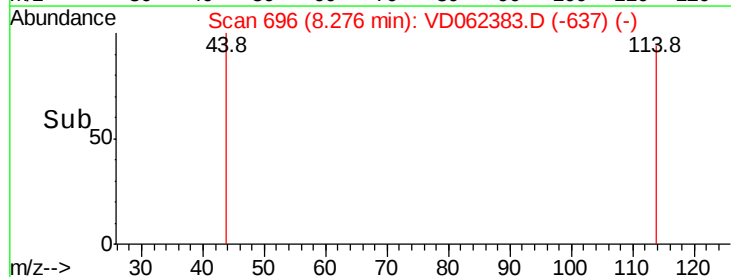
600

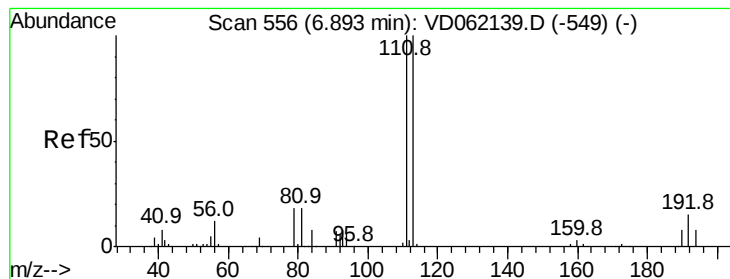
400

200

0

Time--> 8.26 8.28 8.30





#35

Dibromofluoromethane

Concen: 177.058 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0612-01RE

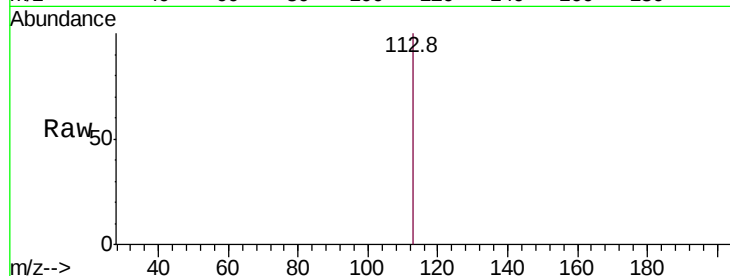
Tot Ion:113 Resp: 285

Ion Ratio Lower Upper

113 100

111 0.0 78.5 117.7#

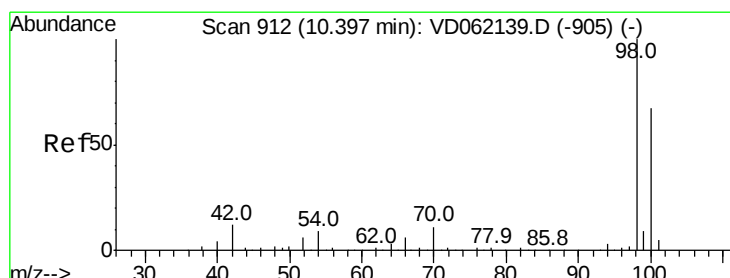
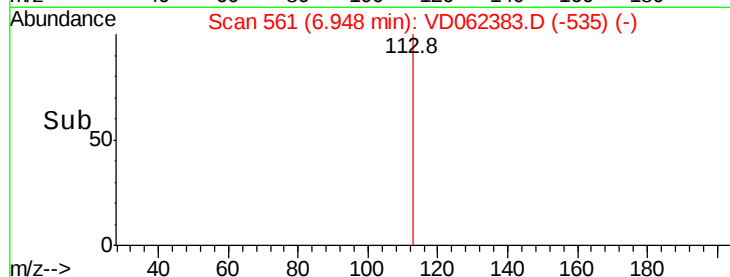
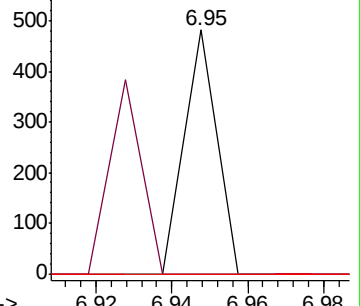
192 0.0 13.0 19.4#



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



#50

Toluene-d8

Concen: 414.331 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062383.D

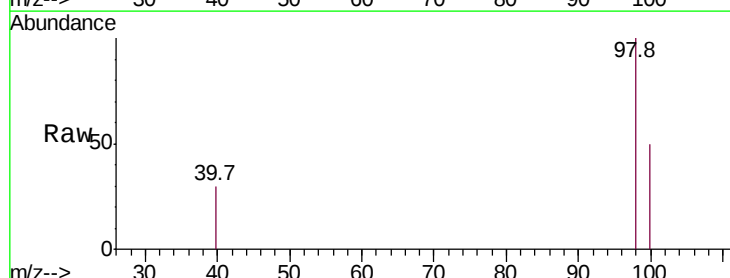
Acq: 15 May 2019 9:42

Tgt Ion: 98 Resp: 1608

Ion Ratio Lower Upper

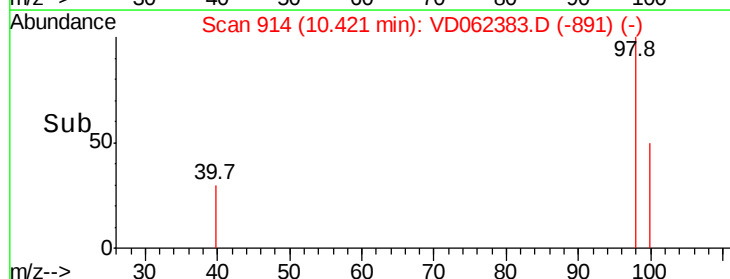
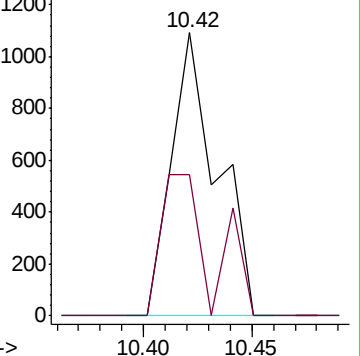
98 100

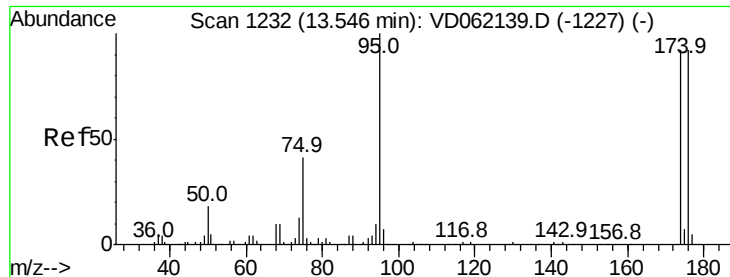
100 49.8 53.8 80.8#



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 647.437 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0612-01RE

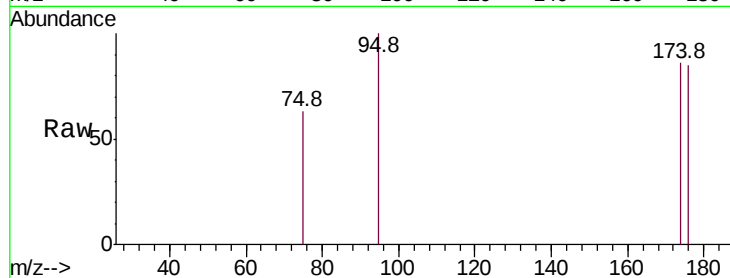
Tot Ion: 95 Resp: 1009

Ion Ratio Lower Upper

95 100

174 85.7 0.0 181.8

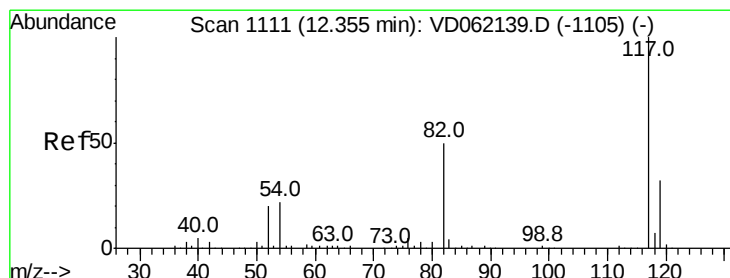
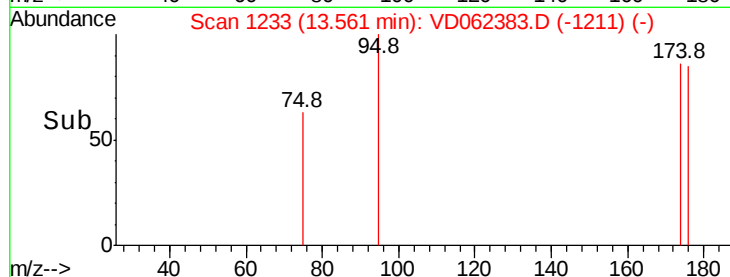
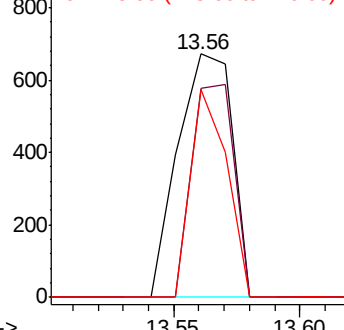
176 85.3 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

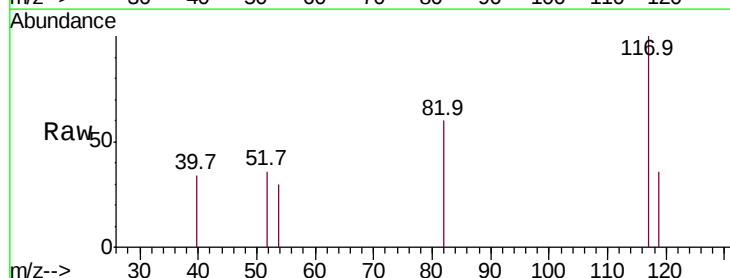
Tgt Ion: 117 Resp: 2056

Ion Ratio Lower Upper

117 100

82 60.0 36.2 54.2#

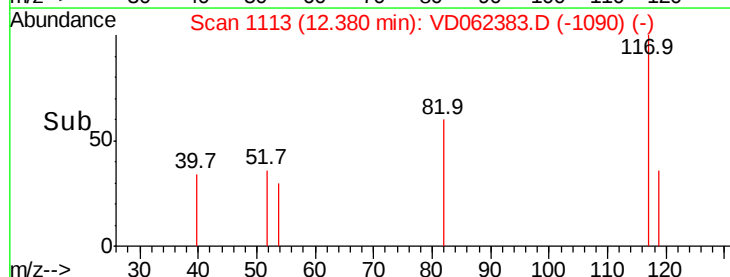
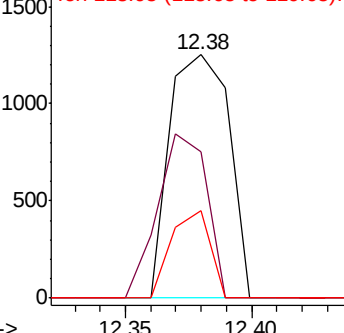
119 36.0 26.2 39.4

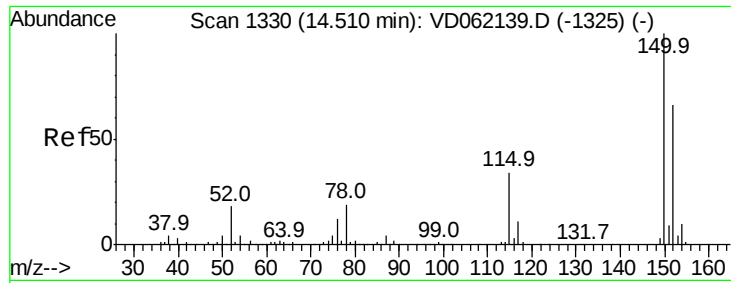


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. 0.01 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0612-01RE

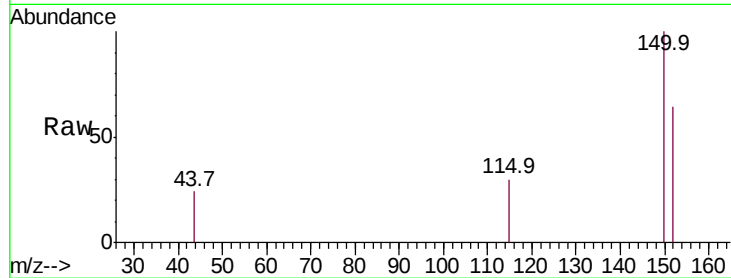
Tot Ion:152 Resp: 1132

Ion Ratio Lower Upper

152 100

115 46.0 30.9 92.7

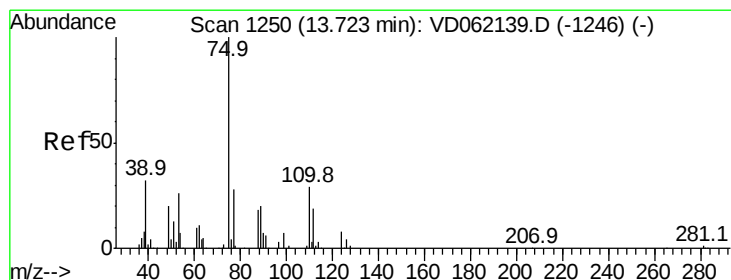
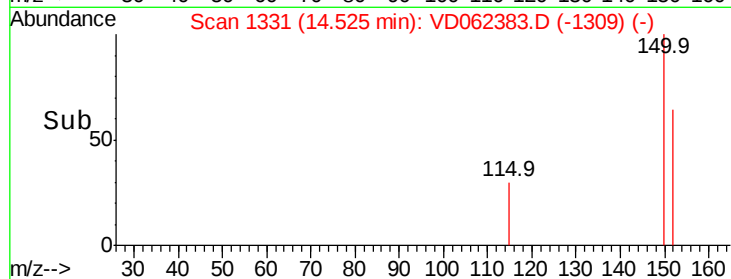
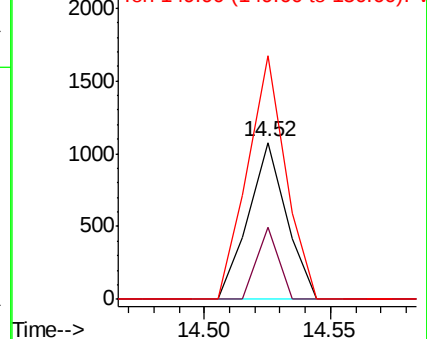
150 155.1 0.0 314.8



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: 18.658 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD062383.D

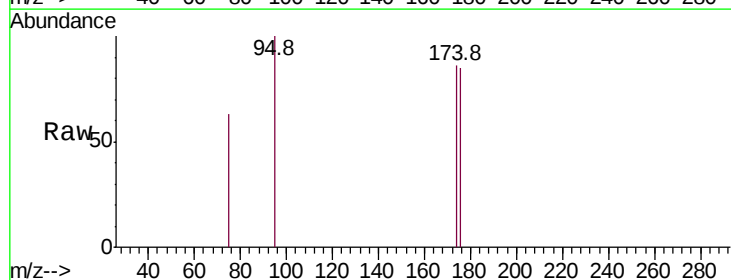
Acq: 15 May 2019 9:42

Tgt Ion: 75 Resp: 251

Ion Ratio Lower Upper

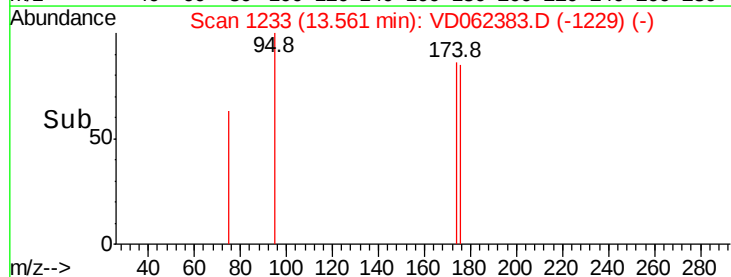
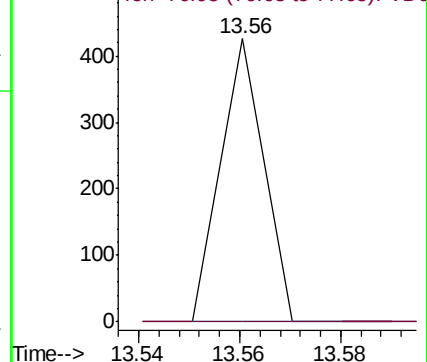
75 100

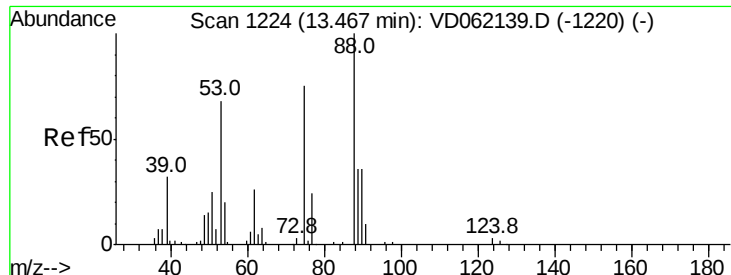
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 66.354 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062383.D

Acq: 15 May 2019 9:42

Instrument :

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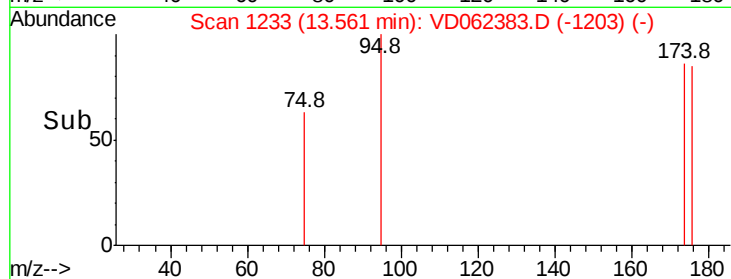
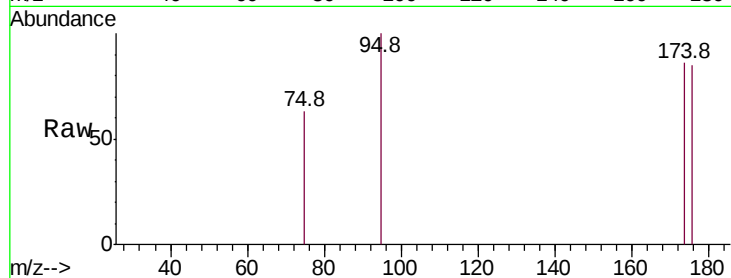
Tot Ion: 75 Resp: 252

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

