

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062391.D
 Acq On : 15 May 2019 16:38
 Operator : FY/SY
 Sample : K2807-02
 Misc : 5.39g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 16 03:58:09 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

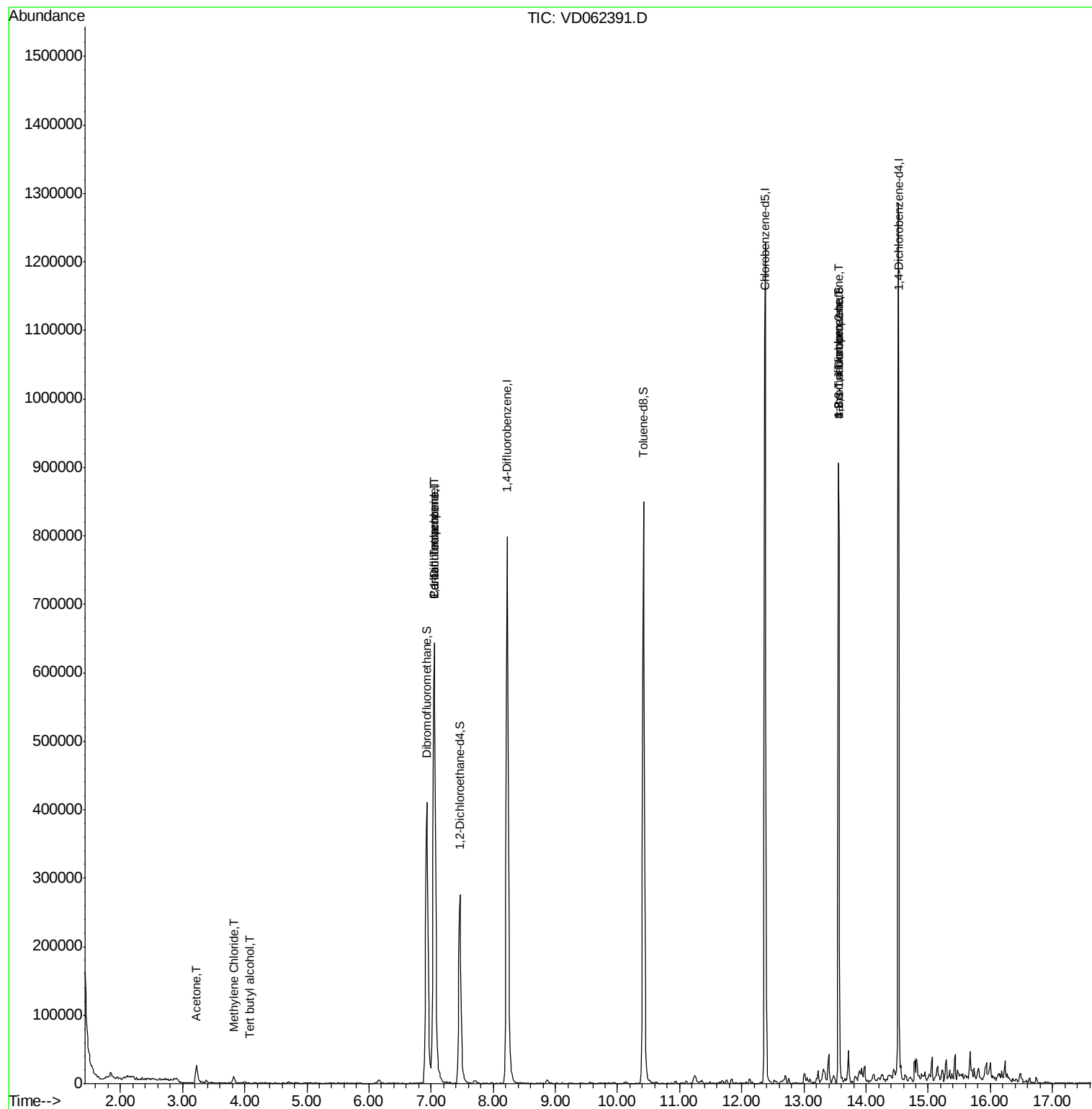
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	632236	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	869855	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	679978	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	259292	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	303063	51.58	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	6.93	113	357494	49.53	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.42	98	682903	39.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.56	95	271355	38.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.07	59	751	2.504	ug/l #	76
16) Acetone	3.22	43	46543	37.774	ug/l	93
20) Methylene Chloride	3.82	84	6998	1.360	ug/l #	93
36) 1,1-Dichloropropene	7.05	75	50432	7.071	ug/l #	47
38) Carbon Tetrachloride	7.05	117	64910	6.576	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	100319	32.555	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	119661	137.554	ug/l #	16

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

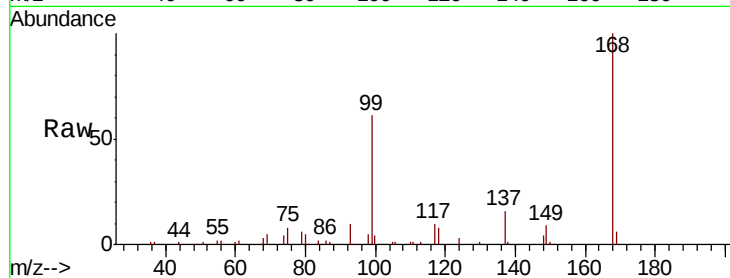
ClientSampleId :

Tot Ion:168 Resp: 632236

Ion Ratio Lower Upper

168 100

99 61.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

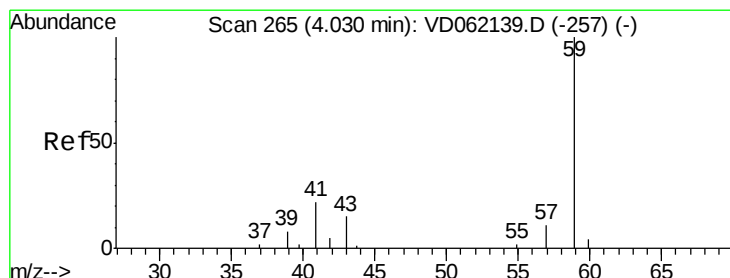
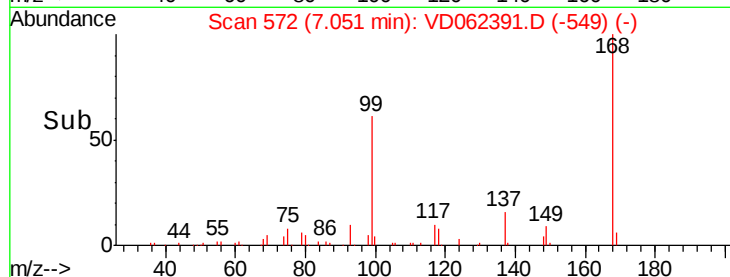
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 2.504 ug/l

RT: 4.07 min Scan# 269

Delta R.T. 0.04 min

Lab File: VD062391.D

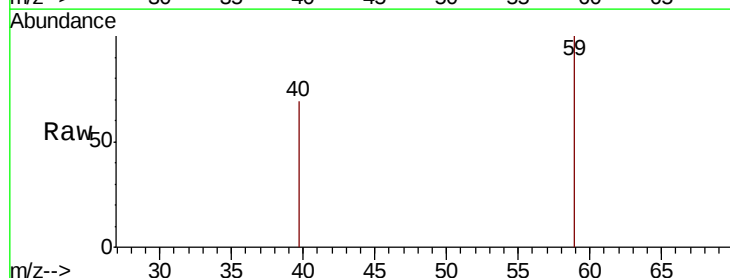
Acq: 15 May 2019 16:38

Tgt Ion: 59 Resp: 751

Ion Ratio Lower Upper

59 100

57 0.0 6.9 10.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.07

600

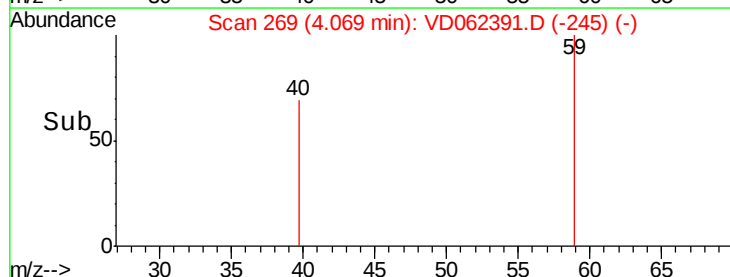
400

200

0

Time-->

4.04 4.06 4.08 4.10 4.12





#16

Acetone

Concen: 37.774 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

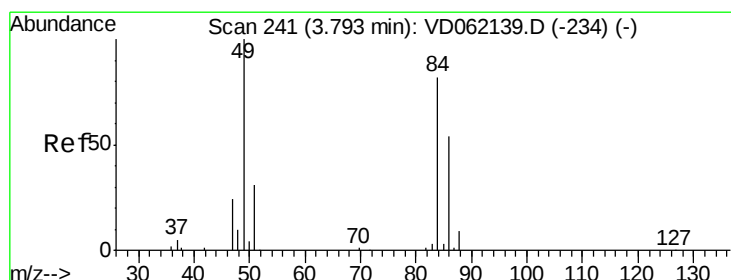
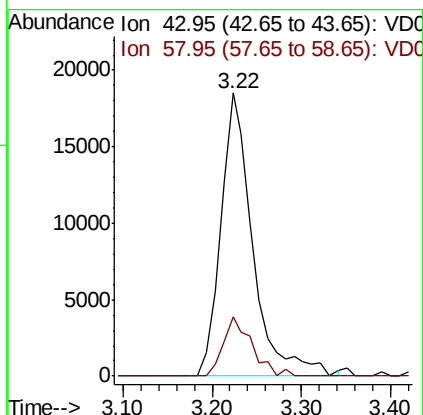
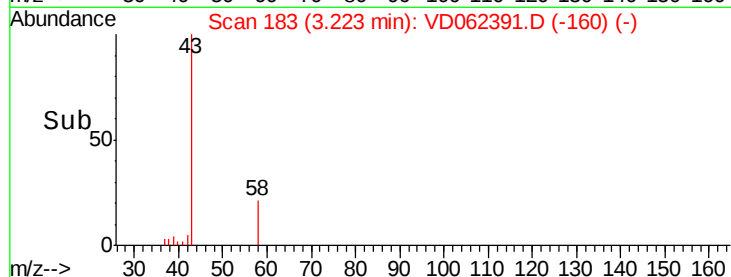
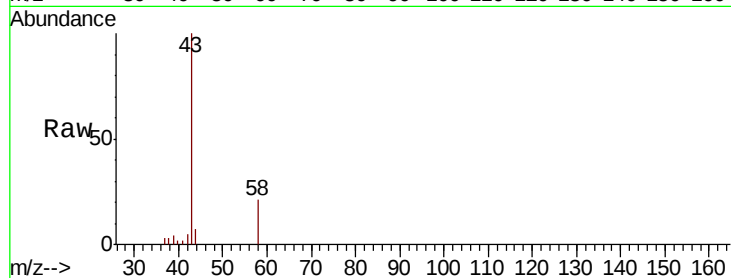
ClientSampleId :

Tot Ion: 43 Resp: 46543

Ion Ratio Lower Upper

43 100

58 21.2 19.9 29.9



#20

Methylene Chloride

Concen: 1.360 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Tgt Ion: 84 Resp: 6998

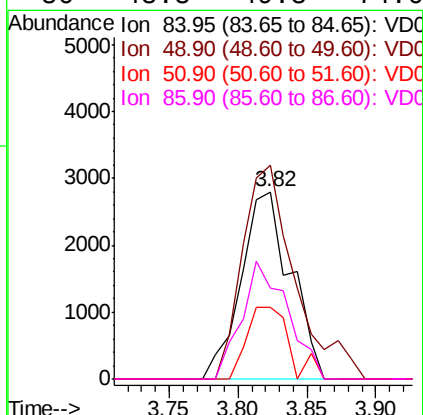
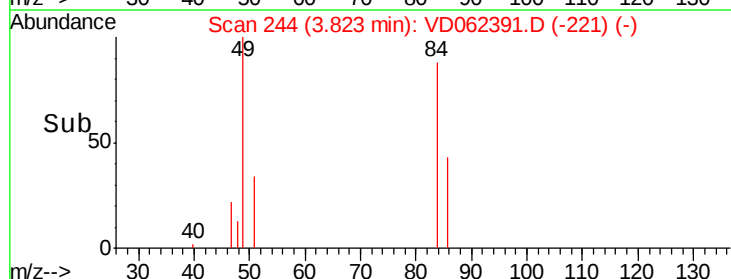
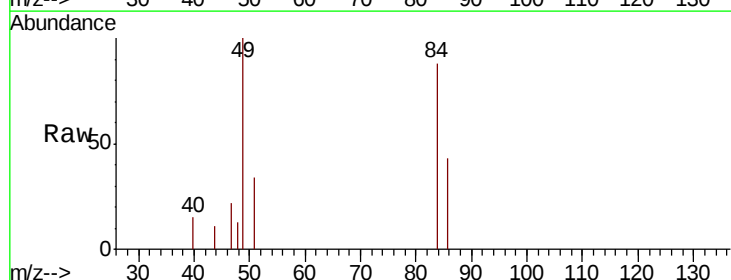
Ion Ratio Lower Upper

84 100

49 114.2 94.0 141.0

51 38.4 29.0 43.4

86 48.8 49.8 74.6#

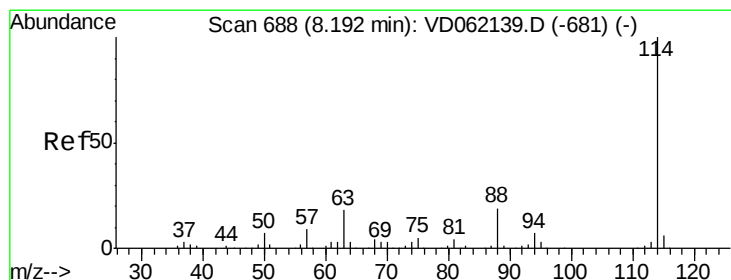
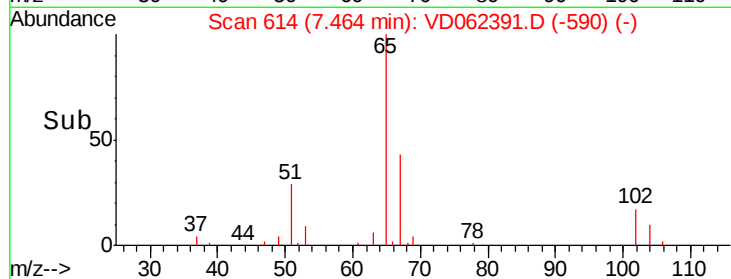
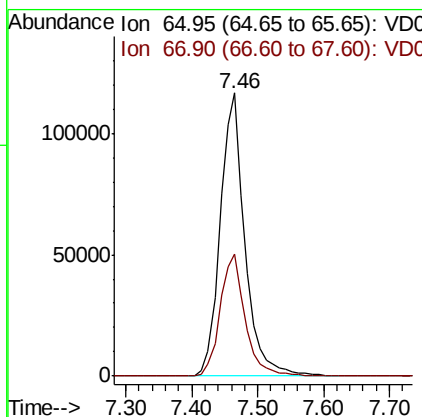
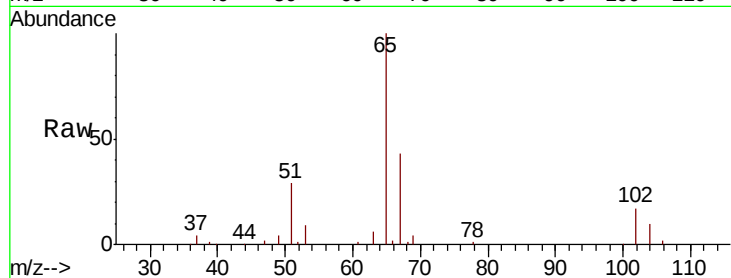




#33
 1,2-Dichloroethane-d4
 Concen: 51.581 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

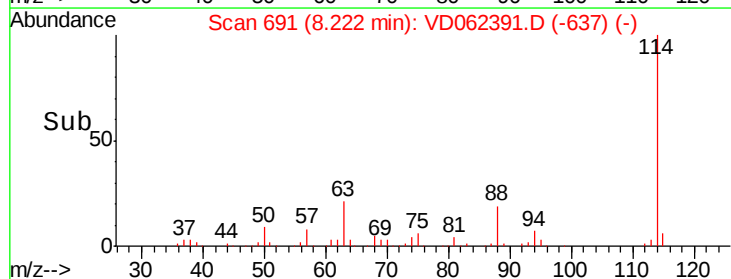
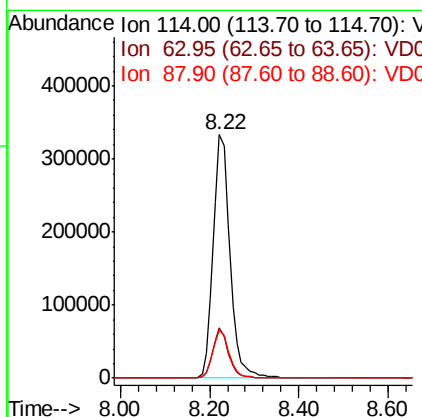
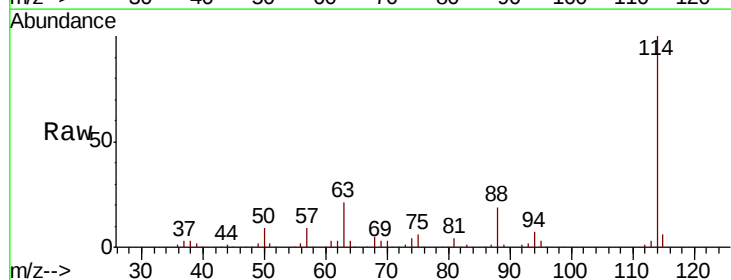
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 303063
 Ion Ratio Lower Upper
 65 100
 67 43.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

Tgt Ion: 114 Resp: 869855
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 32.4
 88 19.4 0.0 33.6

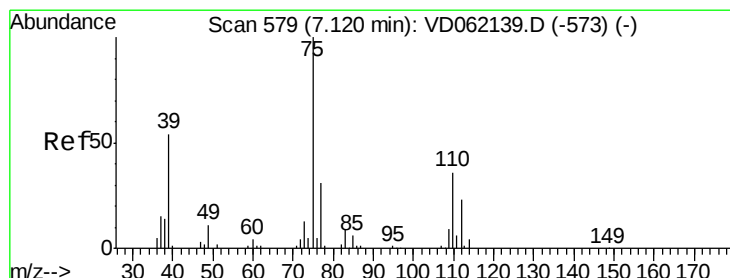
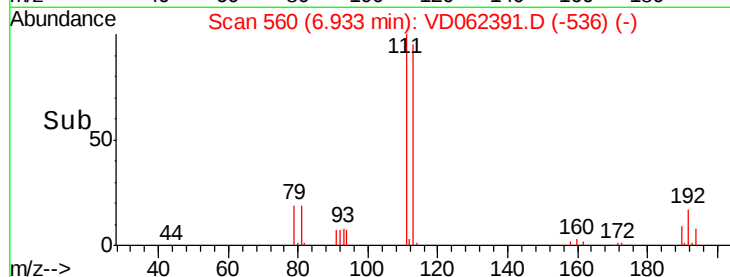
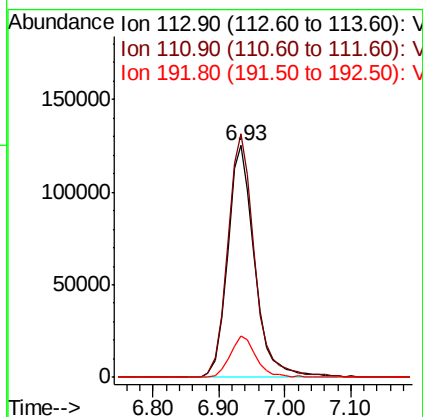
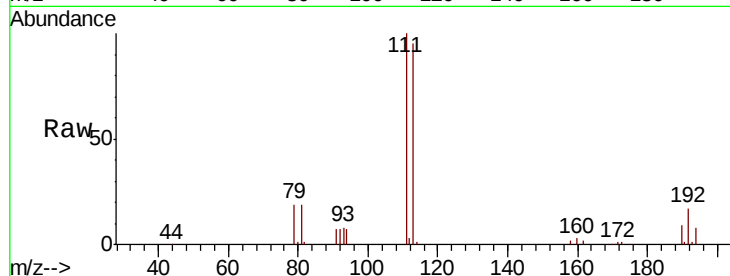




#35
 Dibromofluoromethane
 Concen: 49.533 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

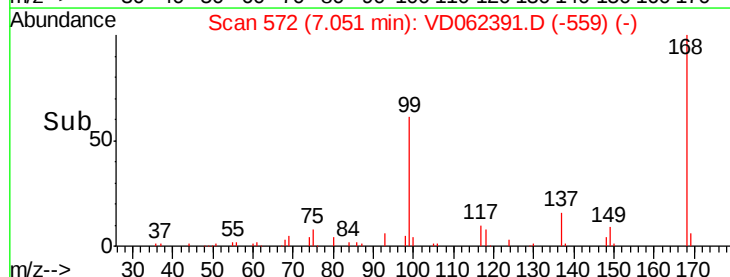
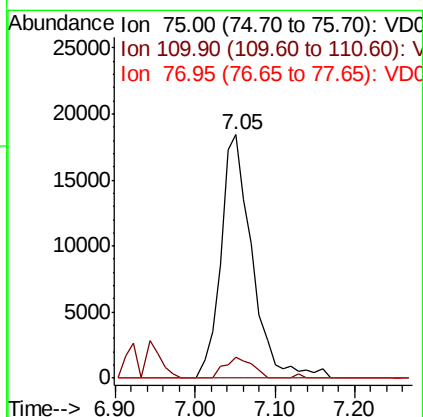
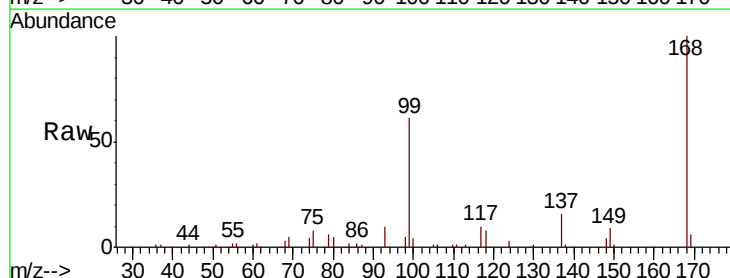
Instrument :
 MSVOA_D
 ClientSampleId :

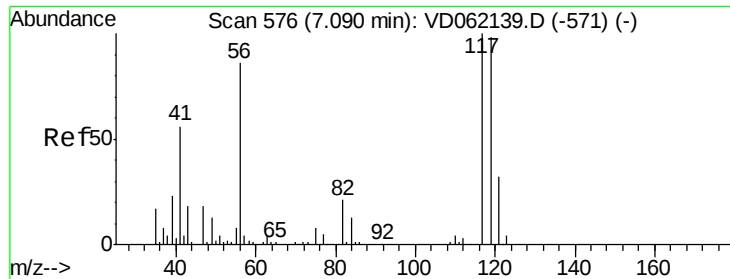
Tot Ion:113 Resp: 357494
 Ion Ratio Lower Upper
 113 100
 111 105.2 78.5 117.7
 192 17.7 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 7.071 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.07 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

Tgt Ion: 75 Resp: 50432
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.1 57.1#
 77 0.0 25.6 38.4#

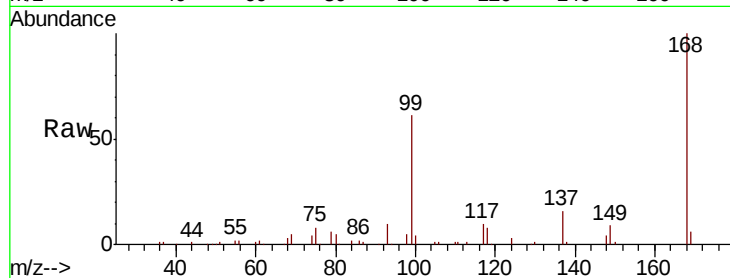




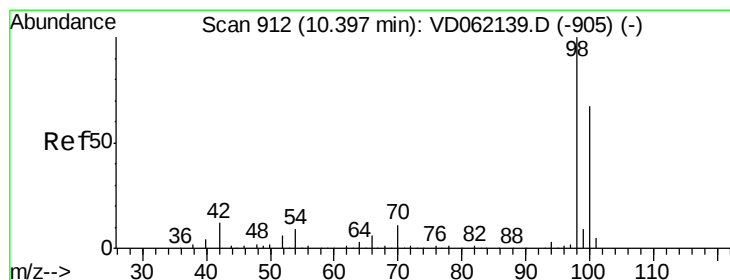
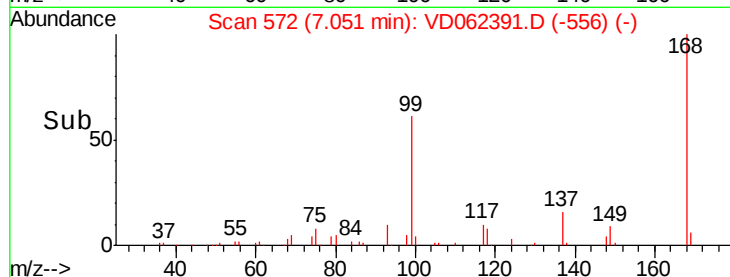
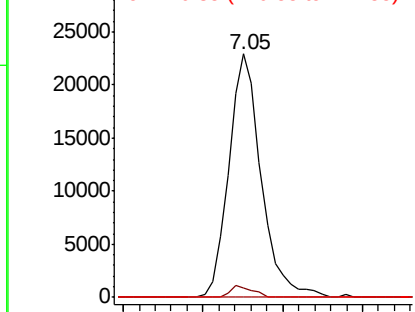
#38
Carbon Tetrachloride
Concen: 6.576 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062391.D
Acq: 15 May 2019 16:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 64910
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 25.9 38.9#

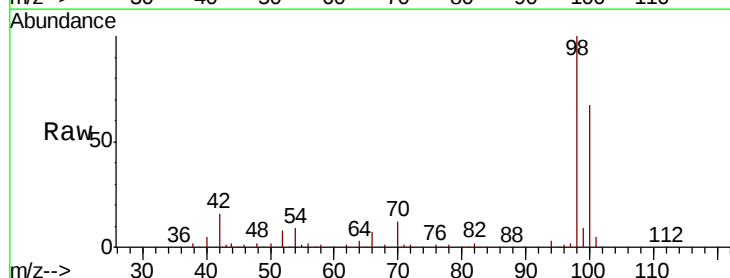


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

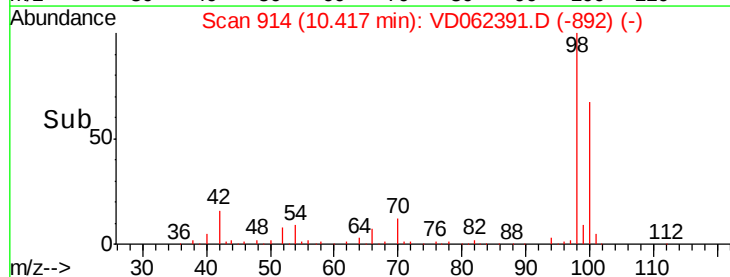
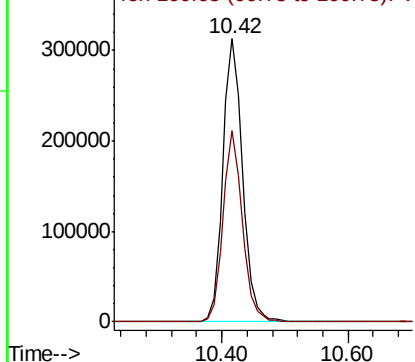


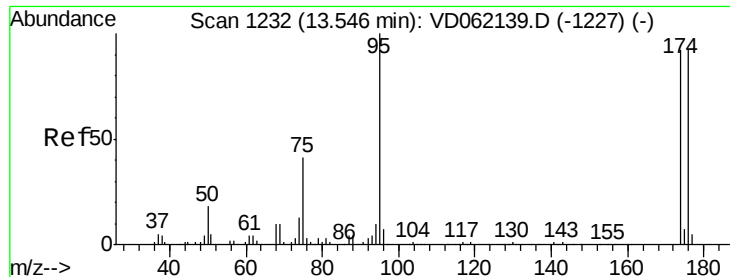
#50
Toluene-d8
Concen: 39.244 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062391.D
Acq: 15 May 2019 16:38

Tgt Ion: 98 Resp: 682903
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 38.833 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

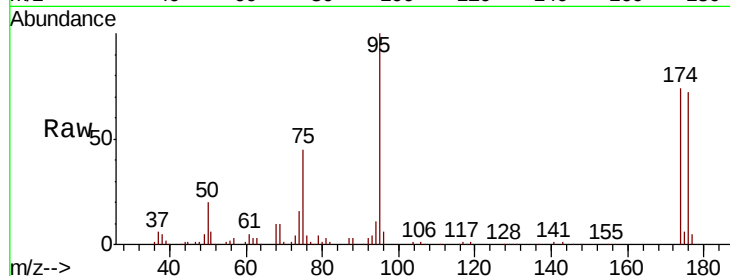
Tot Ion: 95 Resp: 271355

Ion Ratio Lower Upper

95 100

174 74.0 0.0 181.8

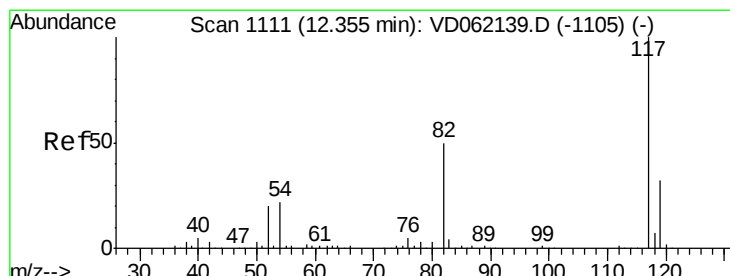
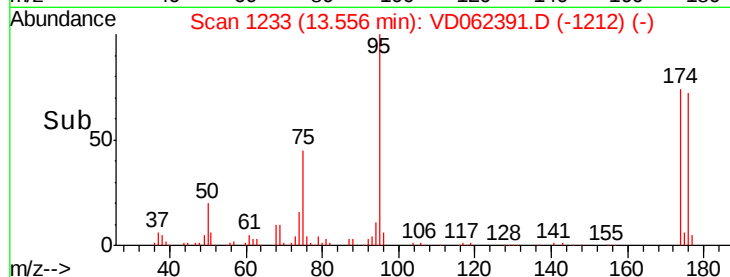
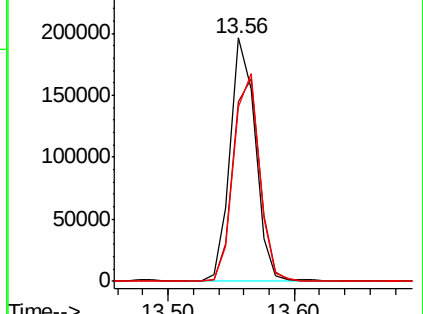
176 71.9 0.0 174.4



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: 12.37 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

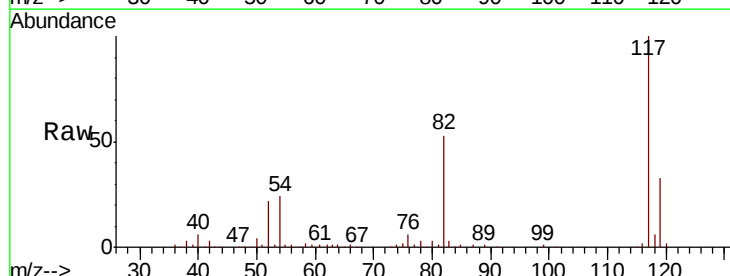
Tgt Ion: 117 Resp: 679978

Ion Ratio Lower Upper

117 100

82 53.3 36.2 54.2

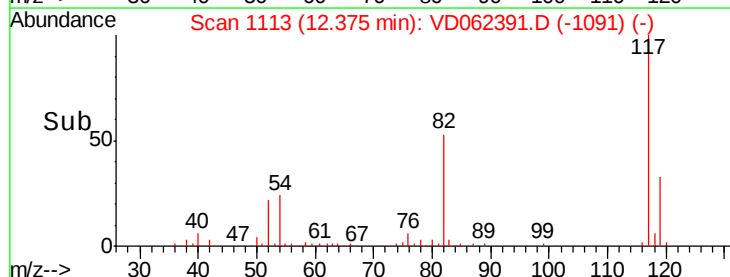
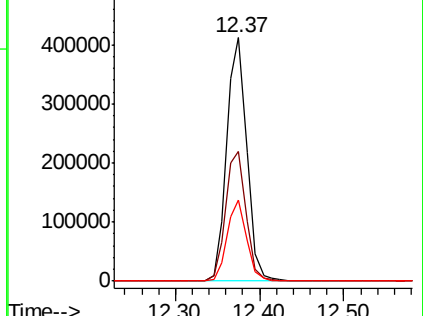
119 33.4 26.2 39.4

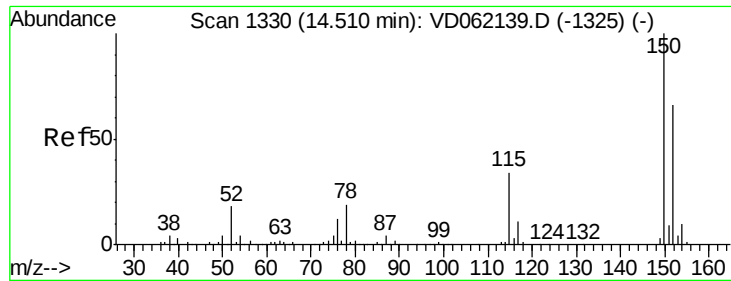


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampled :

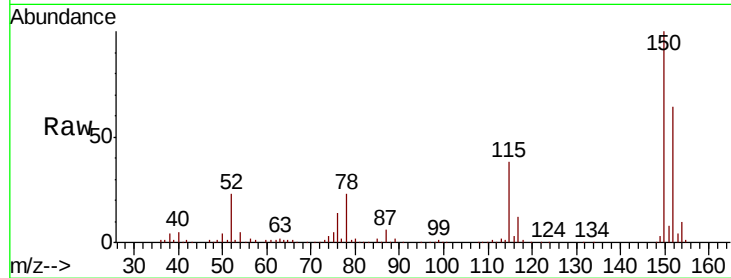
Tot Ion:152 Resp: 259292

Ion Ratio Lower Upper

152 100

115 59.3 30.9 92.7

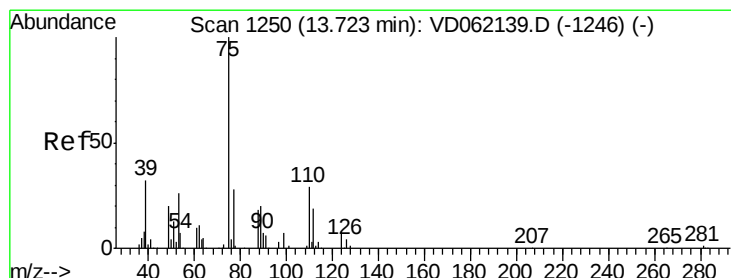
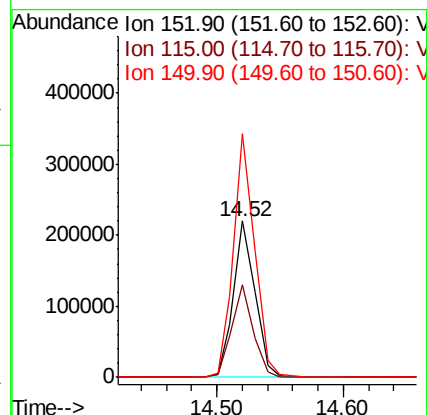
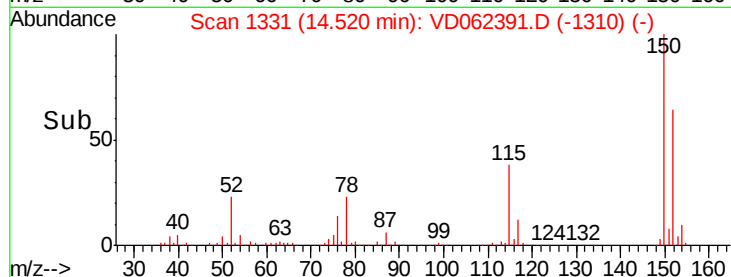
150 155.6 0.0 314.8



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: 32.555 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062391.D

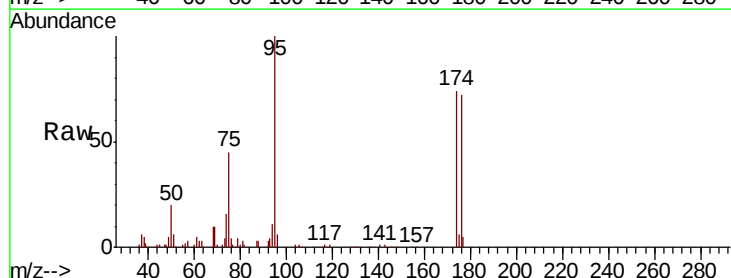
Acq: 15 May 2019 16:38

Tgt Ion: 75 Resp: 100319

Ion Ratio Lower Upper

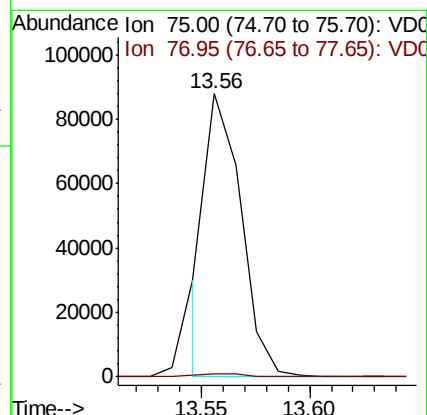
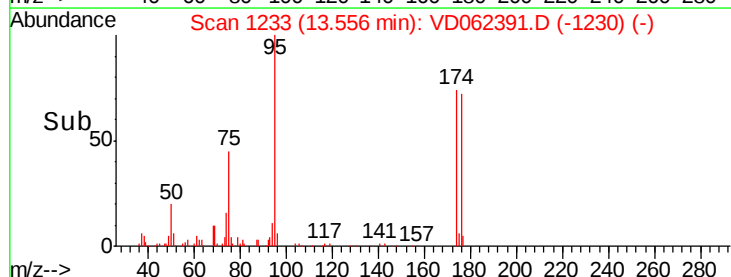
75 100

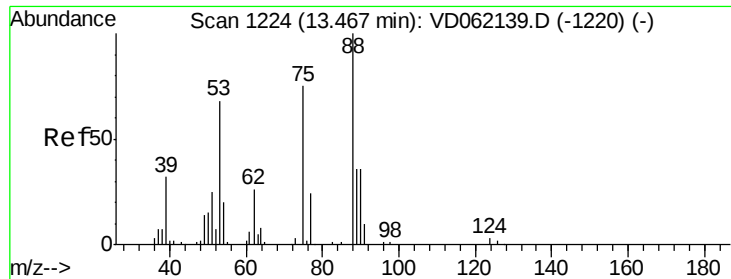
77 1.2 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 137.554 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 119661

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

