

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062296.D
 Acq On : 13 May 2019 11:00
 Operator : FY/SY
 Sample : VD0513SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 14 05:07:52 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	712392	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	1007236	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	829340	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	442362	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	350728	52.98	ug/l	0.04
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	6.94	113	391696	46.87	ug/l	0.05
Spiked Amount			Recovery	=	93.74%	
50) Toluene-d8	10.43	98	847583	42.06	ug/l	0.03
Spiked Amount			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	13.56	95	352481	43.56	ug/l	0.02
Spiked Amount			Recovery	=	87.12%	

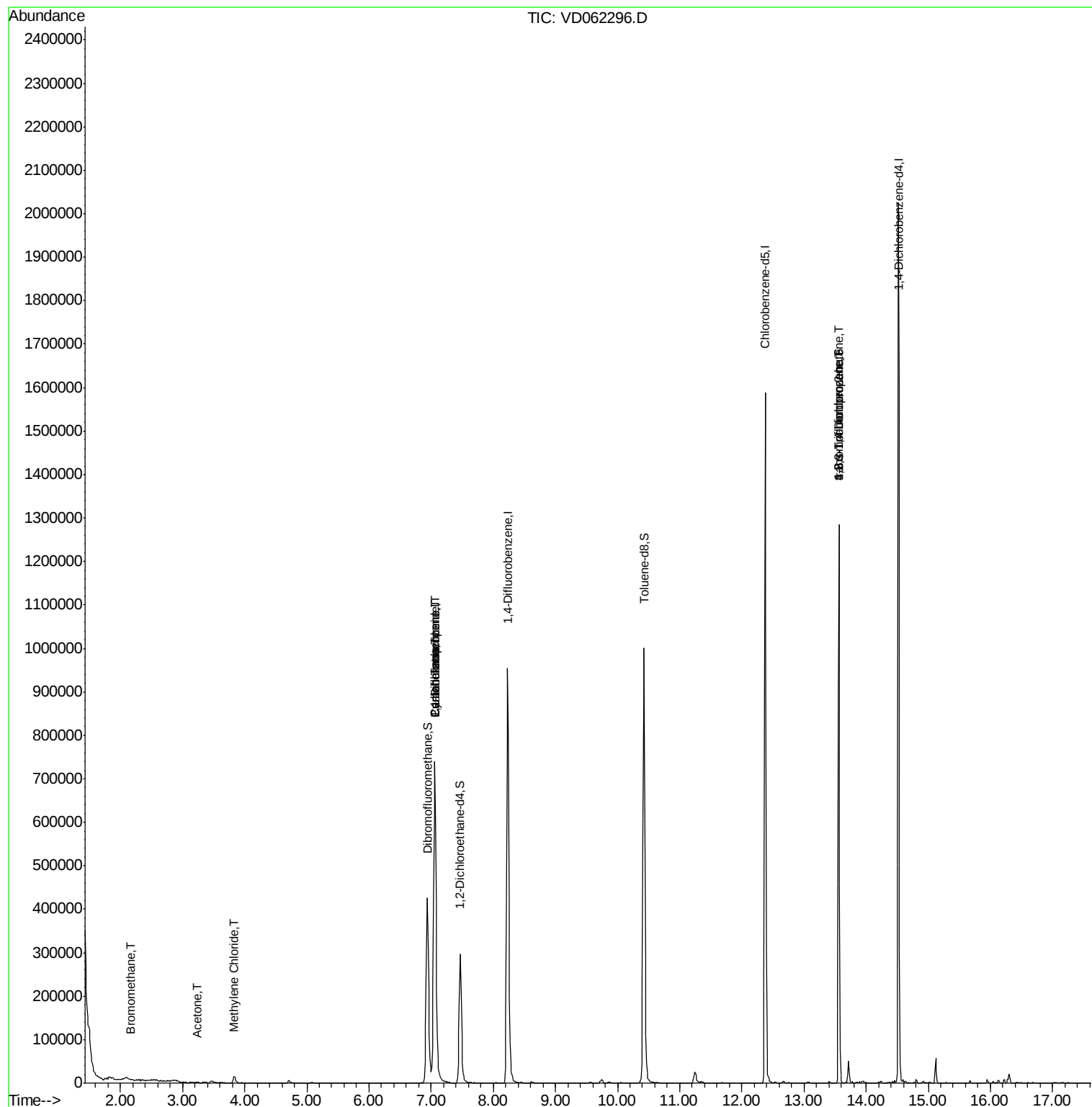
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	2336	2.060	ug/l #	47
16) Acetone	3.22	43	3554	2.560	ug/l #	50
18) Methyl Acetate	3.64	43	180	Below Cal	#	53
20) Methylene Chloride	3.83	84	9124	1.574	ug/l	95
31) Cyclohexane	7.06	56	14534	2.092	ug/l #	7
36) 1,1-Dichloropropene	7.06	75	58061	7.031	ug/l #	47
38) Carbon Tetrachloride	7.06	117	72791	6.368	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	137023	26.064	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	148853	100.298	ug/l #	16

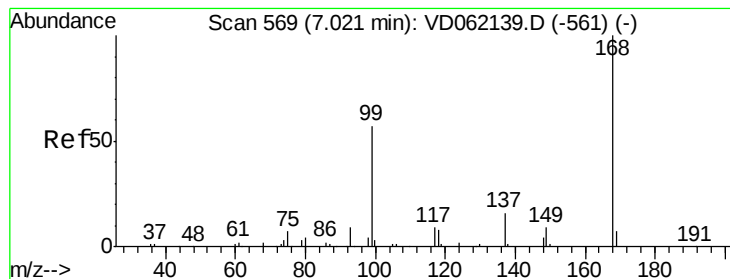
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051319\
Data File : VD062296.D
Acq On : 13 May 2019 11:00
Operator : FY/SY
Sample : VD0513SBL01
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Quant Time: May 14 05:07:52 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: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

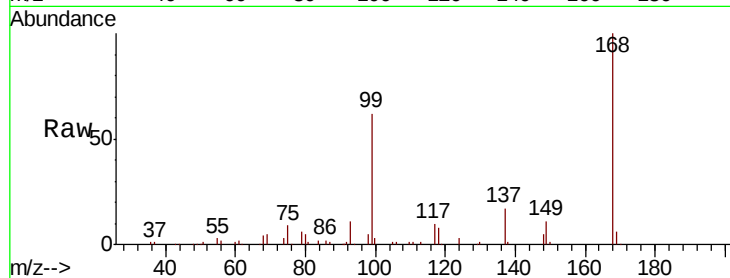
VD0513SBL01

Tot Ion:168 Resp: 712392

Ion Ratio Lower Upper

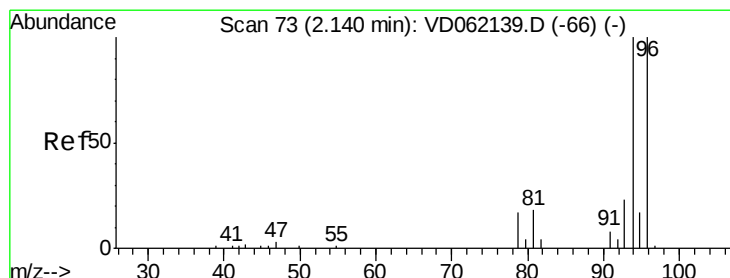
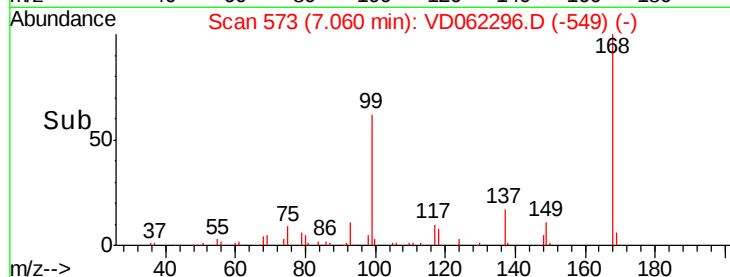
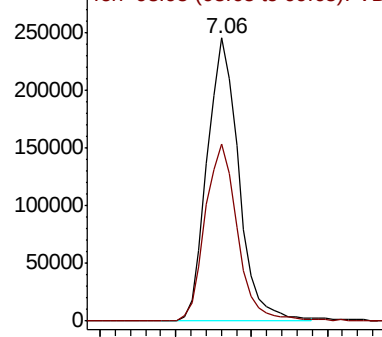
168 100

99 62.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 2.060 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

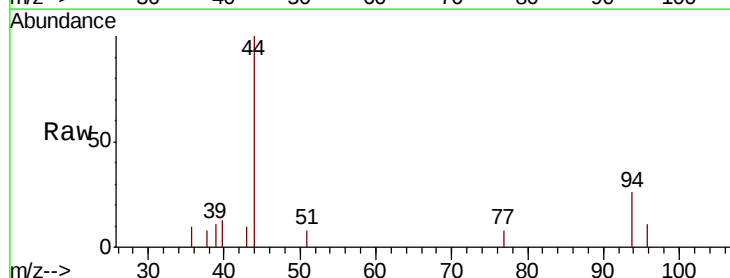
Tgt Ion: 94 Resp: 2336

Ion Ratio Lower Upper

94 100

96 42.6 76.6 115.0#

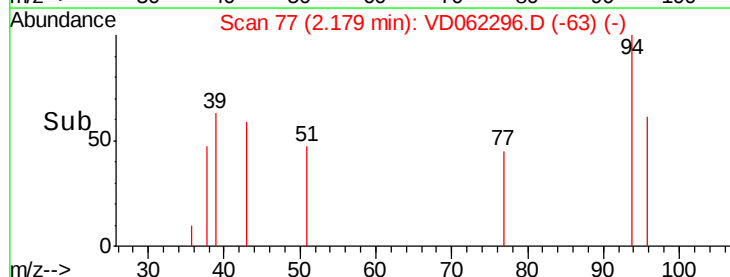
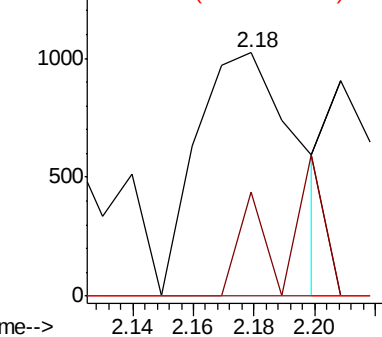
93 0.0 18.5 27.7#

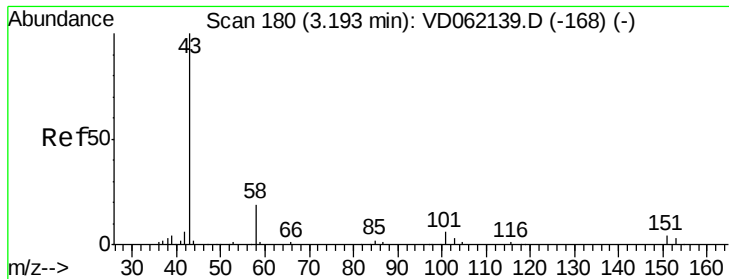


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 2.560 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

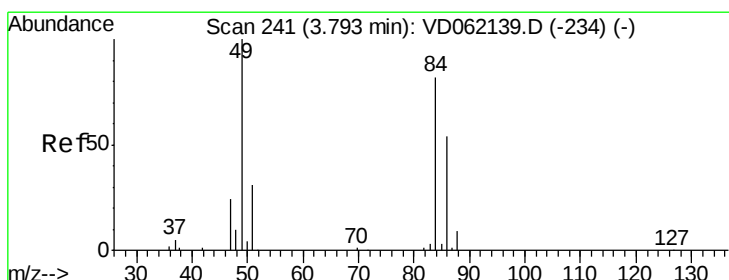
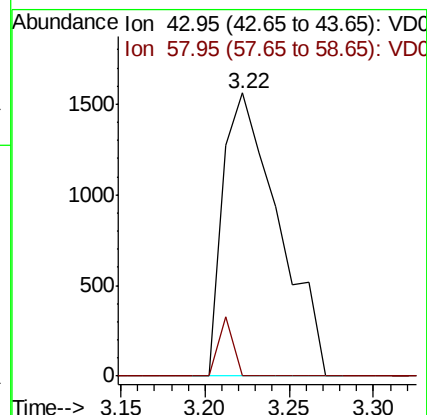
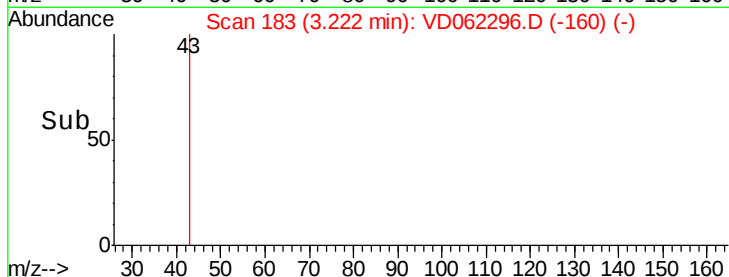
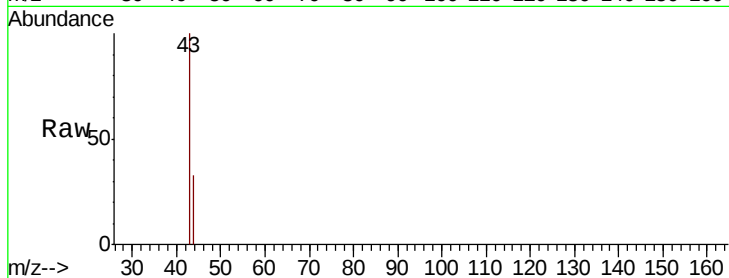
VD0513SBL01

Tot Ion: 43 Resp: 3554

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 1.574 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Tgt Ion: 84 Resp: 9124

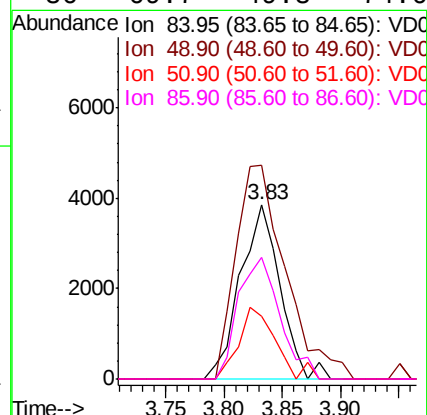
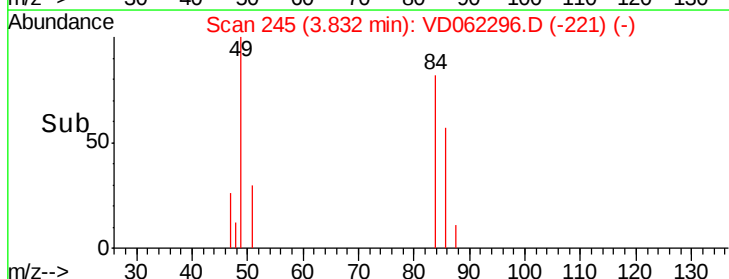
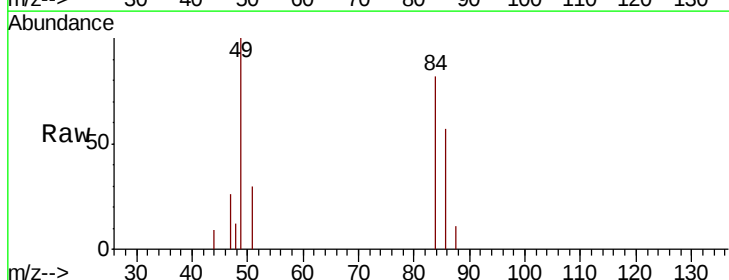
Ion Ratio Lower Upper

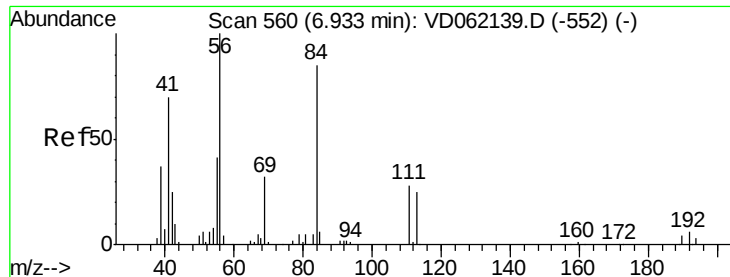
84 100

49 122.4 94.0 141.0

51 36.1 29.0 43.4

86 69.7 49.8 74.6





#31

Cyclohexane

Concen: 2.092 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBL01

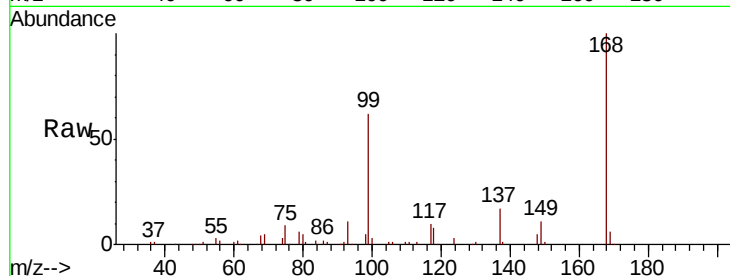
Tot Ion: 56 Resp: 14534

Ion Ratio Lower Upper

56 100

69 226.5 25.8 38.6#

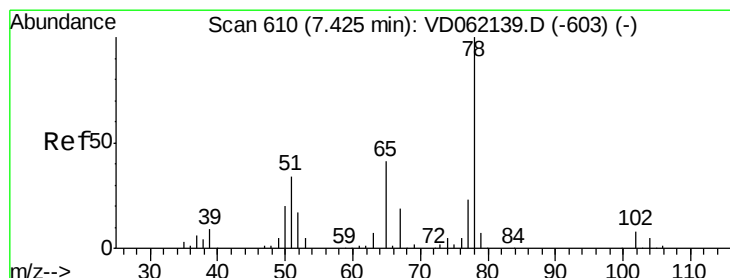
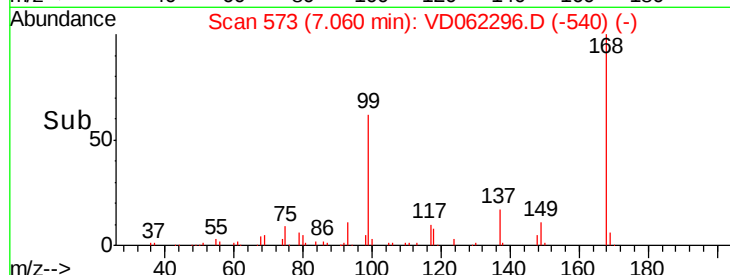
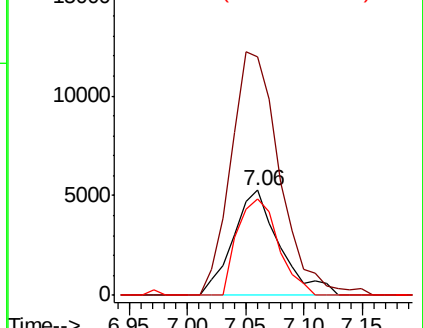
84 91.9 72.2 108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.977 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062296.D

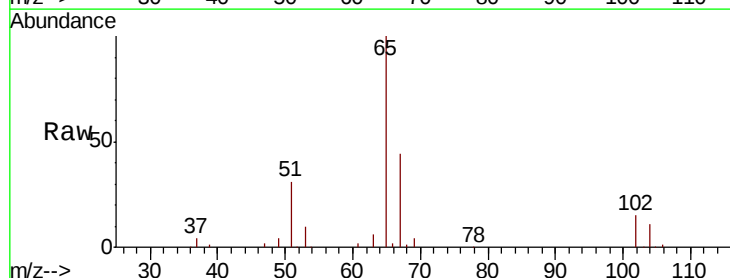
Acq: 13 May 2019 11:00

Tgt Ion: 65 Resp: 350728

Ion Ratio Lower Upper

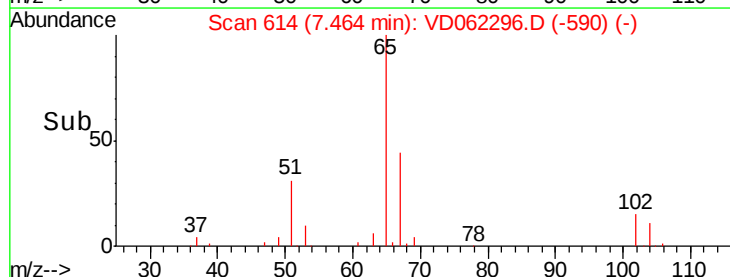
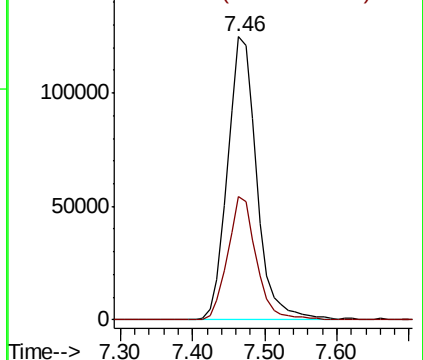
65 100

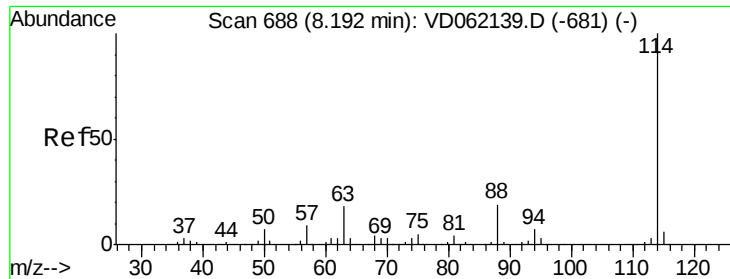
67 43.6 0.0 98.0



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: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBL01

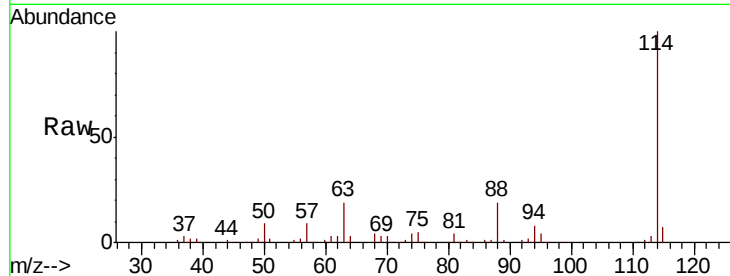
Tot Ion:114 Resp: 1007236

Ion Ratio Lower Upper

114 100

63 19.5 0.0 32.4

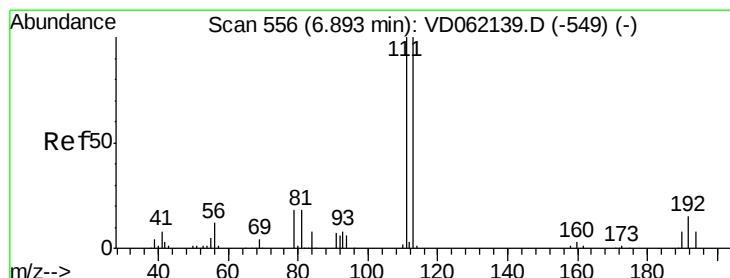
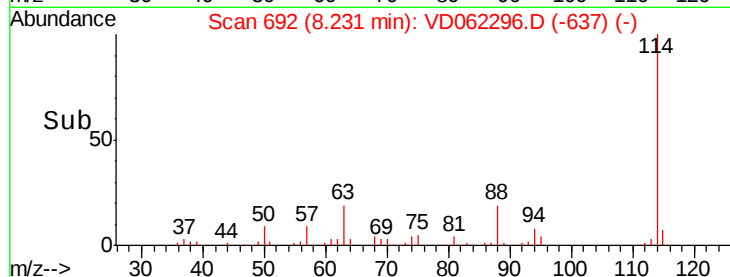
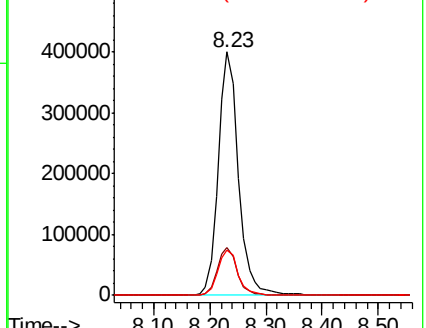
88 18.8 0.0 33.6



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



#35

Dibromofluoromethane

Concen: 46.870 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

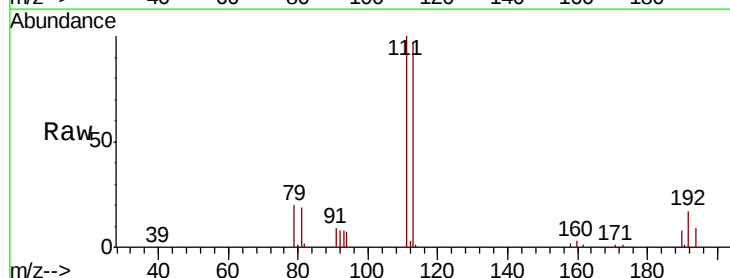
Tgt Ion:113 Resp: 391696

Ion Ratio Lower Upper

113 100

111 103.4 78.5 117.7

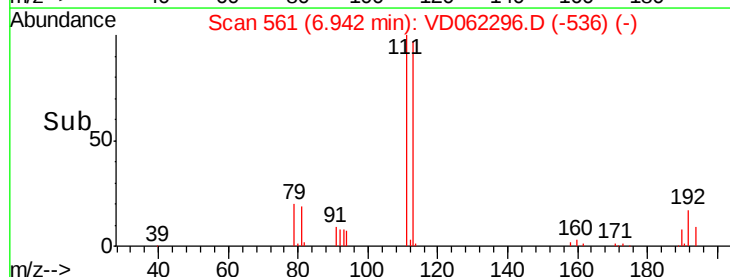
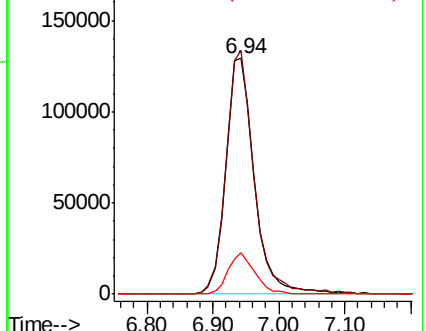
192 17.5 13.0 19.4

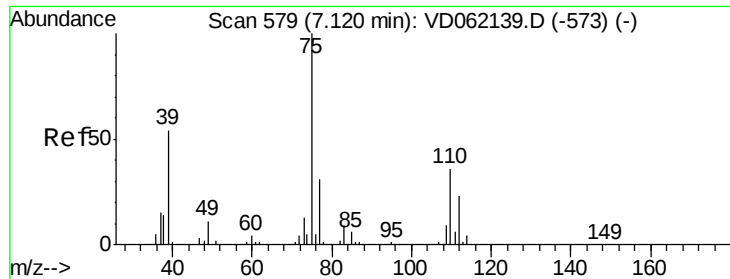


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 7.031 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.06 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBL01

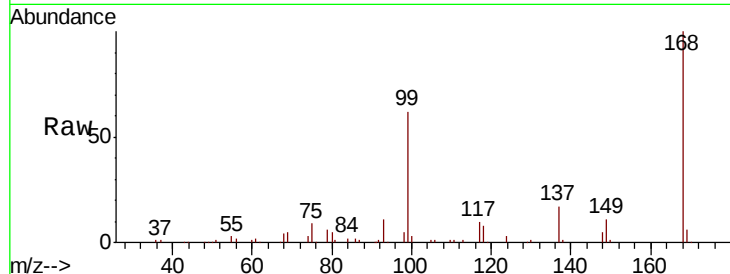
Tot Ion: 75 Resp: 58061

Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.1#

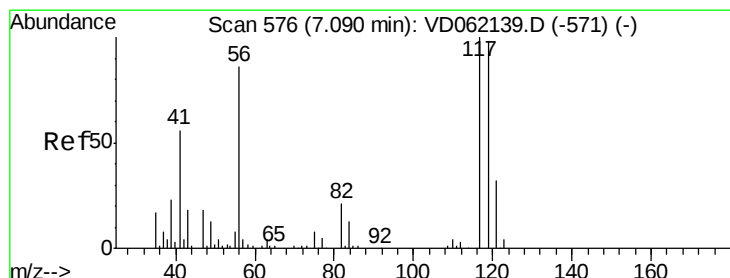
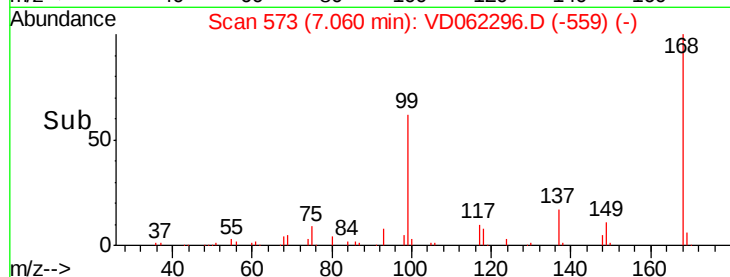
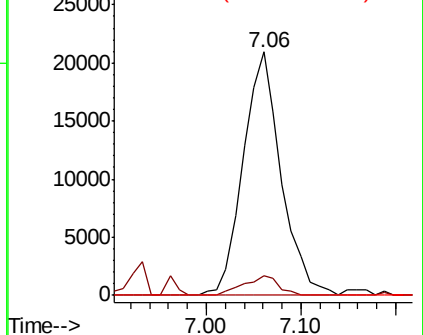
77 0.0 25.6 38.4#



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



#38

Carbon Tetrachloride

Concen: 6.368 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

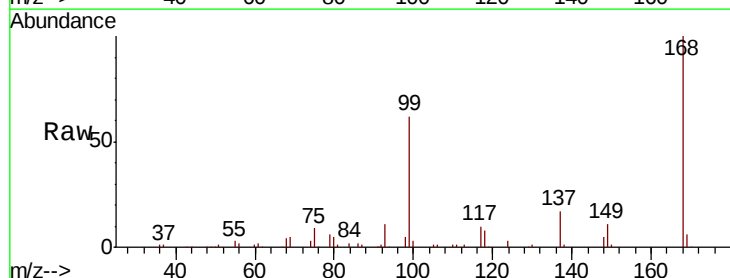
Tgt Ion: 117 Resp: 72791

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

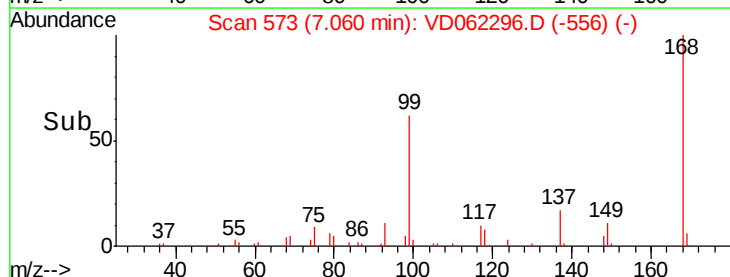
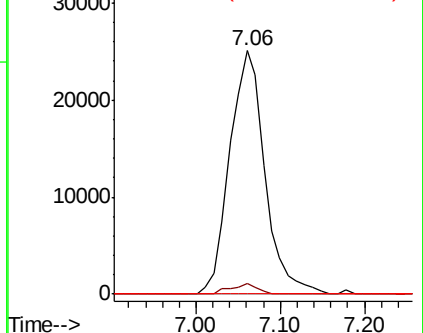
121 0.0 25.9 38.9#

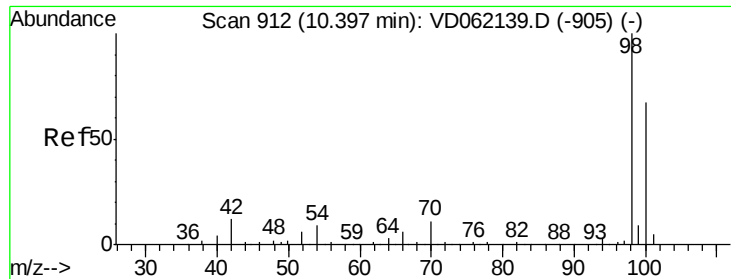


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

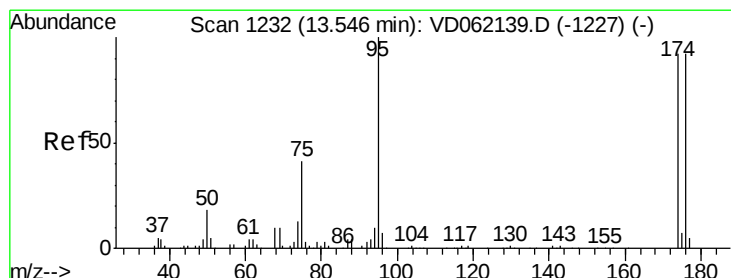
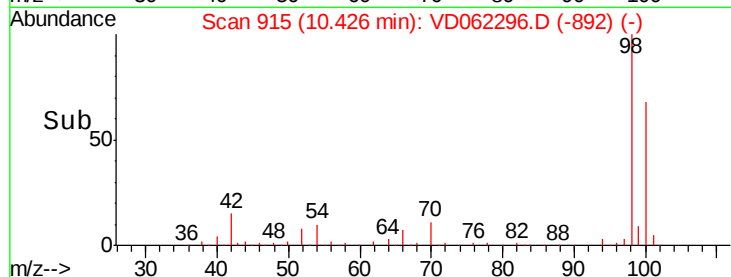
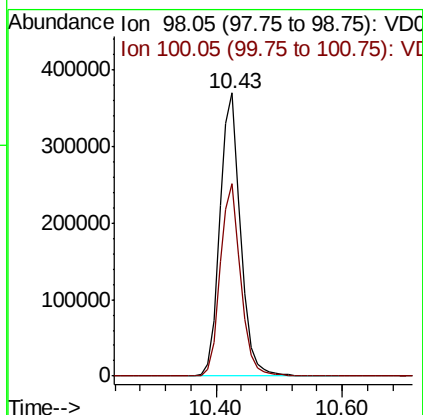
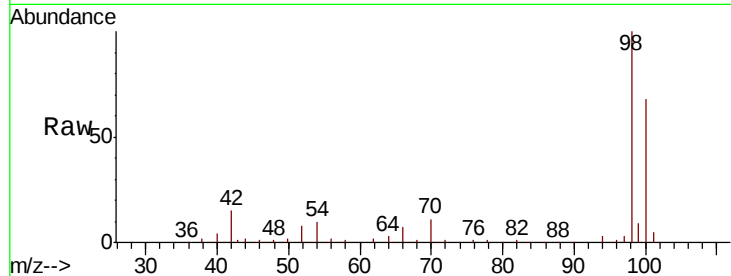




#50
Toluene-d8
Concen: 42.064 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

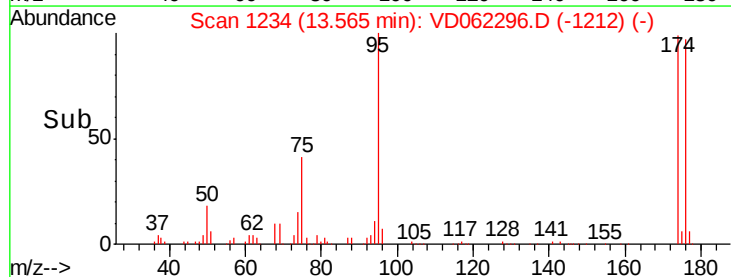
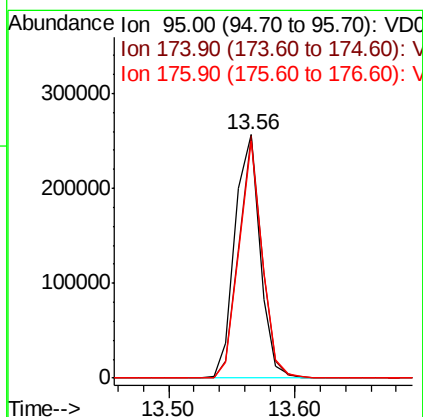
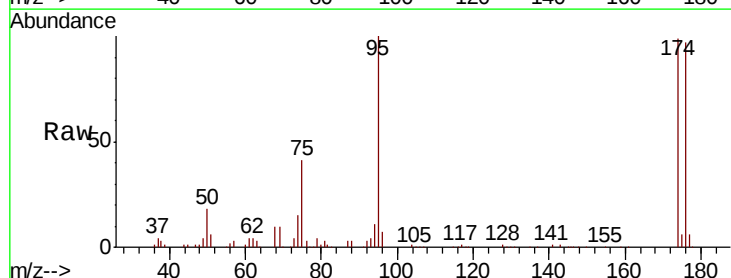
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

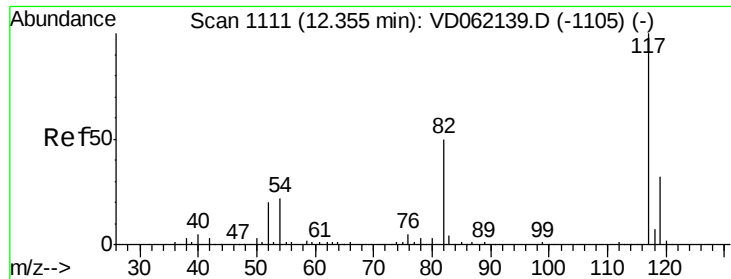
Tot Ion: 98 Resp: 847583
Ion Ratio Lower Upper
98 100
100 68.2 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 43.562 ug/l
RT: 13.56 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Tgt Ion: 95 Resp: 352481
Ion Ratio Lower Upper
95 100
174 99.4 0.0 181.8
176 97.3 0.0 174.4

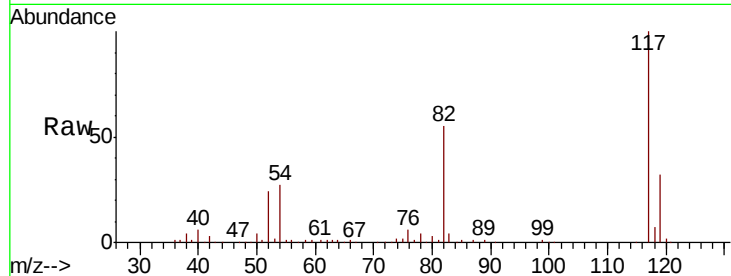




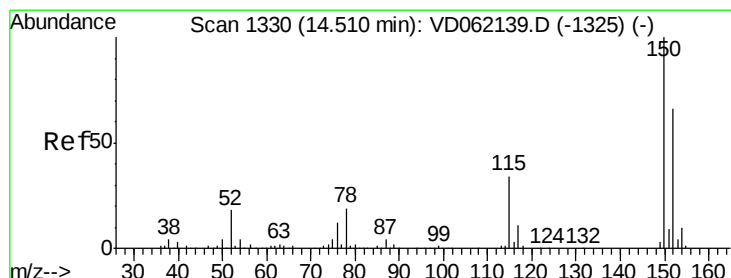
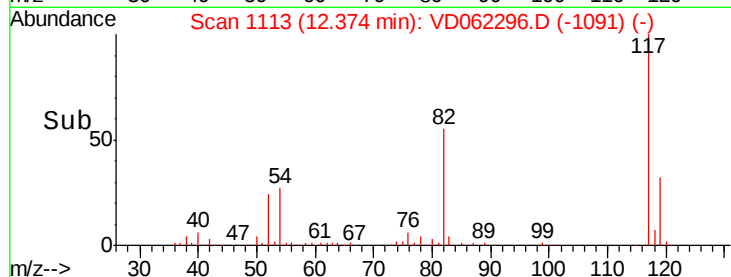
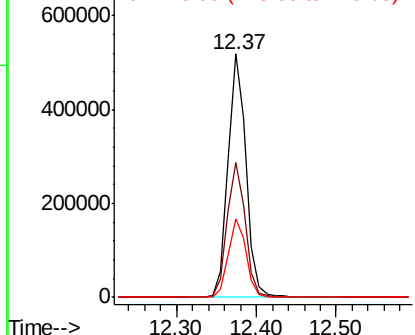
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tot Ion:117 Resp: 829340
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 32.2 26.2 39.4

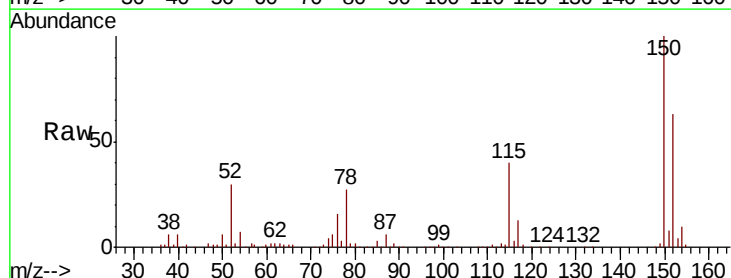


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

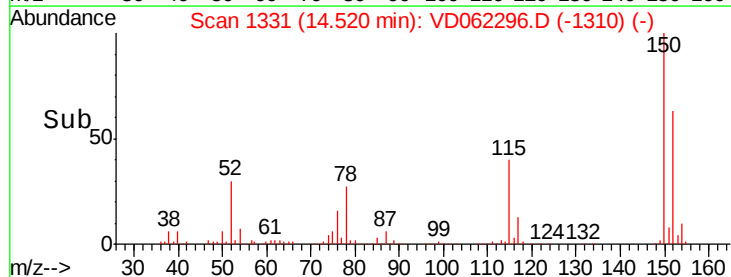
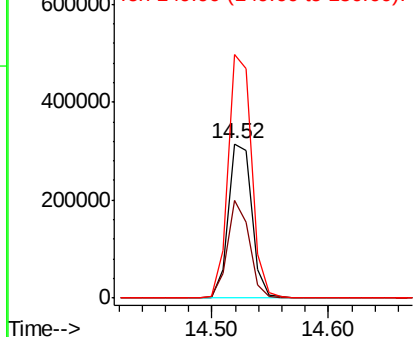


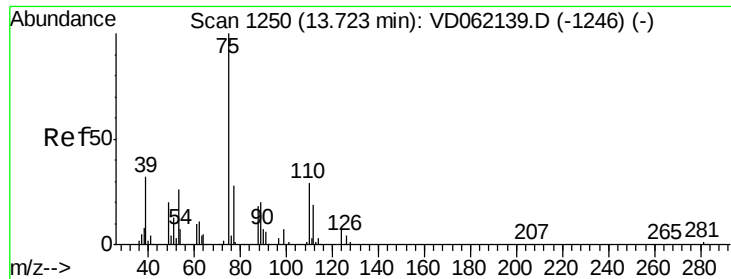
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062296.D
Acq: 13 May 2019 11:00

Tgt Ion:152 Resp: 442362
Ion Ratio Lower Upper
152 100
115 63.3 30.9 92.7
150 157.6 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: 26.064 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

Instrument :

MSVOA_D

ClientSampleId :

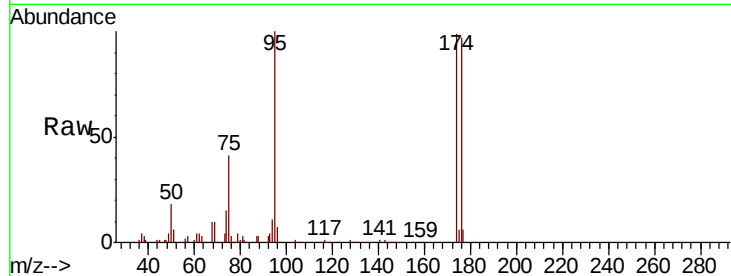
VD0513SBL01

Tot Ion: 75 Resp: 137023

Ion Ratio Lower Upper

75 100

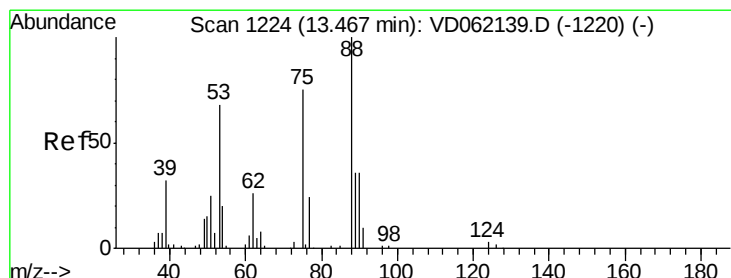
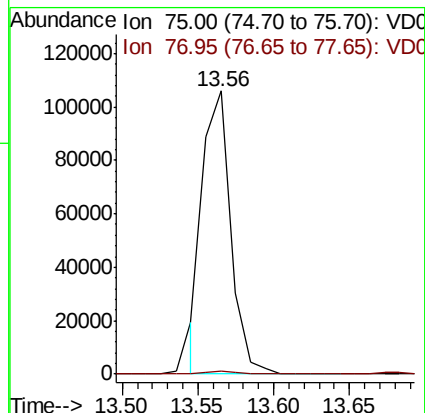
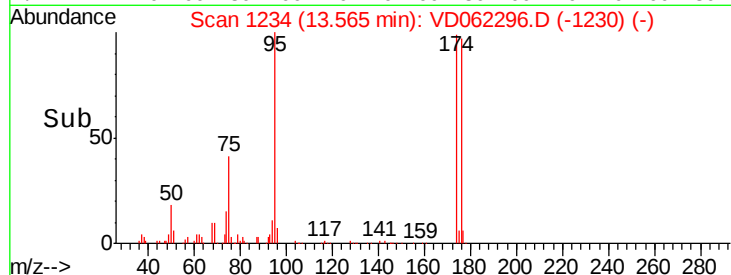
77 1.1 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.56



#81

trans-1,4-Dichloro-2-butene

Concen: 100.298 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062296.D

Acq: 13 May 2019 11:00

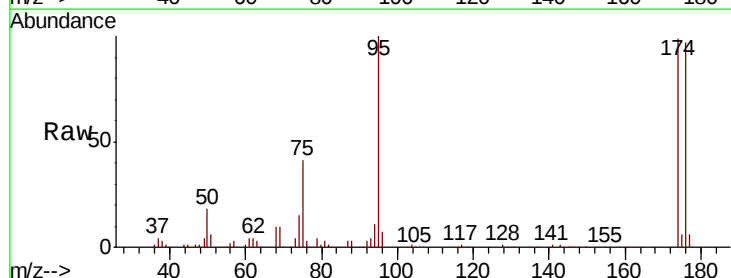
Tgt Ion: 75 Resp: 148853

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

