

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062362.D
 Acq On : 14 May 2019 23:24
 Operator : FY/SY
 Sample : VD0514SBL02
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 15 03:30:12 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	631380	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	833947	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	713022	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	404489	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	342949	58.45	ug/l	0.04
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	6.94	113	393312	56.84	ug/l	0.05
Spiked Amount 50.000			Recovery	=	113.68%	
50) Toluene-d8	10.42	98	812776	48.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	13.56	95	331471	49.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.96%	

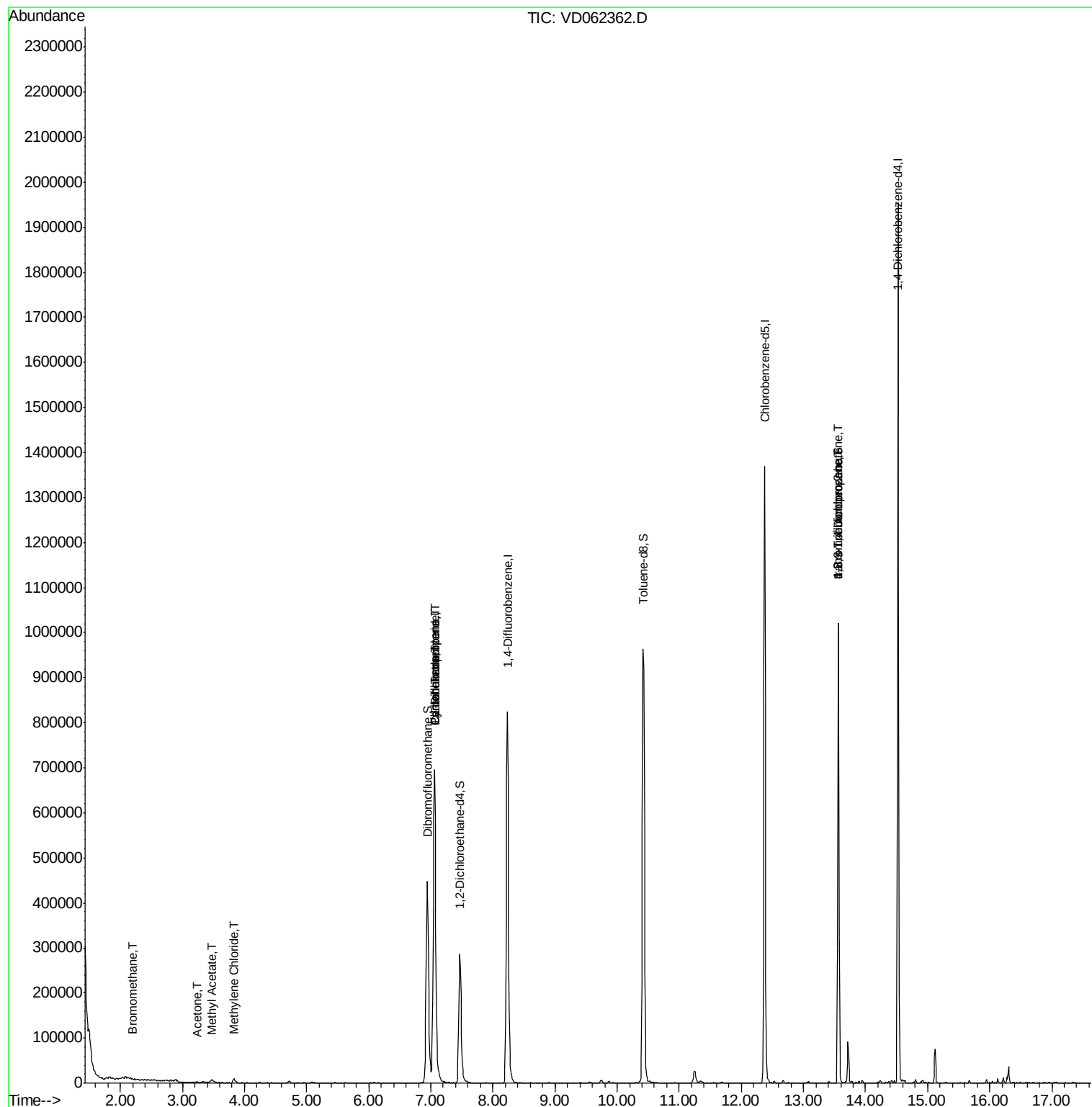
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	3446	3.430	ug/l #	12
16) Acetone	3.23	43	4533	3.684	ug/l	99
18) Methyl Acetate	3.48	43	2899	1.020	ug/l #	53
20) Methylene Chloride	3.83	84	6835	1.330	ug/l	93
31) Cyclohexane	7.05	56	13704	2.226	ug/l #	19
36) 1,1-Dichloropropene	7.06	75	50767	7.425	ug/l #	47
38) Carbon Tetrachloride	7.06	117	67160	7.097	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	121694	25.316	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	144298	106.332	ug/l #	16

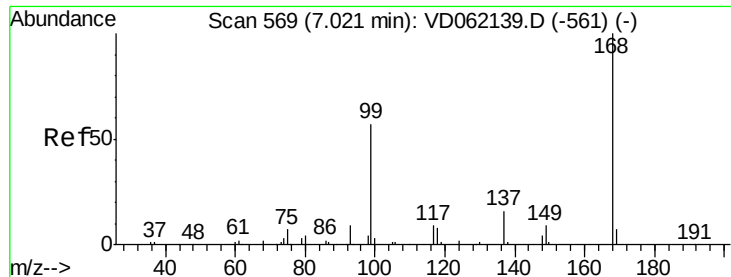
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
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Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 15 03:30:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
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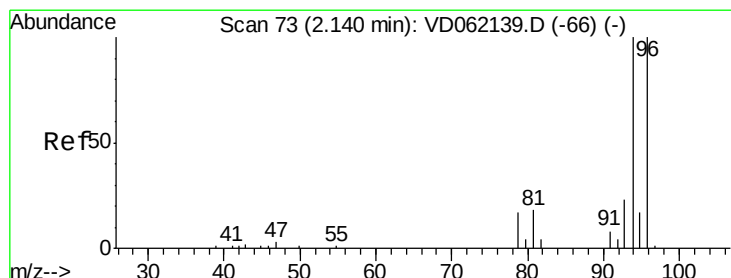
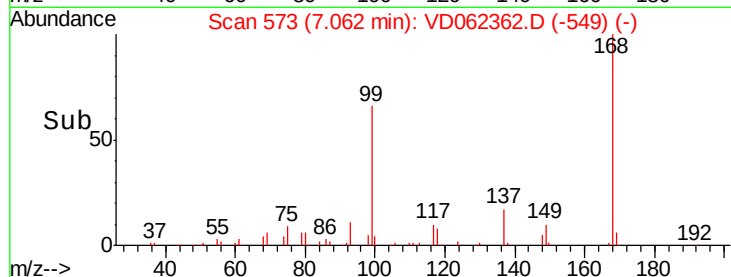
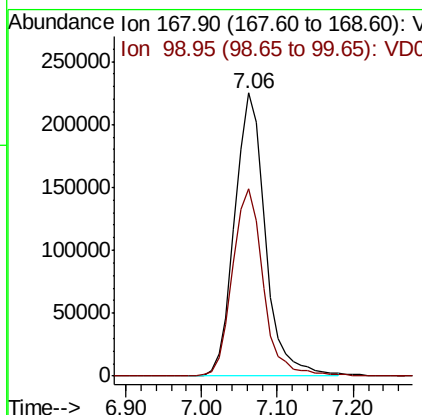
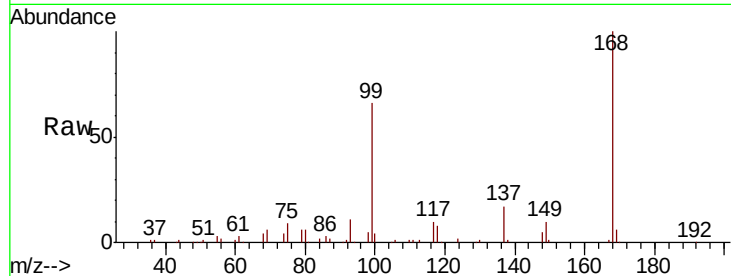




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.04 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

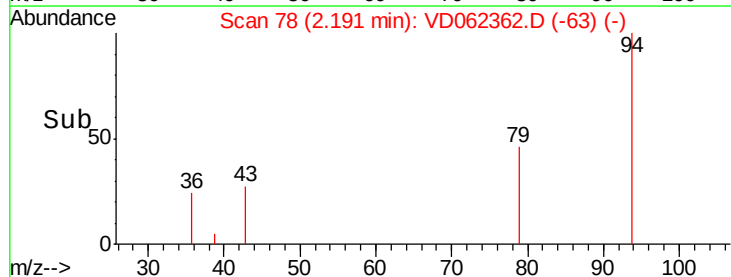
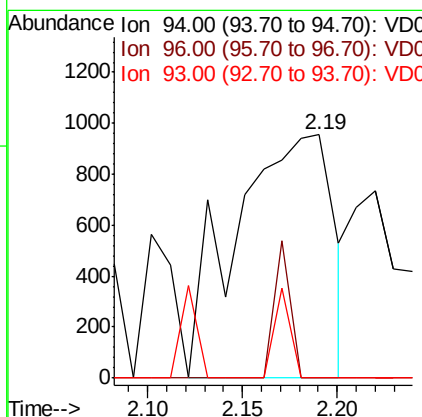
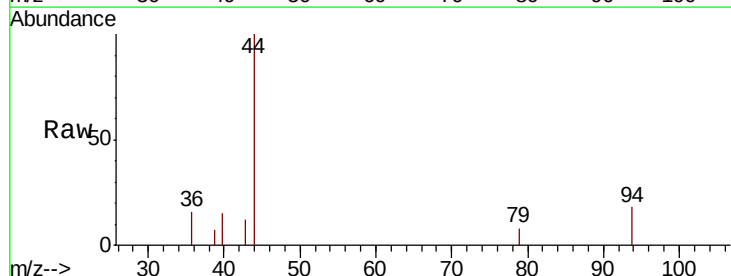
Instrument :
MSVOA_D
ClientSampled :

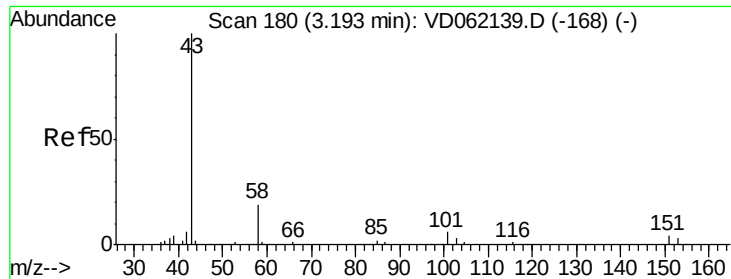
Tot Ion:168 Resp: 631380
Ion Ratio Lower Upper
168 100
99 66.1 46.5 69.7



#5
Bromomethane
Concen: 3.430 ug/l
RT: 2.19 min Scan# 78
Delta R.T. 0.05 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion: 94 Resp: 3446
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#16

Acetone

Concen: 3.684 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062362.D

Acq: 14 May 2019 23:24

Instrument :

MSVOA_D

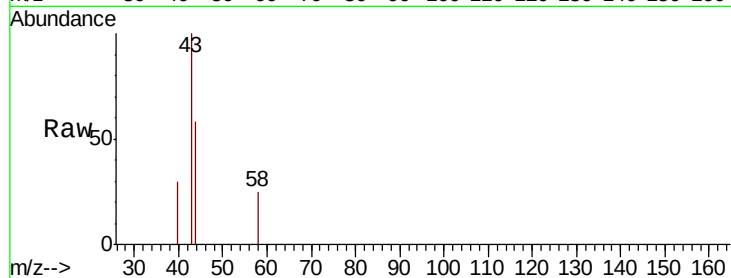
ClientSampleId :

Tot Ion: 43 Resp: 4533

Ion Ratio Lower Upper

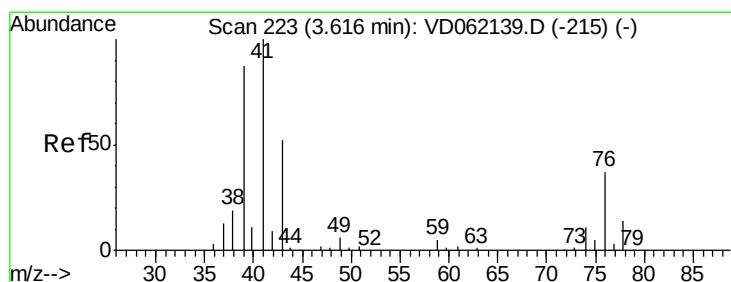
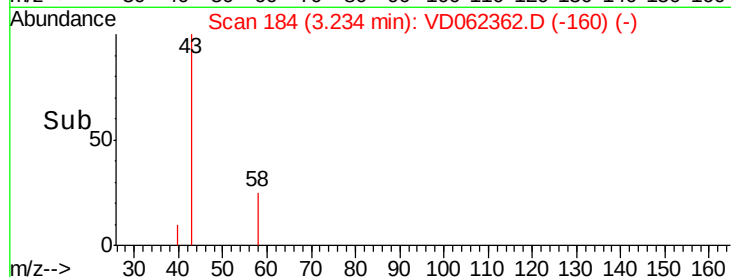
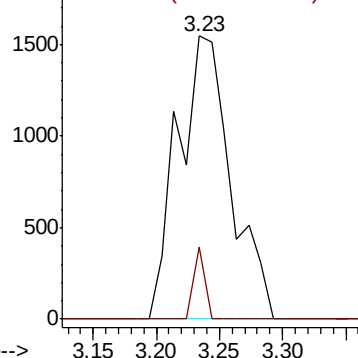
43 100

58 25.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.020 ug/l

RT: 3.48 min Scan# 209

Delta R.T. -0.14 min

Lab File: VD062362.D

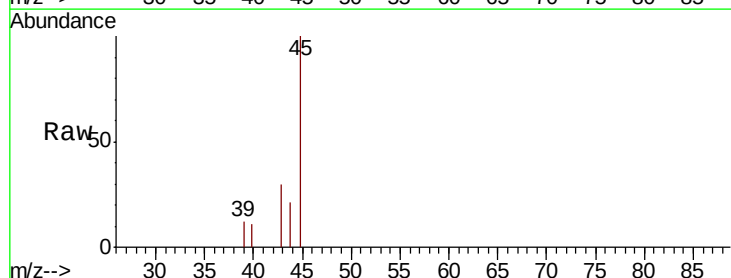
Acq: 14 May 2019 23:24

Tgt Ion: 43 Resp: 2899

Ion Ratio Lower Upper

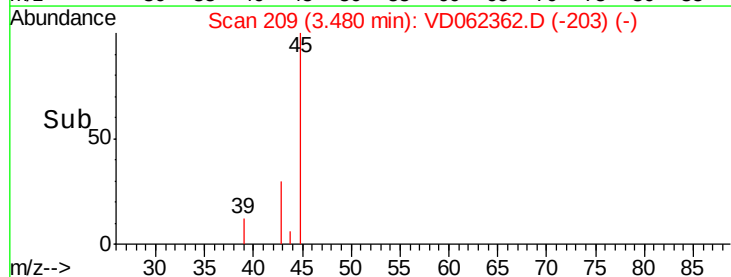
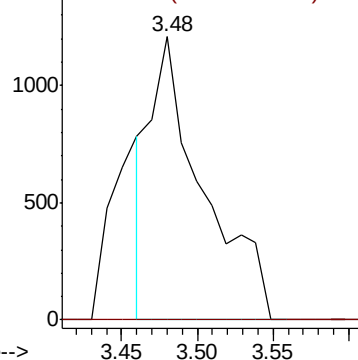
43 100

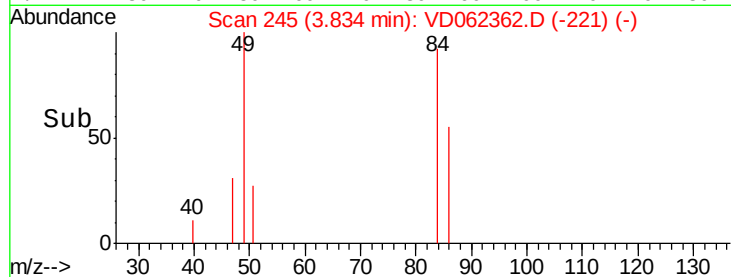
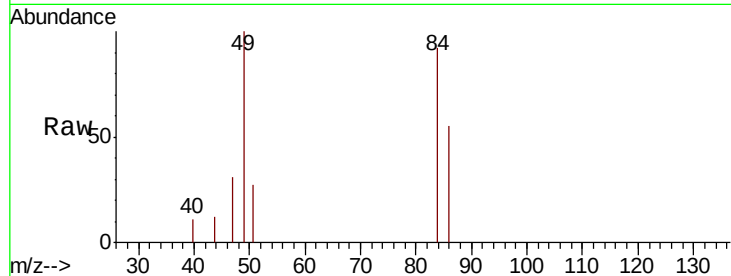
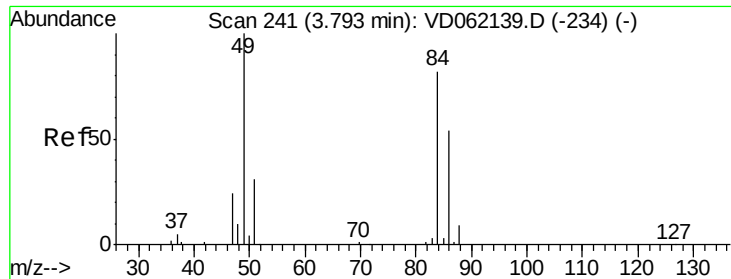
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

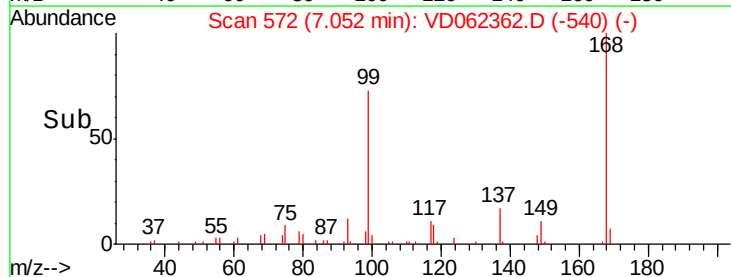
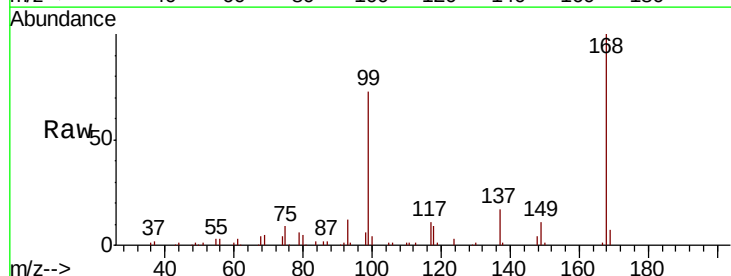
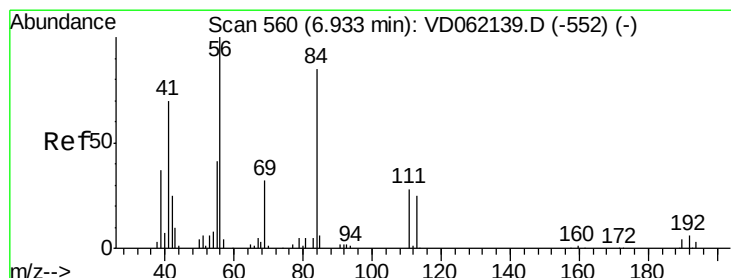
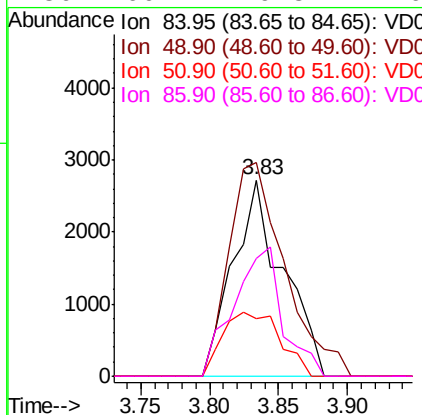




#20
Methylene Chloride
Concen: 1.330 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

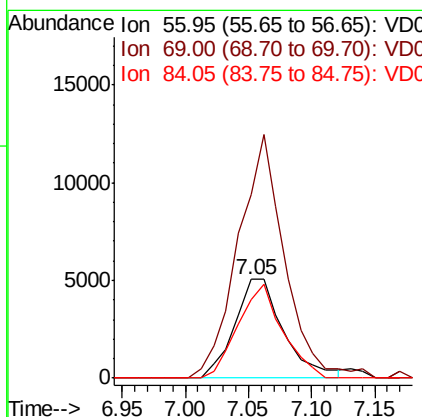
Instrument :
MSVOA_D
ClientSampleId :

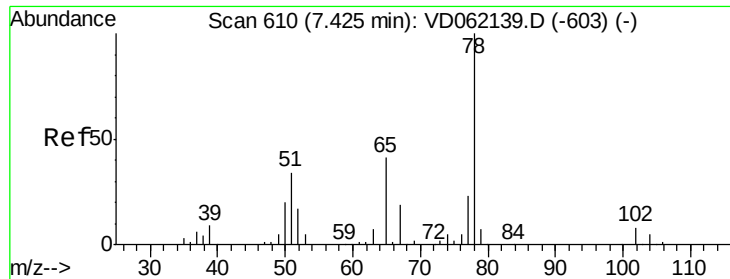
Tot Ion: 84 Resp: 6835
Ion Ratio Lower Upper
84 100
49 109.1 94.0 141.0
51 29.3 29.0 43.4
86 60.4 49.8 74.6



#31
Cyclohexane
Concen: 2.226 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion: 56 Resp: 13704
Ion Ratio Lower Upper
56 100
69 185.5 25.8 38.6#
84 79.2 72.2 108.4

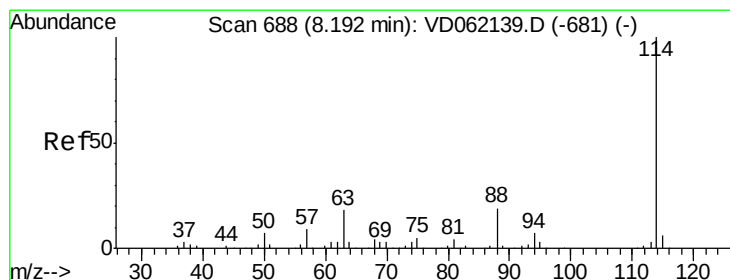
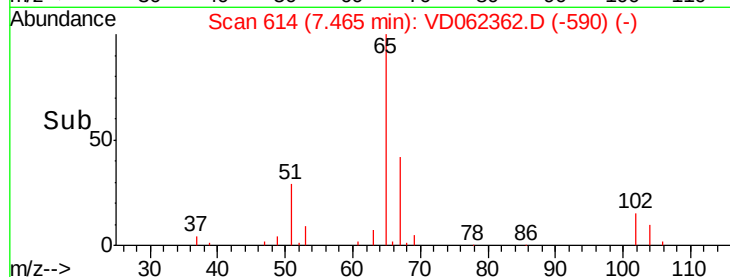
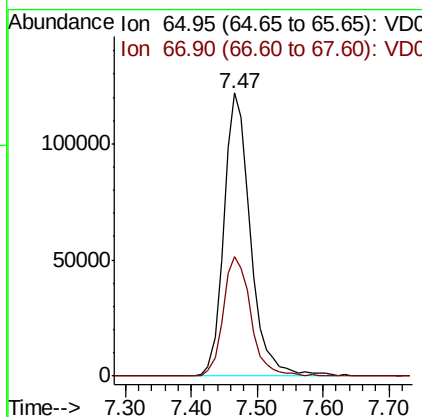
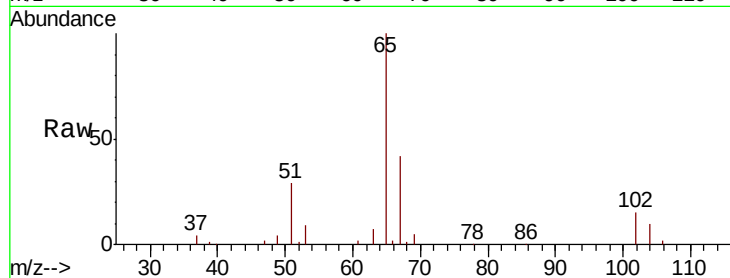




#33
 1,2-Dichloroethane-d4
 Concen: 58.449 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062362.D
 Acq: 14 May 2019 23:24

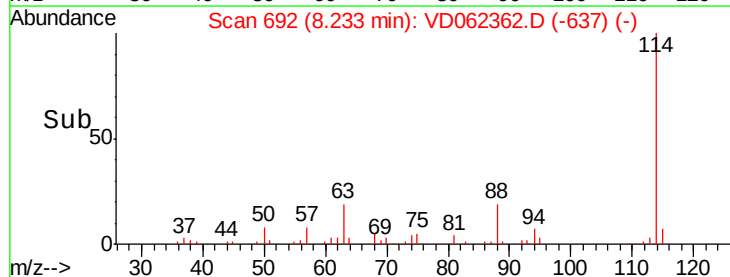
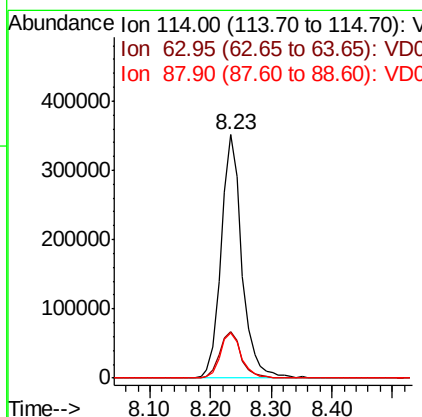
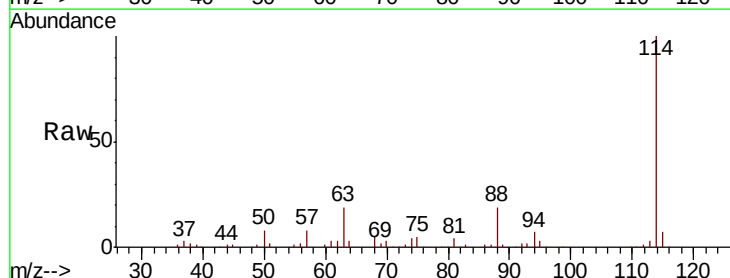
Instrument :
 MSVOA_D
 ClientSampled :

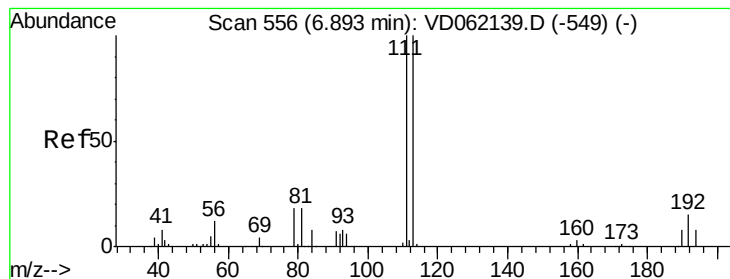
Tot Ion: 65 Resp: 342949
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062362.D
 Acq: 14 May 2019 23:24

Tgt Ion: 114 Resp: 833947
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 32.4
 88 18.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 56.842 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062362.D

Acq: 14 May 2019 23:24

Instrument :

MSVOA_D

ClientSampleId :

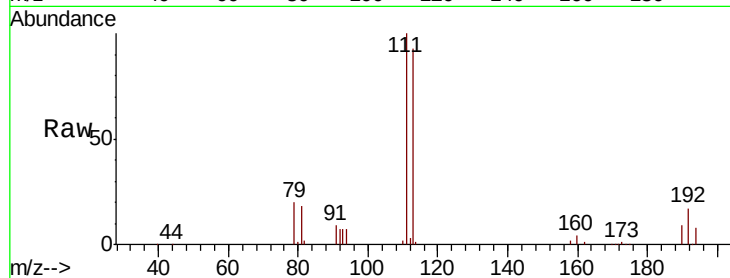
Tot Ion:113 Resp: 393312

Ion Ratio Lower Upper

113 100

111 107.4 78.5 117.7

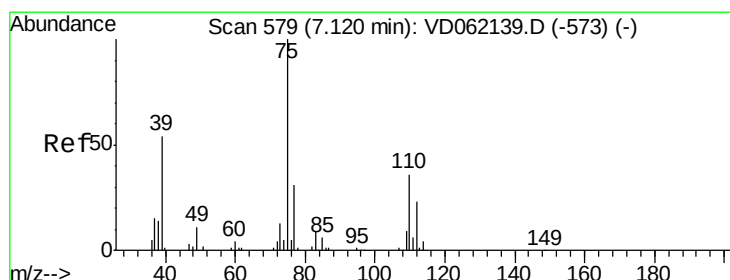
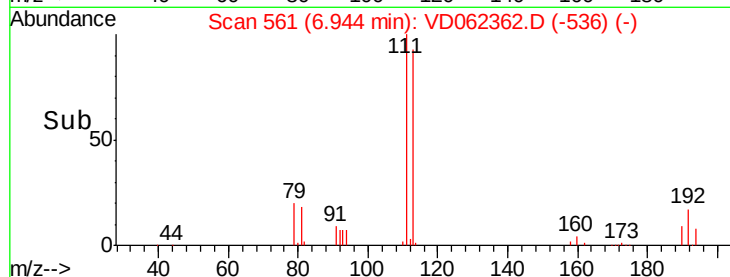
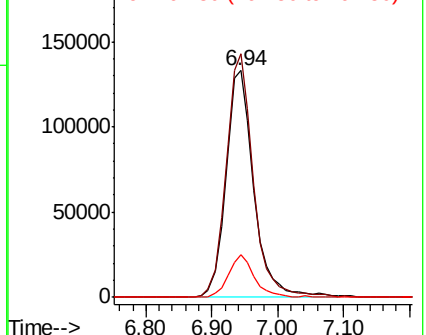
192 18.6 13.0 19.4



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: 7.425 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.06 min

Lab File: VD062362.D

Acq: 14 May 2019 23:24

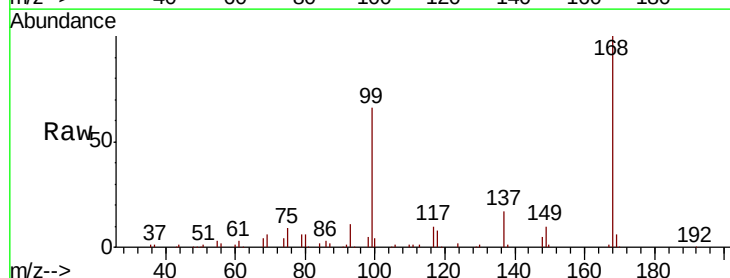
Tgt Ion: 75 Resp: 50767

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.1#

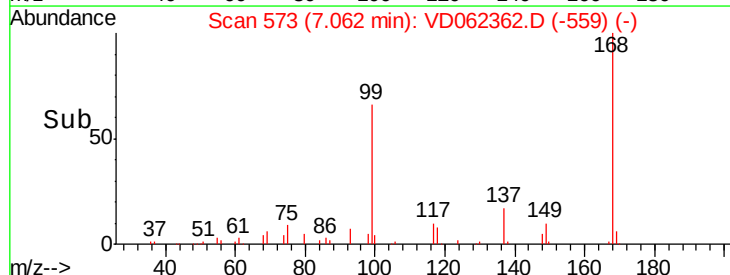
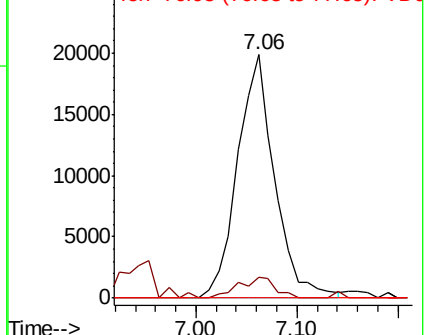
77 0.0 25.6 38.4#

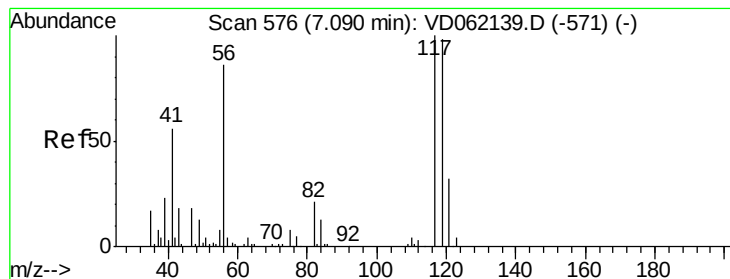


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 7.097 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062362.D

Acq: 14 May 2019 23:24

Instrument :

MSVOA_D

ClientSampleId :

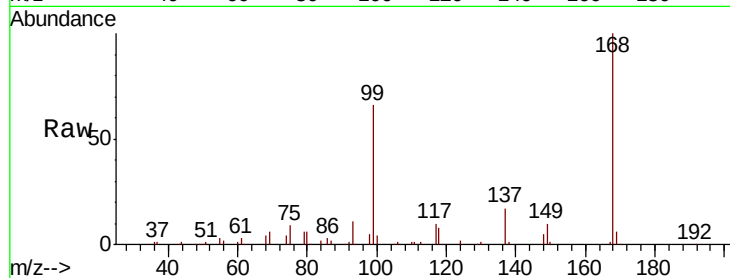
Tot Ion:117 Resp: 67160

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

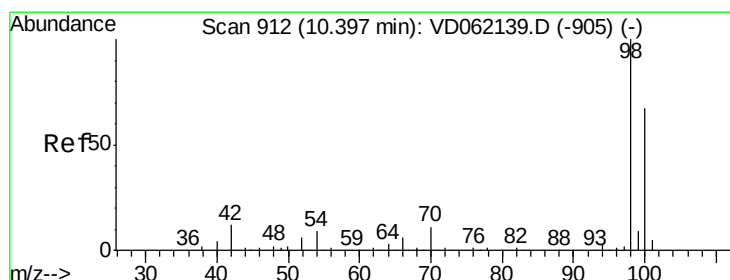
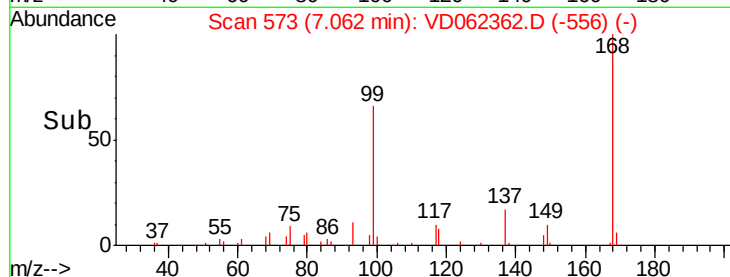
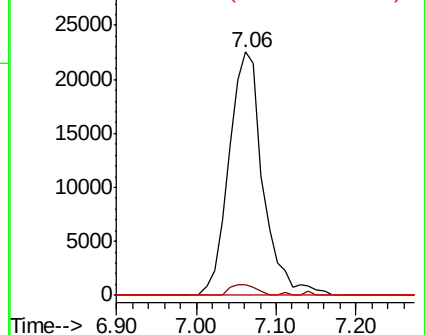
121 0.0 25.9 38.9#



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: 48.719 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062362.D

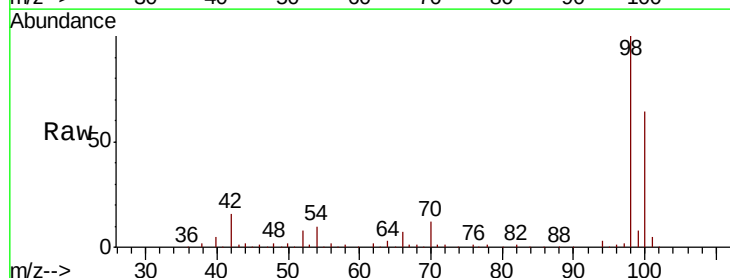
Acq: 14 May 2019 23:24

Tgt Ion: 98 Resp: 812776

Ion Ratio Lower Upper

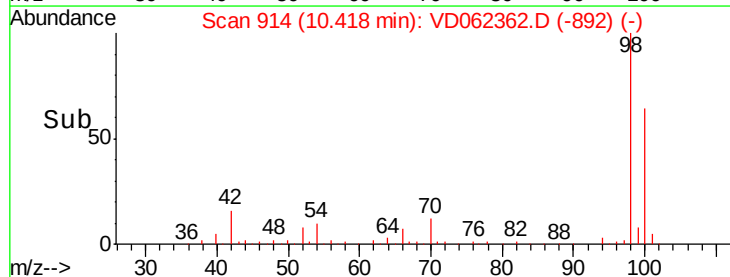
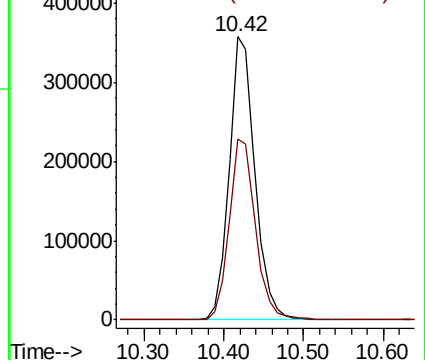
98 100

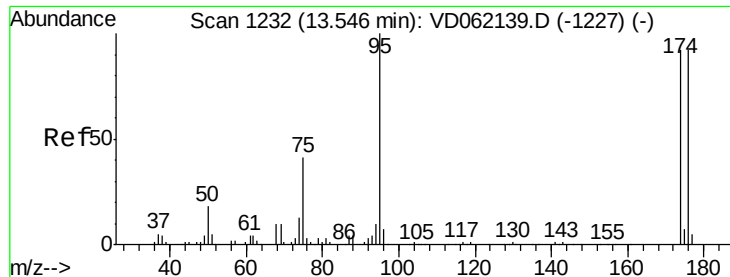
100 63.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

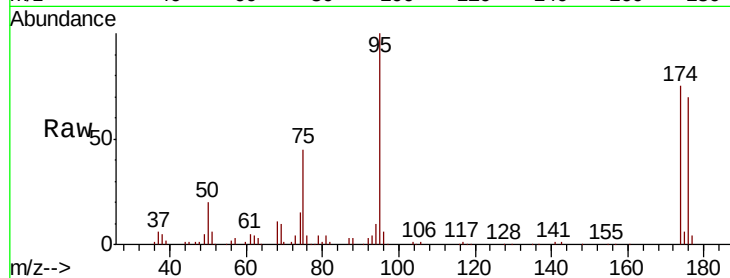




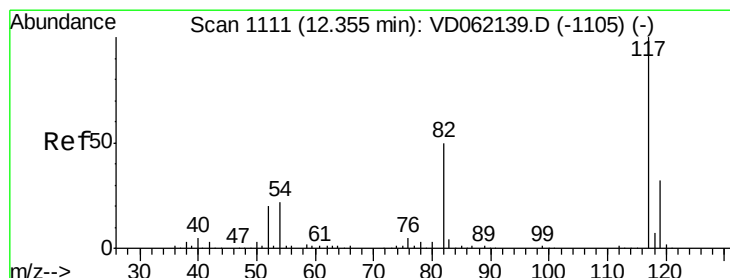
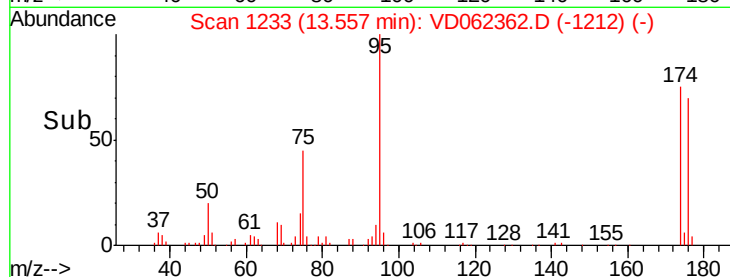
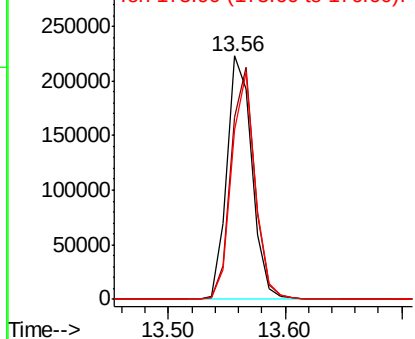
#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 331471
Ion Ratio Lower Upper
95 100
174 75.1 0.0 181.8
176 69.5 0.0 174.4

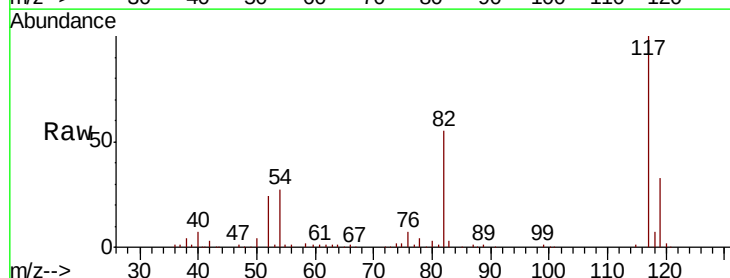


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

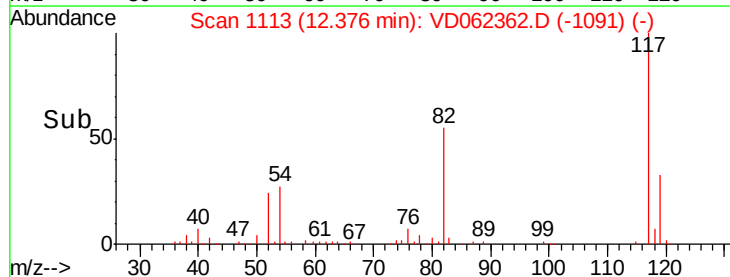
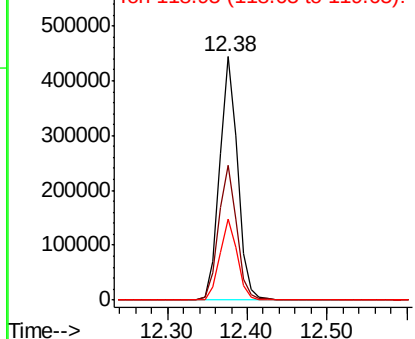


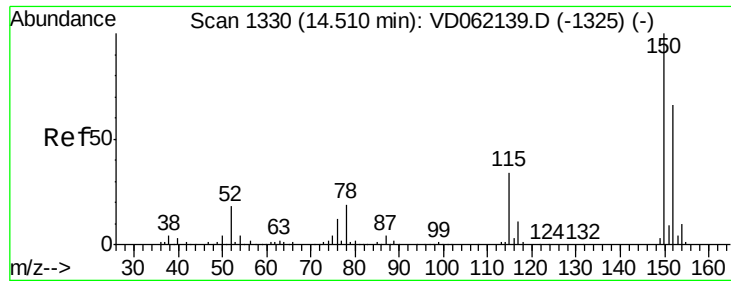
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062362.D
Acq: 14 May 2019 23:24

Tgt Ion: 117 Resp: 713022
Ion Ratio Lower Upper
117 100
82 55.2 36.2 54.2#
119 33.1 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: VD062362.D

Acq: 14 May 2019 23:24

Instrument :

MSVOA_D

ClientSampleId :

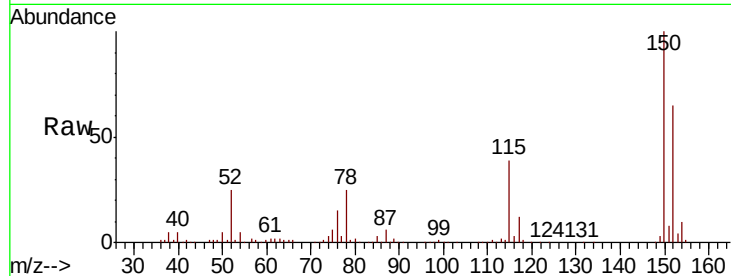
Tot Ion:152 Resp: 404489

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.7

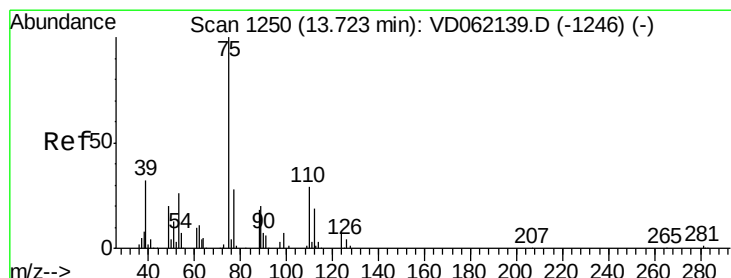
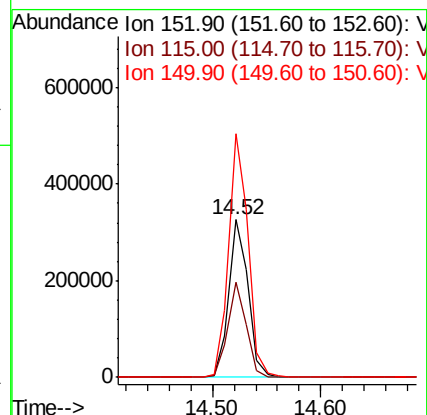
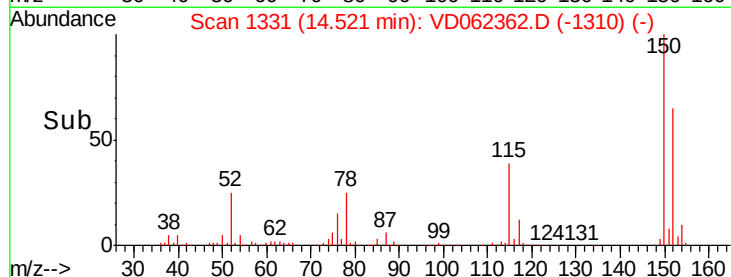
150 154.8 0.0 314.8



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: 25.316 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062362.D

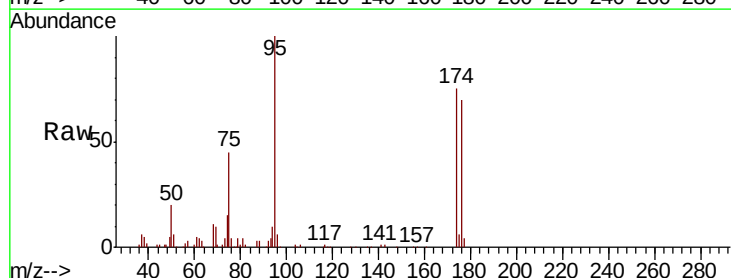
Acq: 14 May 2019 23:24

Tgt Ion: 75 Resp: 121694

Ion Ratio Lower Upper

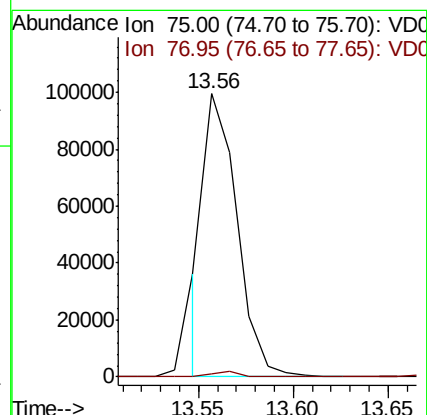
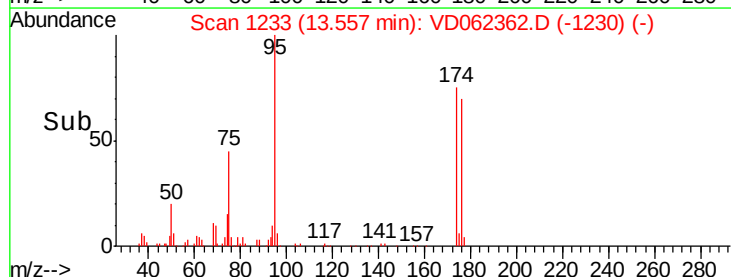
75 100

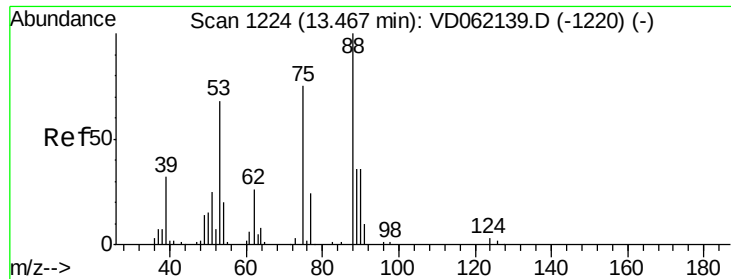
77 0.9 16.4 49.4#



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: 106.332 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062362.D

Acq: 14 May 2019 23:24

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 144298

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

