

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062446.D
 Acq On : 17 May 2019 18:38
 Operator : FY/SY
 Sample : K2905-02
 Misc : 4.99g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:05:46 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	471679	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	731653	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	607595	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	338953	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	189408	43.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.42%	
35) Dibromofluoromethane	6.93	113	228660	37.67	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.34%	
50) Toluene-d8	10.42	98	449629	30.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.44%	
62) 4-Bromofluorobenzene	13.56	95	213873	36.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.78%	

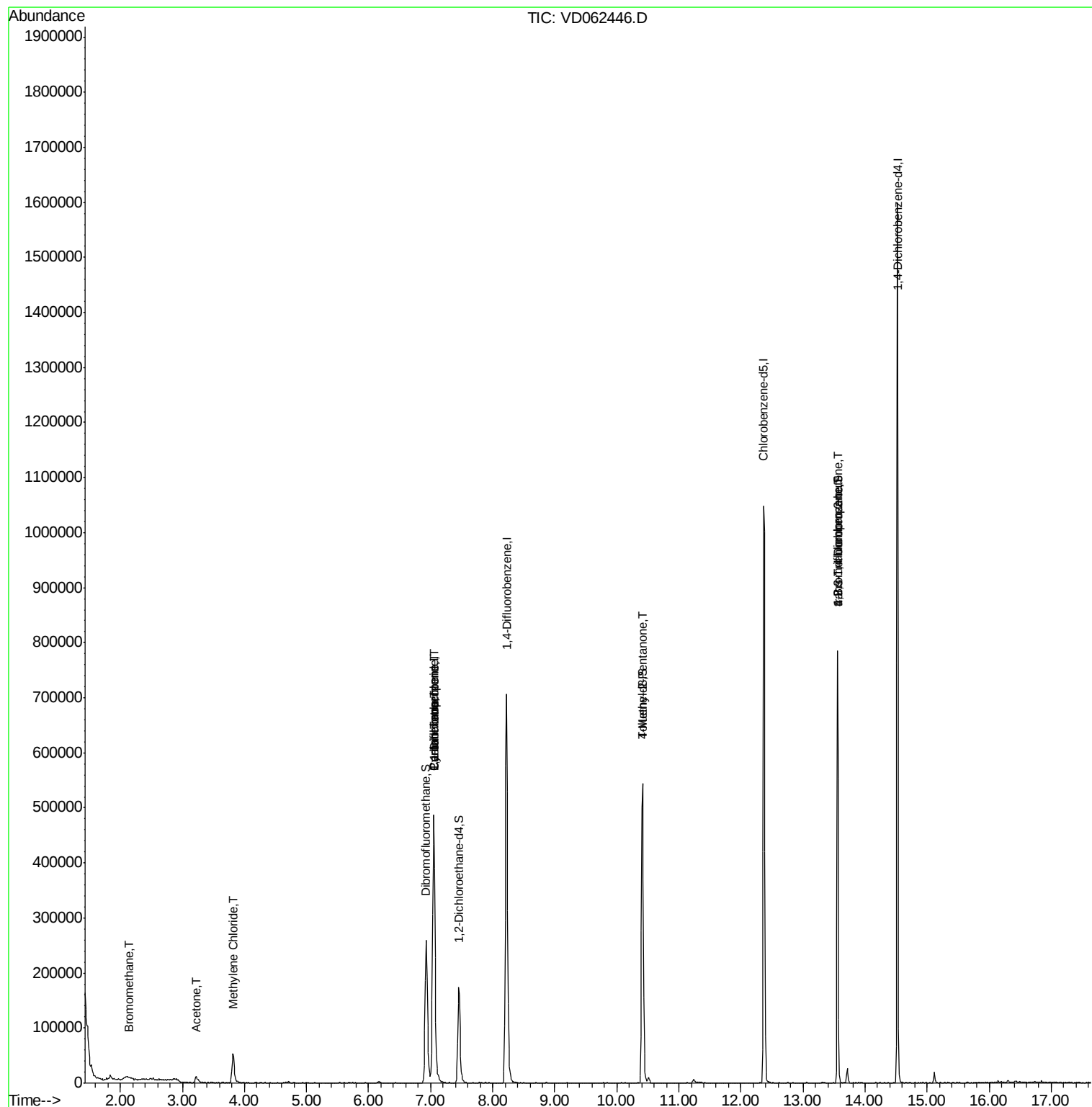
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	1470	1.958	ug/l #	12
16) Acetone	3.22	43	20286	22.068	ug/l #	84
20) Methylene Chloride	3.81	84	34457	8.977	ug/l	94
31) Cyclohexane	7.04	56	9127	1.985	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	35010	5.836	ug/l #	46
38) Carbon Tetrachloride	7.05	117	47264	5.692	ug/l #	16
51) 4-Methyl-2-Pentanone	10.42	43	2327	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	74623	18.525	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.56	75	93515	82.234	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051719\
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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 18 00:05:46 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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

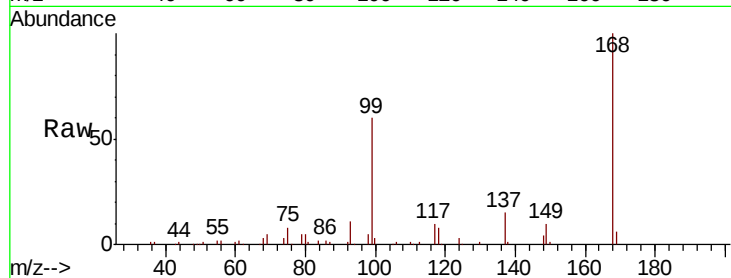
ClientSampleId :

Tot Ion:168 Resp: 471679

Ion Ratio Lower Upper

168 100

99 60.5 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

150000

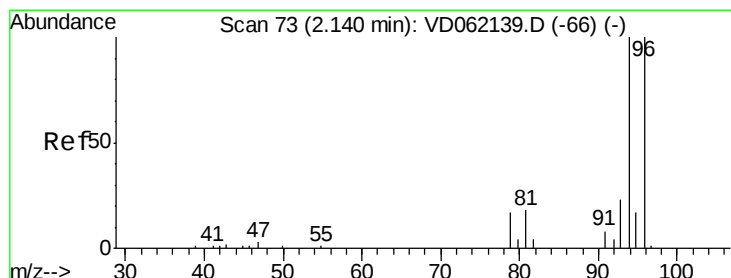
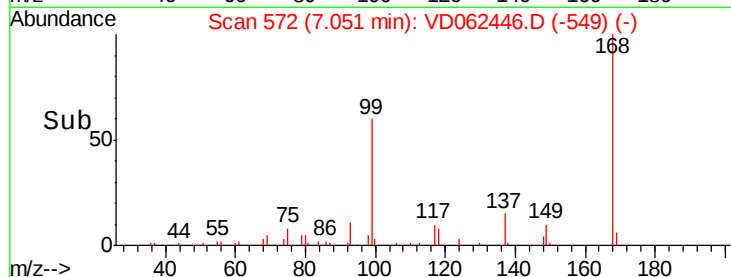
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#5

Bromomethane

Concen: 1.958 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

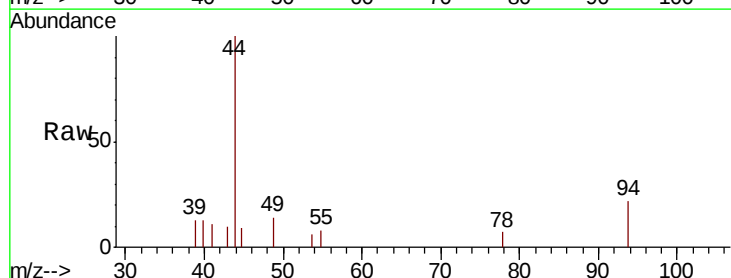
Tgt Ion: 94 Resp: 1470

Ion Ratio Lower Upper

94 100

96 0.0 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

1500

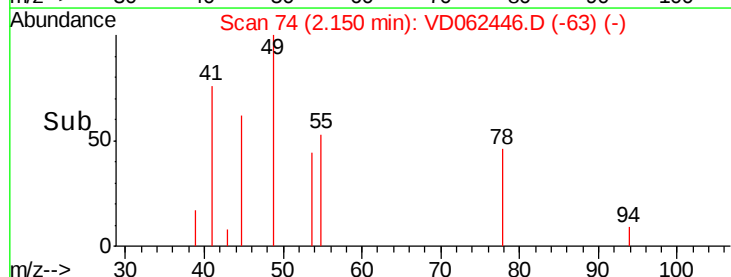
1000

500

0

2.10 2.15 2.20

Time-->





#16

Acetone

Concen: 22.068 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

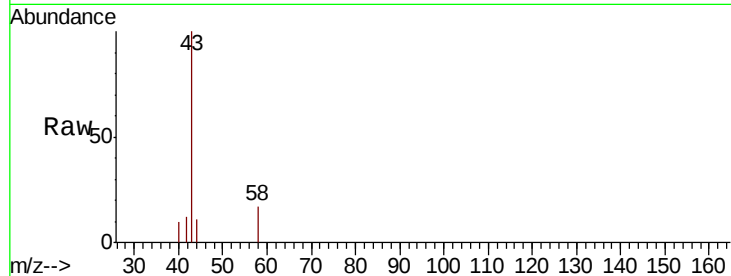
ClientSampleId :

Tot Ion: 43 Resp: 20286

Ion Ratio Lower Upper

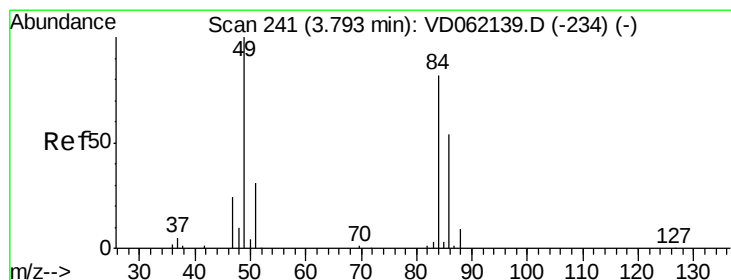
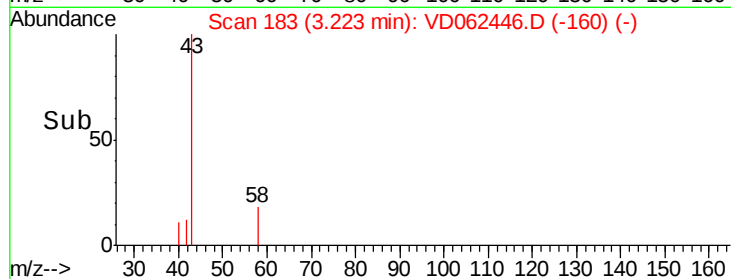
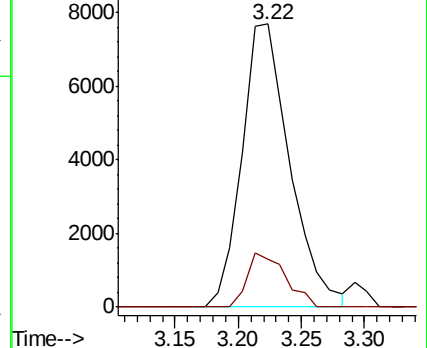
43 100

58 17.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 8.977 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Tgt Ion: 84 Resp: 34457

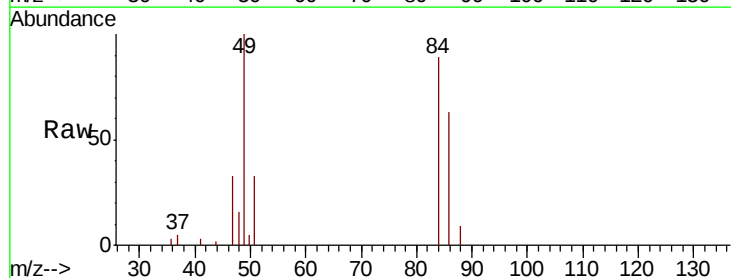
Ion Ratio Lower Upper

84 100

49 112.7 94.0 141.0

51 37.3 29.0 43.4

86 70.8 49.8 74.6

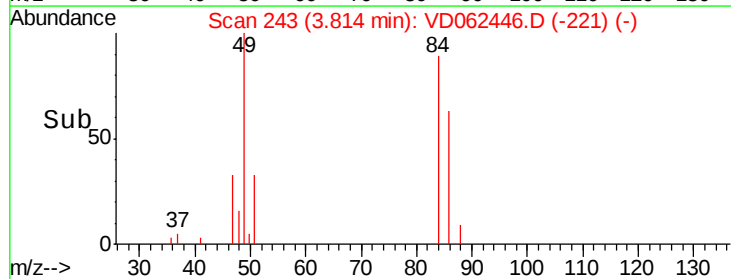
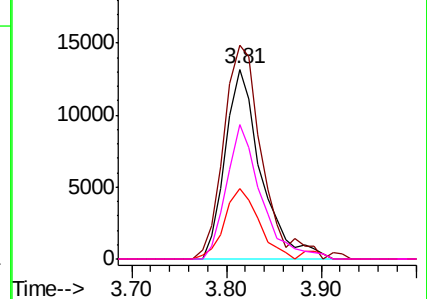


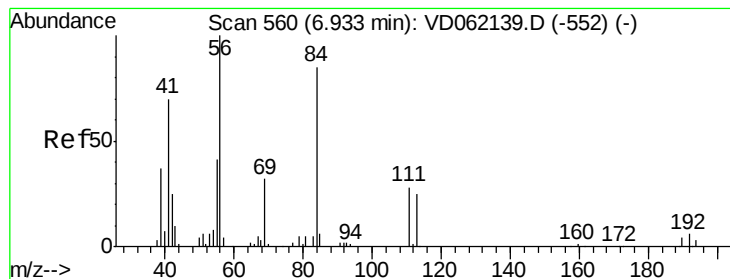
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cvclohexane

Concen: 1.985 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.11 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

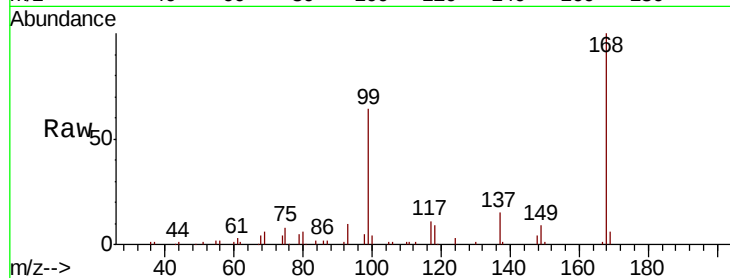
Tot Ion: 56 Resp: 9127

Ion Ratio Lower Upper

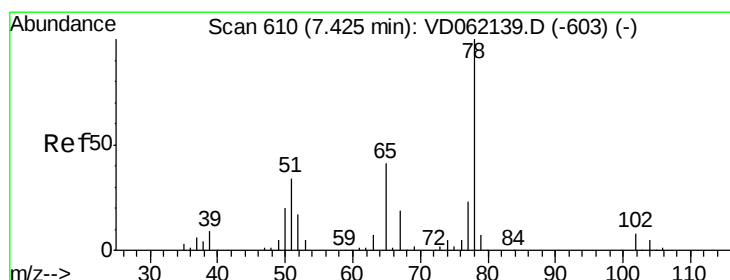
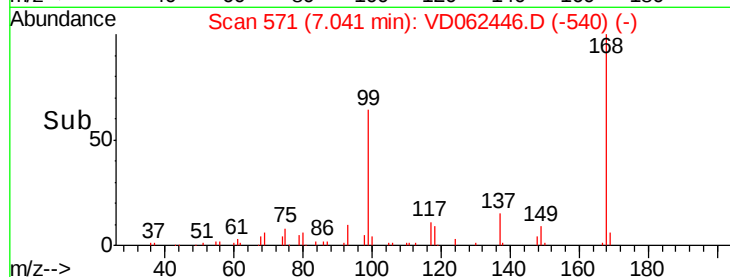
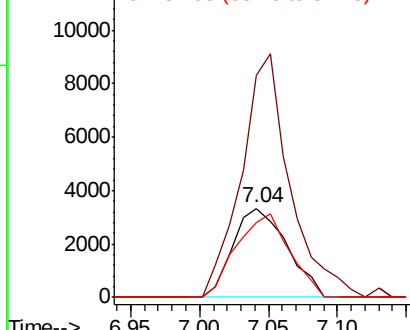
56 100

69 249.8 25.8 38.6#

84 83.6 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: 43.211 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062446.D

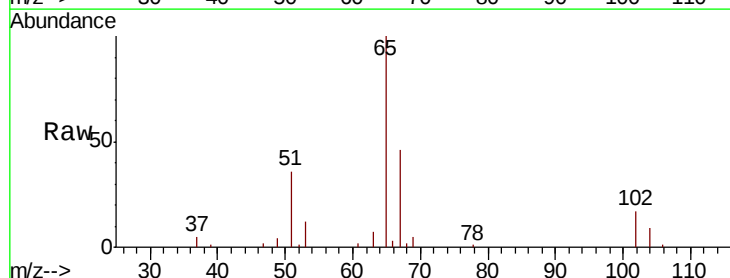
Acq: 17 May 2019 18:38

Tgt Ion: 65 Resp: 189408

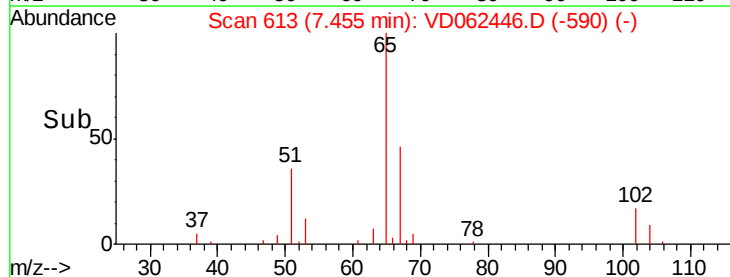
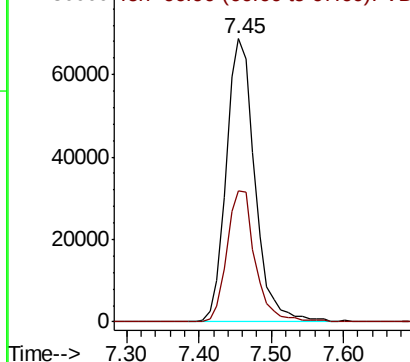
Ion Ratio Lower Upper

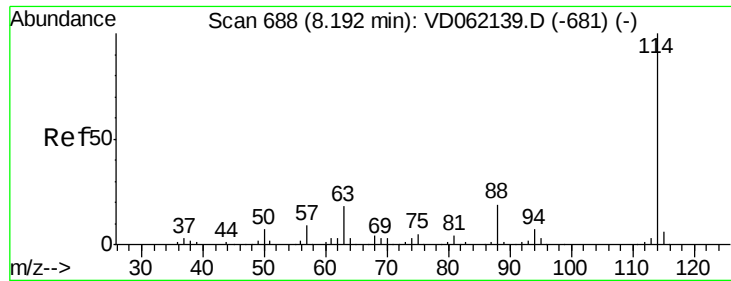
65 100

67 46.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

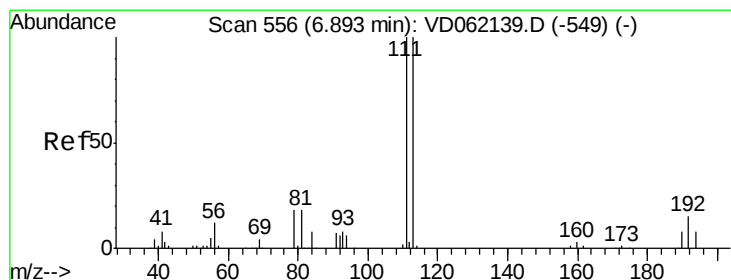
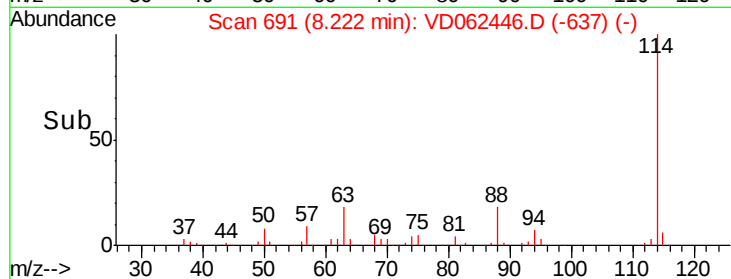
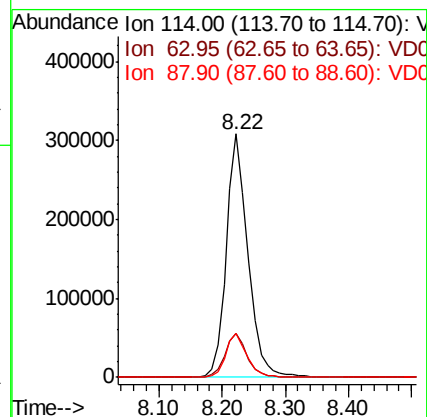
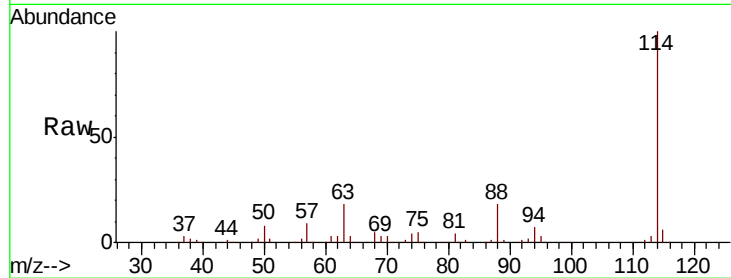




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062446.D
 Acq: 17 May 2019 18:38

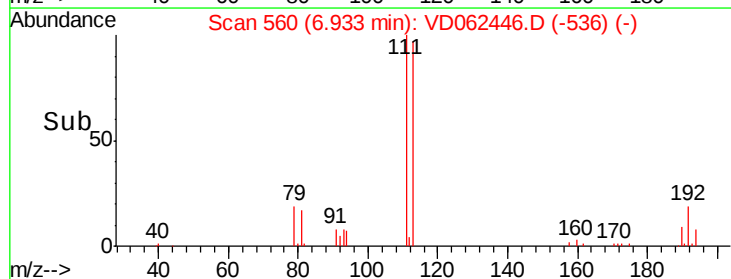
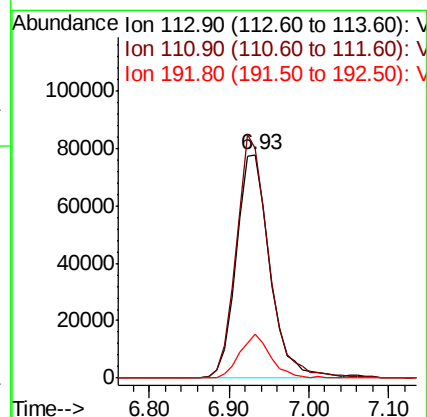
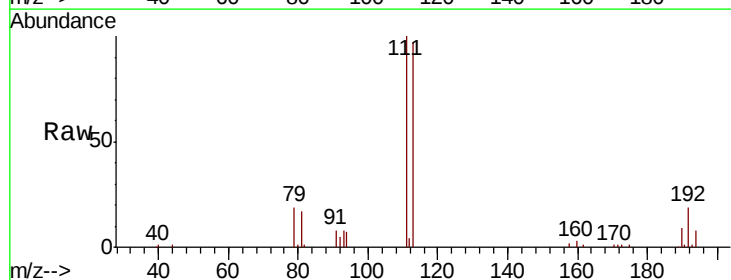
Instrument :
 MSVOA_D
 ClientSampleId :

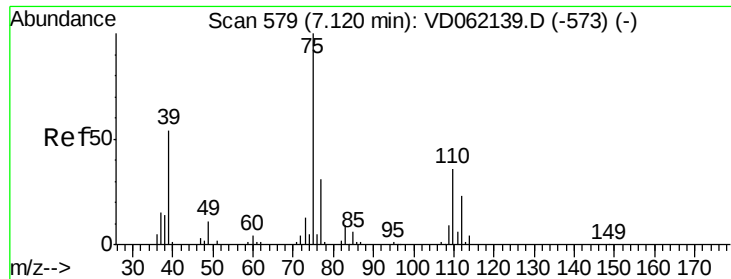
Tot Ion:114 Resp: 731653
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 17.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 37.667 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062446.D
 Acq: 17 May 2019 18:38

Tgt Ion:113 Resp: 228660
 Ion Ratio Lower Upper
 113 100
 111 102.7 78.5 117.7
 192 19.8 13.0 19.4#





#36

1,1-Dichloropropene

Concen: 5.836 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.07 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

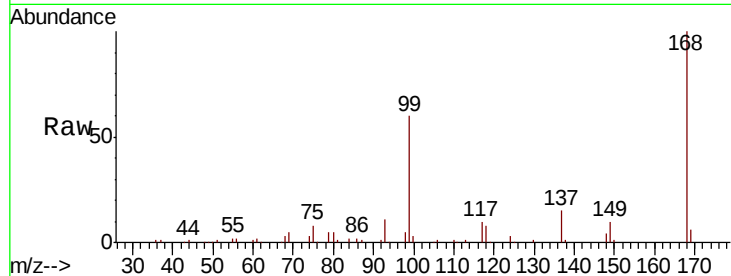
Tot Ion: 75 Resp: 35010

Ion Ratio Lower Upper

75 100

110 7.1 19.1 57.1#

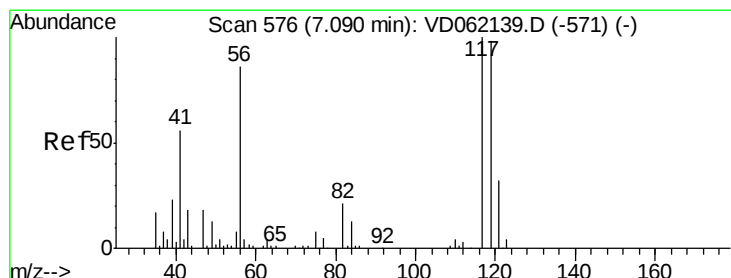
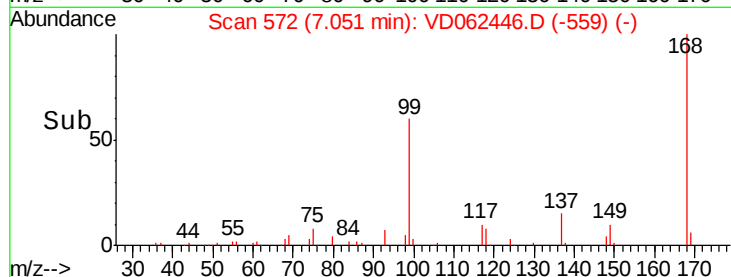
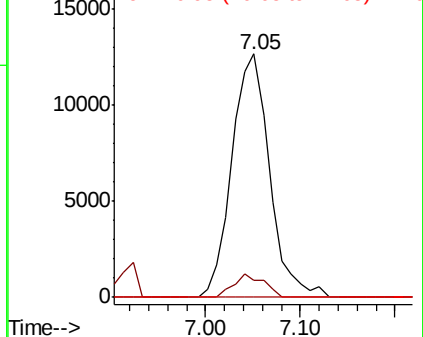
77 0.0 25.6 38.4#



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: 5.692 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

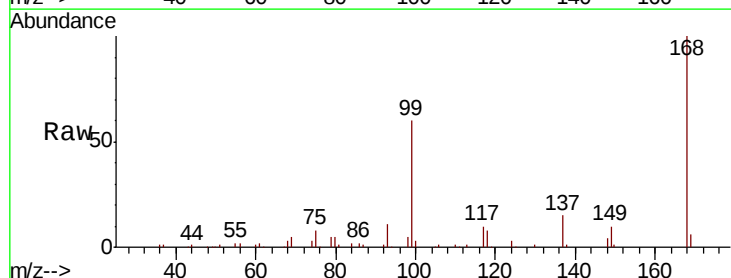
Tgt Ion: 117 Resp: 47264

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

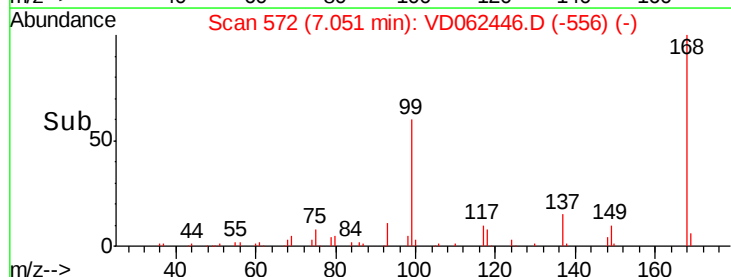
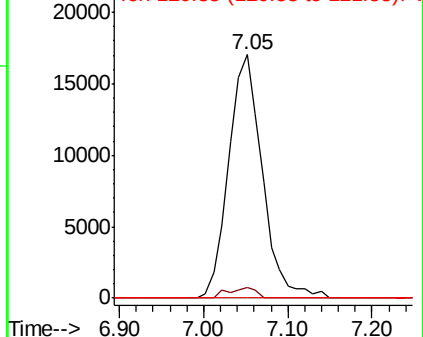
121 0.0 25.9 38.9#

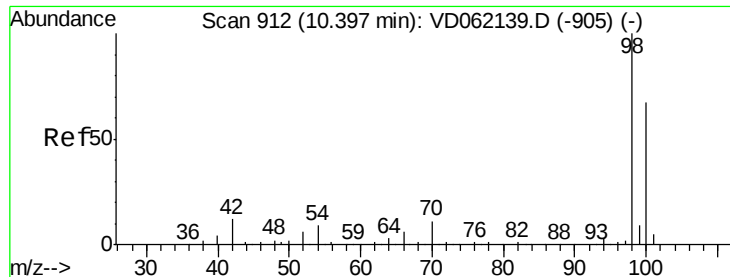


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

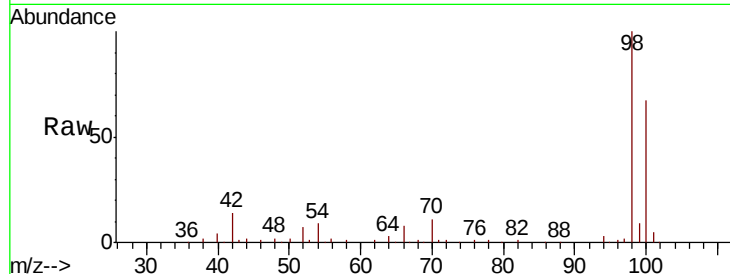




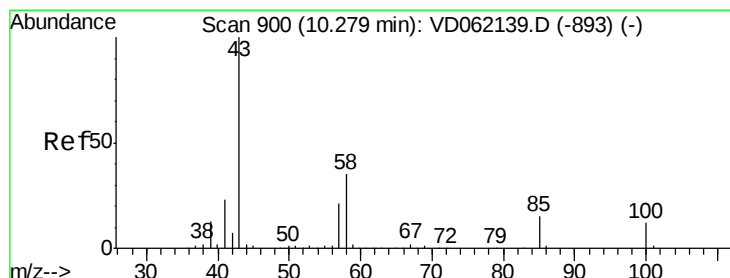
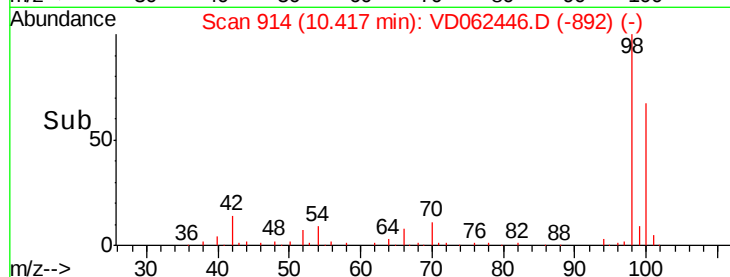
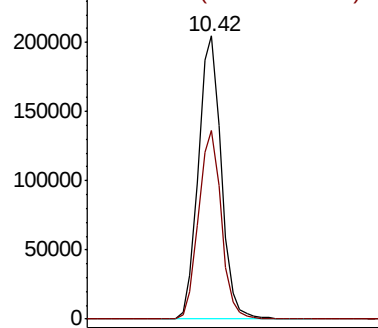
#50
Toluene-d8
Concen: 30.719 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 449629
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.8

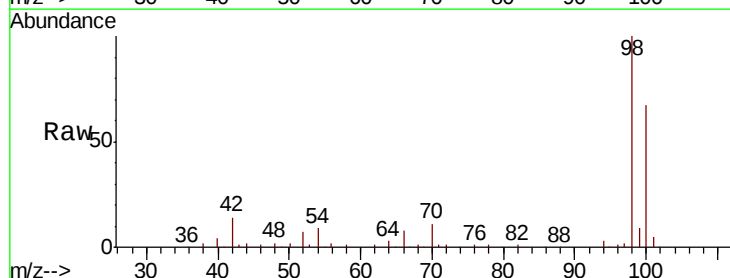


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

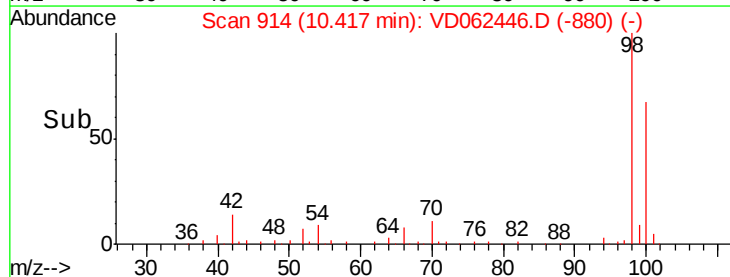
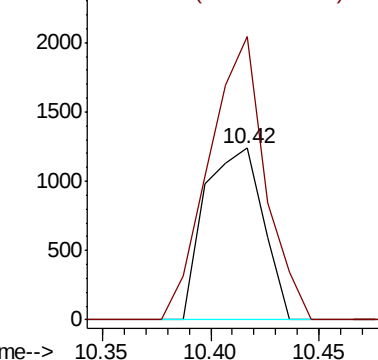


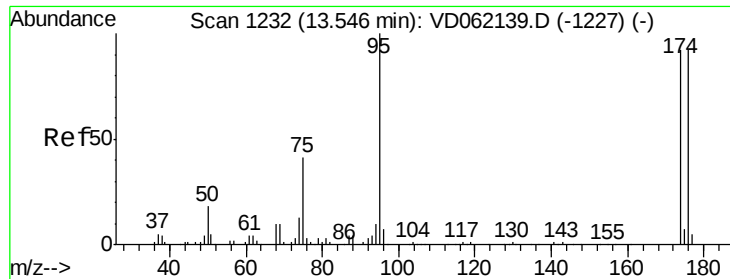
#51
4-Methyl-2-Pentanone
Concen: 1.003 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.14 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
58 164.6 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD0
Ion 57.95 (57.65 to 58.65): VD0

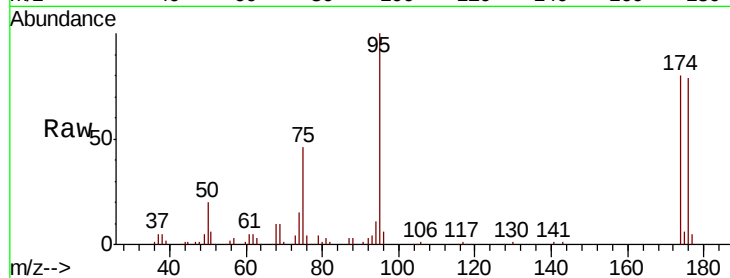




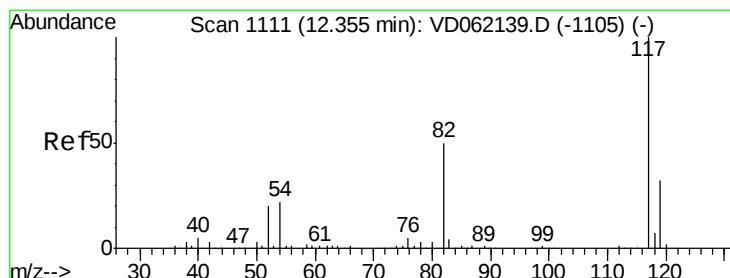
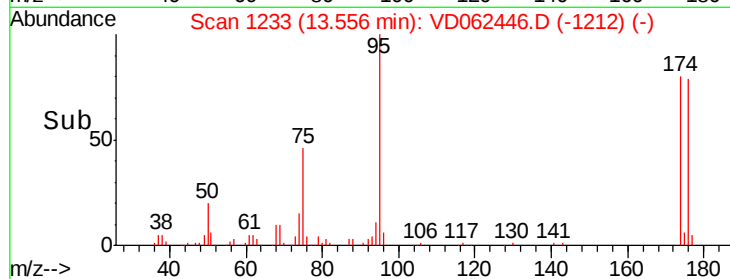
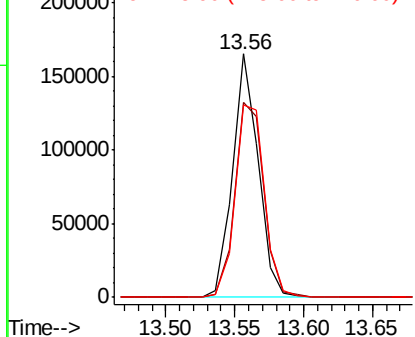
#62
4-Bromofluorobenzene
Concen: 36.388 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 213873
Ion Ratio Lower Upper
95 100
174 80.3 0.0 181.8
176 78.9 0.0 174.4

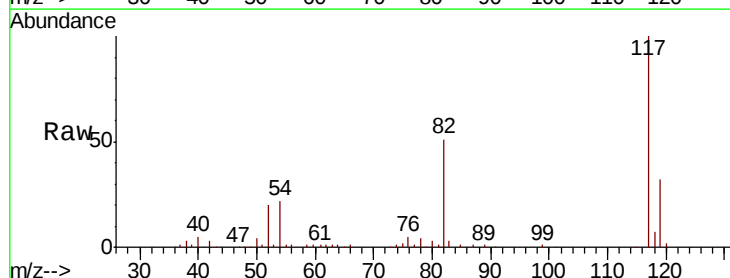


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

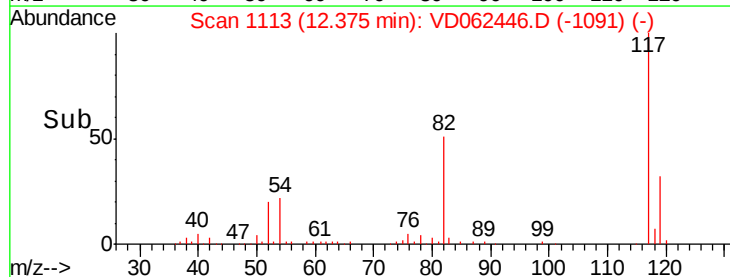
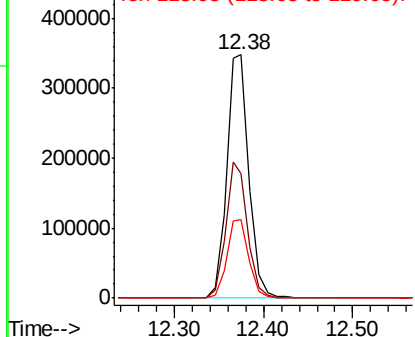


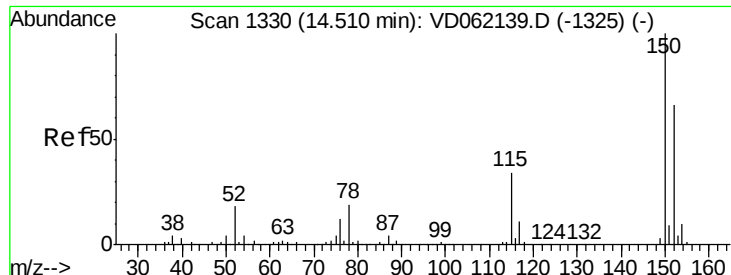
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Tgt Ion: 117 Resp: 607595
Ion Ratio Lower Upper
117 100
82 51.3 36.2 54.2
119 32.3 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: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

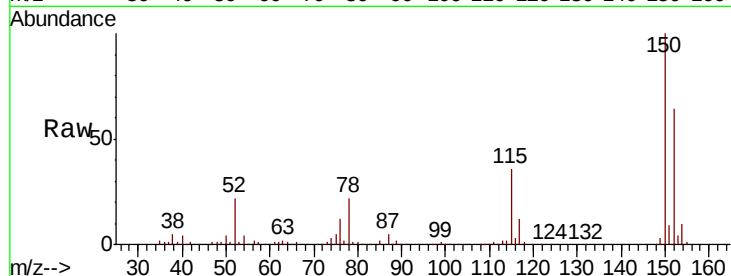
Tot Ion:152 Resp: 338953

Ion Ratio Lower Upper

152 100

115 57.1 30.9 92.7

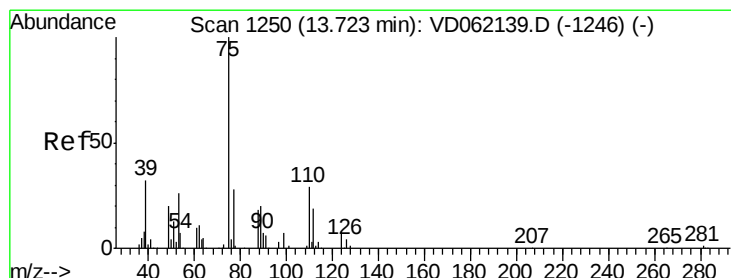
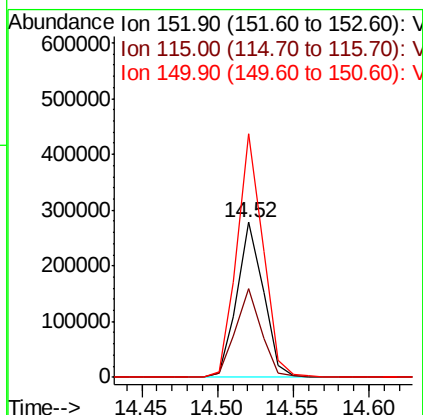
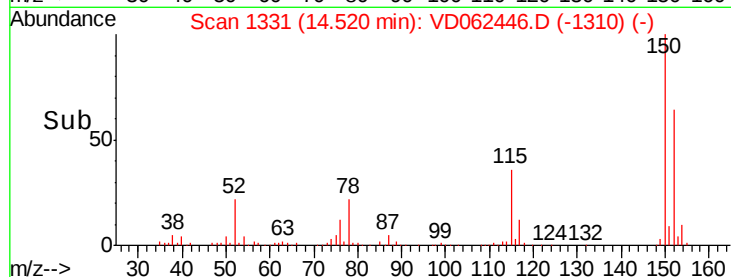
150 157.3 0.0 314.8



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: 18.525 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062446.D

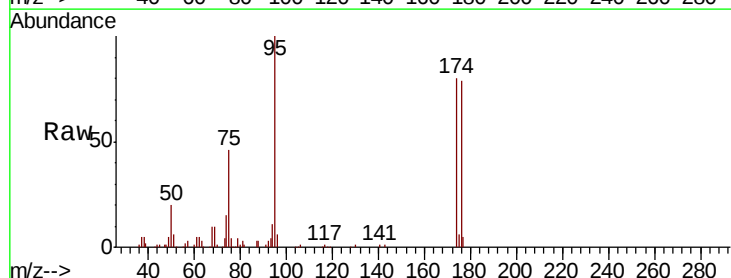
Acq: 17 May 2019 18:38

Tgt Ion: 75 Resp: 74623

Ion Ratio Lower Upper

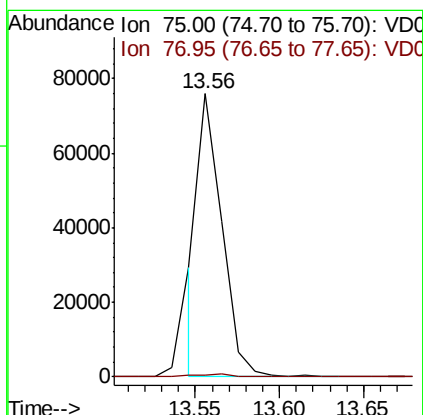
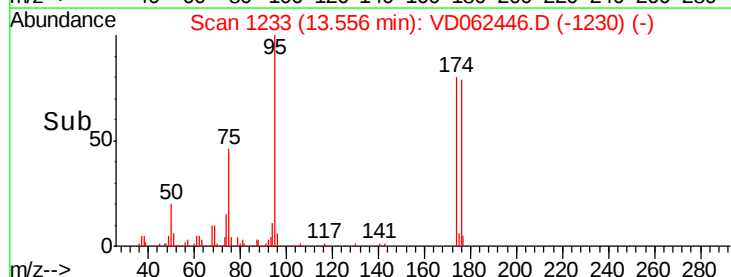
75 100

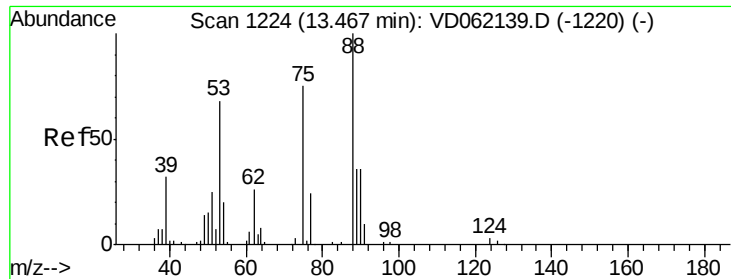
77 0.7 16.4 49.4#



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: 82.234 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

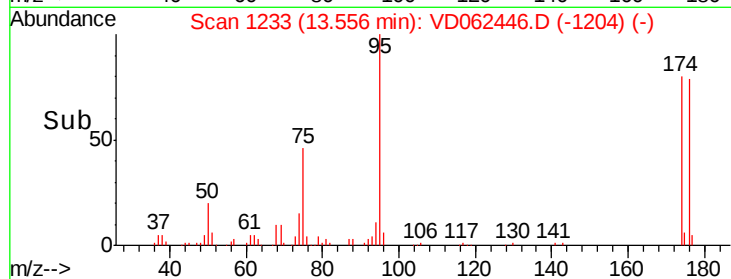
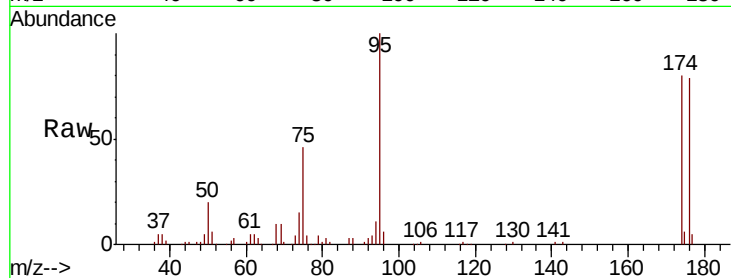
Tot Ion: 75 Resp: 93515

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

