

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062472.D
 Acq On : 20 May 2019 22:40
 Operator : FY/SY
 Sample : K2641-11
 Misc : 6.37g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-051719

Quant Time: May 21 03:42:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	665094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	959055	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	677996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	329636	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	225128	31.62	ug/l	0.00
Spiked Amount			Recovery	=	63.24%	
35) Dibromofluoromethane	6.94	113	291411	33.68	ug/l	0.00
Spiked Amount			Recovery	=	67.36%	
50) Toluene-d8	10.42	98	606381	32.03	ug/l	0.00
Spiked Amount			Recovery	=	64.06%	
62) 4-Bromofluorobenzene	13.56	95	255276	30.82	ug/l	0.00
Spiked Amount			Recovery	=	61.64%	

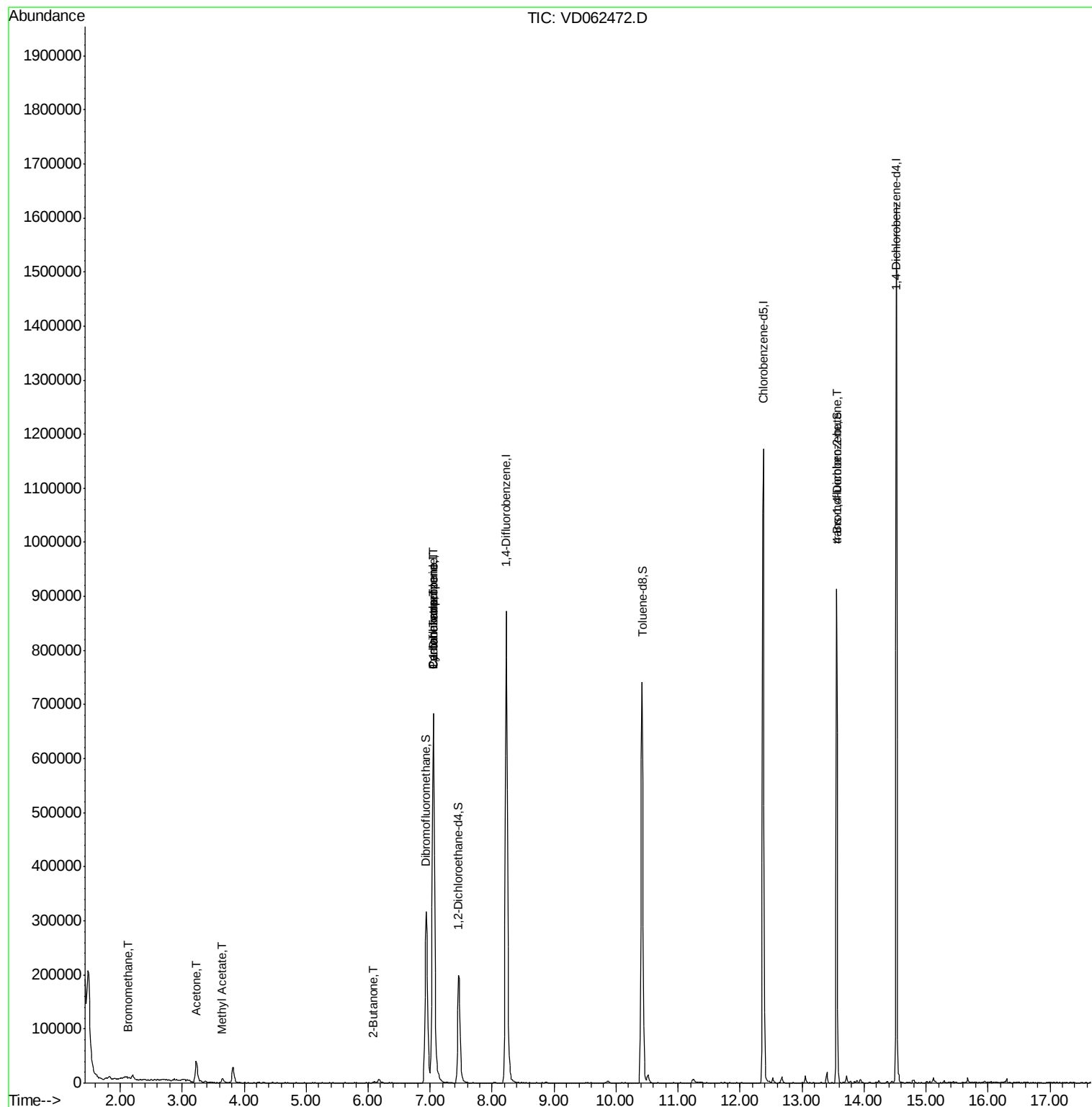
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	2443	1.168	ug/l #	12
16) Acetone	3.23	43	80703	63.258	ug/l #	84
18) Methyl Acetate	3.65	43	13846	6.289	ug/l #	90
20) Methylene Chloride	3.83	84	18007	Below Cal		89
25) 2-Butanone	6.08	43	4090	3.065	ug/l #	56
31) Cyclohexane	7.05	56	13358	1.987	ug/l #	24
36) 1,1-Dichloropropene	7.06	75	51191	5.583	ug/l #	46
38) Carbon Tetrachloride	7.05	117	66210	4.859	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	106009	96.809	ug/l #	16

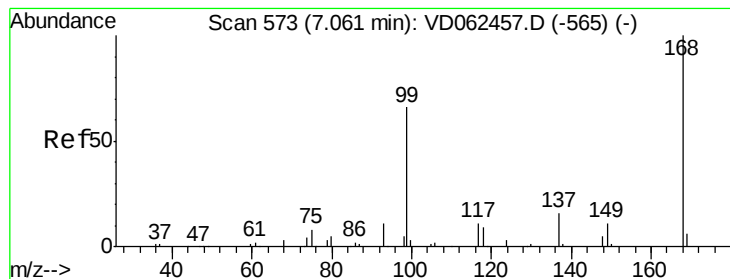
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052019\
Data File : VD062472.D
Acq On : 20 May 2019 22:40
Operator : FY/SY
Sample : K2641-11
Misc : 6.37g/5mL/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051719

Quant Time: May 21 03:42:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

Instrument :

MSVOA_D

ClientSampleId :

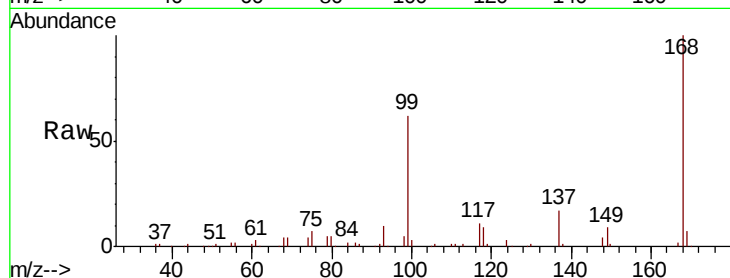
CL-02-051719

Tot Ion:168 Resp: 665094

Ion Ratio Lower Upper

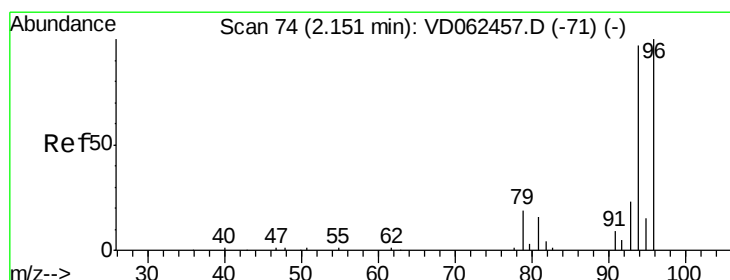
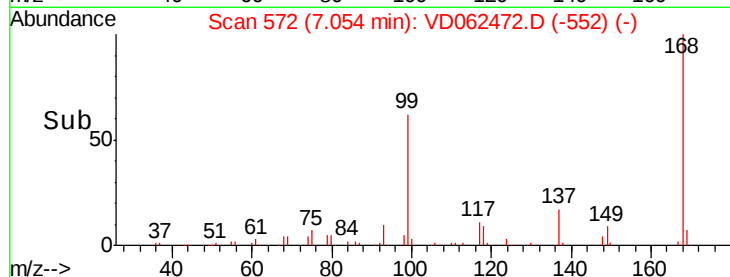
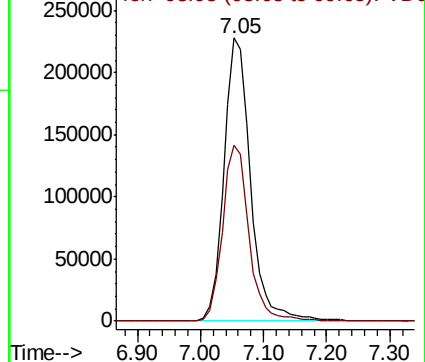
168 100

99 62.1 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: 1.168 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

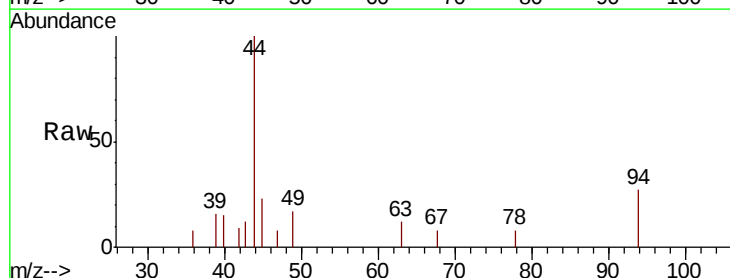
Tgt Ion: 94 Resp: 2443

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

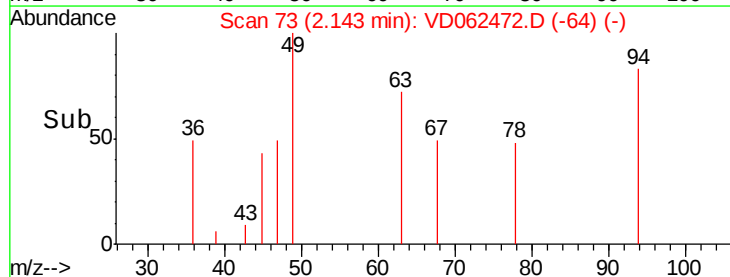
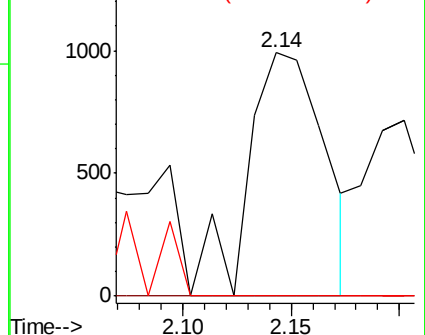
93 0.0 18.5 27.7#

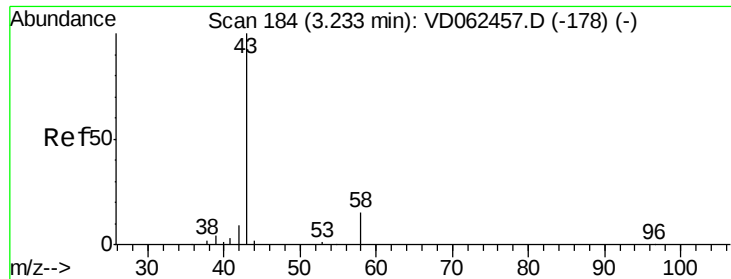


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 63.258 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

Instrument :

MSVOA_D

ClientSampleId :

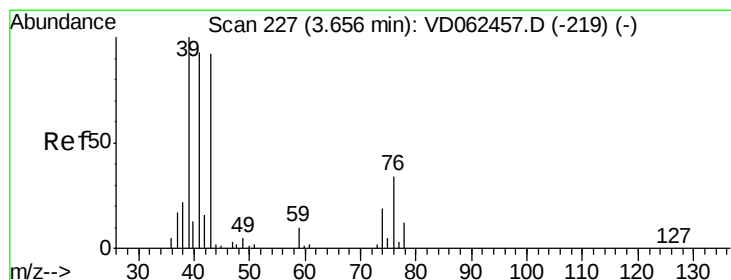
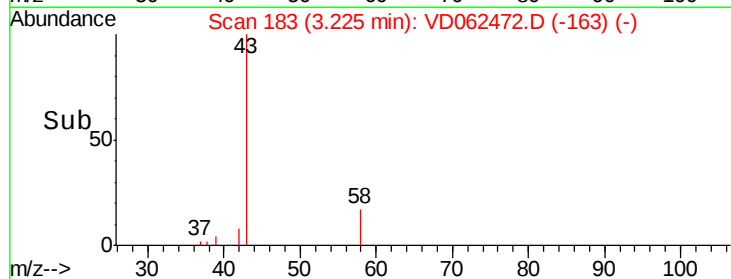
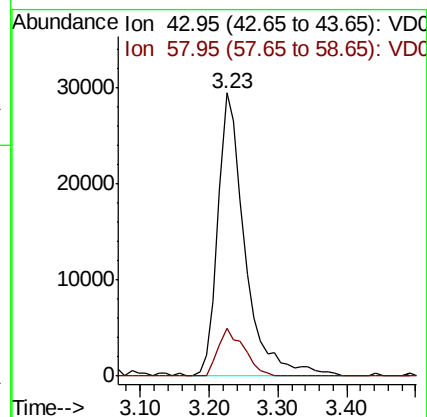
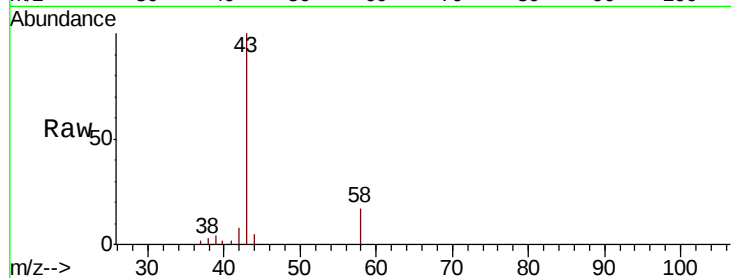
CL-02-051719

Tot Ion: 43 Resp: 80703

Ion Ratio Lower Upper

43 100

58 16.9 19.9 29.9#



#18

Methyl Acetate

Concen: 6.289 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.01 min

Lab File: VD062472.D

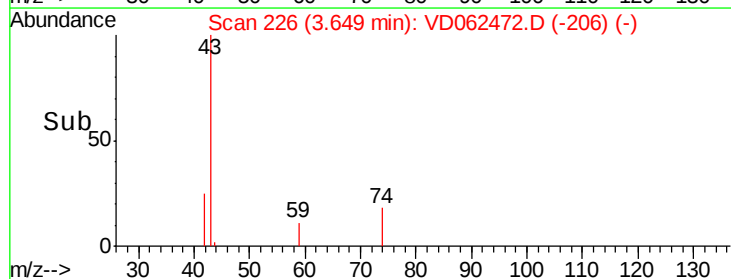
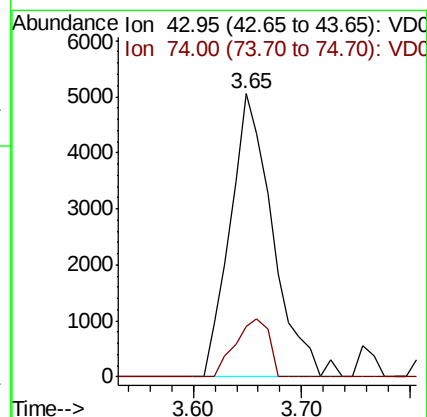
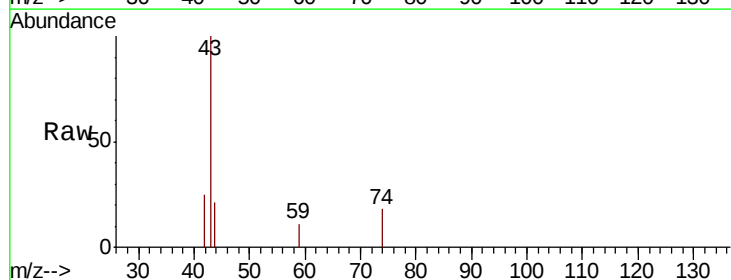
Acq: 20 May 2019 22:40

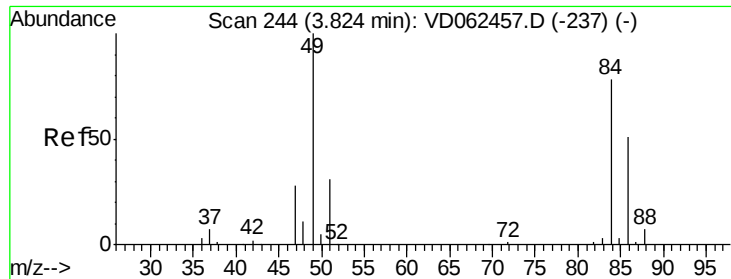
Tgt Ion: 43 Resp: 13846

Ion Ratio Lower Upper

43 100

74 17.8 18.0 27.0#

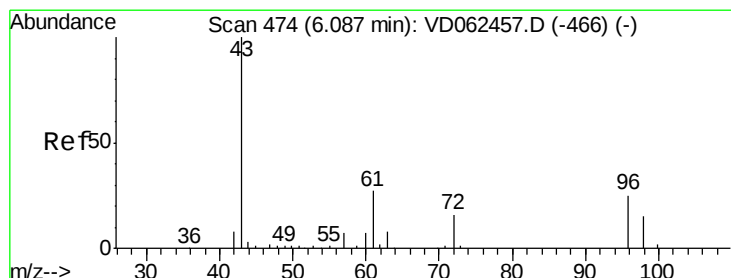
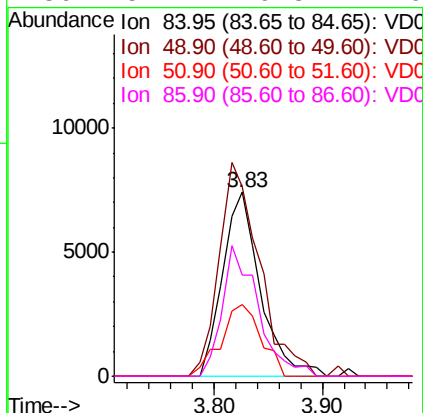
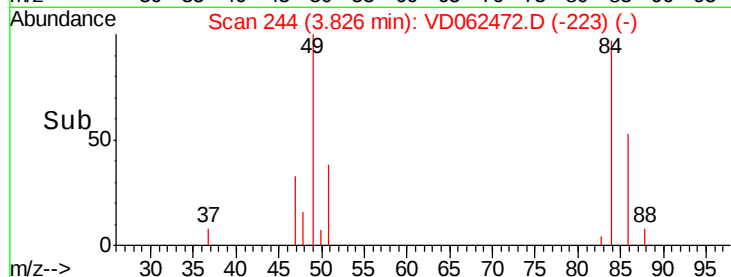
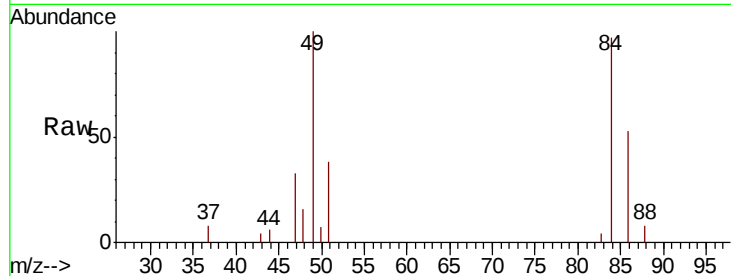




#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

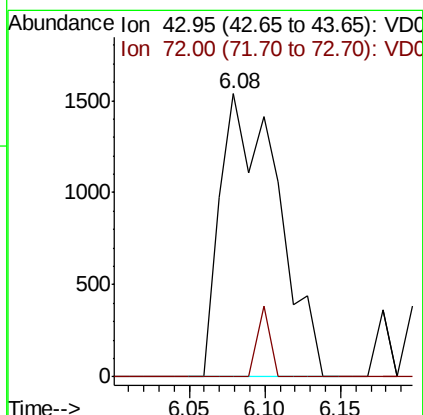
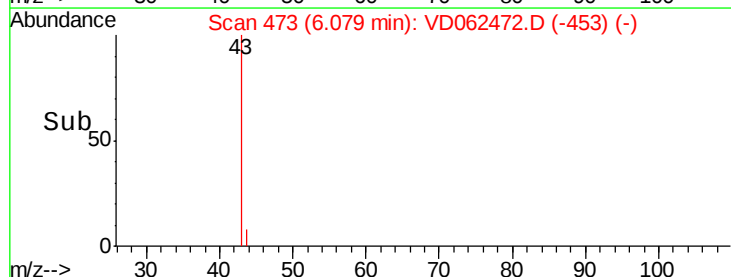
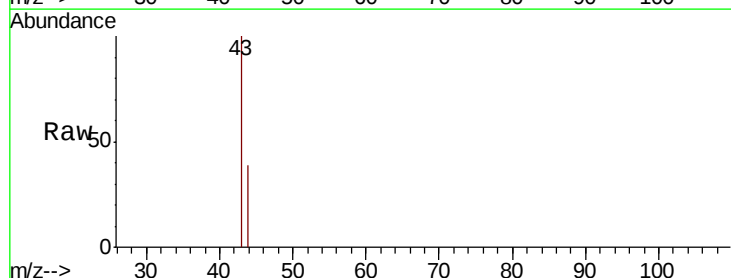
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051719

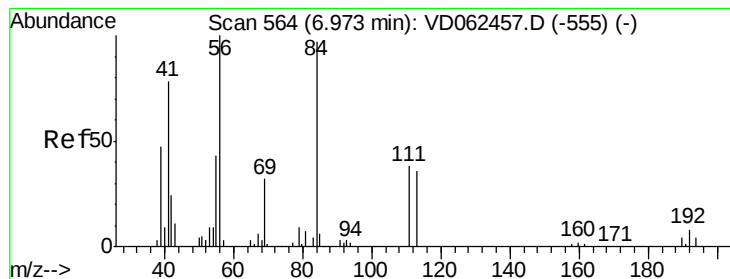
Tot Ion: 84 Resp: 18007
Ion Ratio Lower Upper
84 100
49 102.8 94.0 141.0
51 38.6 29.0 43.4
86 54.7 49.8 74.6



#25
2-Butanone
Concen: 3.065 ug/l
RT: 6.08 min Scan# 473
Delta R.T. -0.01 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

Tgt Ion: 43 Resp: 4090
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#





#31

Cvclohexane

Concen: 1.987 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.08 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

Instrument :

MSVOA_D

ClientSampleId :

CL-02-051719

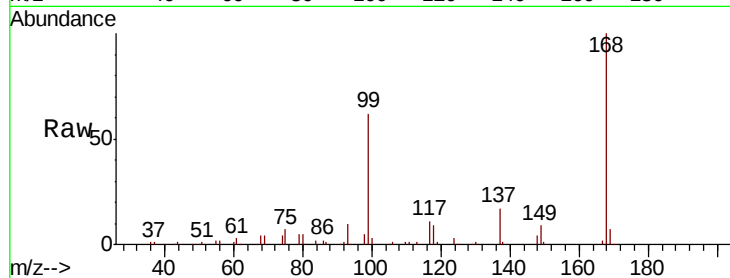
Tot Ion: 56 Resp: 13358

Ion Ratio Lower Upper

56 100

69 185.4 25.8 38.6#

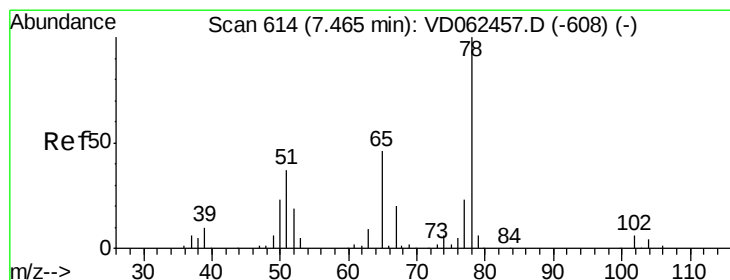
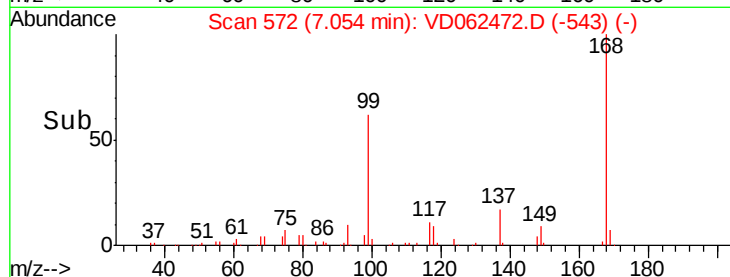
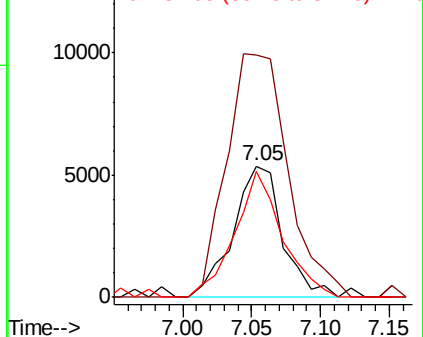
84 96.0 72.2 108.4



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: 31.622 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062472.D

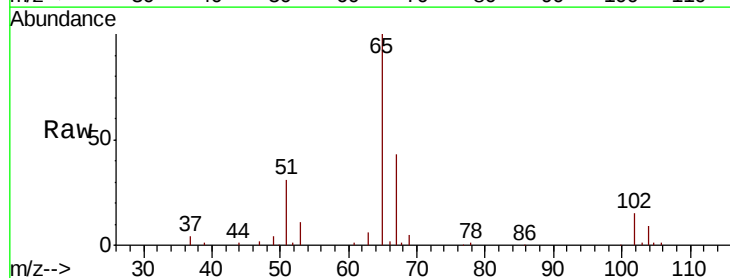
Acq: 20 May 2019 22:40

Tgt Ion: 65 Resp: 225128

Ion Ratio Lower Upper

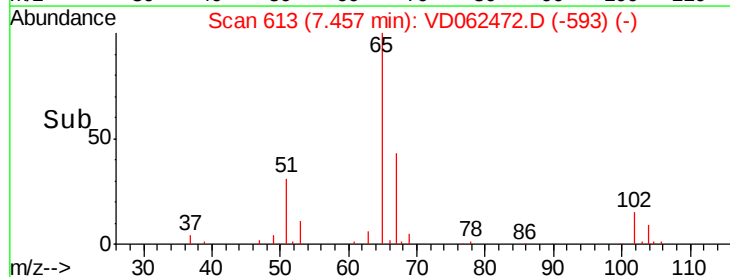
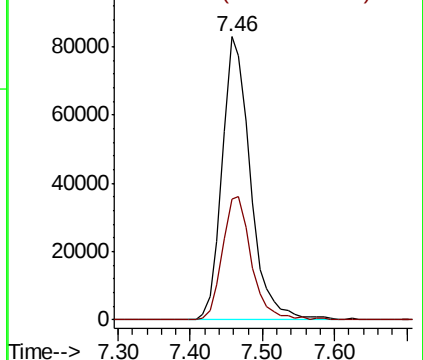
65 100

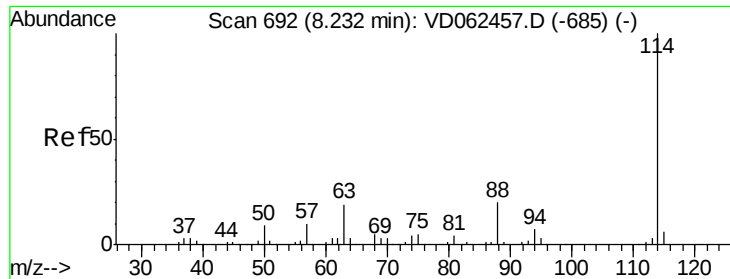
67 42.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

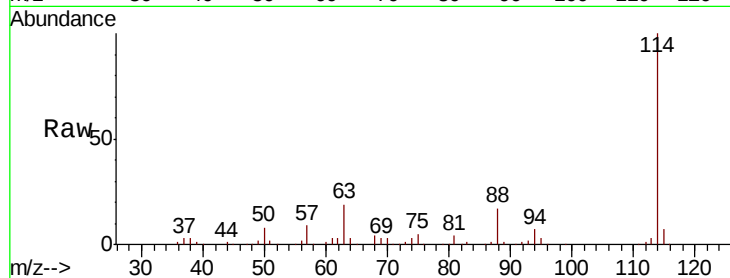




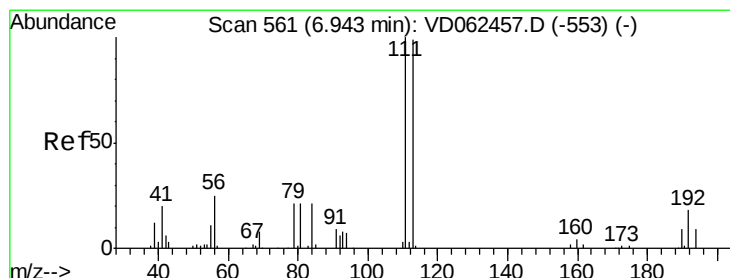
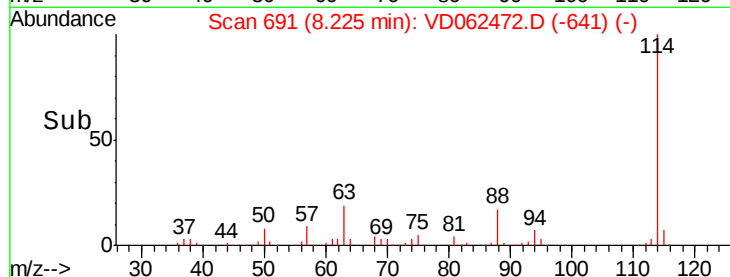
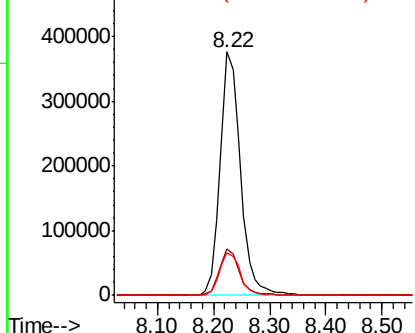
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD062472.D
 Acq: 20 May 2019 22:40

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-051719

Tot Ion:114 Resp: 959055
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 32.4
 88 17.4 0.0 33.6

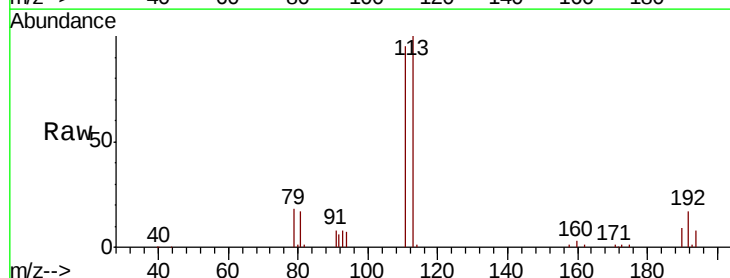


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

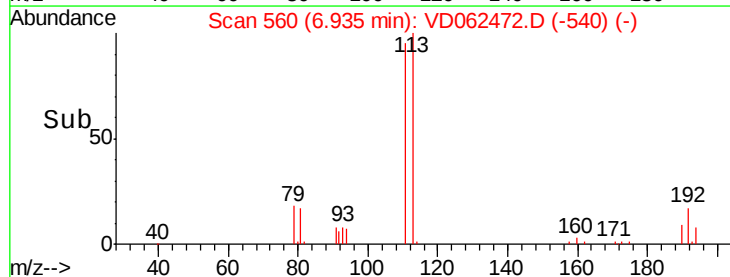
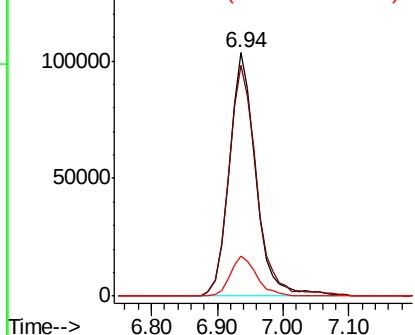


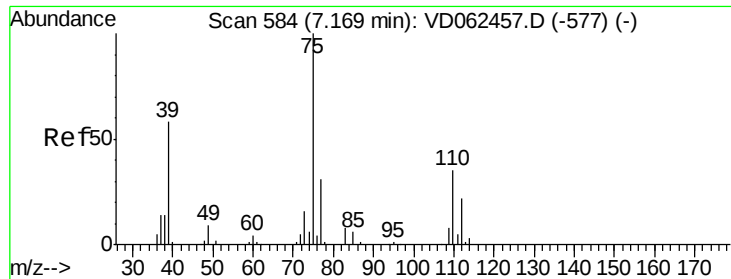
#35
 Dibromofluoromethane
 Concen: 33.682 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062472.D
 Acq: 20 May 2019 22:40

Tgt Ion:113 Resp: 291411
 Ion Ratio Lower Upper
 113 100
 111 94.6 78.5 117.7
 192 16.7 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: 5.583 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.11 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

Instrument :

MSVOA_D

ClientSampleId :

CL-02-051719

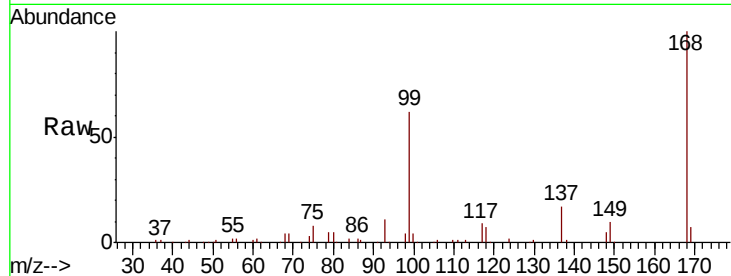
Tot Ion: 75 Resp: 51191

Ion Ratio Lower Upper

75 100

110 7.4 19.1 57.1#

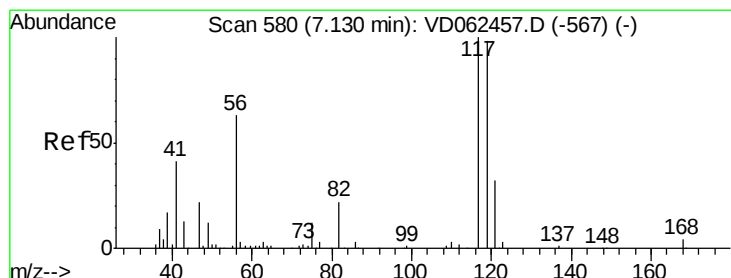
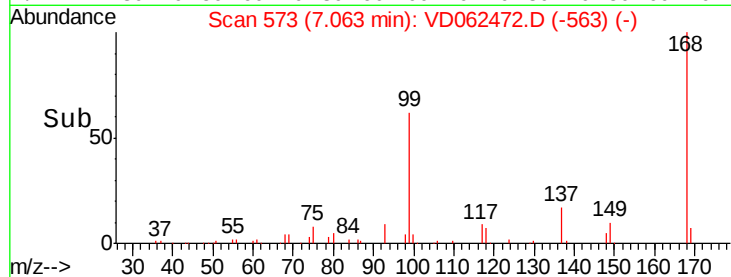
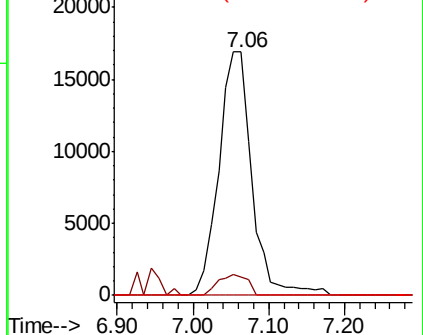
77 0.0 25.6 38.4#



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: 4.859 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.08 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

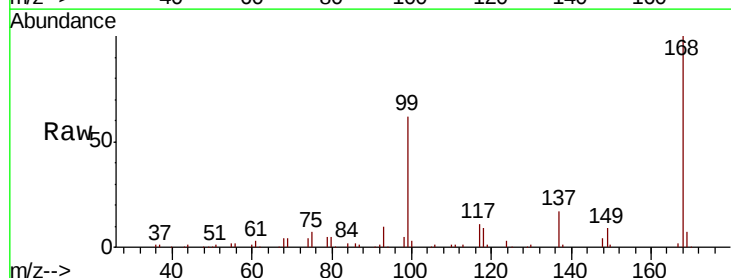
Tgt Ion: 117 Resp: 66210

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

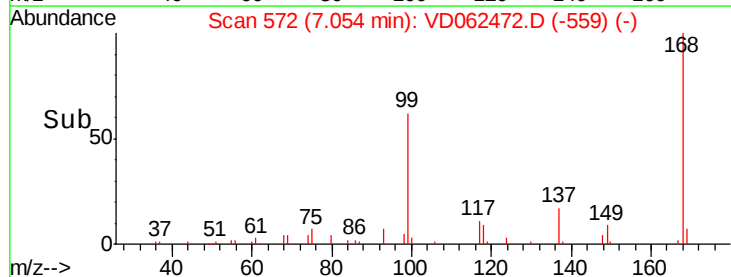
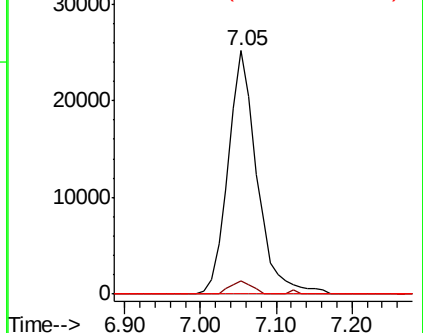
121 0.0 25.9 38.9#

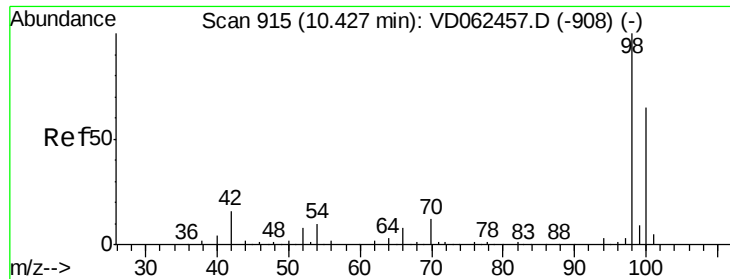


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

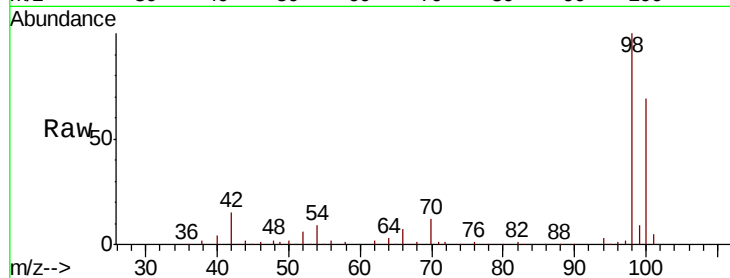




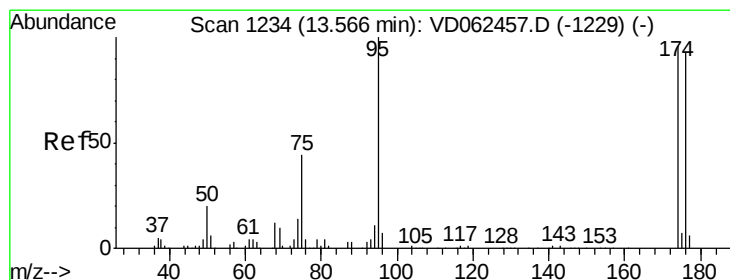
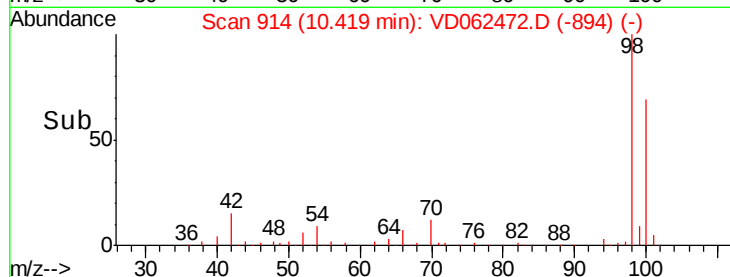
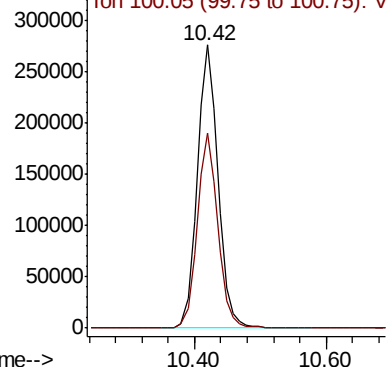
#50
Toluene-d8
Concen: 32.027 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051719

Tot Ion: 98 Resp: 606381
Ion Ratio Lower Upper
98 100
100 68.9 53.8 80.8

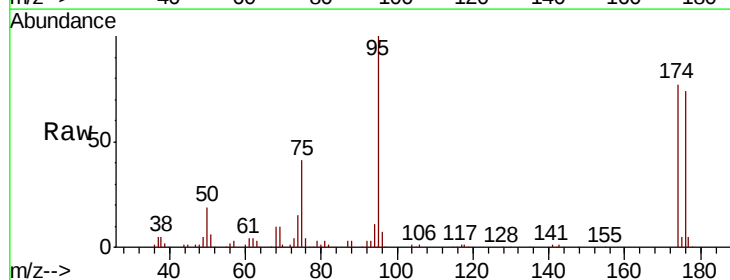


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

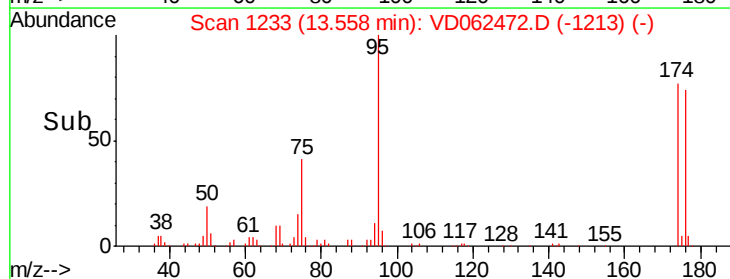
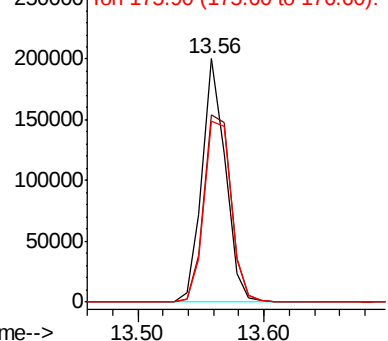


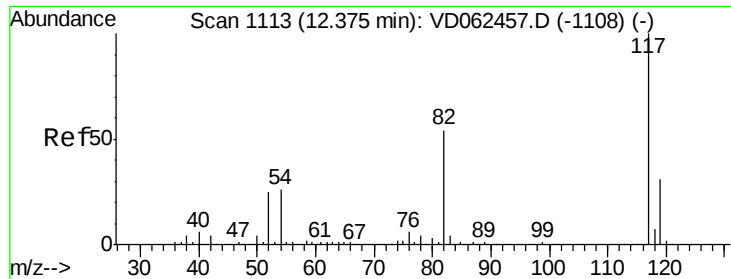
#62
4-Bromofluorobenzene
Concen: 30.822 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

Tgt Ion: 95 Resp: 255276
Ion Ratio Lower Upper
95 100
174 77.2 0.0 181.8
176 74.1 0.0 174.4



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

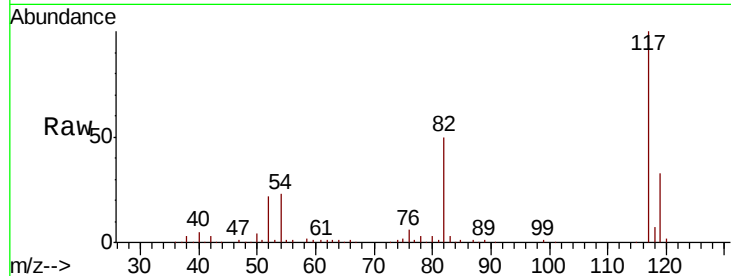




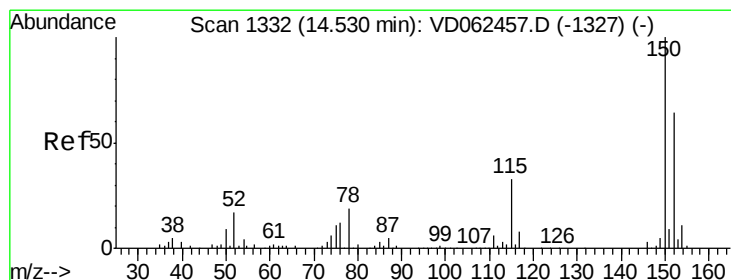
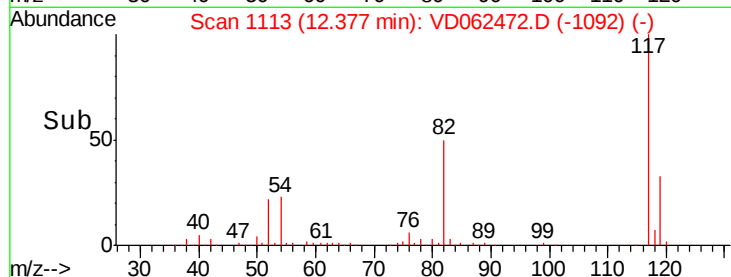
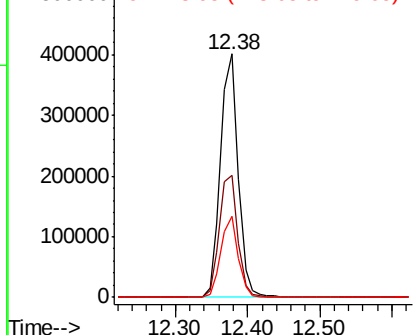
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

Instrument :
MSVOA_D
ClientSampleID :
CL-02-051719

Tot Ion:117 Resp: 677996
Ion Ratio Lower Upper
117 100
82 50.3 36.2 54.2
119 33.5 26.2 39.4

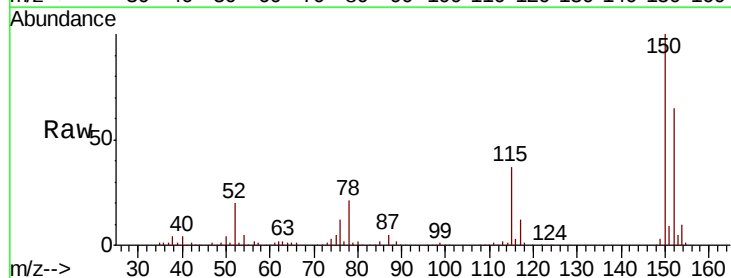


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

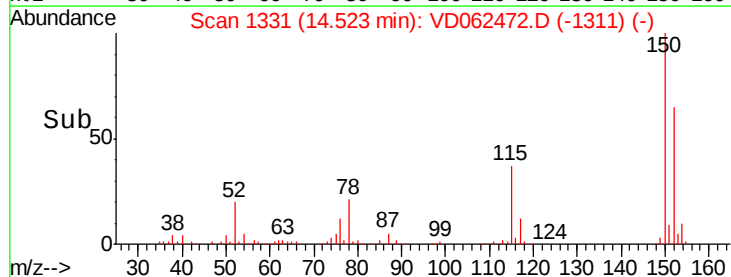
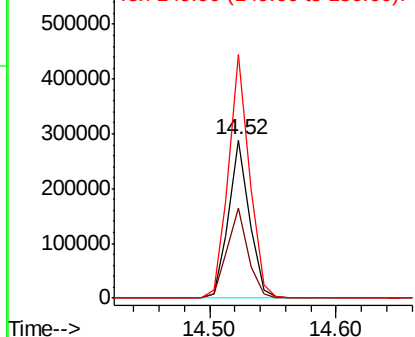


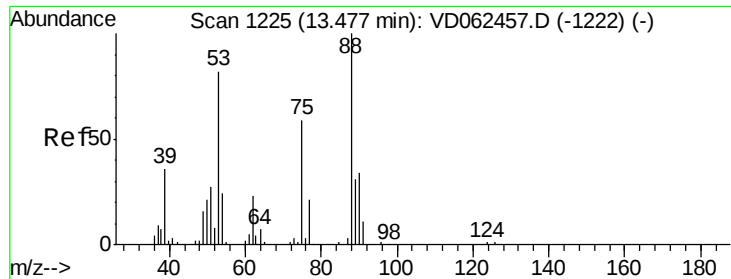
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062472.D
Acq: 20 May 2019 22:40

Tgt Ion:152 Resp: 329636
Ion Ratio Lower Upper
152 100
115 56.9 30.9 92.7
150 153.8 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





#81

trans-1,4-Dichloro-2-butene

Concen: 96.809 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD062472.D

Acq: 20 May 2019 22:40

Instrument :

MSVOA_D

ClientSampleId :

CL-02-051719

Tot Ion: 75 Resp: 106009

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

