

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062115.D
 Acq On : 2 May 2019 17:03
 Operator : FY/SY
 Sample : K2668-01
 Misc : 5.10g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 03 01:11:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

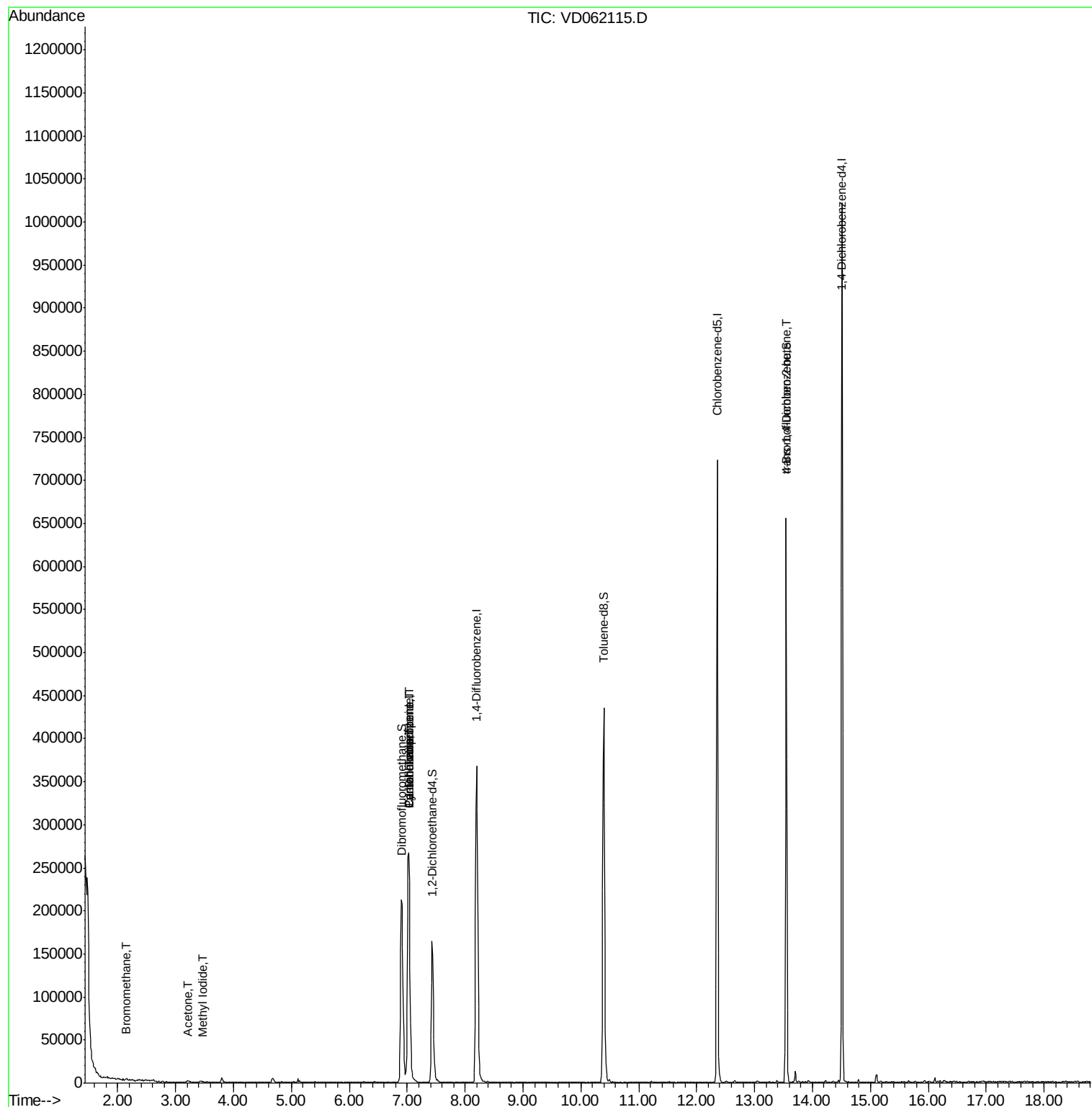
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	293655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	466655	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	442392	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	224777	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	155800	67.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	135.58%	
35) Dibromofluoromethane	6.90	113	198401	61.47	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	122.94%	
50) Toluene-d8	10.39	98	386955	50.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	13.54	95	192191	62.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.15	94	1147	1.350	ug/l #	12
10) Methyl Iodide	3.47	142	199	5.470	ug/l #	37
16) Acetone	3.21	43	3148	5.736	ug/l #	50
18) Methyl Acetate	3.64	43	206	Below Cal	#	53
20) Methylene Chloride	3.79	84	3362	Below Cal	#	78
31) Cyclohexane	7.02	56	5049	1.475	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	21228	5.839	ug/l #	45
38) Carbon Tetrachloride	7.02	117	28069	6.093	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.54	75	73786	85.304	ug/l #	16

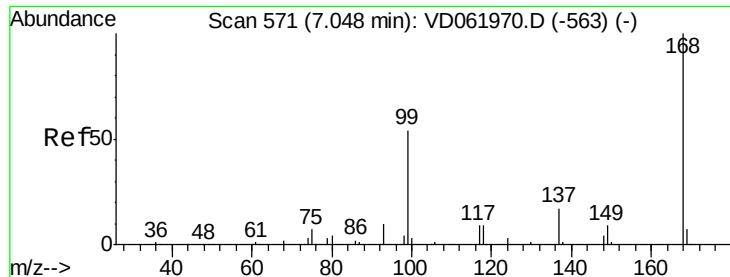
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050219\
Data File : VD062115.D
Acq On : 2 May 2019 17:03
Operator : FY/SY
Sample : K2668-01
Misc : 5.10g/5mL/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 03 01:11:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration

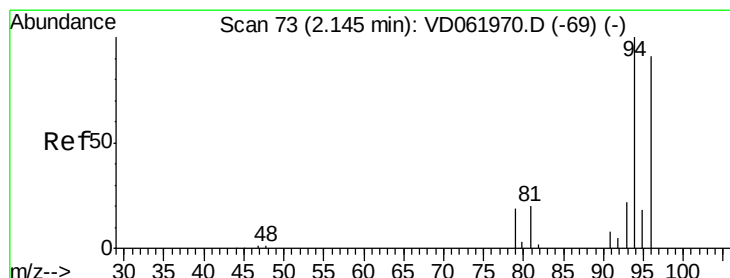
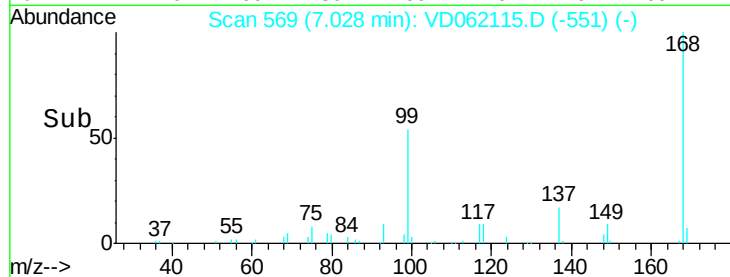
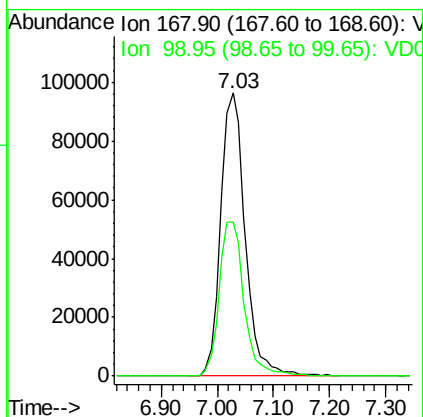
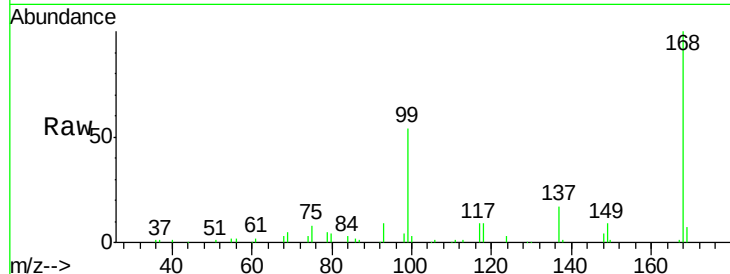




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.02 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

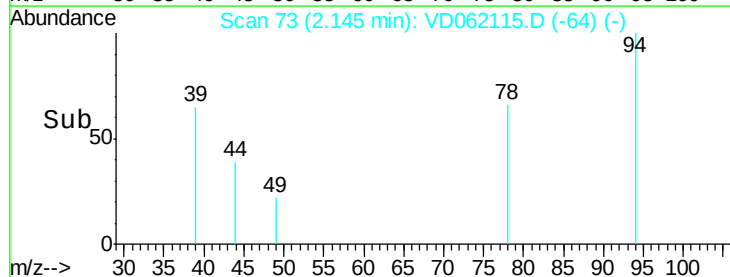
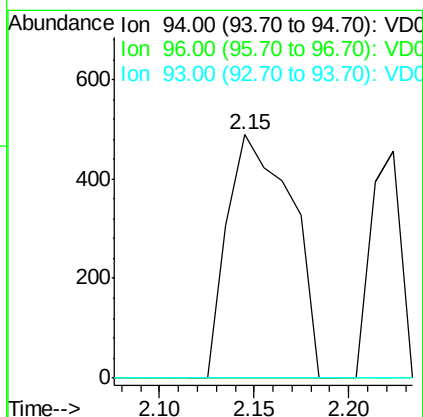
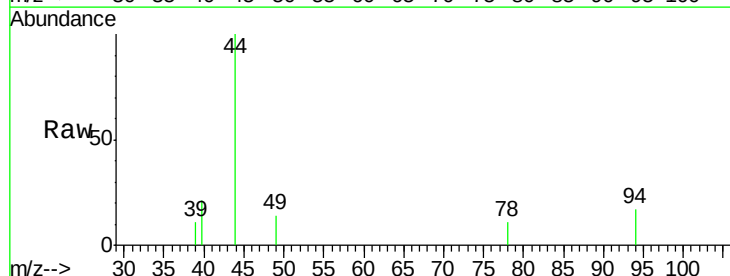
Instrument :
MSVOA_D
ClientSampleId :

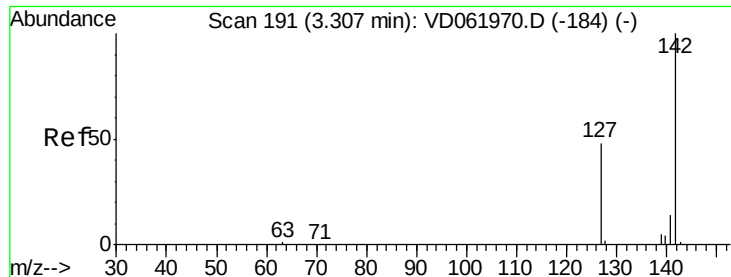
Tot Ion:168 Resp: 293655
Ion Ratio Lower Upper
168 100
99 54.4 46.5 69.7



#5
Bromomethane
Concen: 1.350 ug/l
RT: 2.15 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion: 94 Resp: 1147
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#

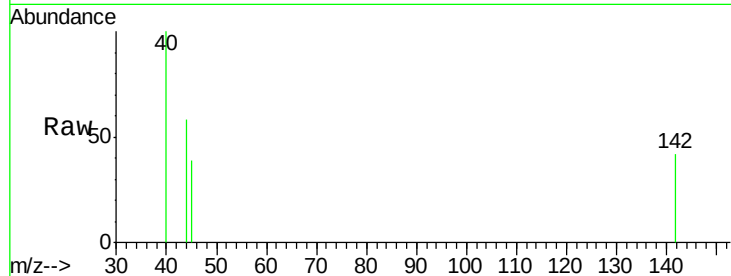




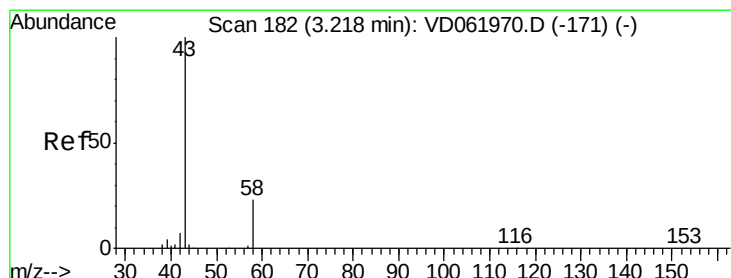
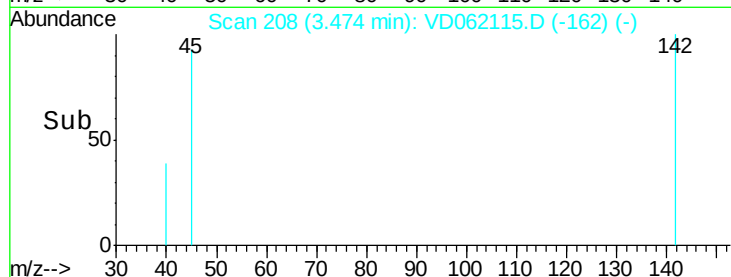
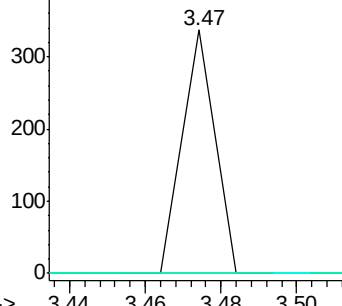
#10
Methvl Iodide
Concen: 5.470 ug/l
RT: 3.47 min Scan# 208
Delta R.T. 0.15 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

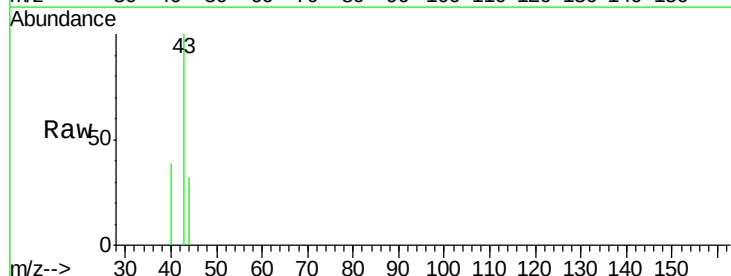


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

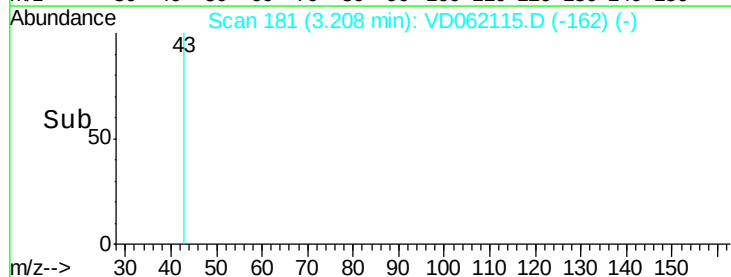
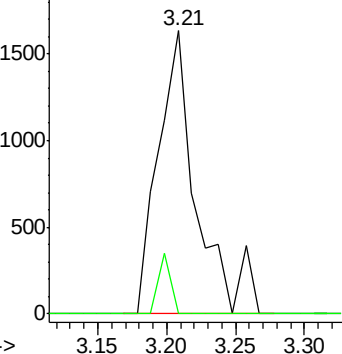


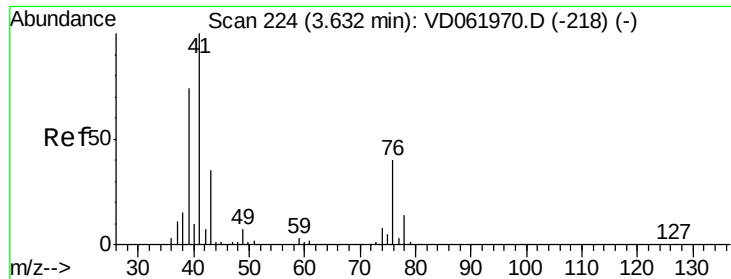
#16
Acetone
Concen: 5.736 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion: 43 Resp: 3148
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



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

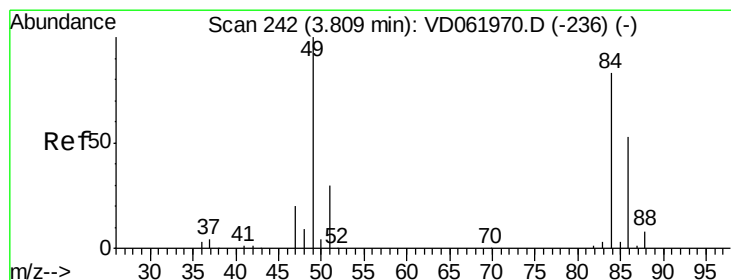
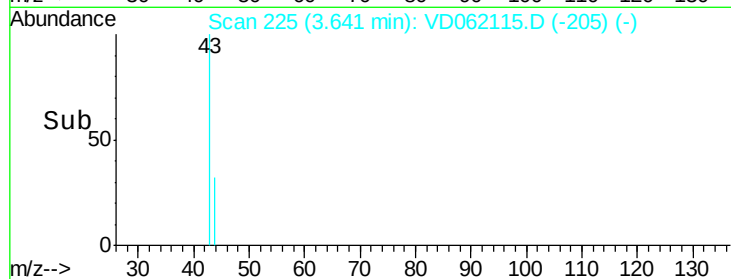
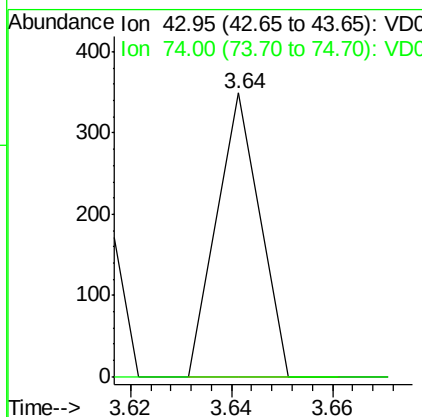
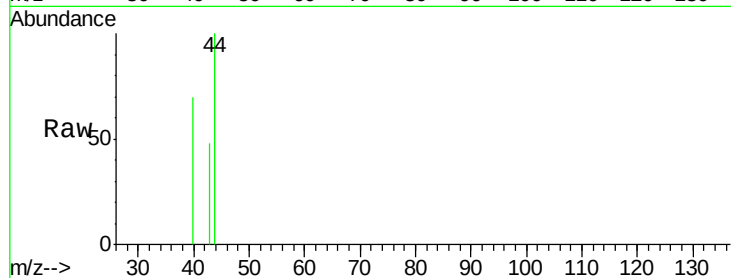




#18
Methyl Acetate
Concen: Below Cal
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

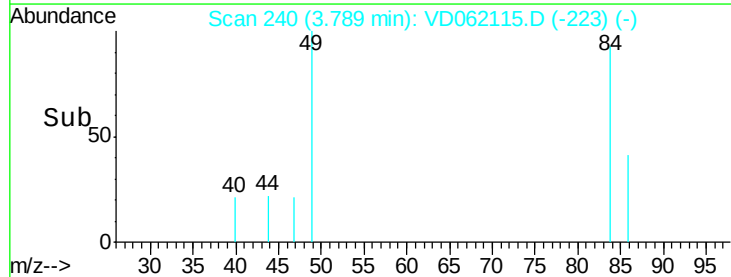
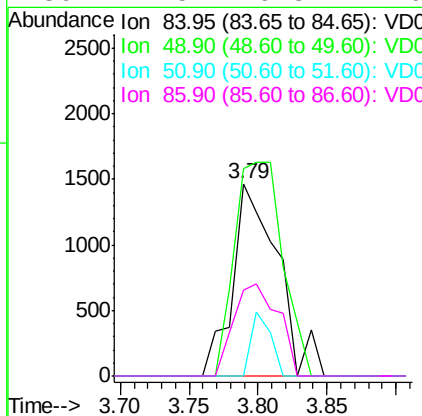
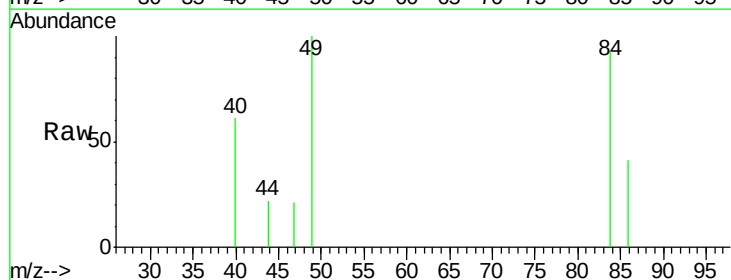
Instrument :
MSVOA_D
ClientSampleId :

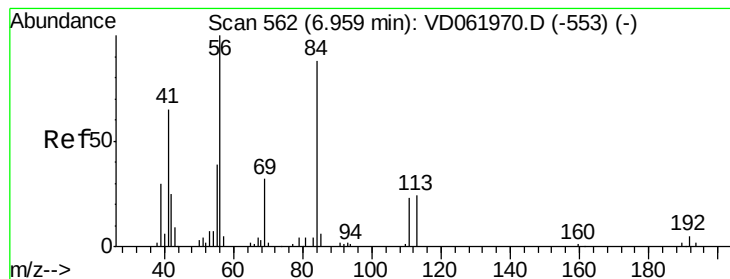
Tot Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion: 84 Resp: 3362
Ion Ratio Lower Upper
84 100
49 107.4 94.0 141.0
51 0.0 29.0 43.4#
86 44.5 49.8 74.6#





#31

Cyclohexane

Concen: 1.475 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.05 min

Lab File: VD062115.D

Acq: 2 May 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

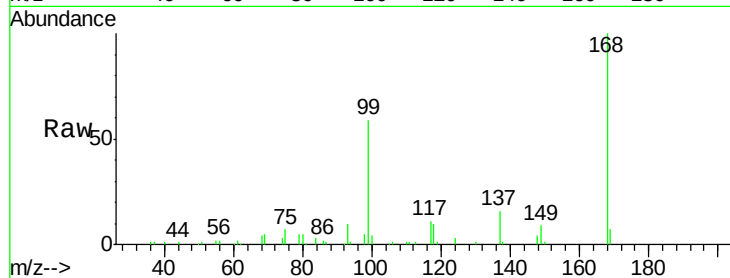
Tot Ion: 56 Resp: 5049

Ion Ratio Lower Upper

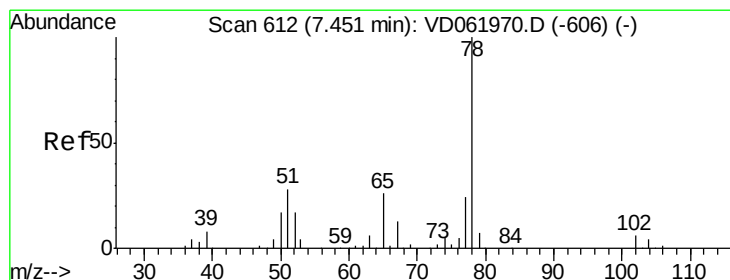
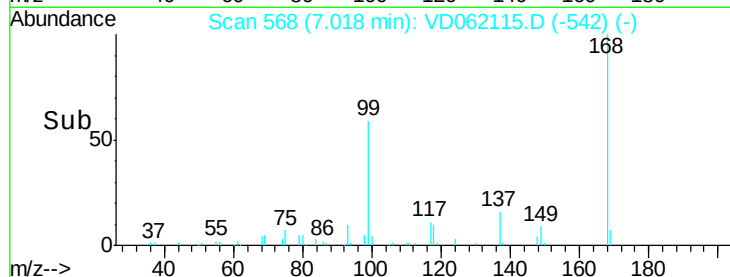
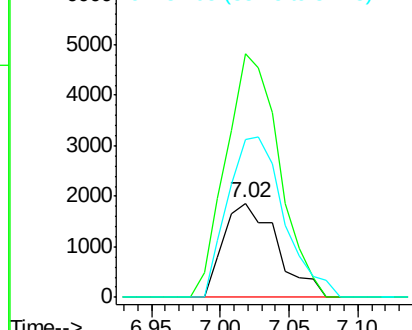
56 100

69 257.9 25.8 38.6#

84 166.9 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: 67.789 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD062115.D

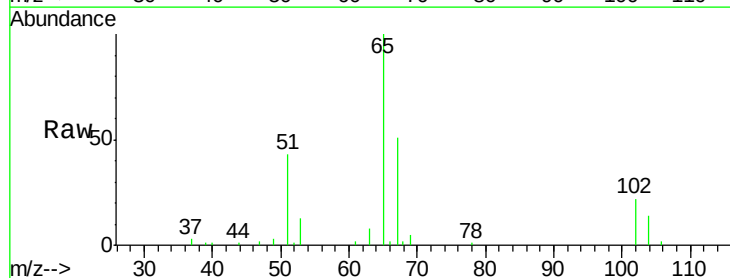
Acq: 2 May 2019 17:03

Tgt Ion: 65 Resp: 155800

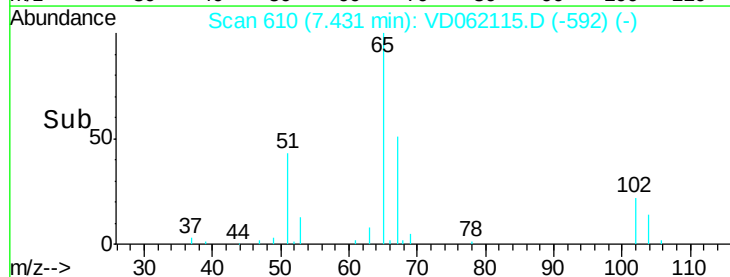
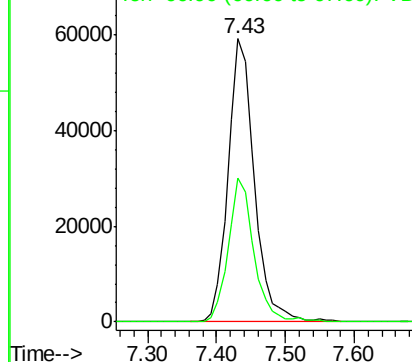
Ion Ratio Lower Upper

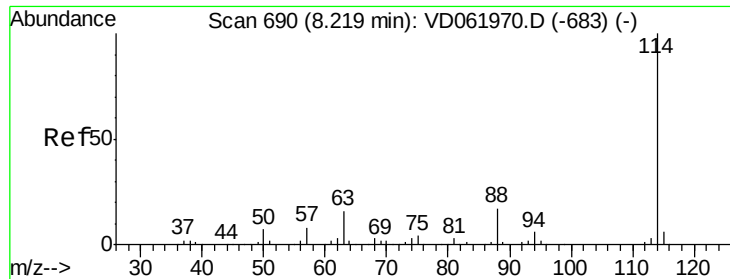
65 100

67 50.9 0.0 98.0



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

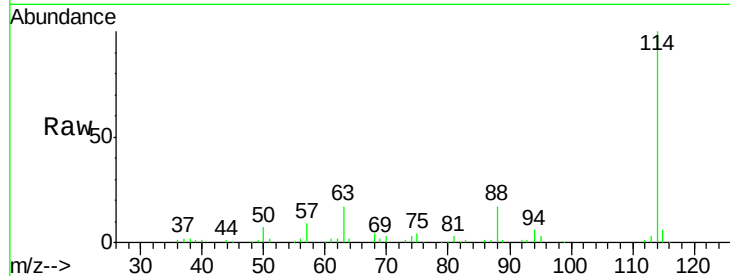




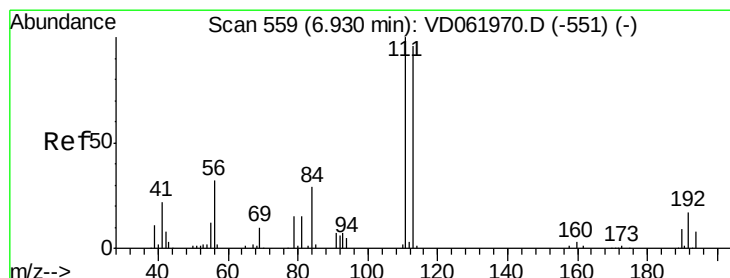
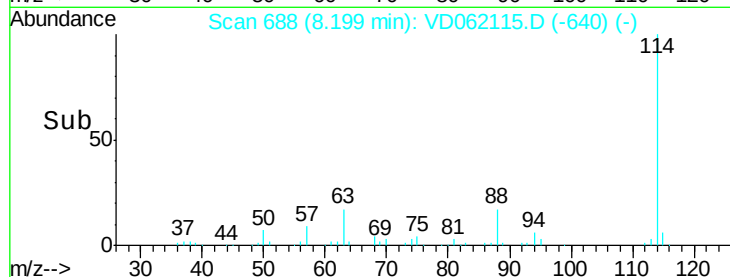
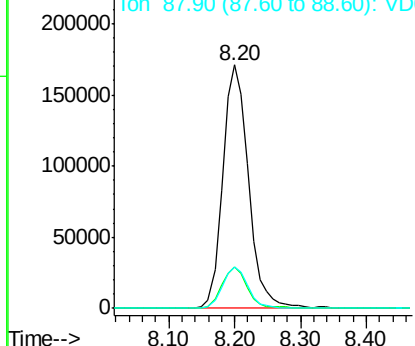
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 466655
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 32.4
 88 16.9 0.0 33.6

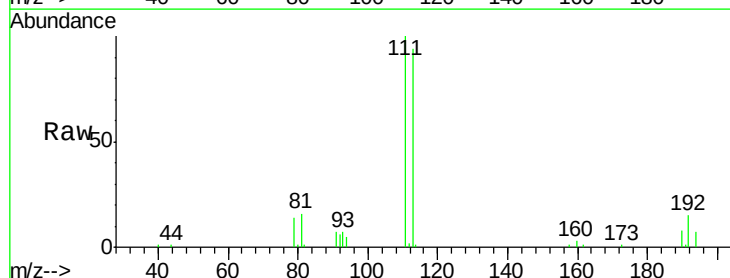


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

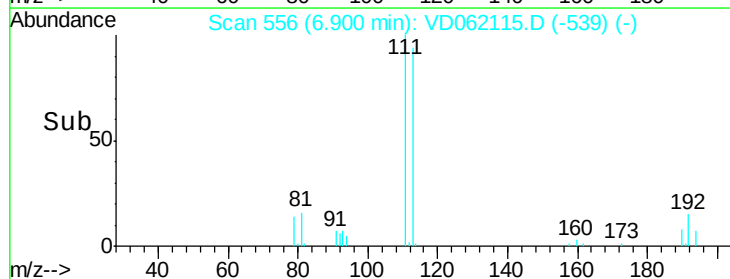
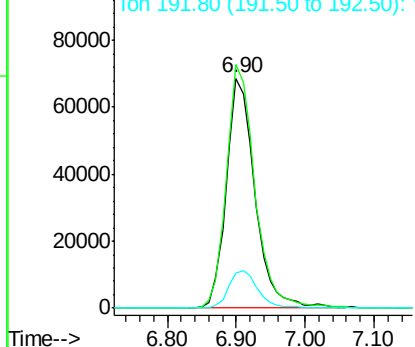


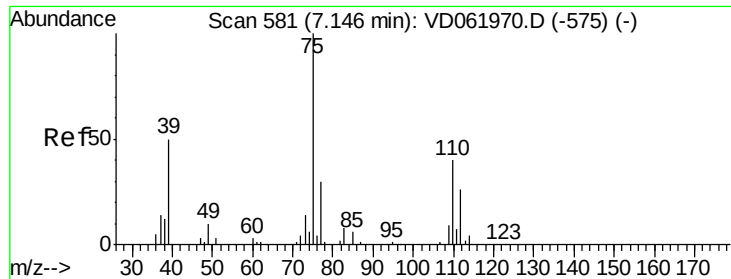
#35
 Dibromofluoromethane
 Concen: 61.475 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

Tgt Ion:113 Resp: 198401
 Ion Ratio Lower Upper
 113 100
 111 106.0 78.5 117.7
 192 15.5 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

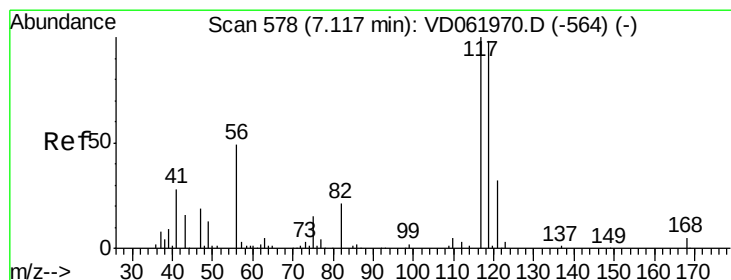
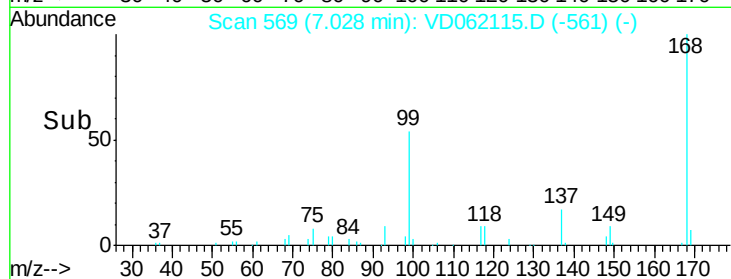
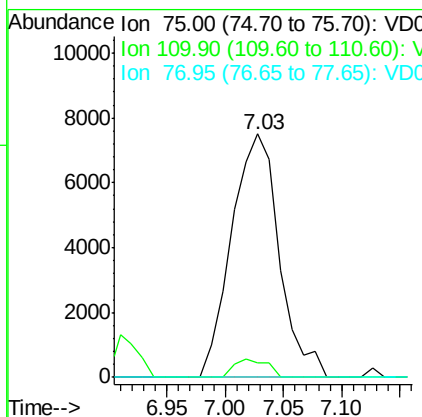
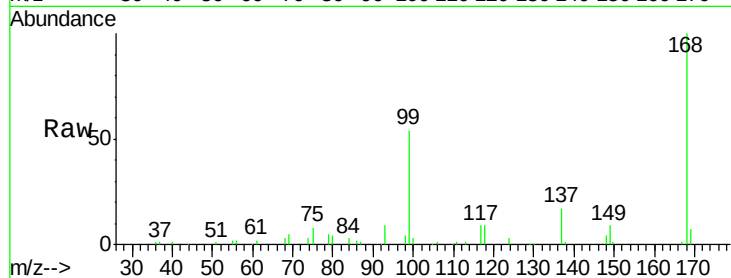




#36
 1,1-Dichloropropene
 Concen: 5.839 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.12 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

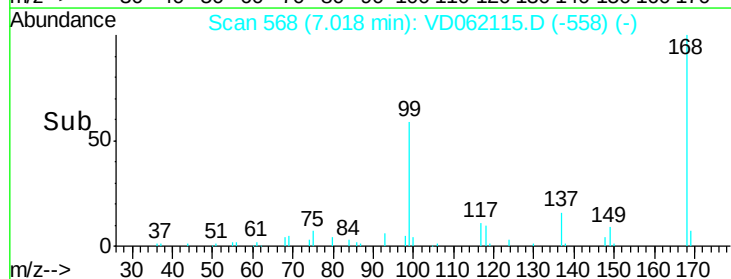
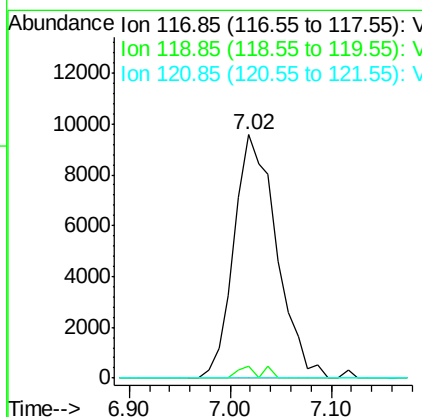
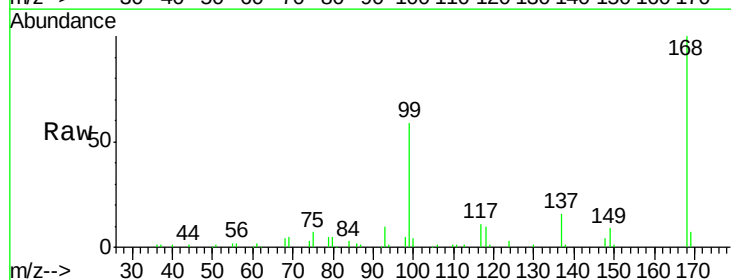
Instrument :
 MSVOA_D
 ClientSampleId :

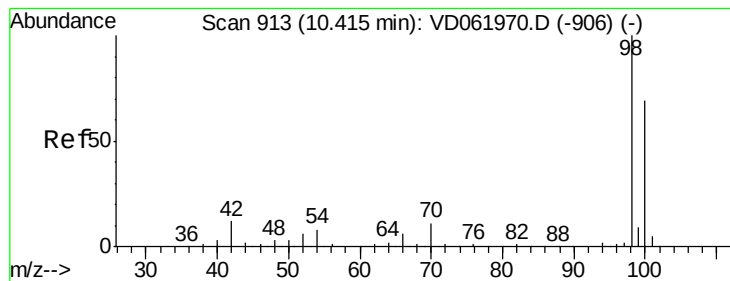
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.1	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.093 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.10 min
 Lab File: VD062115.D
 Acq: 2 May 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 50.388 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062115.D

Acq: 2 May 2019 17:03

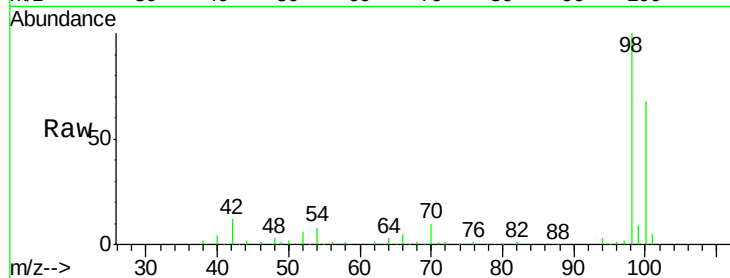
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 386955

Ion Ratio Lower Upper

98 100

100 67.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

200000

150000

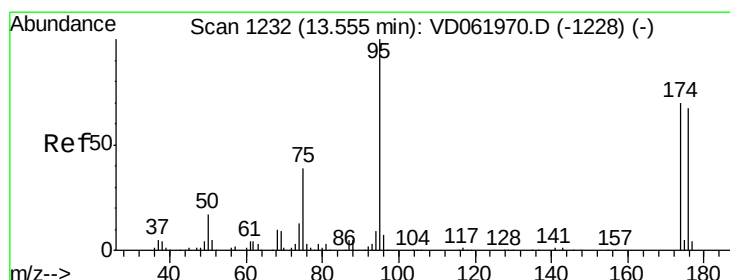
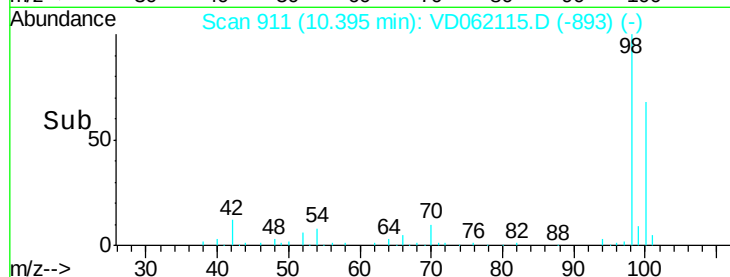
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 62.396 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062115.D

Acq: 2 May 2019 17:03

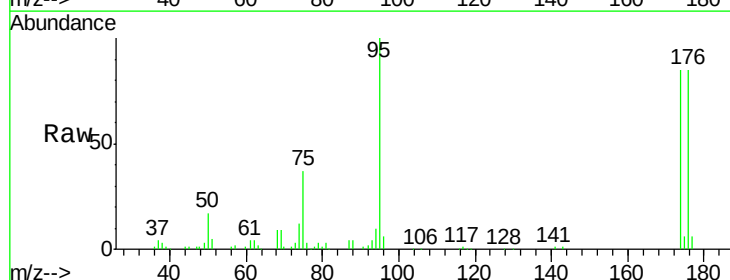
Tgt Ion: 95 Resp: 192191

Ion Ratio Lower Upper

95 100

174 85.3 0.0 181.8

176 84.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

200000

150000

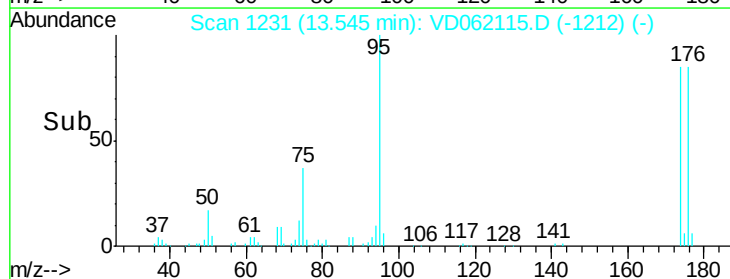
100000

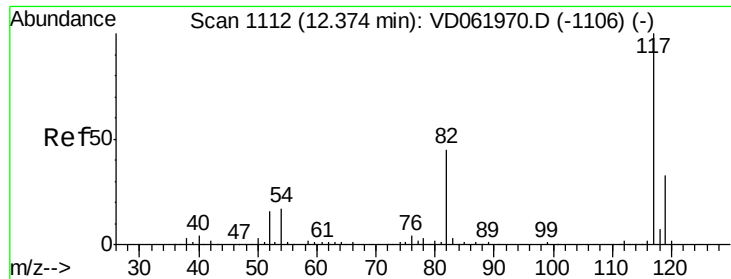
50000

0

13.50 13.60

Time-->

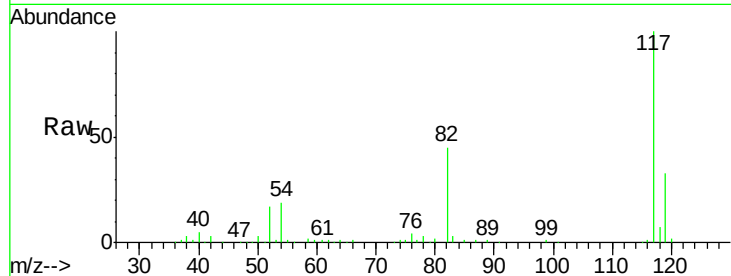




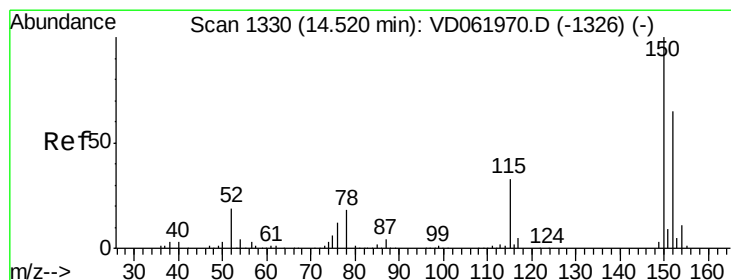
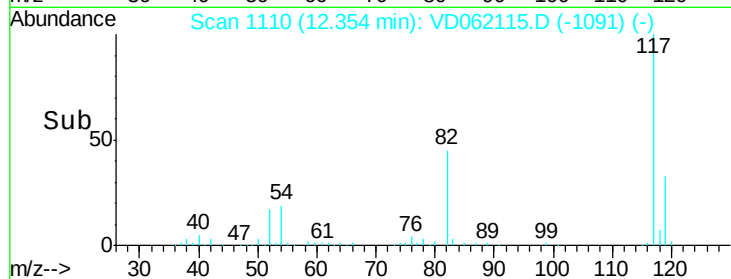
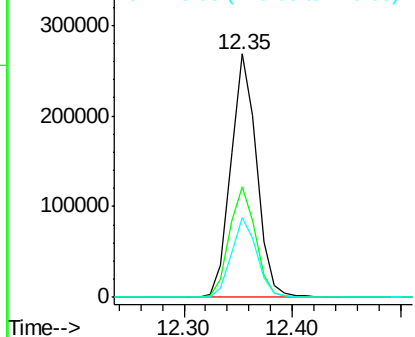
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 442392
Ion Ratio Lower Upper
117 100
82 45.5 36.2 54.2
119 32.6 26.2 39.4

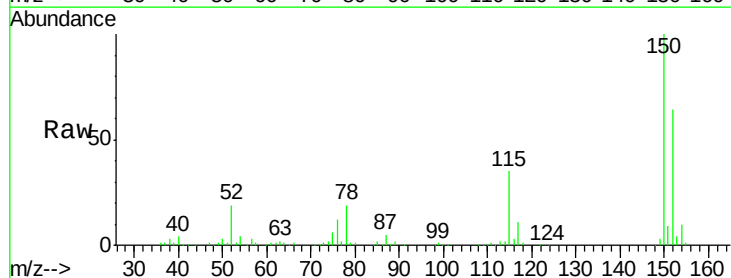


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

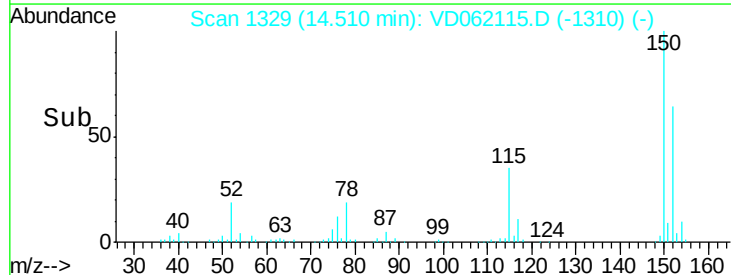
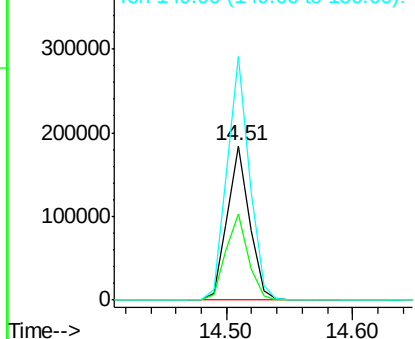


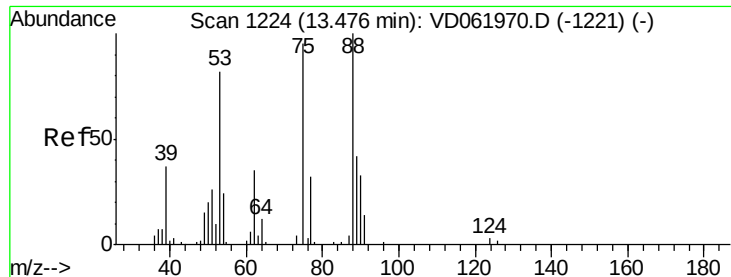
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062115.D
Acq: 2 May 2019 17:03

Tgt Ion:152 Resp: 224777
Ion Ratio Lower Upper
152 100
115 55.5 30.9 92.7
150 157.4 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: 85.304 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062115.D

Acq: 2 May 2019 17:03

Instrument :

MSVOA_D

ClientSampleId :

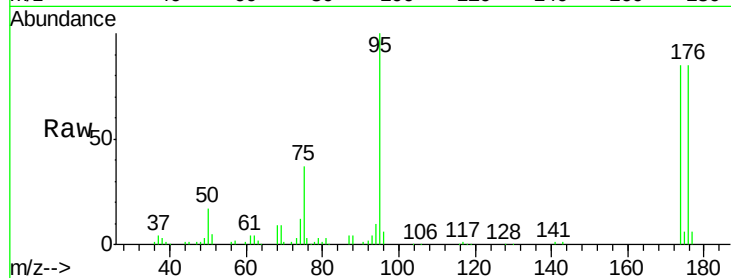
Tot Ion: 75 Resp: 73786

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

