

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062747.D
 Acq On : 18 Jun 2019 14:09
 Operator : VA/AP
 Sample : K3406-04RE
 Misc : 4.48g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 19 05:24:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	514450	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	642817	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	316602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	83802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	294723	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	
35) Dibromofluoromethane	6.93	113	285887	42.17	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.34%	
50) Toluene-d8	10.42	98	490707	34.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.82%	
62) 4-Bromofluorobenzene	13.56	95	136295	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	

Target Compounds

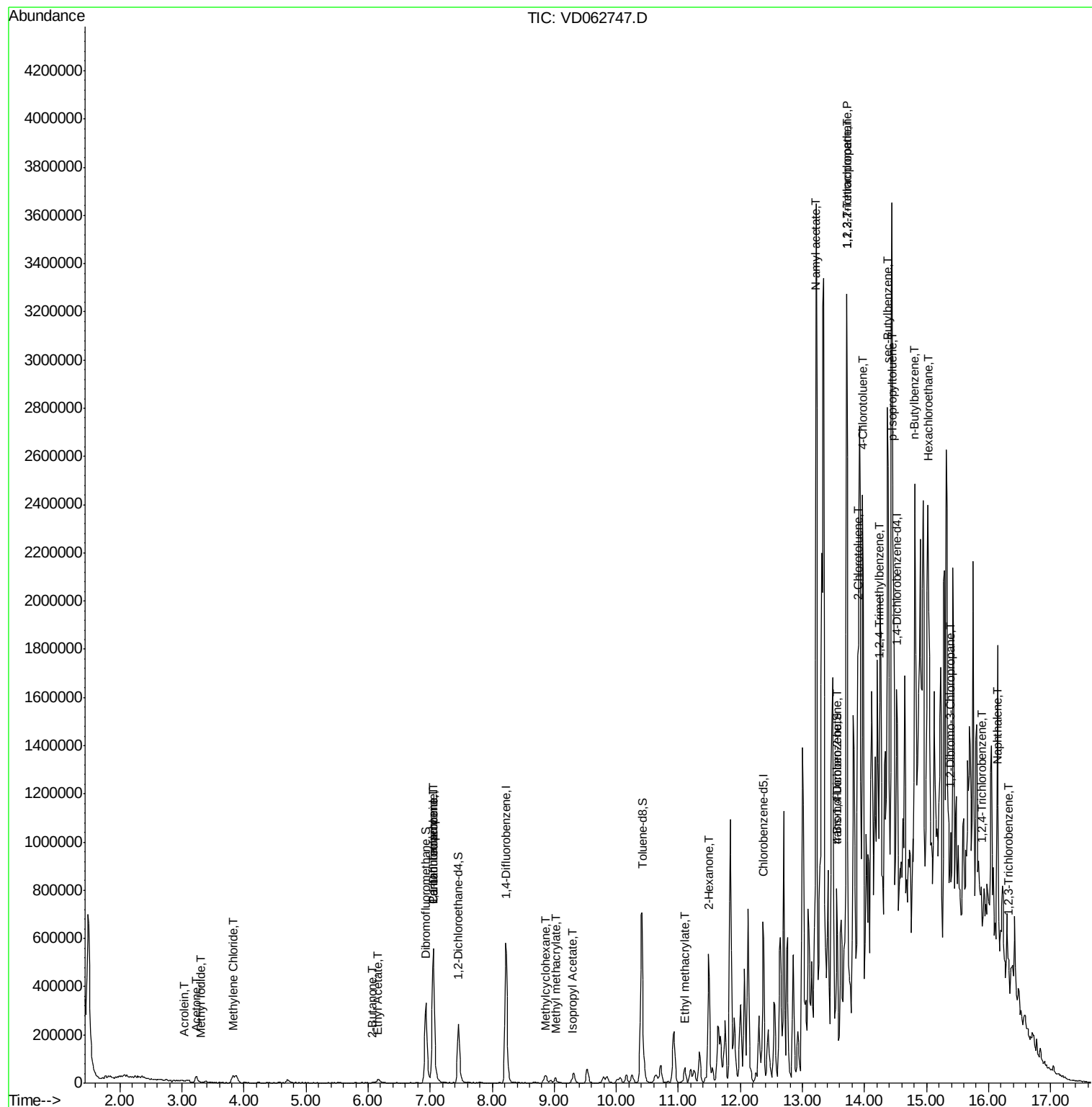
					Qvalue	
2) Dichlorodifluoromethane	1.58	85	438	Below Cal	#	42
10) Methyl Iodide	3.31	142	540	4.063	ug/l #	44
13) Acrolein	3.04	56	481	4.900	ug/l #	12
16) Acetone	3.23	43	57844	42.552	ug/l	95
20) Methylene Chloride	3.81	84	19627	3.410	ug/l #	84
25) 2-Butanone	6.07	43	7861	5.928	ug/l #	91
36) 1,1-Dichloropropene	7.05	75	40959	5.567	ug/l #	52
37) Ethyl Acetate	6.15	43	1768	1.751	ug/l #	74
38) Carbon Tetrachloride	7.05	117	54440	4.682	ug/l #	18
39) Methylcyclohexane	8.87	83	15344	2.581	ug/l #	71
43) Isopropyl Acetate	9.28	43	5949	1.533	ug/l #	52
48) Methyl methacrylate	9.02	41	9440	3.366	ug/l #	51
56) Ethyl methacrylate	11.10	69	7187	5.598	ug/l #	1
59) 2-Hexanone	11.49	43	241023	119.289	ug/l #	36
74) N-amyl acetate	13.22	43	581810	364.463	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	13.71	83	188654	186.658	ug/l #	44
76) 1,2,3-Trichloropropane	13.72	75	1726	1.519	ug/l #	1
79) 2-Chlorotoluene	13.89	91	8152	1.926	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.56	75	61175	171.298	ug/l #	7
82) 4-Chlorotoluene	13.97	91	7270	1.436	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	11290	2.184	ug/l	91
85) sec-Butylbenzene	14.37	105	9474	1.569	ug/l	86
86) p-Isopropyltoluene	14.46	119	9961	1.695	ug/l #	1
89) n-Butylbenzene	14.81	91	26647	5.039	ug/l #	44
90) Hexachloroethane	15.01	117	2184	1.407	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	15.39	75	1048	4.854	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.88	180	1920	4.395	ug/l	65
95) Naphthalene	16.13	128	9849	6.465	ug/l #	37
96) 1,2,3-Trichlorobenzene	16.33	180	1512	1.033	ug/l	85

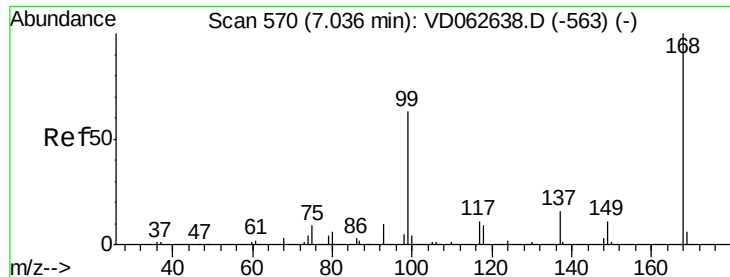
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

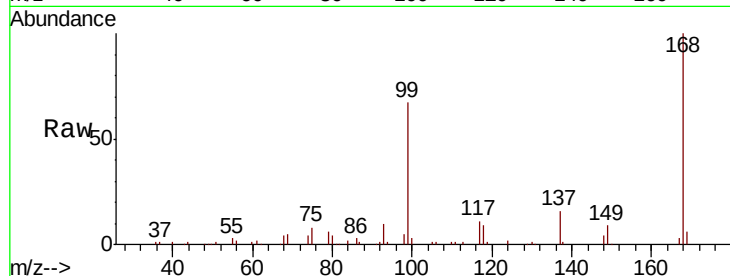
ClientSampleId :

Tot Ion:168 Resp: 514450

Ion Ratio Lower Upper

168 100

99 67.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

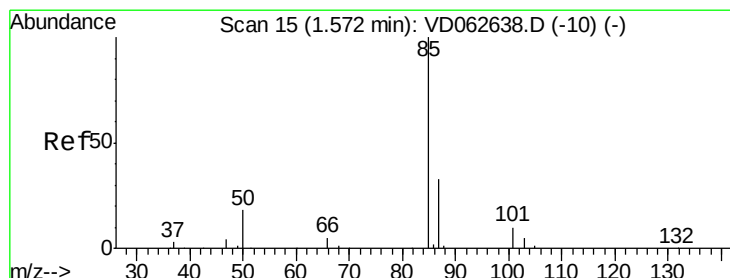
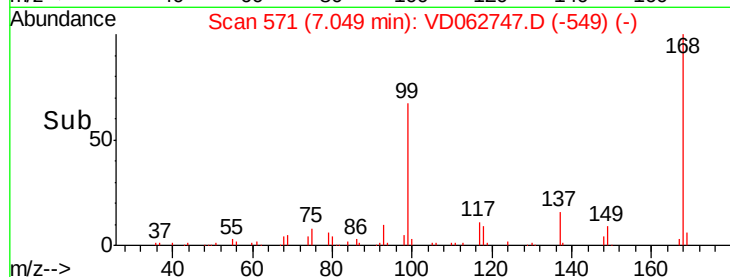
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.58 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062747.D

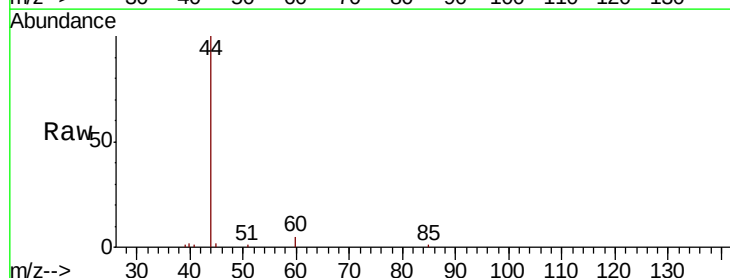
Acq: 18 Jun 2019 14:09

Tgt Ion: 85 Resp: 438

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.7#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

500

400

300

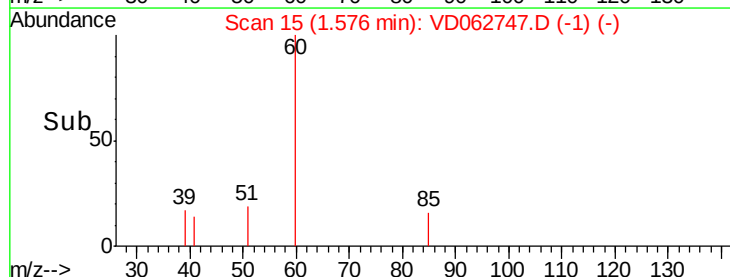
200

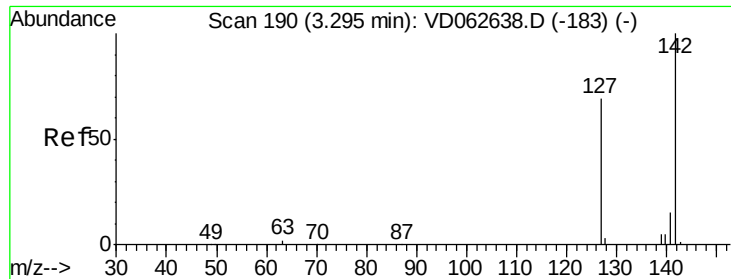
100

0

1.54 1.56 1.58 1.60 1.62

Time-->

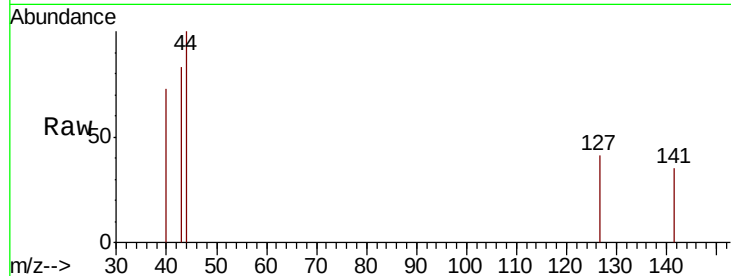




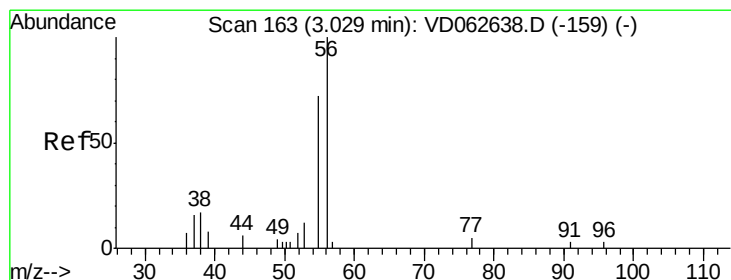
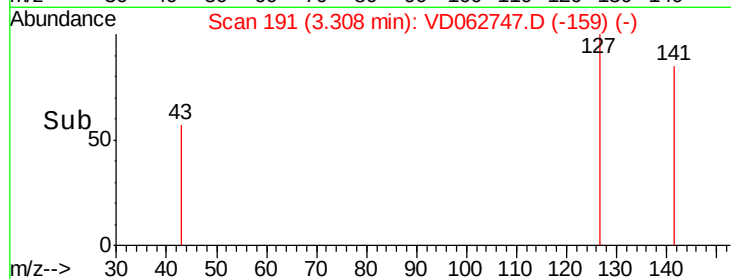
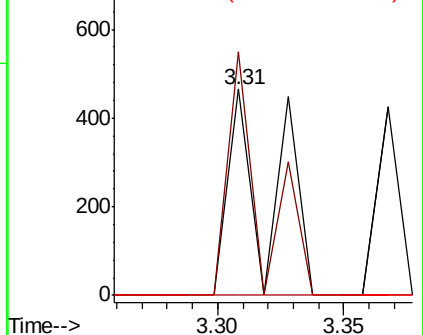
#10
Methyl Iodide
Concen: 4.063 ug/l
RT: 3.31 min Scan# 191
Delta R.T. 0.01 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
127 118.1 55.2 82.8#
141 0.0 12.1 18.1#

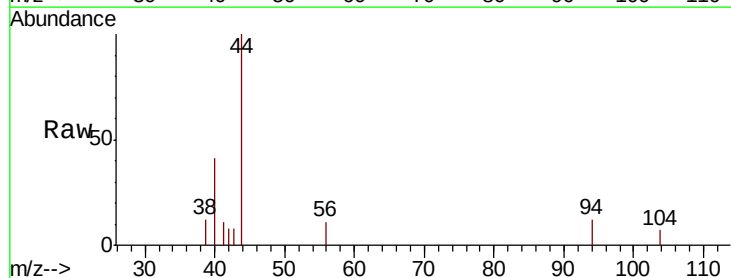


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

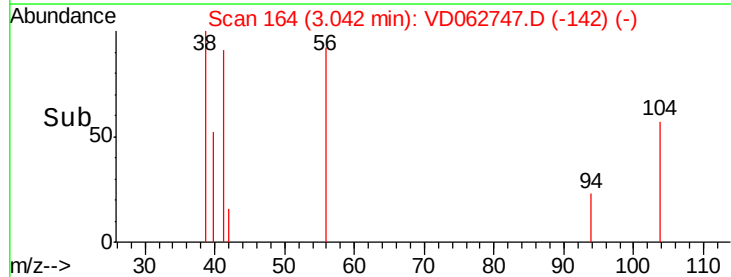
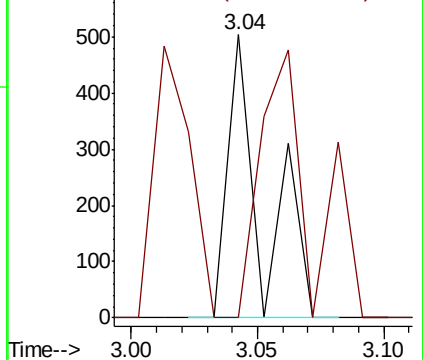


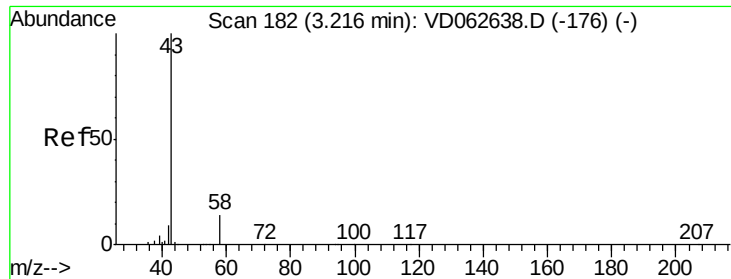
#13
Acrolein
Concen: 4.900 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 56 Resp: 481
Ion Ratio Lower Upper
56 100
55 0.0 59.4 89.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 42.552 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

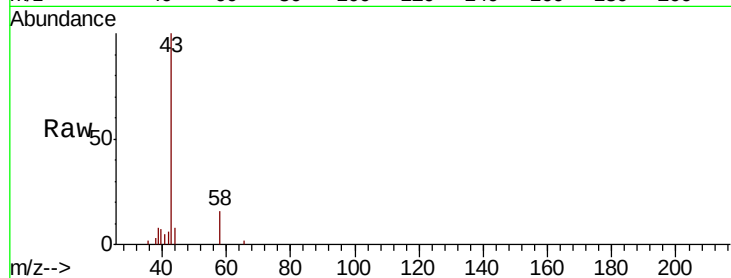
ClientSampleId :

Tot Ion: 43 Resp: 57844

Ion Ratio Lower Upper

43 100

58 15.6 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

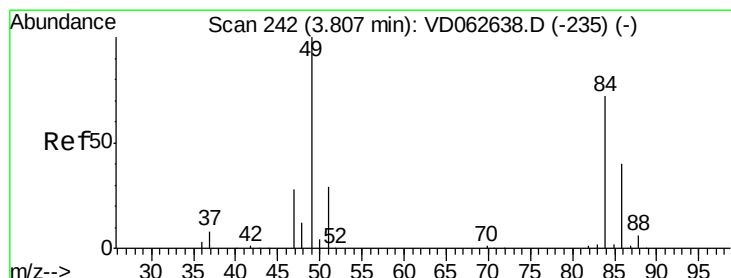
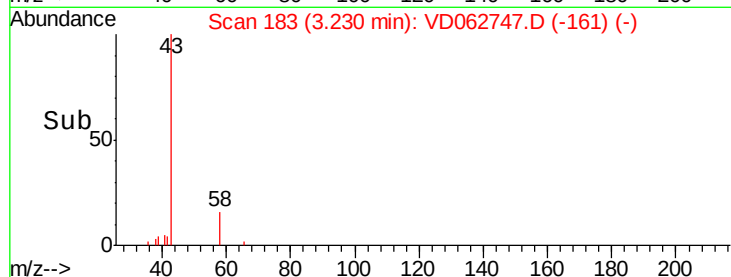
10000

5000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 3.410 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Tgt Ion: 84 Resp: 19627

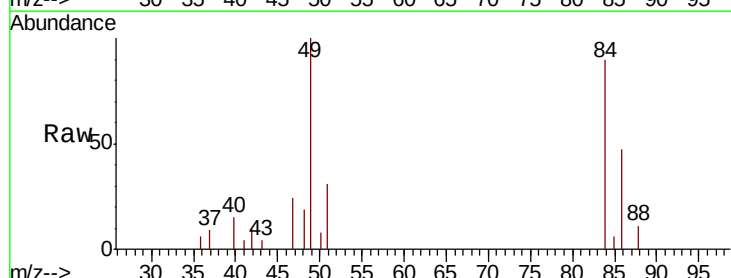
Ion Ratio Lower Upper

84 100

49 111.0 111.2 166.8#

51 34.5 31.9 47.9

86 52.5 44.7 67.1



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

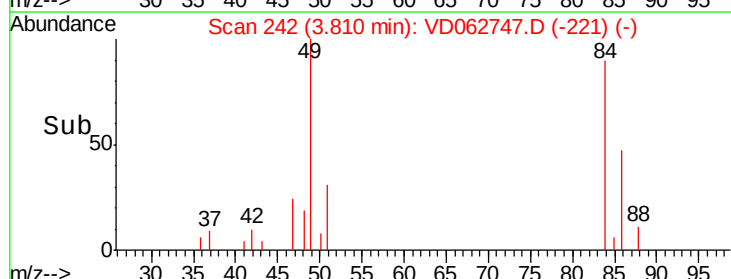
10000

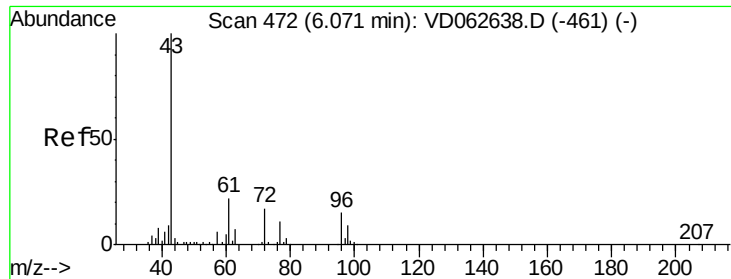
5000

0

3.75 3.80 3.85 3.90

Time-->

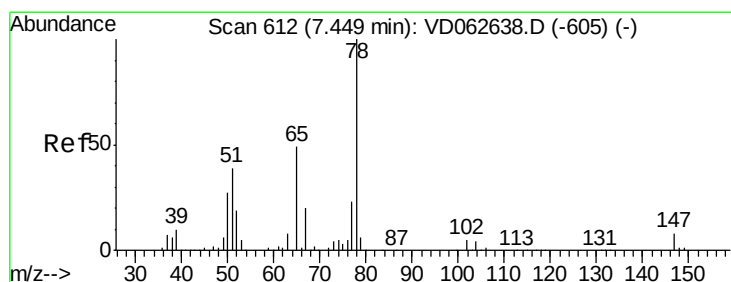
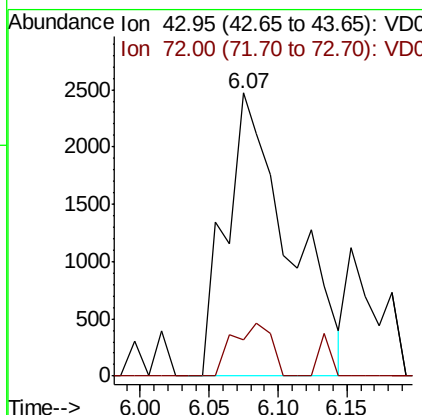
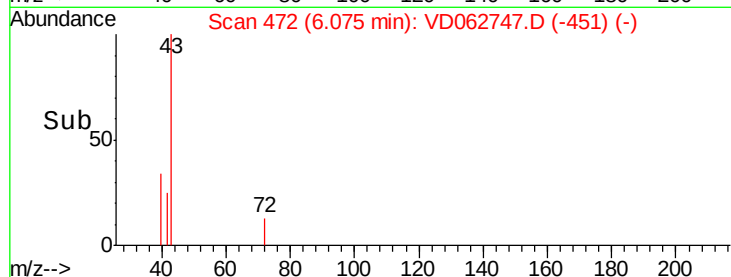
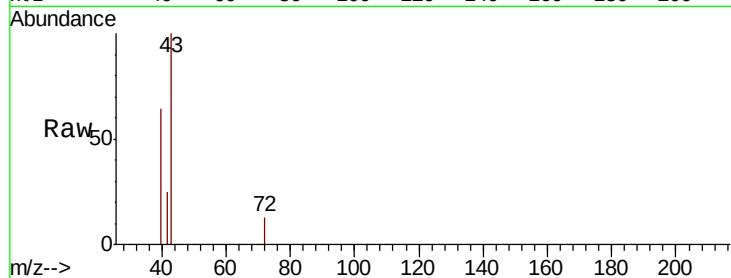




#25
2-Butanone
Concen: 5.928 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

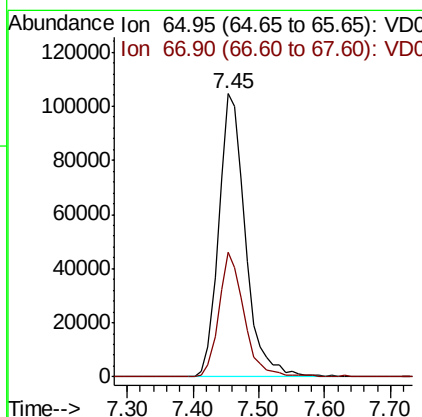
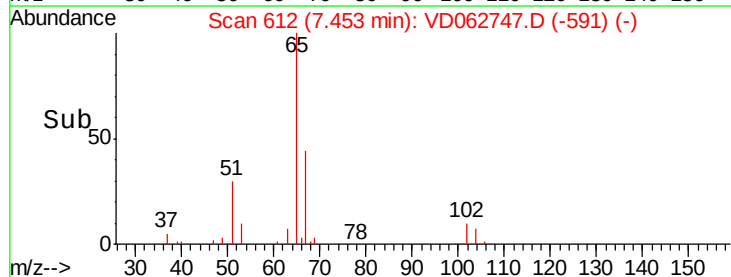
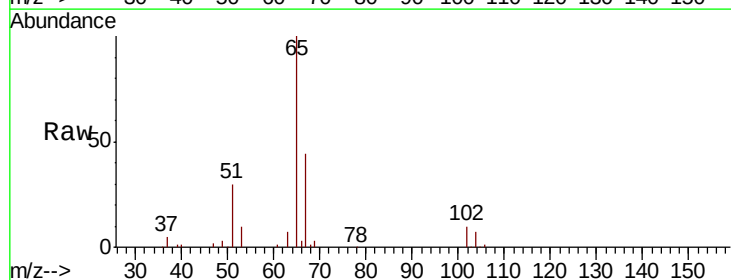
Instrument :
MSVOA_D
ClientSampleId :

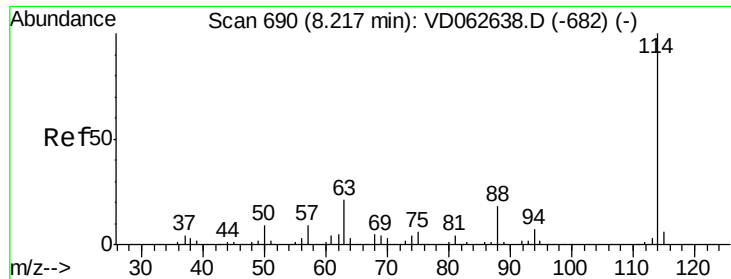
Tot Ion: 43 Resp: 7861
Ion Ratio Lower Upper
43 100
72 12.8 13.5 20.3#



#33
1,2-Dichloroethane-d4
Concen: 39.702 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 65 Resp: 294723
Ion Ratio Lower Upper
65 100
67 44.0 0.0 81.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

ClientSampleId :

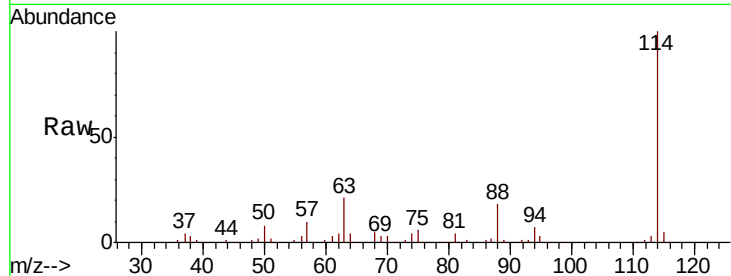
Tot Ion:114 Resp: 642817

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 18.2 0.0 36.8



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

300000

250000

200000

150000

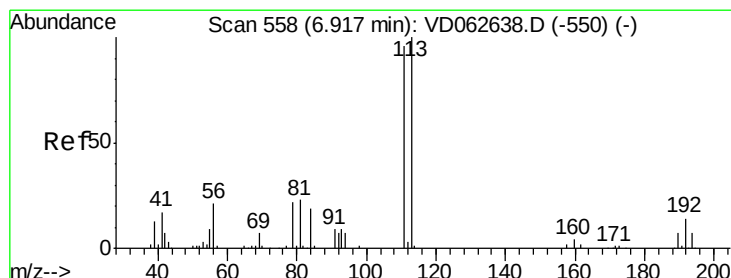
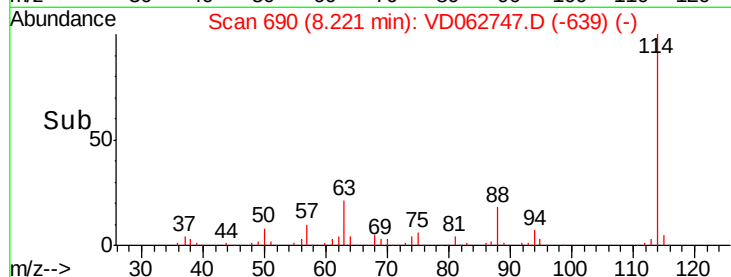
100000

50000

0

8.10 8.20 8.30

Time-->



#35

Dibromofluoromethane

Concen: 42.170 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

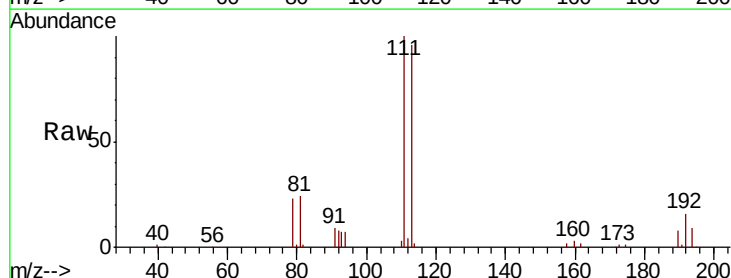
Tgt Ion:113 Resp: 285887

Ion Ratio Lower Upper

113 100

111 104.1 76.4 114.6

192 16.4 11.4 17.0



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

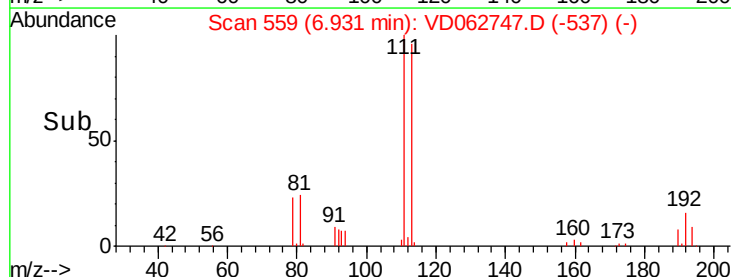
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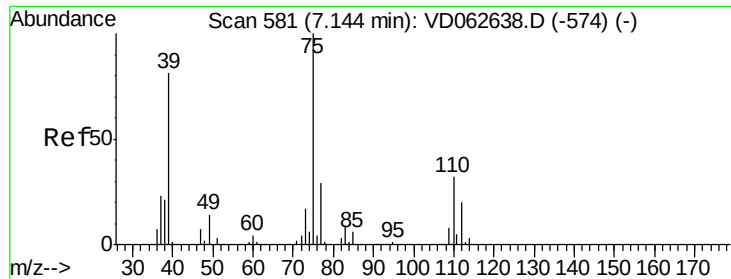
50000

0

6.80 6.90 7.00 7.10

Time-->

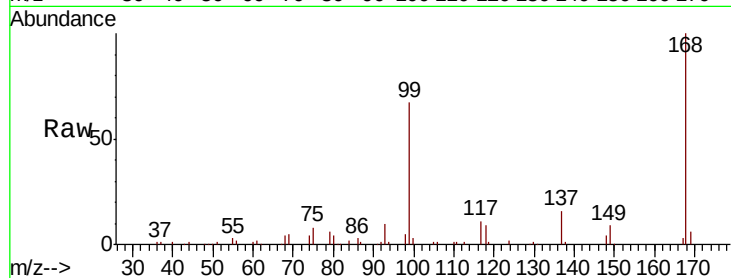




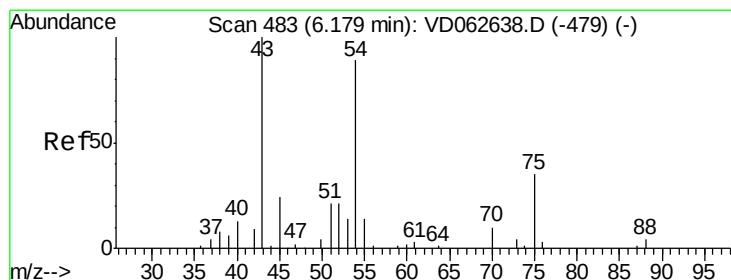
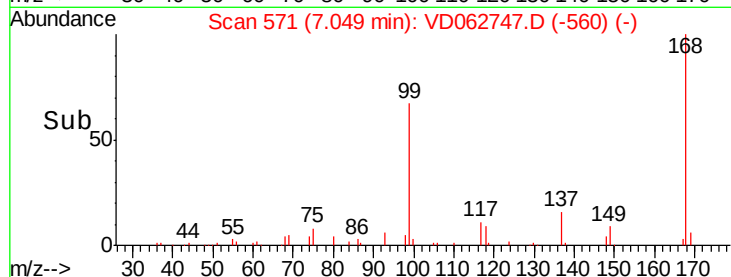
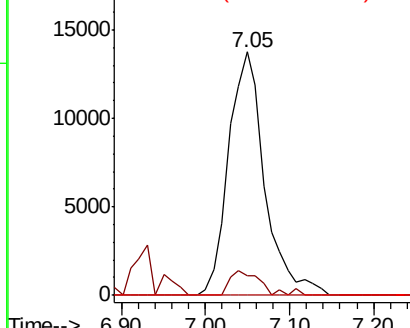
#36
 1,1-Dichloropropene
 Concen: 5.567 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.09 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.9	47.7#
77	0.0	23.3	34.9#

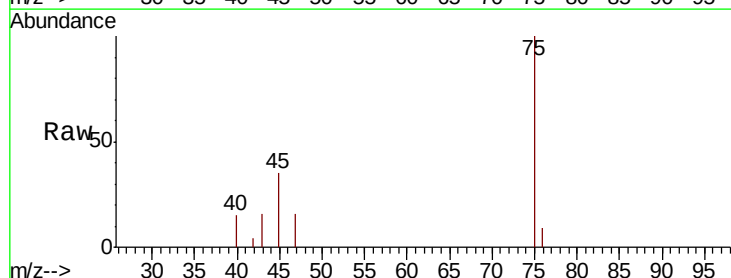


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

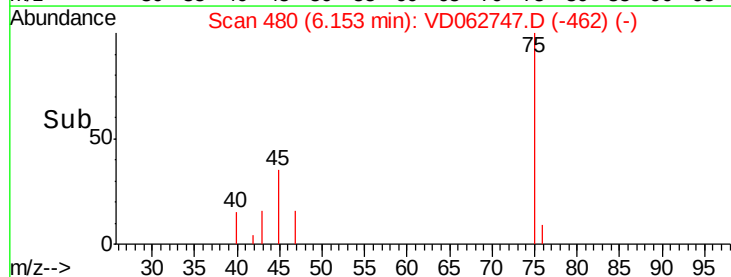
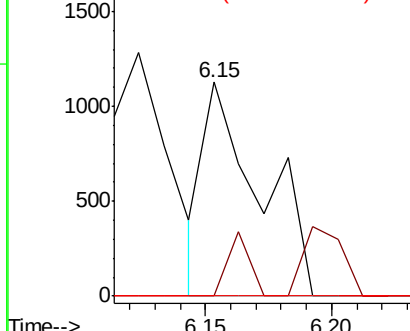


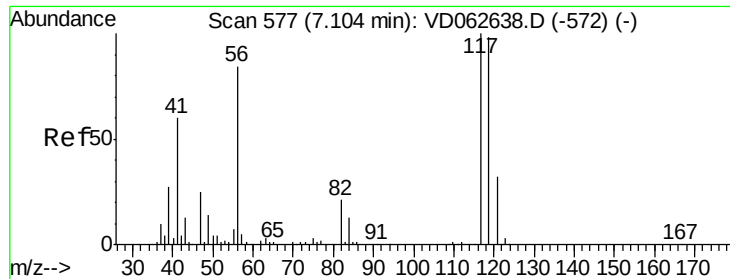
#37
 Ethyl Acetate
 Concen: 1.751 ug/l
 RT: 6.15 min Scan# 480
 Delta R.T. -0.03 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	8.7	13.1#
70	0.0	6.5	9.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 70.00 (69.70 to 70.70): VDC

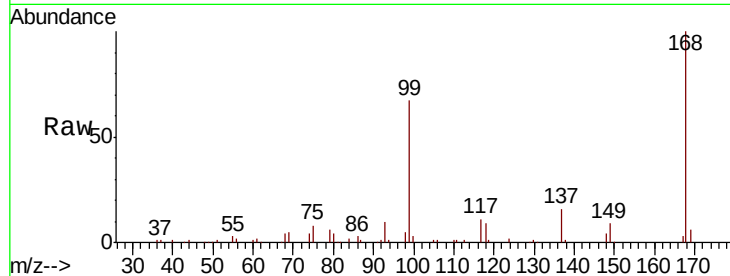




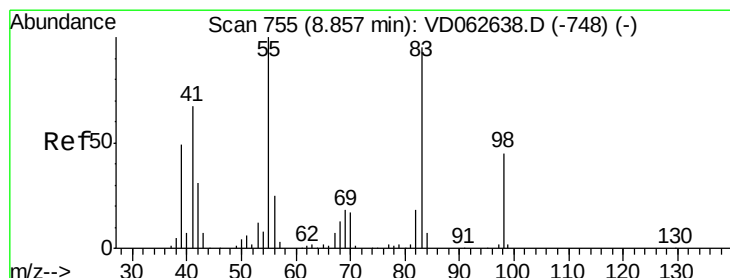
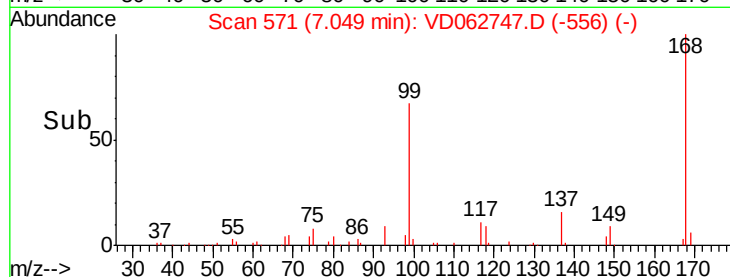
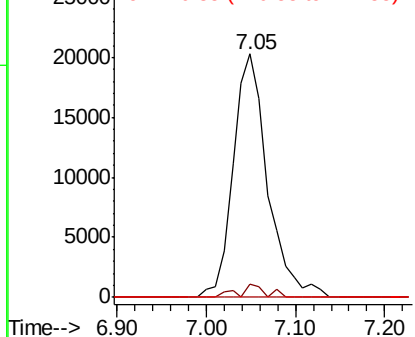
#38
Carbon Tetrachloride
Concen: 4.682 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 54440
Ion Ratio Lower Upper
117 100
119 5.4 73.5 110.3#
121 0.0 24.2 36.4#

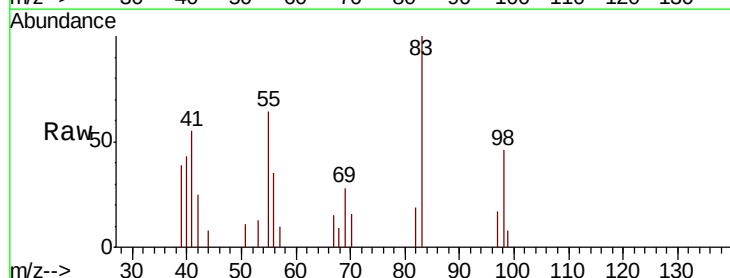


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

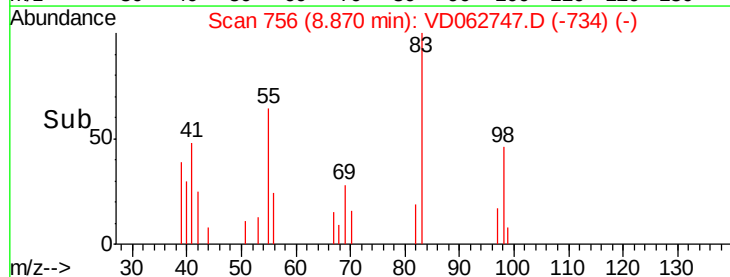
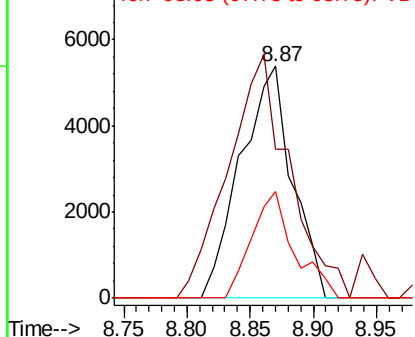


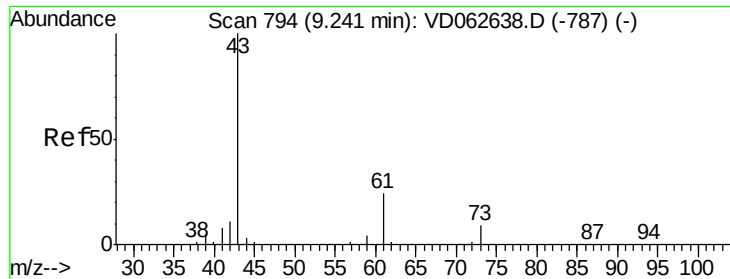
#39
Methylcyclohexane
Concen: 2.581 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 83 Resp: 15344
Ion Ratio Lower Upper
83 100
55 64.1 84.6 127.0#
98 45.9 38.2 57.4



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC





#43

Isopropyl Acetate

Concen: 1.533 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.04 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

ClientSampled :

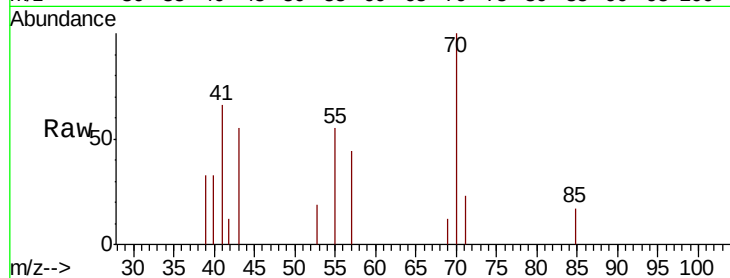
Tot Ion: 43 Resp: 5949

Ion Ratio Lower Upper

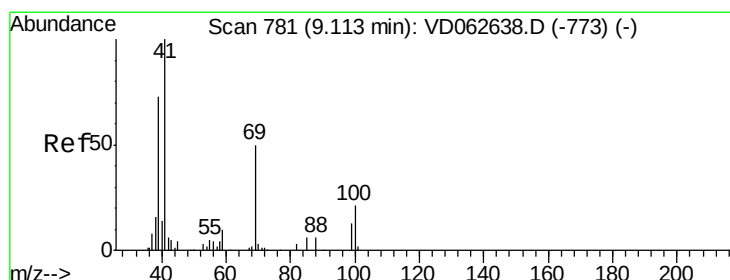
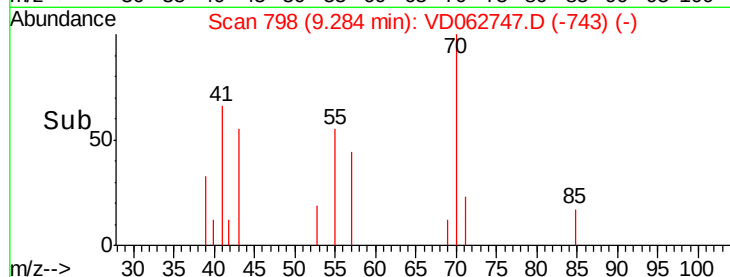
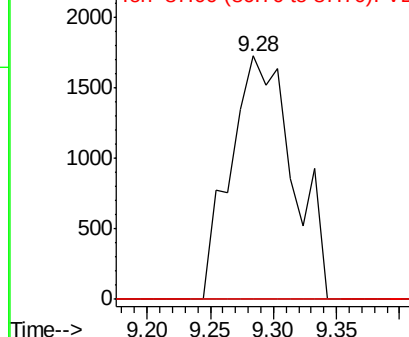
43 100

61 0.0 19.0 28.6#

87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#48

Methyl methacrylate

Concen: 3.366 ug/l

RT: 9.02 min Scan# 771

Delta R.T. -0.09 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

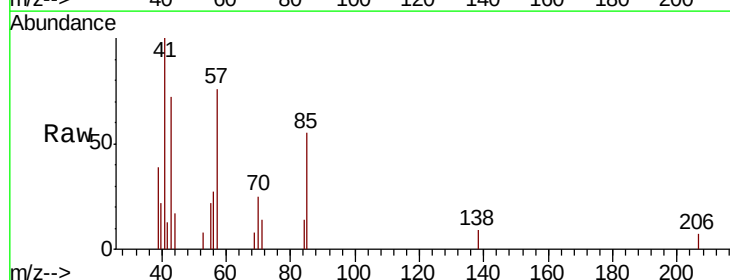
Tgt Ion: 41 Resp: 9440

Ion Ratio Lower Upper

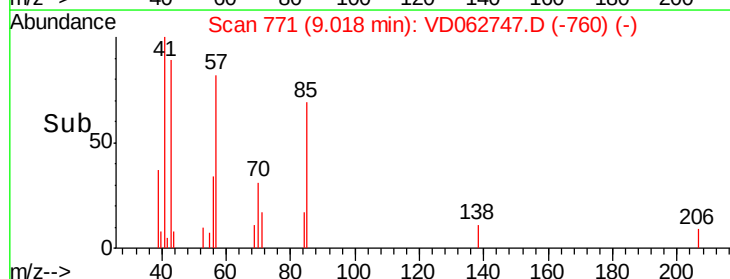
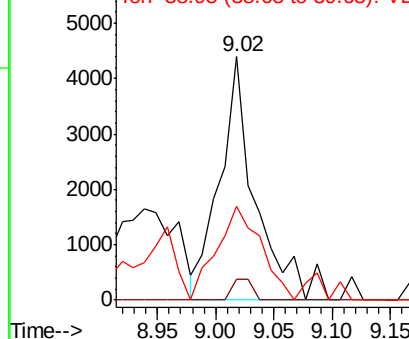
41 100

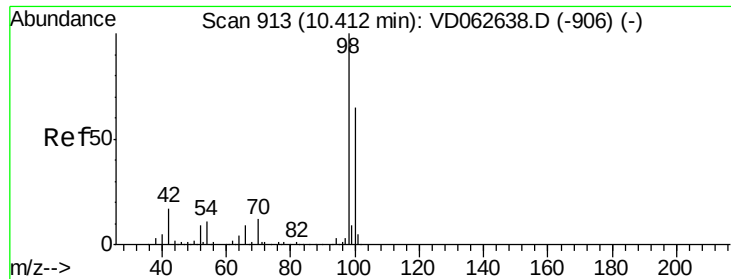
69 8.5 39.8 59.6#

39 38.8 59.1 88.7#



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

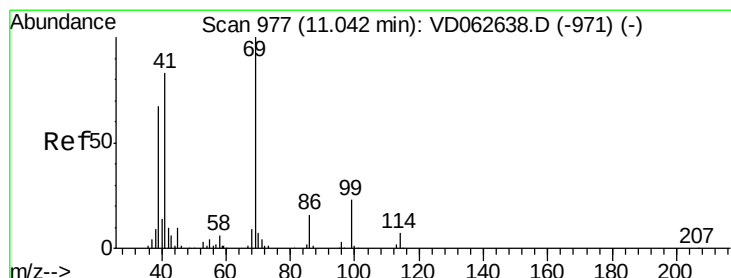
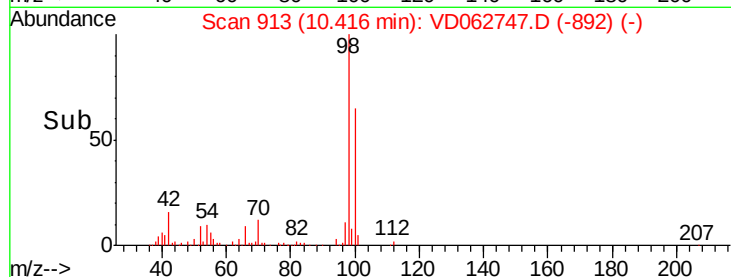
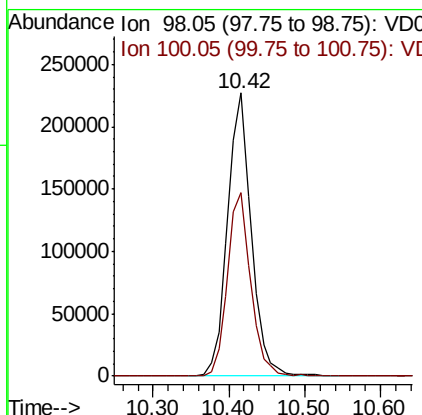
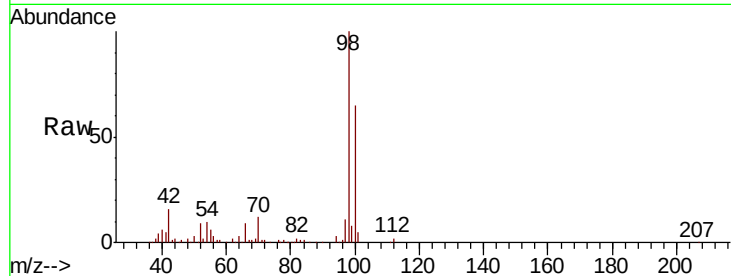




#50
Toluene-d8
Concen: 34.408 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

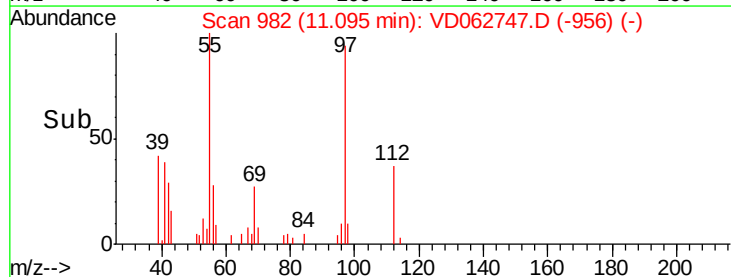
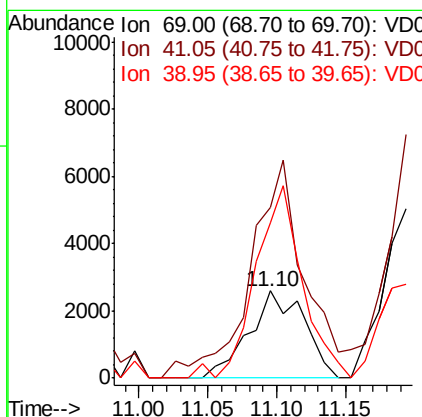
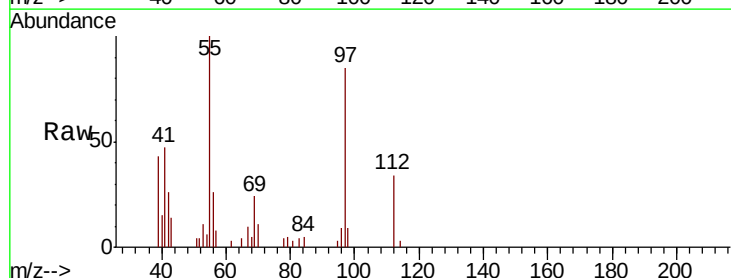
Instrument :
MSVOA_D
ClientSampled :

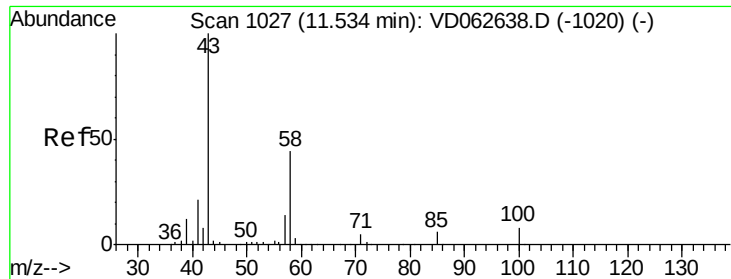
Tot Ion: 98 Resp: 490707
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#56
Ethyl methacrylate
Concen: 5.598 ug/l
RT: 11.10 min Scan# 982
Delta R.T. 0.05 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 69 Resp: 7187
Ion Ratio Lower Upper
69 100
41 195.5 66.2 99.4#
39 178.2 53.8 80.8#

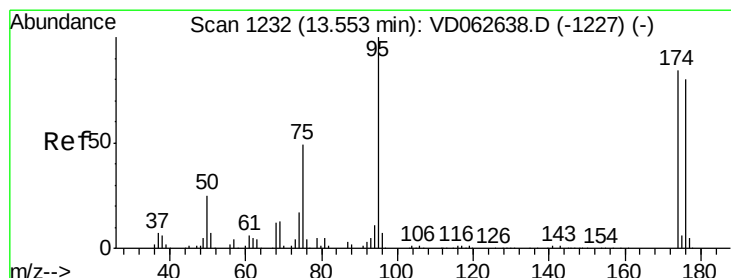
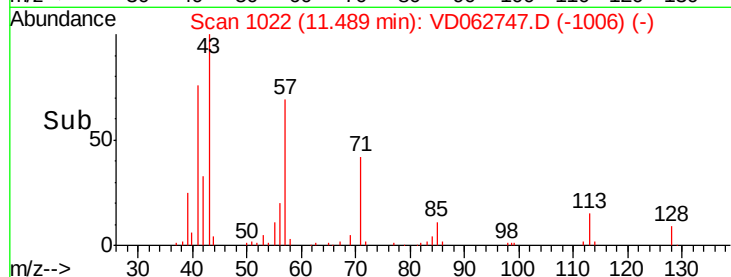
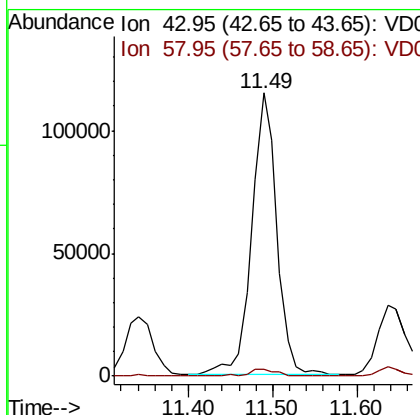
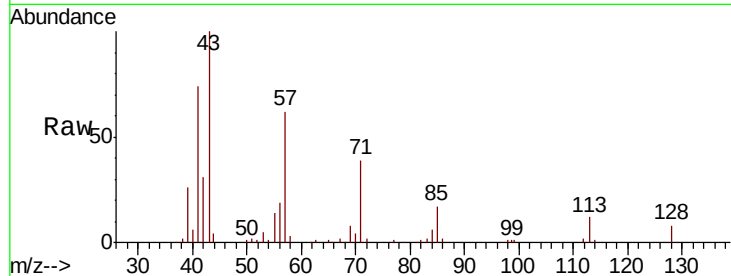




#59
2-Hexanone
Concen: 119.289 ug/l
RT: 11.49 min Scan# 1022
Delta R.T. -0.05 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

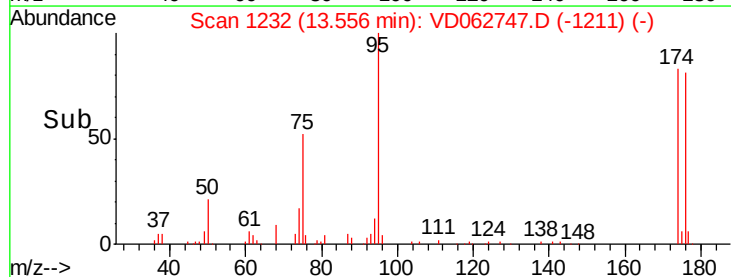
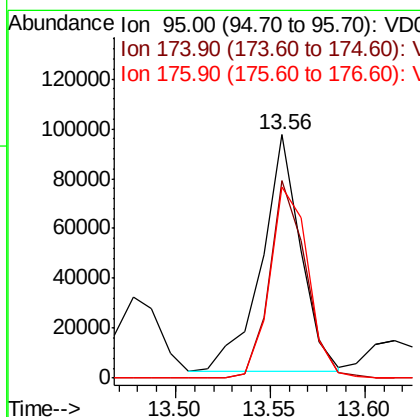
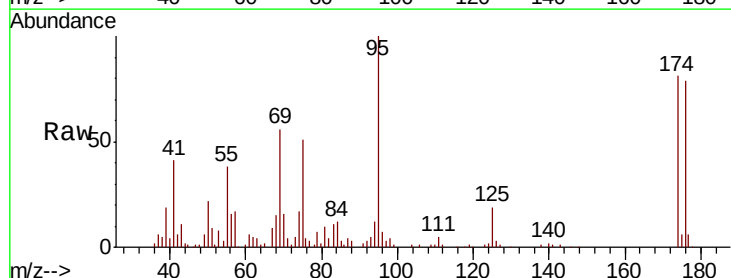
Instrument :
MSVOA_D
ClientSampled :

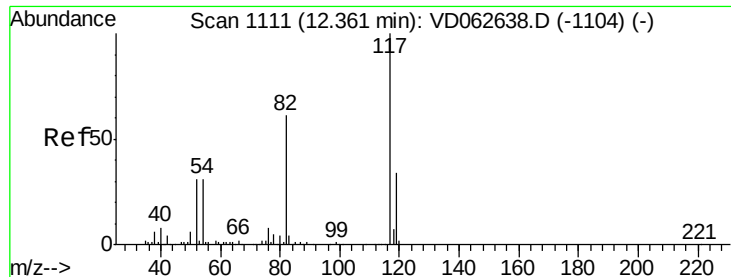
Tot Ion: 43 Resp: 241023
Ion Ratio Lower Upper
43 100
58 2.6 21.8 65.4#



#62
4-Bromofluorobenzene
Concen: 20.485 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 95 Resp: 136295
Ion Ratio Lower Upper
95 100
174 81.0 0.0 167.0
176 78.7 0.0 159.2

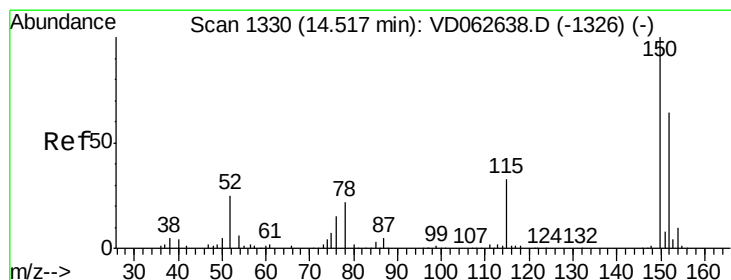
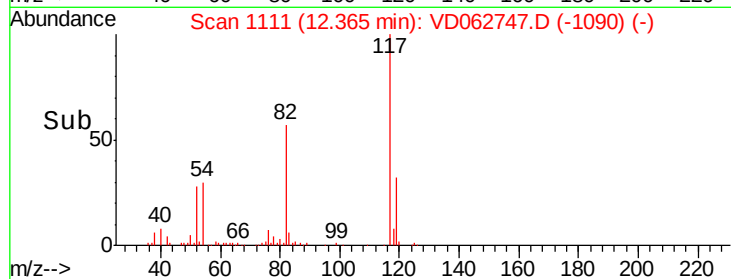
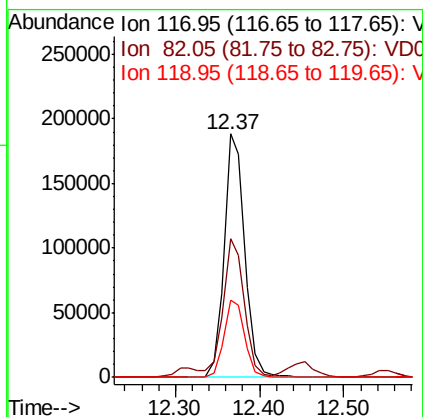
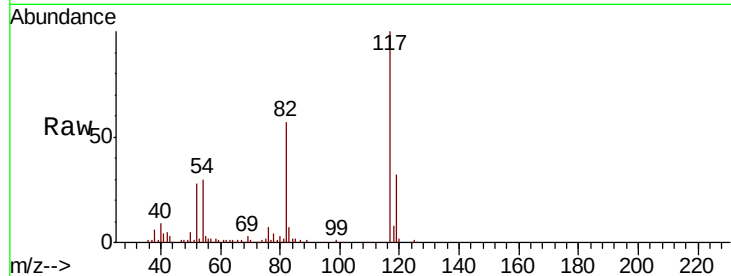




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

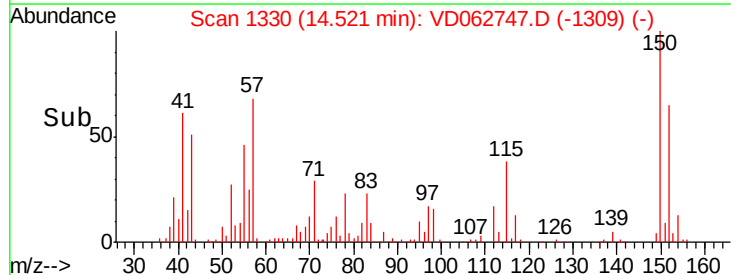
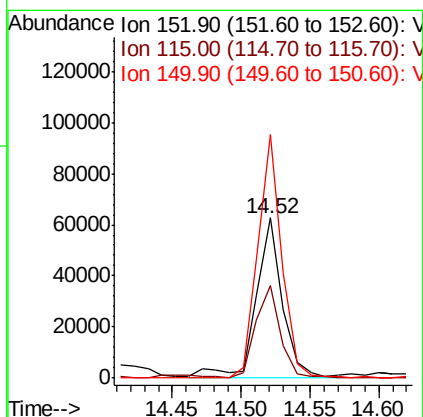
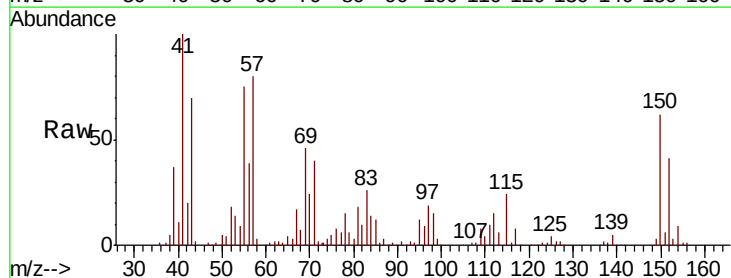
Instrument :
MSVOA_D
ClientSampled :

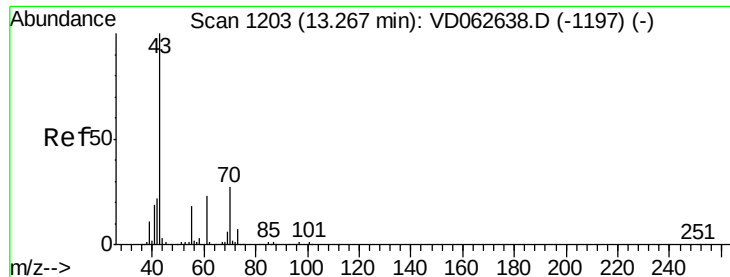
Tot Ion:117 Resp: 316602
Ion Ratio Lower Upper
117 100
82 57.1 48.7 73.1
119 31.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion:152 Resp: 83802
Ion Ratio Lower Upper
152 100
115 58.1 30.1 90.5
150 152.1 0.0 314.0

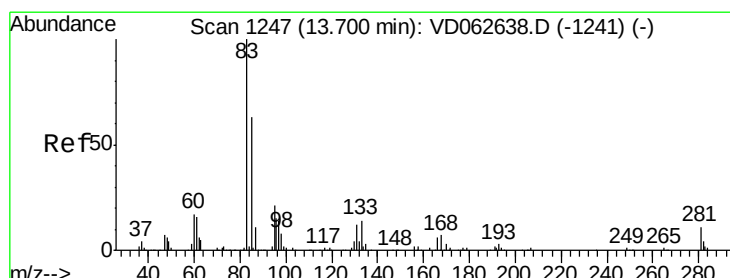
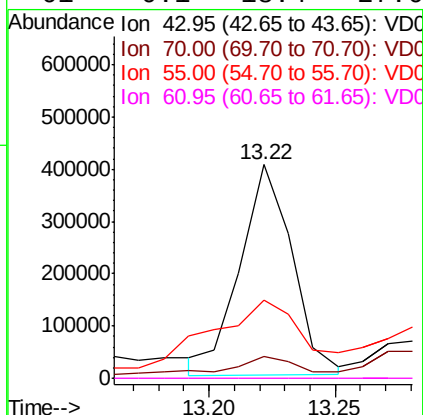
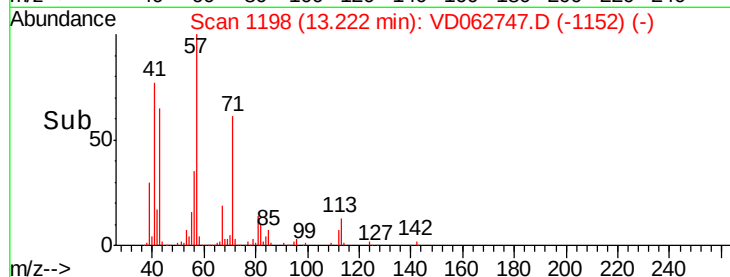
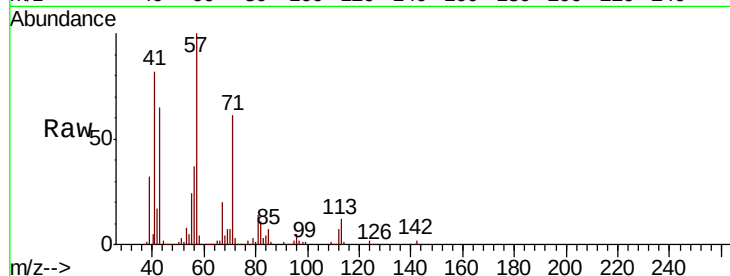




#74
N-amvl acetate
Concen: 364.463 ug/l
RT: 13.22 min Scan# 1198
Delta R.T. -0.05 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

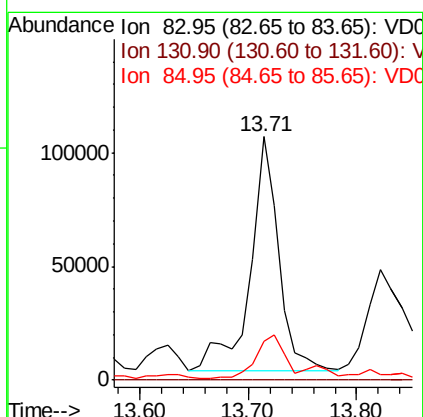
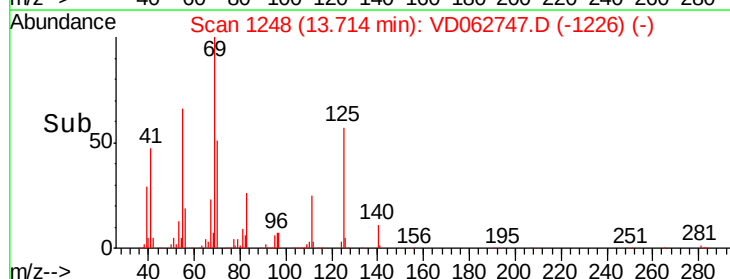
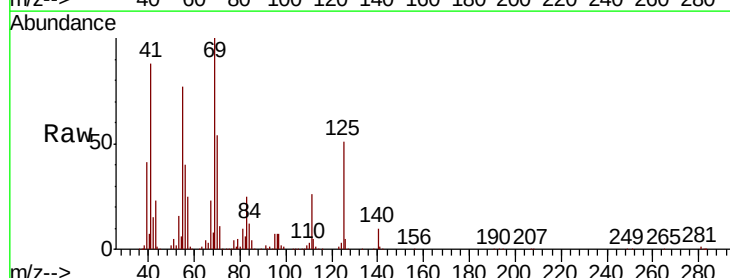
Instrument :
MSVOA_D
ClientSampleId :

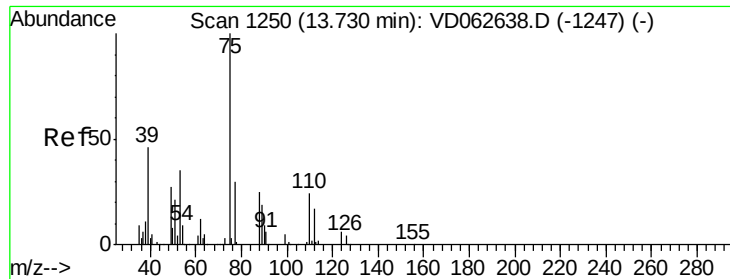
Tot Ion: 43 Resp: 581810
Ion Ratio Lower Upper
43 100
70 10.0 21.8 32.8#
55 36.8 14.6 21.8#
61 0.1 18.4 27.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 186.658 ug/l
RT: 13.71 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion: 83 Resp: 188654
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.7#
85 15.9 31.3 93.9#

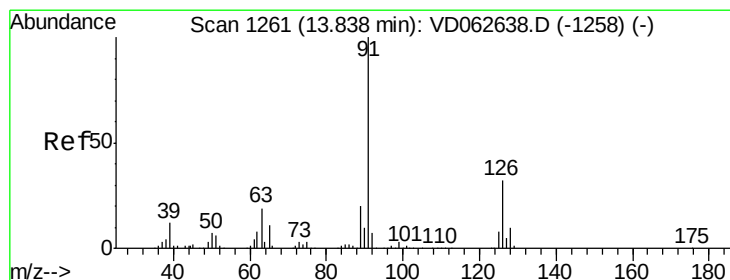
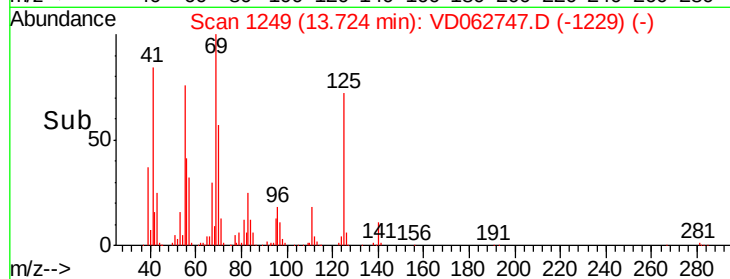
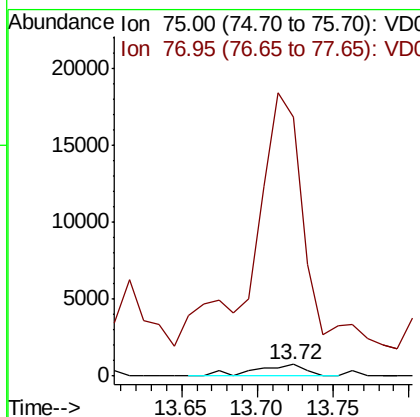
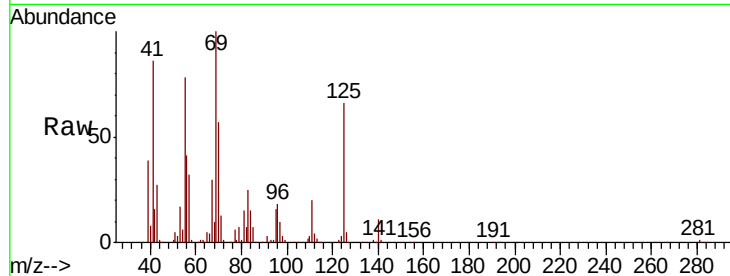




#76
 1,2,3-Trichloropropane
 Concen: 1.519 ug/l
 RT: 13.72 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

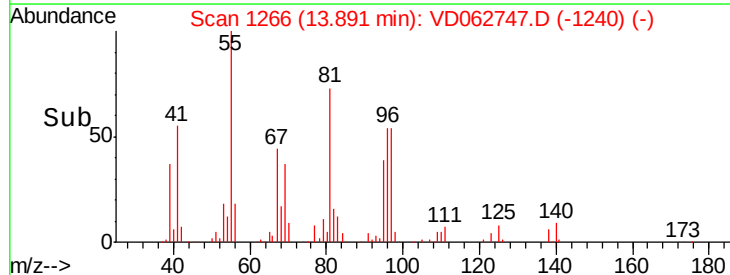
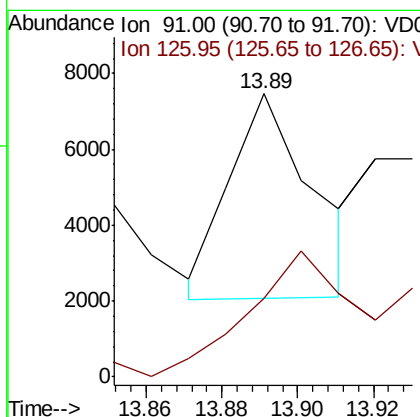
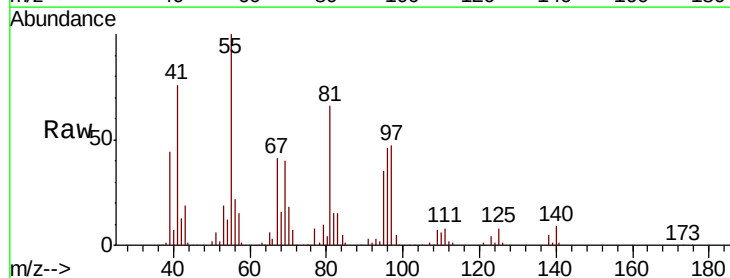
Instrument :
 MSVOA_D
 ClientSampleId :

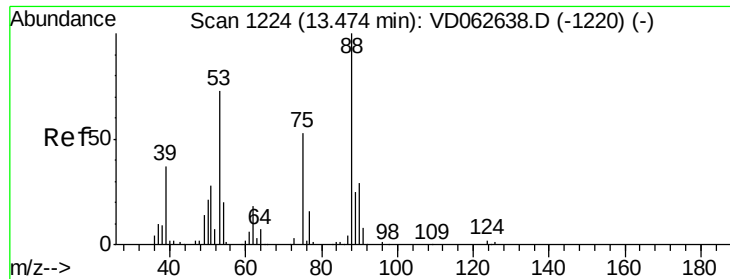
Tot Ion: 75 Resp: 1726
 Ion Ratio Lower Upper
 75 100
 77 2224.0 16.2 48.6#



#79
 2-Chlorotoluene
 Concen: 1.926 ug/l
 RT: 13.89 min Scan# 1266
 Delta R.T. 0.05 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion: 91 Resp: 8152
 Ion Ratio Lower Upper
 91 100
 126 27.7 15.8 47.4





#81

trans-1,4-Dichloro-2-butene

Concen: 171.298 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

ClientSampled :

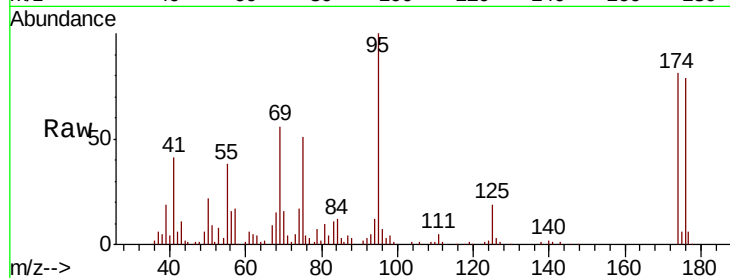
Tot Ion: 75 Resp: 61175

Ion Ratio Lower Upper

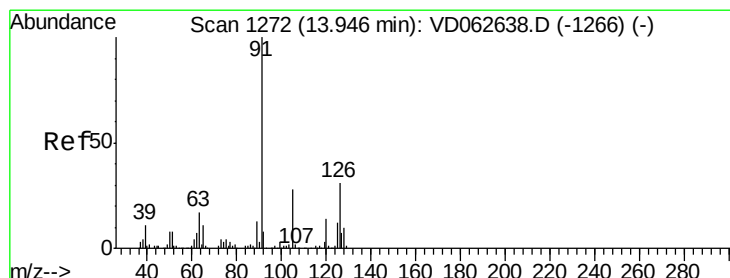
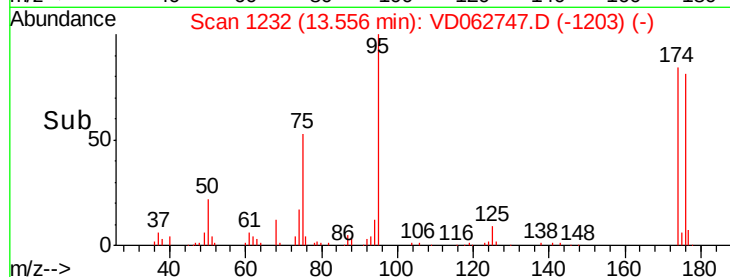
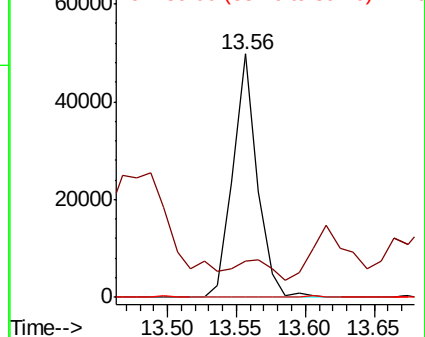
75 100

53 15.0 109.4 164.2#

89 0.0 37.0 55.6#



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



#82

4-Chlorotoluene

Concen: 1.436 ug/l

RT: 13.97 min Scan# 1274

Delta R.T. 0.02 min

Lab File: VD062747.D

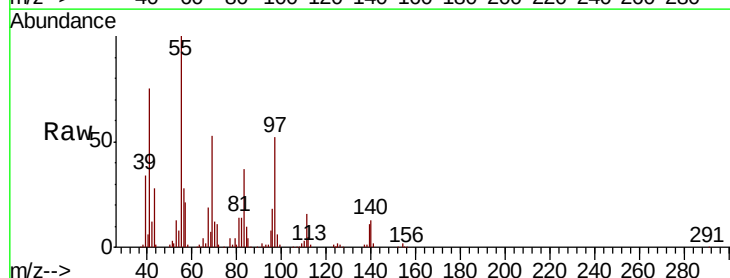
Acq: 18 Jun 2019 14:09

Tgt Ion: 91 Resp: 7270

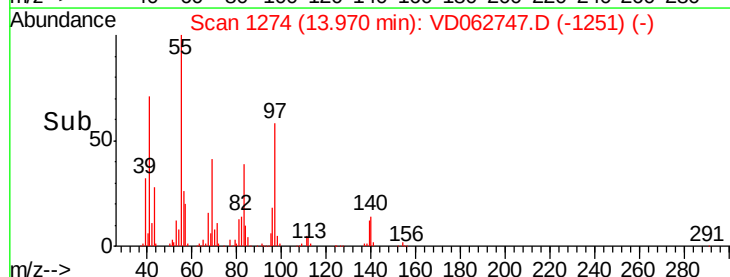
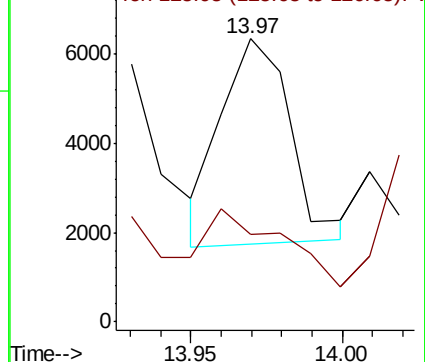
Ion Ratio Lower Upper

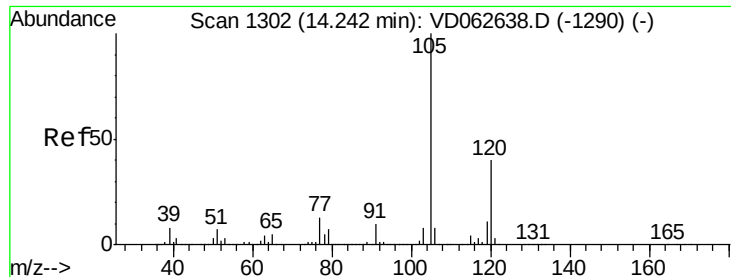
91 100

126 30.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

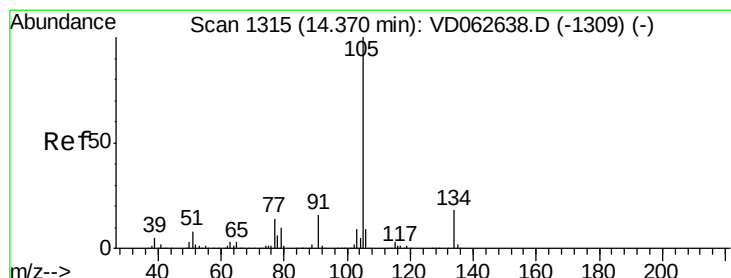
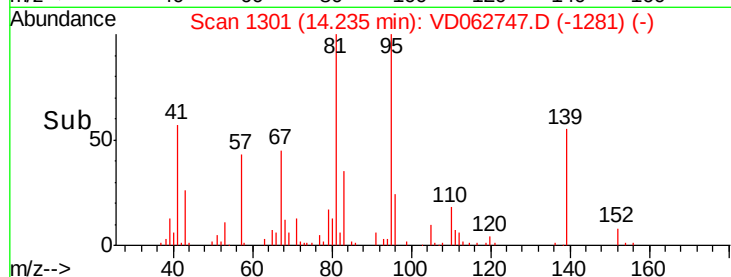
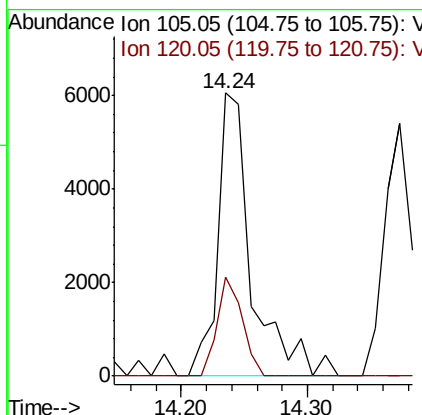
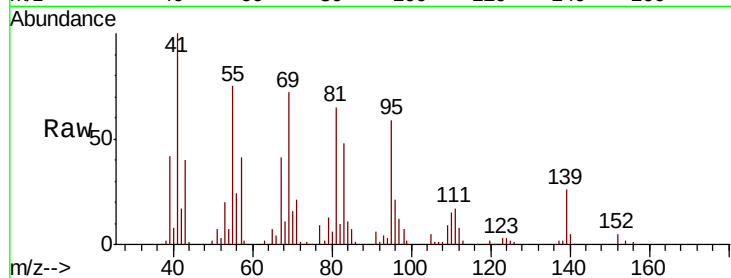




#84
 1,2,4-Trimethylbenzene
 Concen: 2.184 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

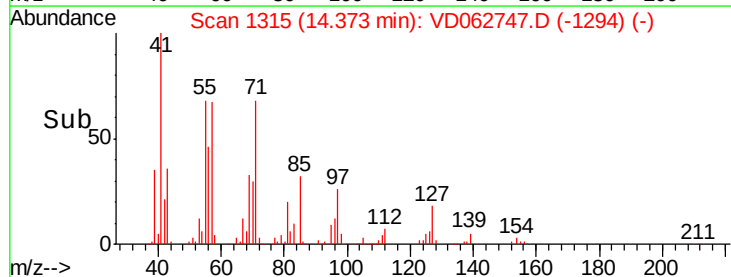
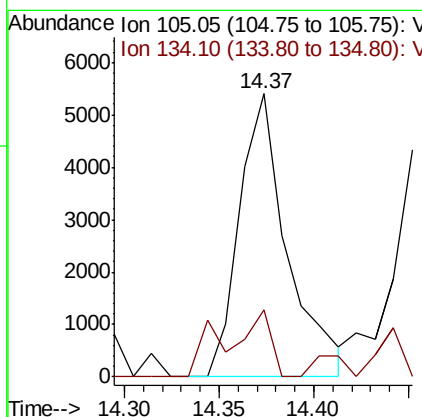
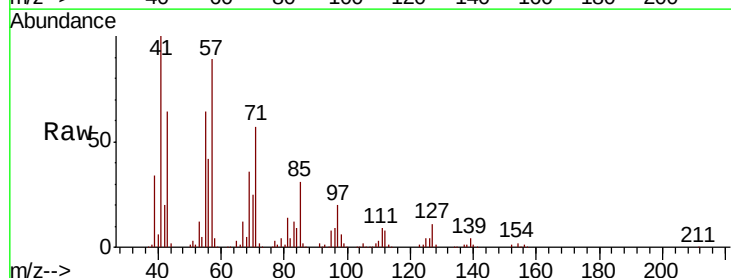
Instrument :
 MSVOA_D
 ClientSampleId :

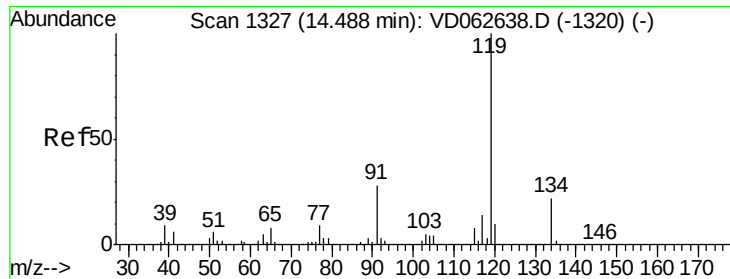
Tot Ion:105 Resp: 11290
 Ion Ratio Lower Upper
 105 100
 120 35.1 20.3 60.8



#85
 sec-Butylbenzene
 Concen: 1.569 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion:105 Resp: 9474
 Ion Ratio Lower Upper
 105 100
 134 23.7 8.8 26.2

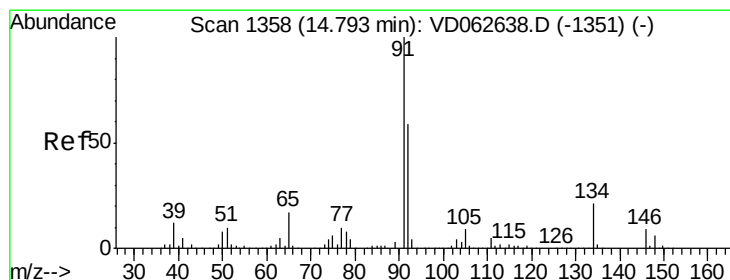
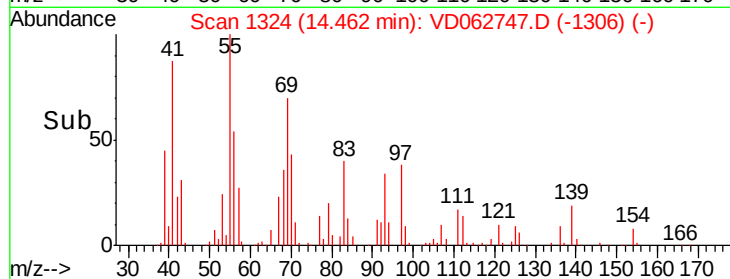
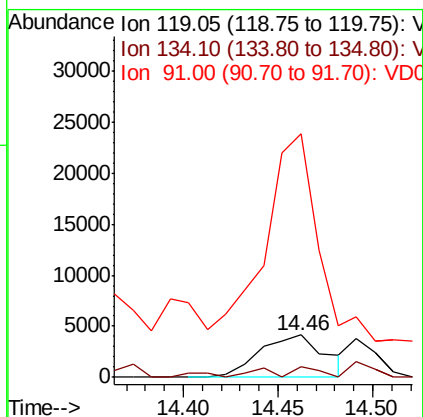
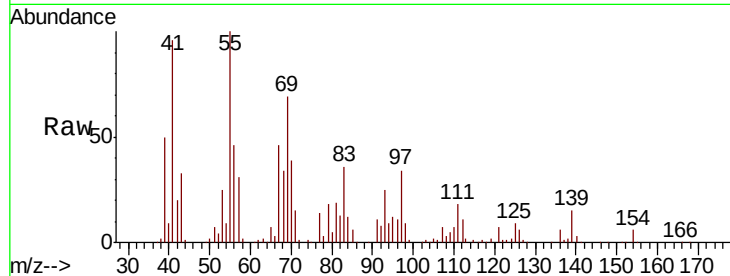




#86
 p-Isopropyltoluene
 Concen: 1.695 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

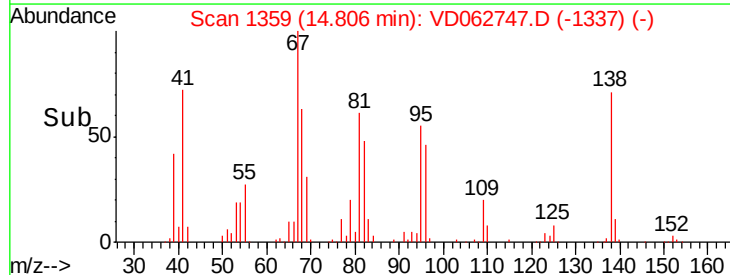
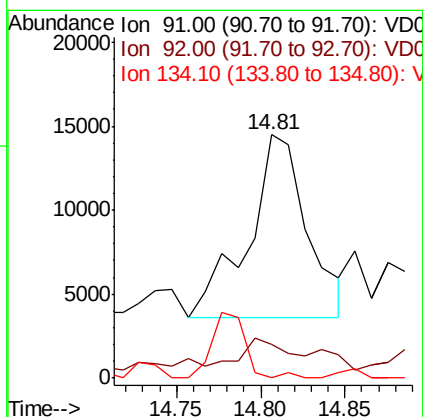
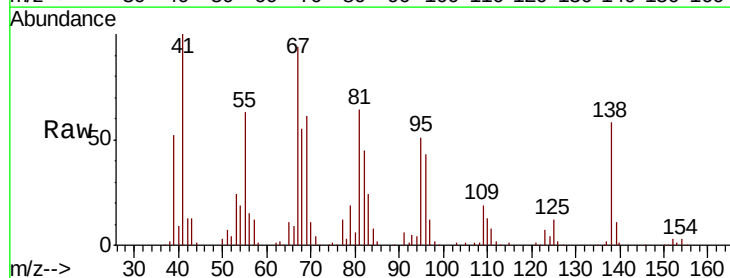
Instrument :
 MSVOA_D
 ClientSampled :

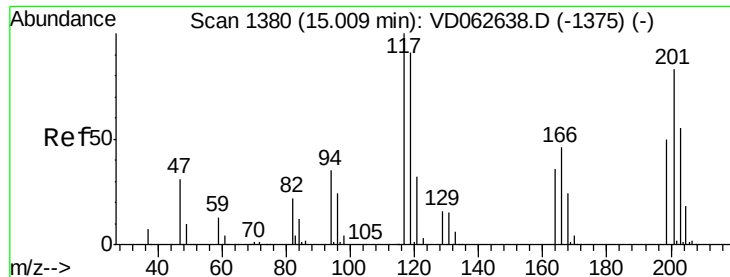
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	10.9	32.6
91	575.9	13.9	41.6#



#89
 n-Butylbenzene
 Concen: 5.039 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	13.8	29.4	88.3#
134	0.0	10.4	31.2#





#90

Hexachloroethane

Concen: 1.407 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

Instrument :

MSVOA_D

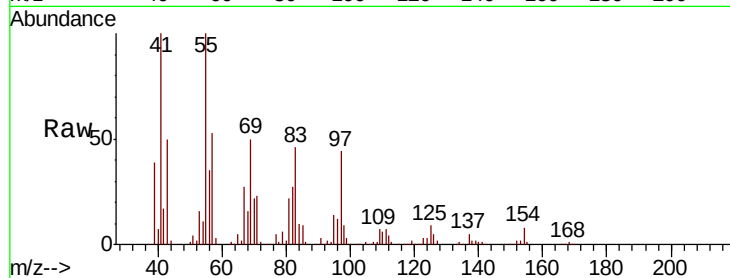
ClientSampleId :

Tot Ion:117 Resp: 2184

Ion Ratio Lower Upper

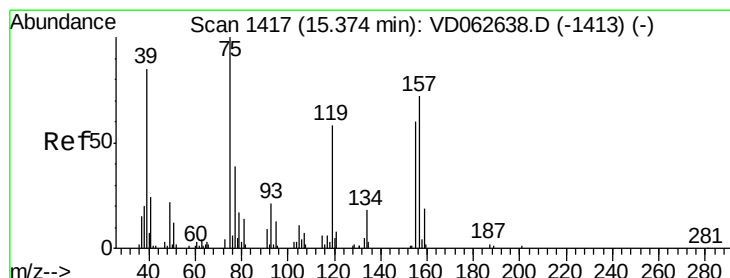
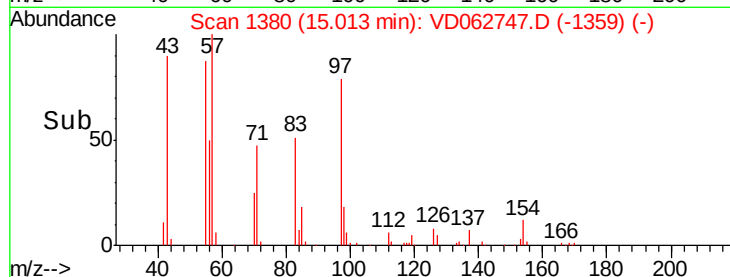
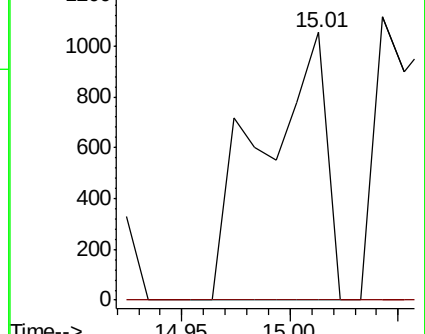
117 100

201 0.0 41.5 124.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.854 ug/l

RT: 15.39 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD062747.D

Acq: 18 Jun 2019 14:09

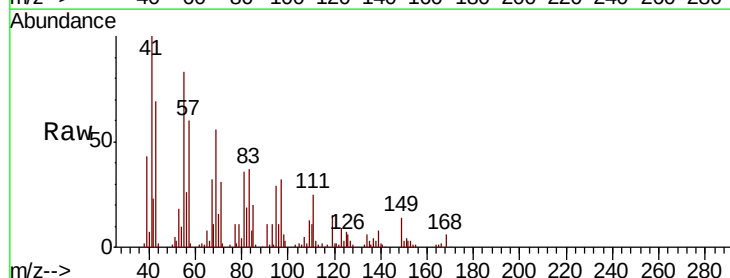
Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

155 165.9 30.1 90.5#

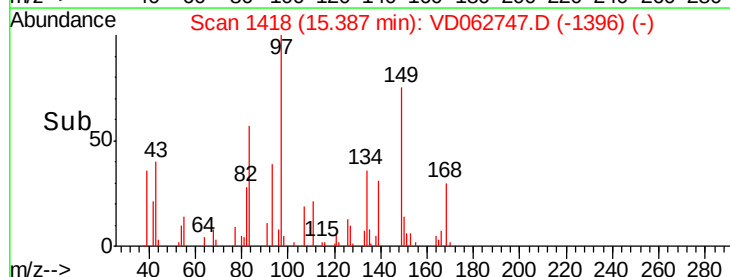
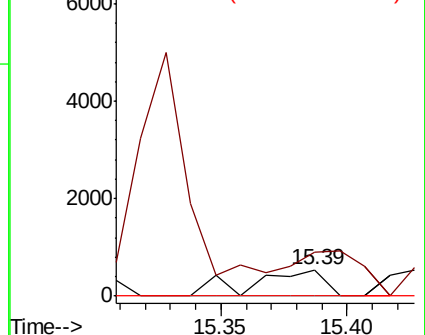
157 0.0 35.9 107.8#

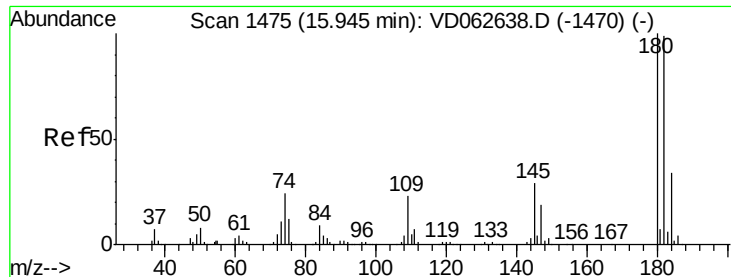


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

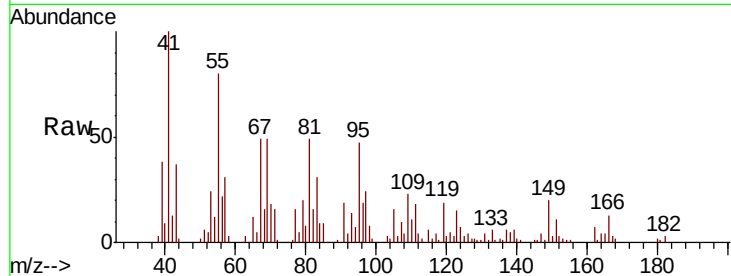




#93
1,2,4-Trichlorobenzene
Concen: 4.395 ug/l
RT: 15.88 min Scan# 1468
Delta R.T. -0.06 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	142.1	49.4	148.2
145	32.5	14.5	43.6

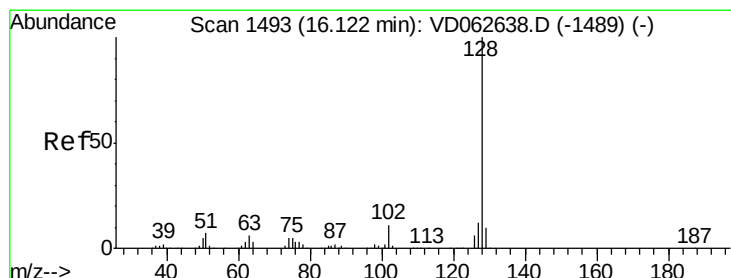
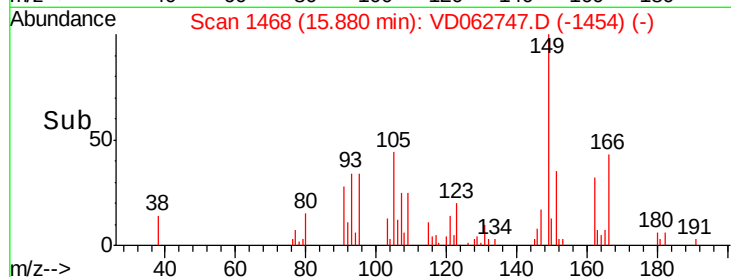
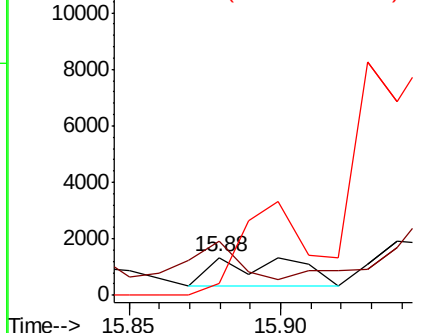


Abundance

Ion 179.85 (179.55 to 180.55): V

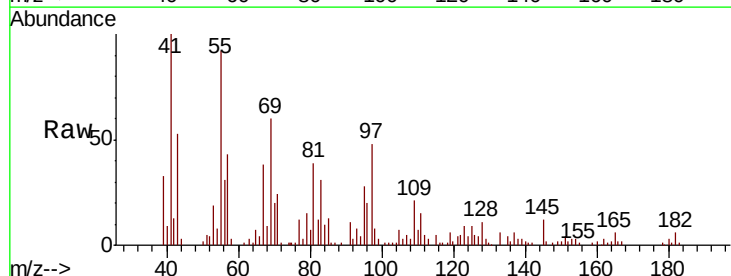
Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V



#95
Naphthalene
Concen: 6.465 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062747.D
Acq: 18 Jun 2019 14:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	39.8	9.7	14.5#
129	30.0	8.1	12.1#

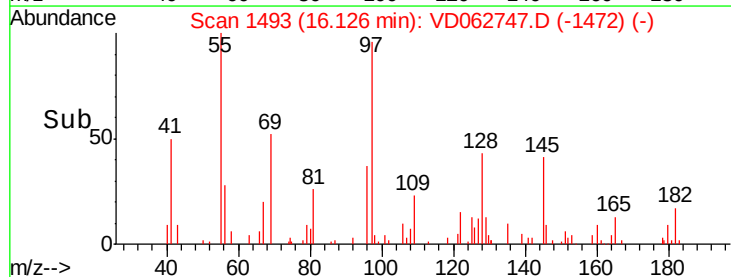
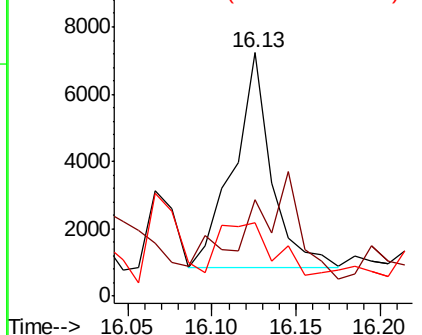


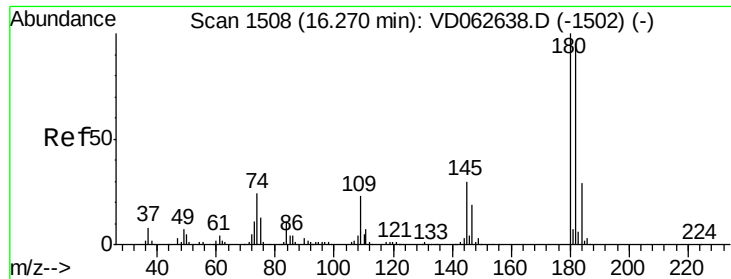
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

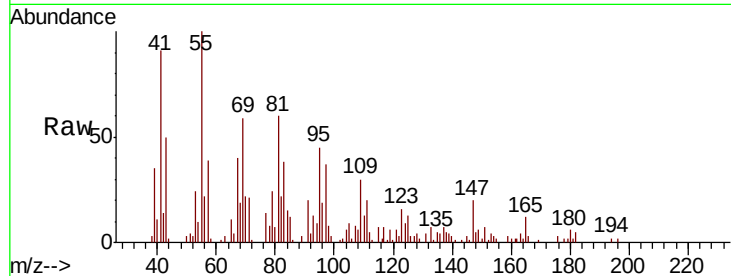




#96
 1,2,3-Trichlorobenzene
 Concen: 1.033 ug/l
 RT: 16.33 min Scan# 1514
 Delta R.T. 0.06 min
 Lab File: VD062747.D
 Acq: 18 Jun 2019 14:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.5	47.7	143.1
145	39.7	15.0	45.0



Abundance

Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

