

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103019\
 Data File : VD064112.D
 Acq On : 30 Oct 2019 13:52
 Operator : VA/SY
 Sample : K5148-13
 Misc : 7.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:03:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

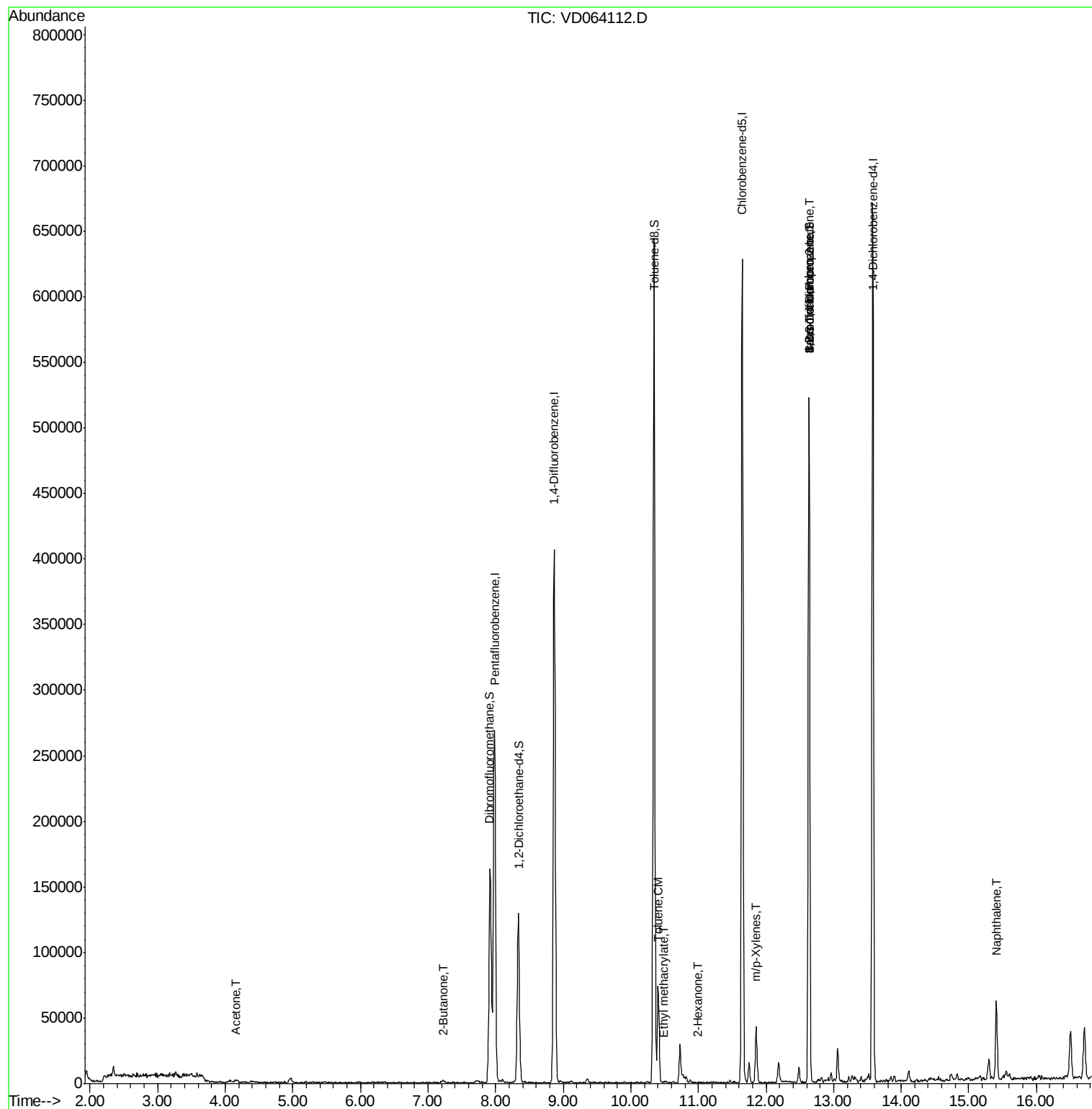
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	216165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	367330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	369084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	100330	58.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.72%	
35) Dibromofluoromethane	7.92	113	116765	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.34	98	445773	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.64	95	148138	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	4135	12.641	ug/l	89
20) Methylene Chloride	4.96	84	3119	Below Cal	#	76
25) 2-Butanone	7.23	43	1189	2.629	ug/l	91
52) Toluene	10.40	92	30054	4.569	ug/l	87
56) Ethyl methacrylate	10.48	69	57	3.042	ug/l #	24
59) 2-Hexanone	11.00	43	168	9.191	ug/l #	22
68) m/p-Xylenes	11.86	106	13336	2.444	ug/l	93
71) Bromoform	12.64	173	2147	1.409	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	79297	66.542	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	79297	135.895	ug/l #	15
95) Naphthalene	15.41	128	54066	8.987	ug/l	98

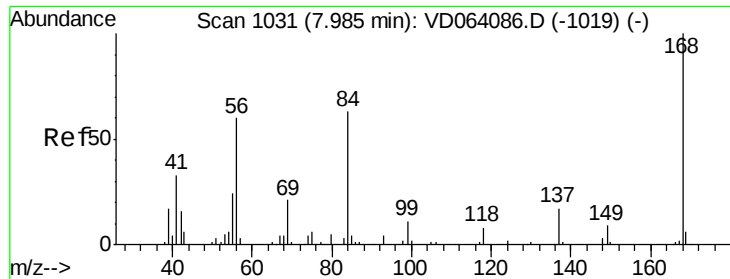
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103019\
Data File : VD064112.D
Acq On : 30 Oct 2019 13:52
Operator : VA/SY
Sample : K5148-13
Misc : 7.86G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 31 04:03:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

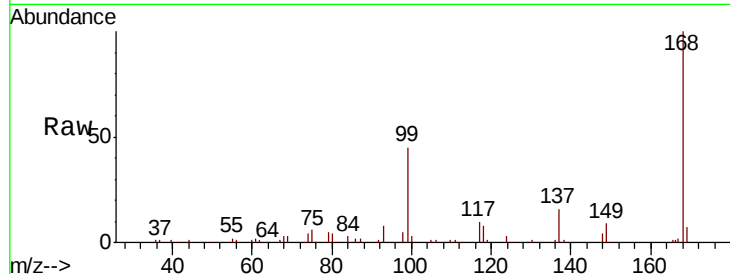
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 216165

Ion Ratio Lower Upper

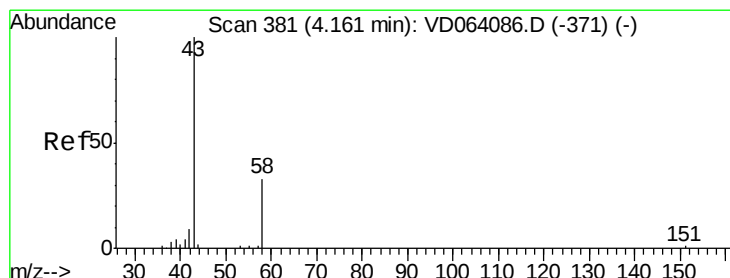
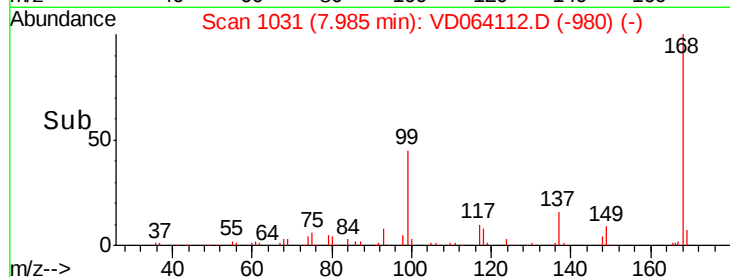
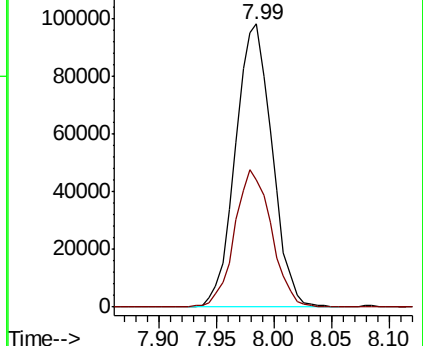
168 100

99 44.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.641 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD064112.D

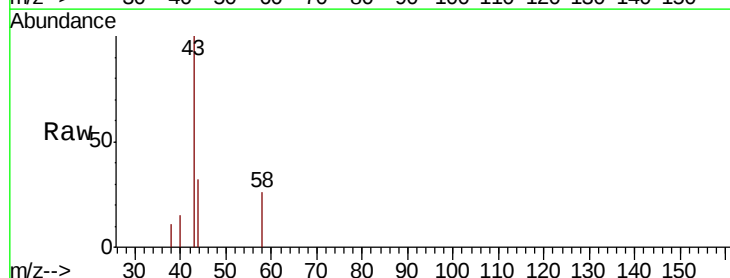
Acq: 30 Oct 2019 13:52

Tgt Ion: 43 Resp: 4135

Ion Ratio Lower Upper

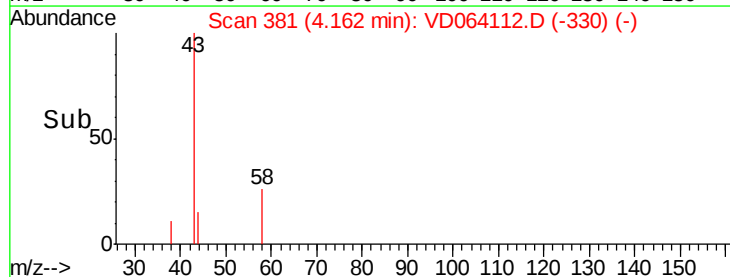
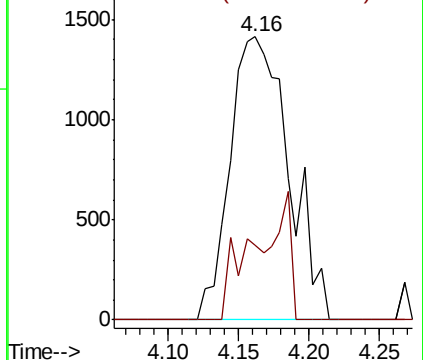
43 100

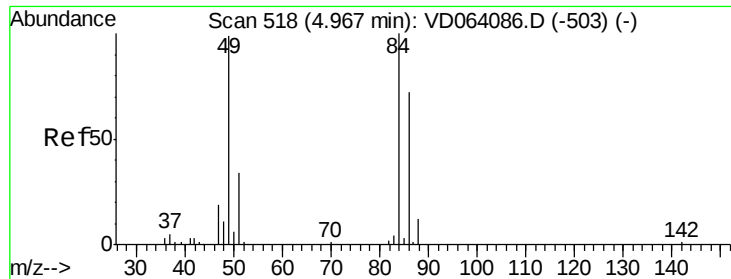
58 26.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

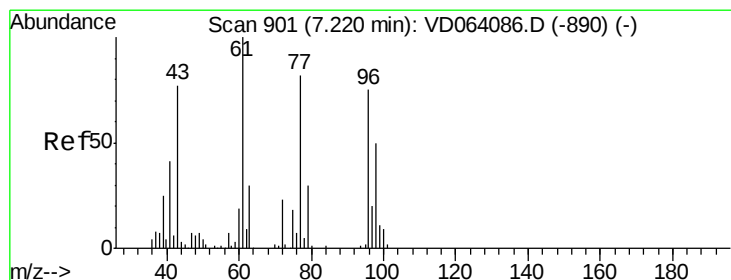
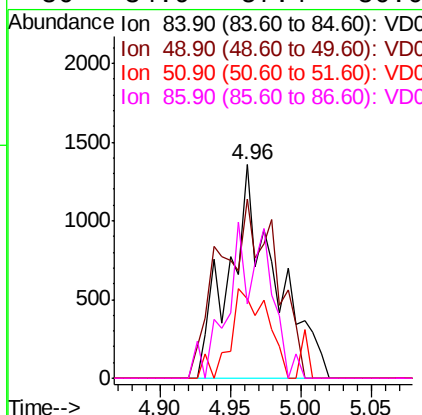
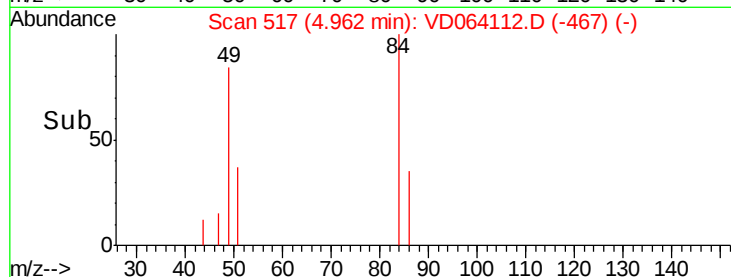
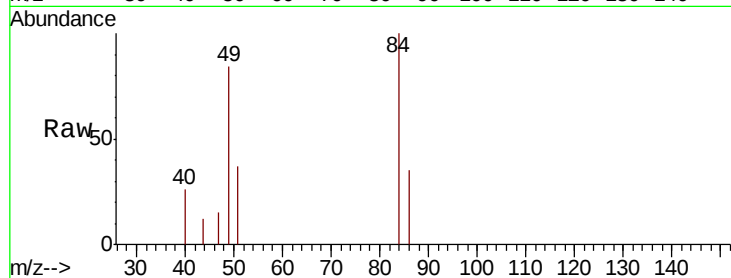




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

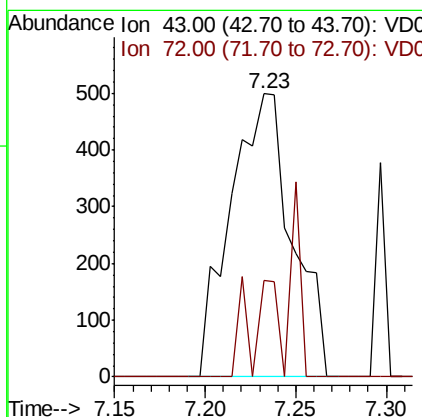
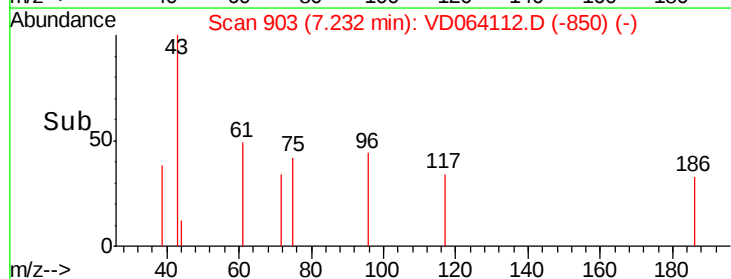
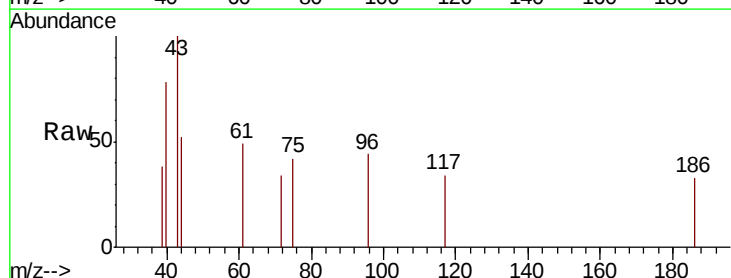
Instrument :
MSVOA_D
ClientSampled :

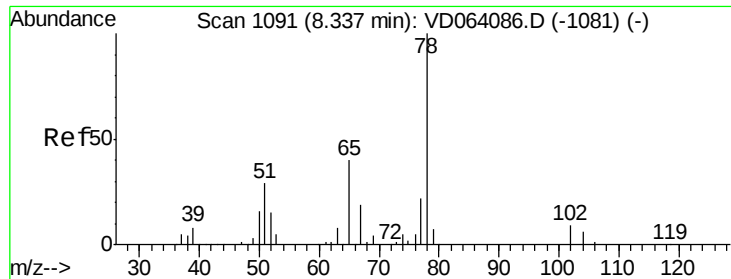
Tot Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
49 84.1 79.4 119.0
51 37.4 27.4 41.2
86 34.9 57.4 86.0#



#25
2-Butanone
Concen: 2.629 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
72 34.3 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 58.359 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

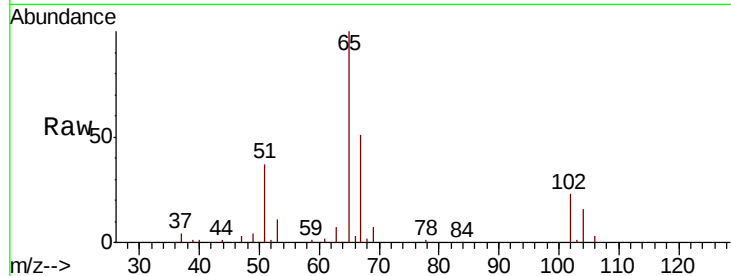
ClientSampleId :

Tot Ion: 65 Resp: 100330

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

50000

40000

30000

20000

10000

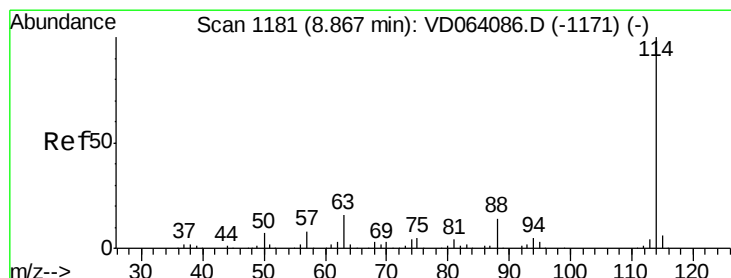
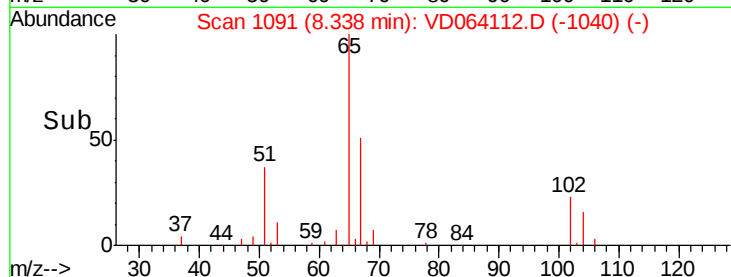
0

8.20

8.30

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

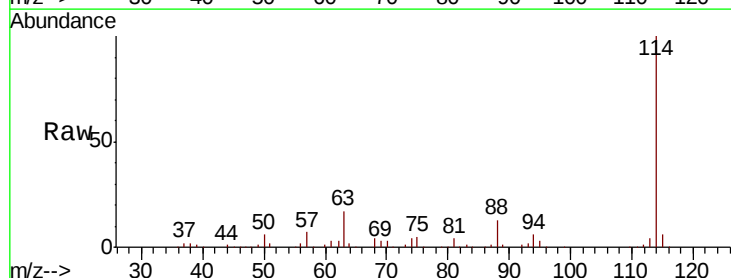
Tgt Ion: 114 Resp: 367330

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.8

88 13.3 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

250000

200000

150000

100000

50000

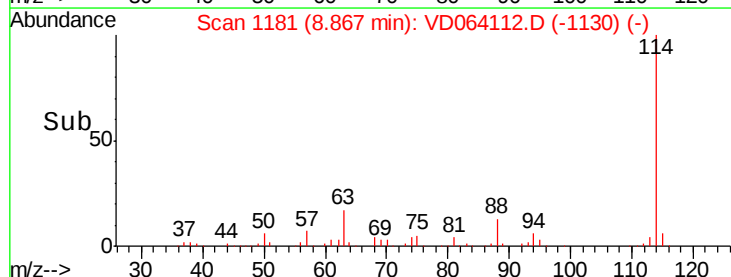
0

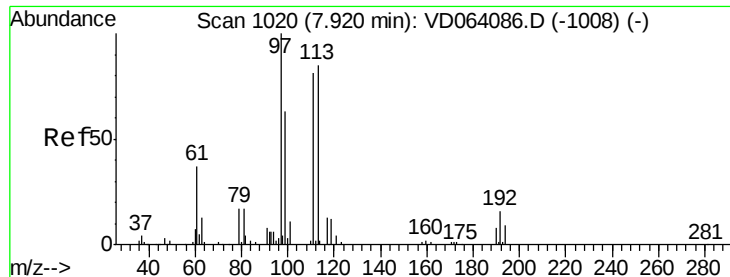
8.80

8.90

9.00

Time-->





#35

Dibromofluoromethane

Concen: 51.668 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

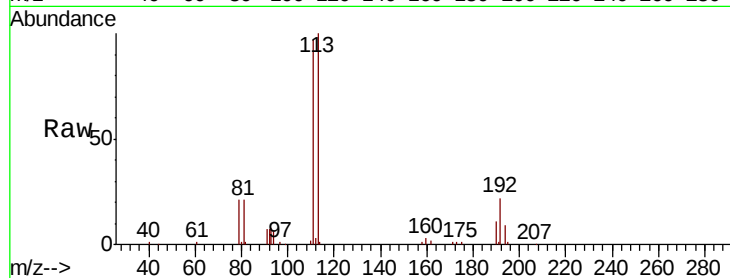
Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:113 Resp: 116765

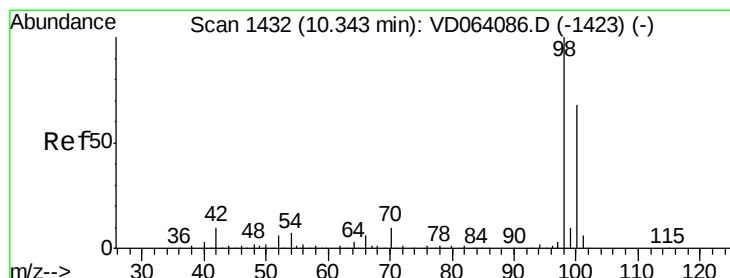
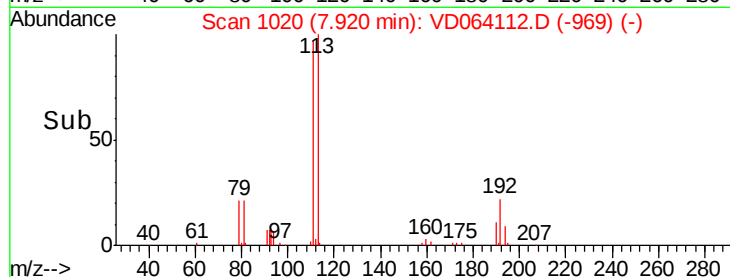
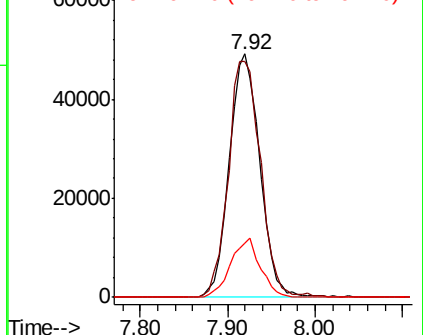
Ion	Ratio	Lower	Upper
113	100		
111	101.4	79.3	118.9
192	23.3	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.323 ug/l

RT: 10.34 min Scan# 1432

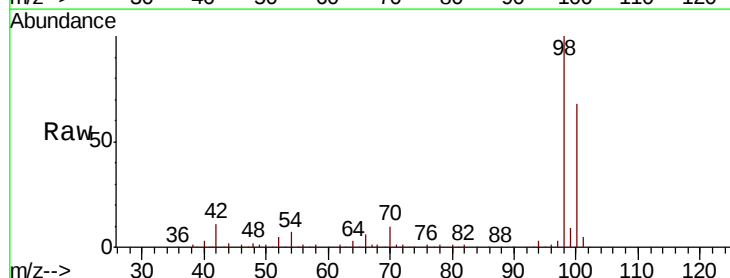
Delta R.T. 0.00 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

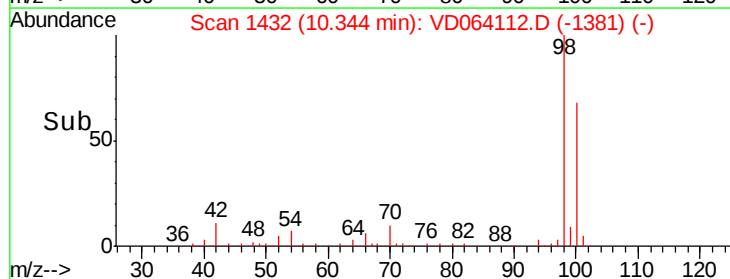
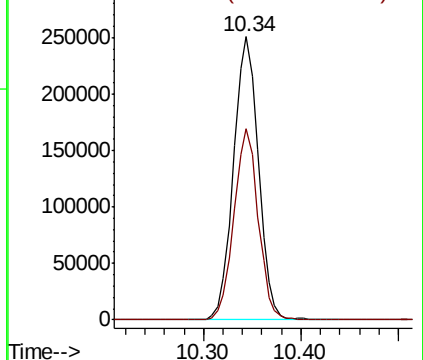
Tgt Ion: 98 Resp: 445773

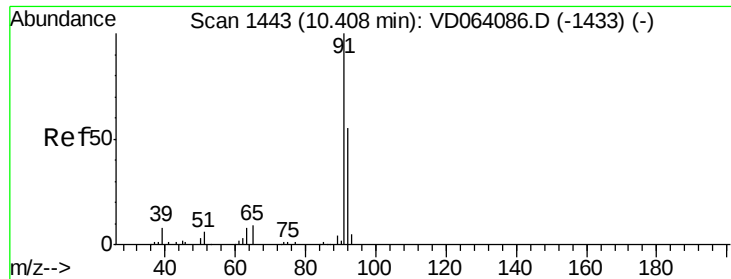
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 4.569 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

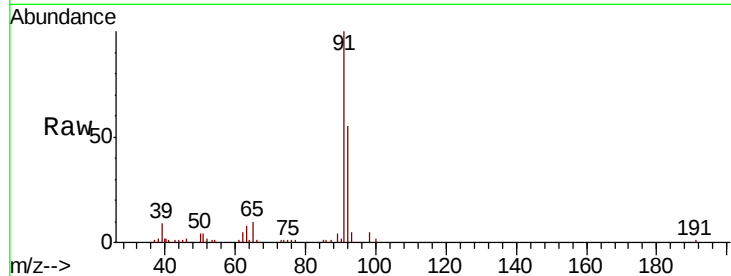
ClientSampleId :

Tot Ion: 92 Resp: 30054

Ion Ratio Lower Upper

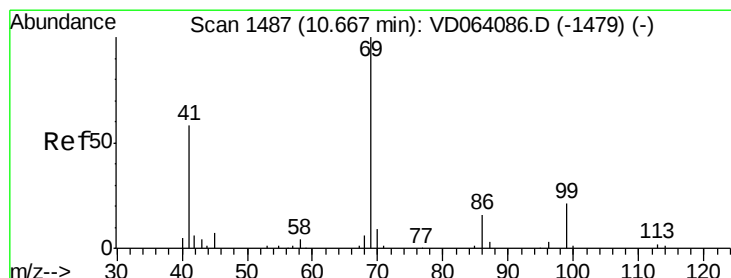
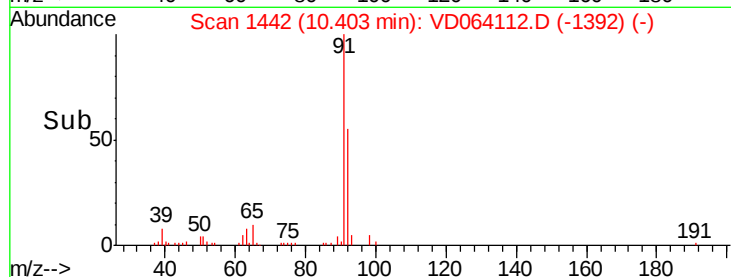
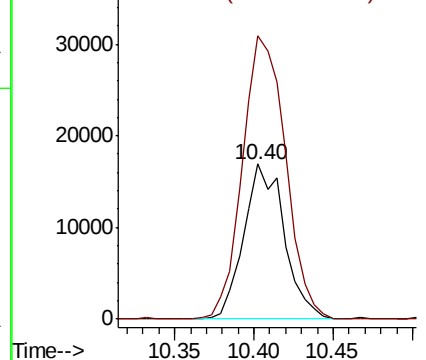
92 100

91 194.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#56

Ethyl methacrylate

Concen: 3.042 ug/l

RT: 10.48 min Scan# 1456

Delta R.T. -0.18 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

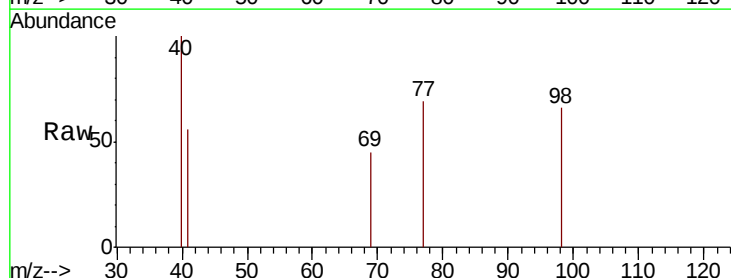
Tgt Ion: 69 Resp: 57

Ion Ratio Lower Upper

69 100

41 122.8 46.9 70.3#

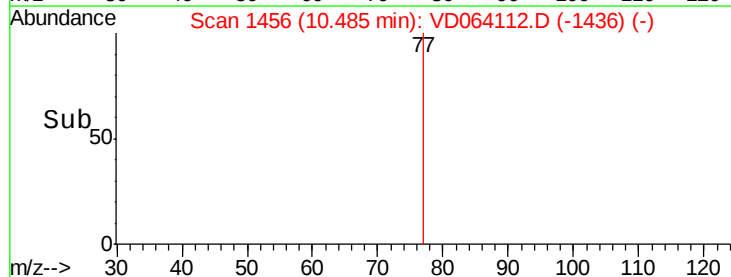
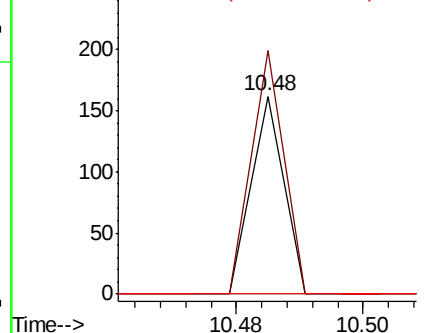
39 0.0 27.3 40.9#

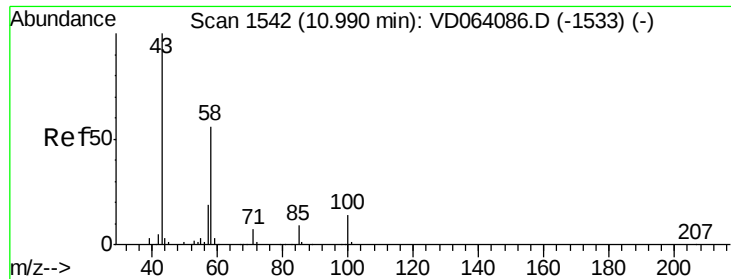


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

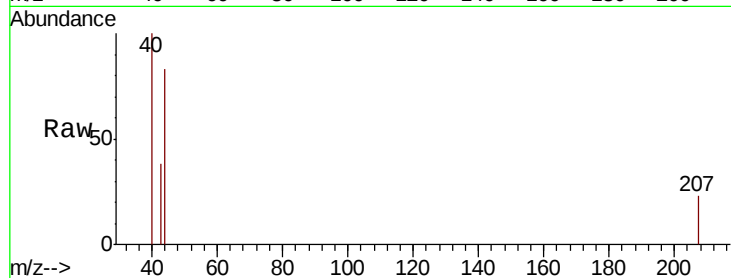




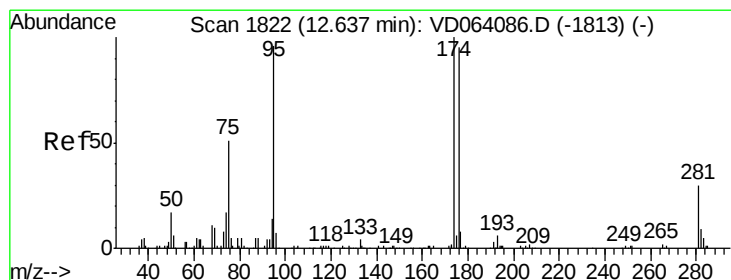
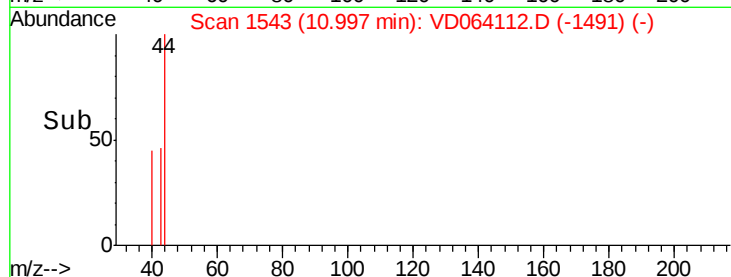
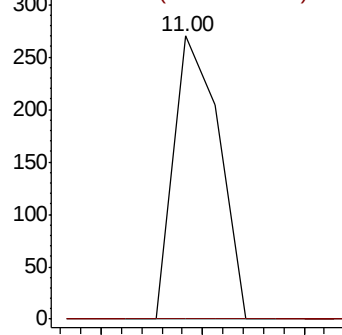
#59
2-Hexanone
Concen: 9.191 ug/l
RT: 11.00 min Scan# 1543
Delta R.T. 0.01 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 0.0 29.2 87.6#

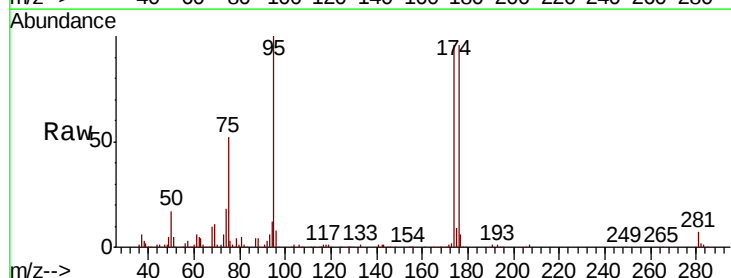


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

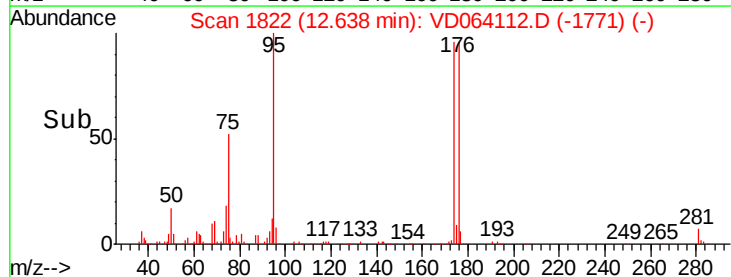
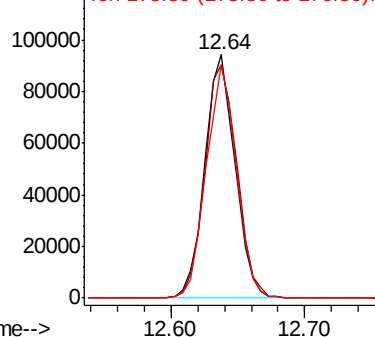


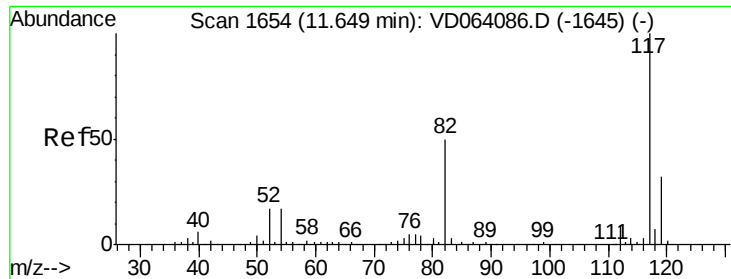
#62
4-Bromofluorobenzene
Concen: 49.440 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Tgt Ion: 95 Resp: 148138
Ion Ratio Lower Upper
95 100
174 101.2 0.0 201.6
176 95.8 0.0 192.6



Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

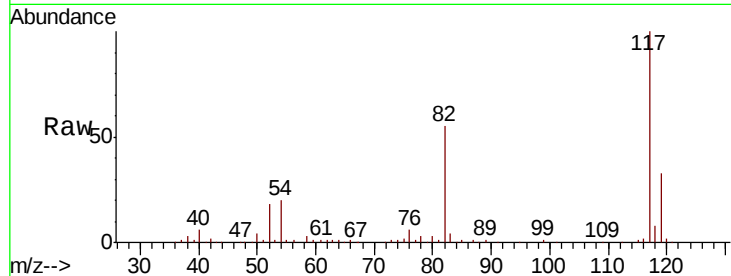




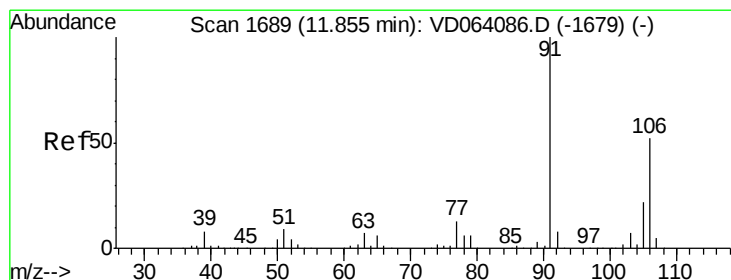
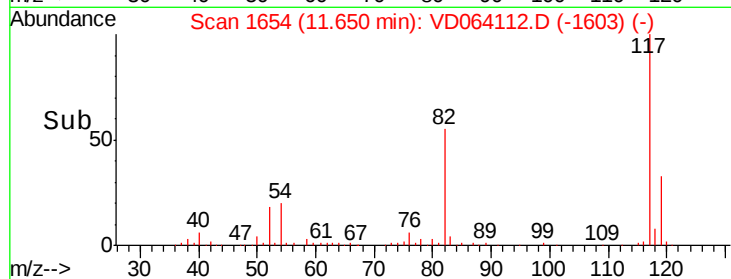
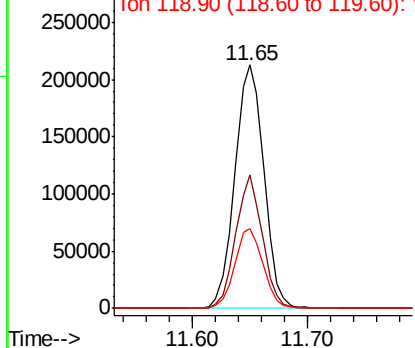
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 369084
Ion Ratio Lower Upper
117 100
82 54.8 40.2 60.4
119 32.8 26.0 39.0

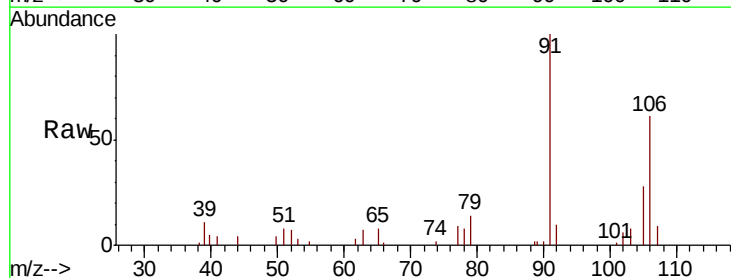


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VDC
Ion 118.90 (118.60 to 119.60): V

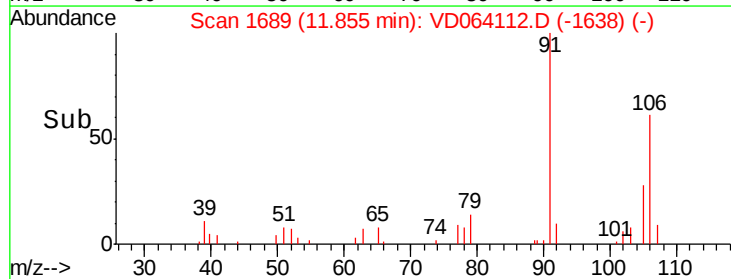
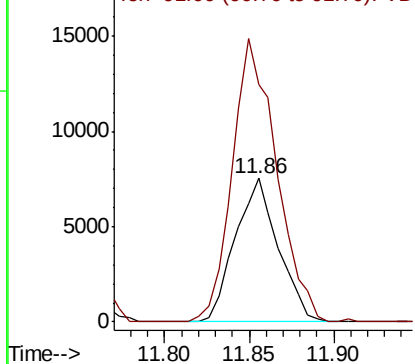


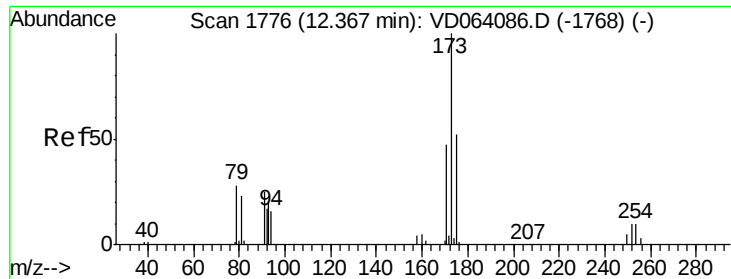
#68
m/p-Xylenes
Concen: 2.444 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Tgt Ion:106 Resp: 13336
Ion Ratio Lower Upper
106 100
91 202.3 154.0 231.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

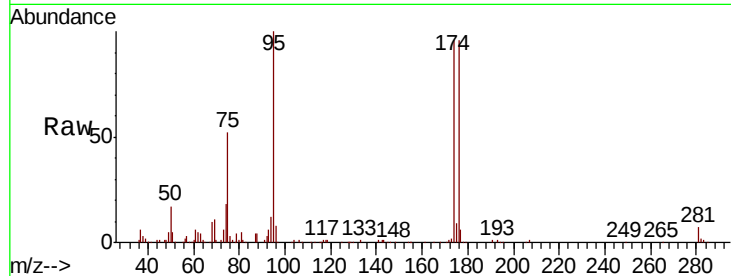




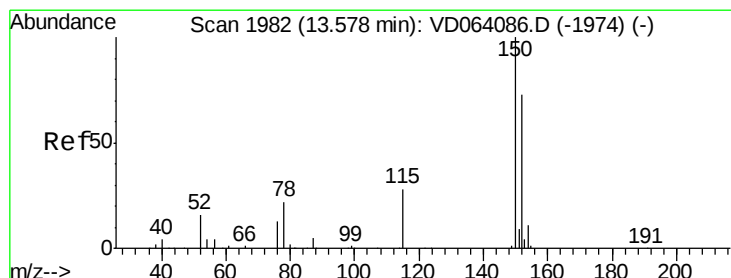
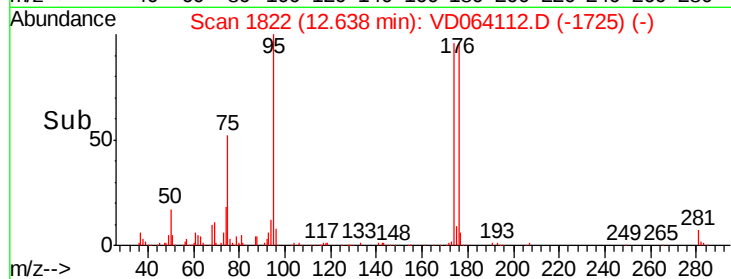
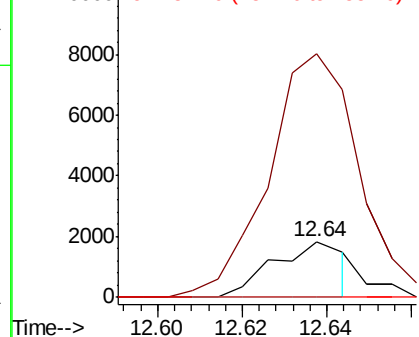
#71
Bromoform
Concen: 1.409 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.27 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:173 Resp: 2147
Ion Ratio Lower Upper
173 100
175 471.4 24.3 72.9#
254 0.0 0.0 0.0

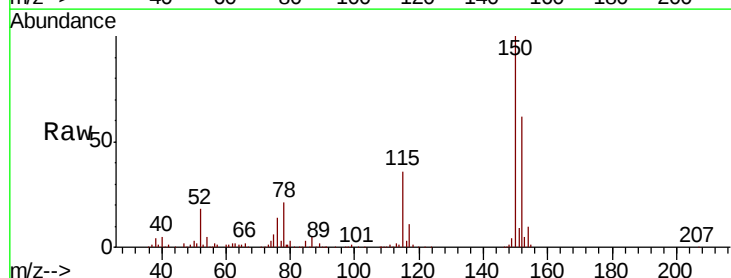


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

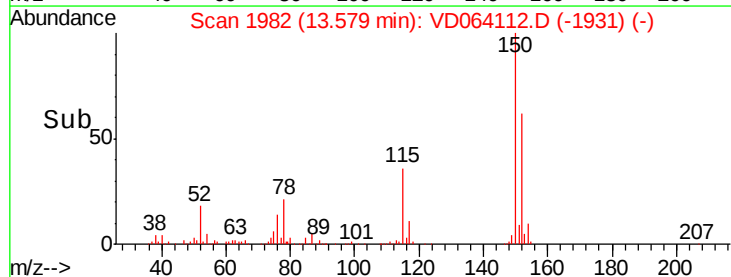
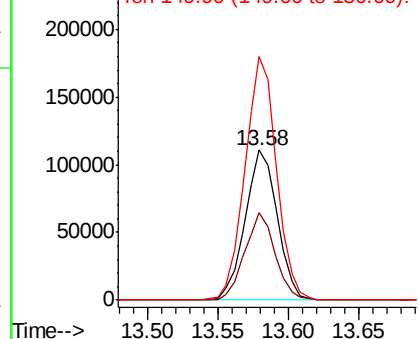


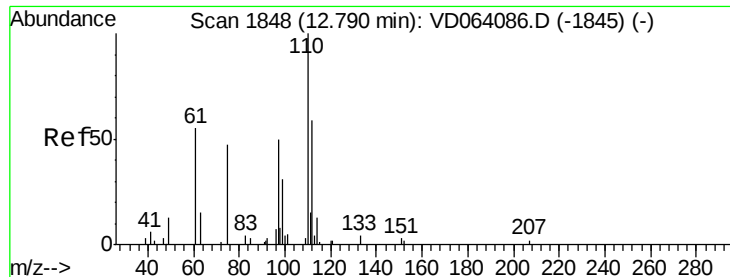
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Tgt Ion:152 Resp: 177350
Ion Ratio Lower Upper
152 100
115 54.8 26.2 78.6
150 158.0 0.0 338.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 66.542 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

Instrument :

MSVOA_D

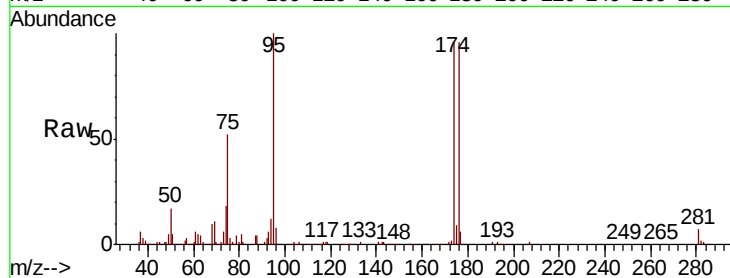
ClientSampled :

Tot Ion: 75 Resp: 79297

Ion Ratio Lower Upper

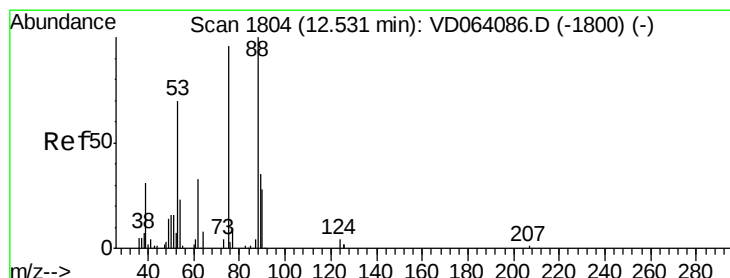
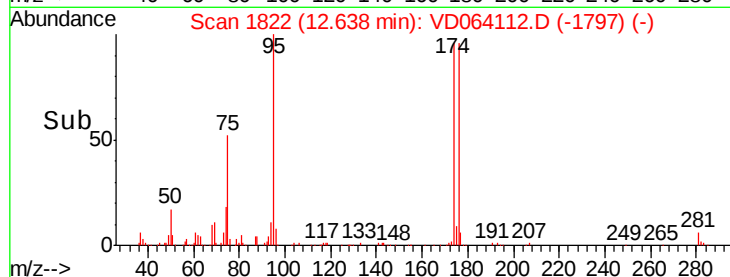
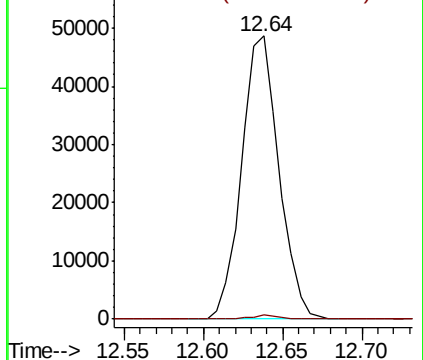
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 135.895 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064112.D

Acq: 30 Oct 2019 13:52

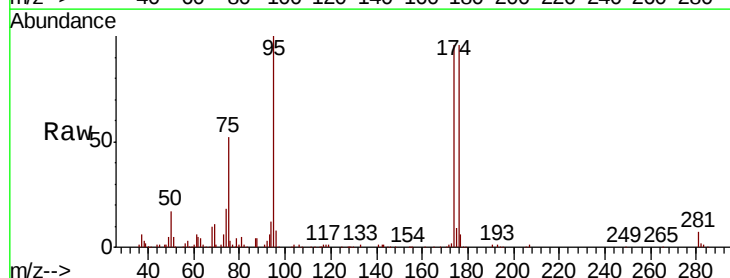
Tgt Ion: 75 Resp: 79297

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

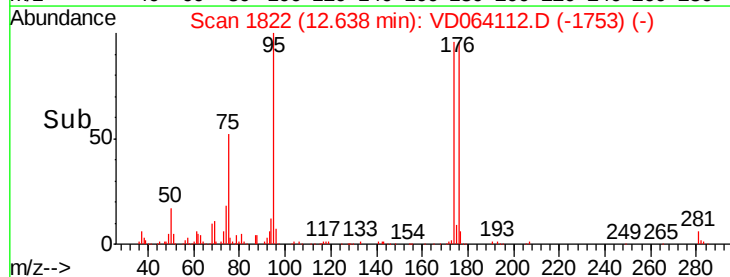
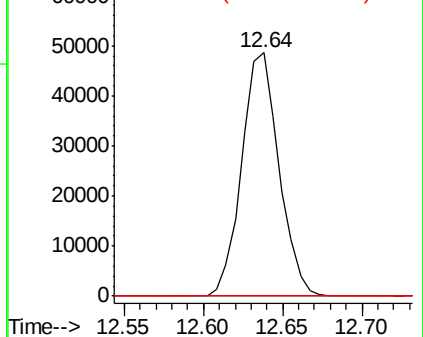
89 0.0 36.9 55.3#

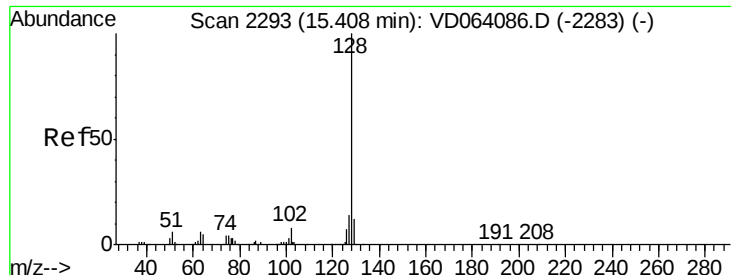


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95
Naphthalene
Concen: 8.987 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD064112.D
Acq: 30 Oct 2019 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.9	16.3
129	12.1	8.8	13.2

