

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062836.D
 Acq On : 24 Jun 2019 13:21
 Operator : VA/AP
 Sample : K3482-07RE
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jun 25 05:03:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	794467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1127167	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	788803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	339949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	373967	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	6.93	113	437318	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.42	98	872258	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
62) 4-Bromofluorobenzene	13.56	95	303938	32.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.62%	

Target Compounds

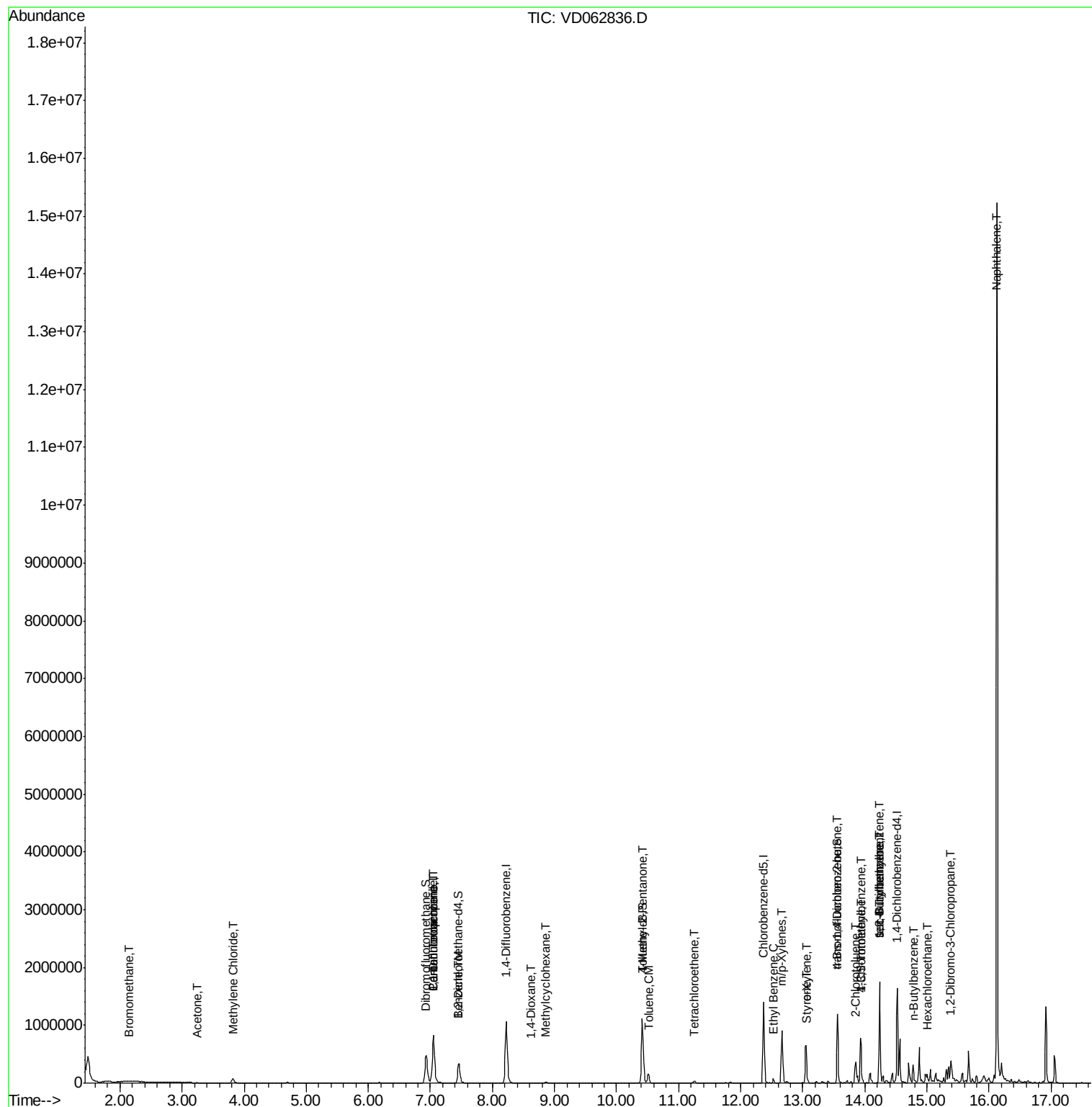
						Qvalue
5) Bromomethane	2.16	94	3921	1.092	ug/l #	13
16) Acetone	3.24	43	18538	3.693	ug/l #	90
20) Methylene Chloride	3.82	84	47377	7.194	ug/l #	95
36) 1,1-Dichloropropene	7.05	75	63127	5.916	ug/l #	52
37) Ethyl Acetate	6.16	43	1115	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	80087	4.991	ug/l #	17
39) Methylcyclohexane	8.86	83	10630	1.132	ug/l	98
40) Benzene	7.46	78	21865	1.021	ug/l	93
49) 1,4-Dioxane	8.62	88	269	8.134	ug/l #	1
51) 4-Methyl-2-Pentanone	10.41	43	5984	1.509	ug/l #	1
52) Toluene	10.51	92	76964	5.346	ug/l	100
64) Tetrachloroethene	11.25	164	6659	1.026	ug/l #	84
67) Ethyl Benzene	12.52	91	43279	1.647	ug/l	98
68) m/p-Xylenes	12.66	106	249869	27.295	ug/l	92
69) o-Xylene	13.04	106	156981	18.759	ug/l	92
70) Styrene	13.07	104	30191	2.054	ug/l	91
79) 2-Chlorotoluene	13.85	91	33363	2.301	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.93	105	375362	20.502	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.56	75	150652	146.471	ug/l #	2
82) 4-Chlorotoluene	13.93	91	47135	2.700	ug/l #	43
83) tert-Butylbenzene	14.24	119	84134	4.123	ug/l #	54
84) 1,2,4-Trimethylbenzene	14.24	105	804481	42.870	ug/l	96
85) sec-Butylbenzene	14.24	105	804553	36.273	ug/l #	59
89) n-Butylbenzene	14.78	91	36954	1.946	ug/l #	1
90) Hexachloroethane	14.99	117	14628	2.681	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	15.39	75	7469	10.775	ug/l #	14
95) Naphthalene	16.13	128	8485539	861.939	ug/l #	92

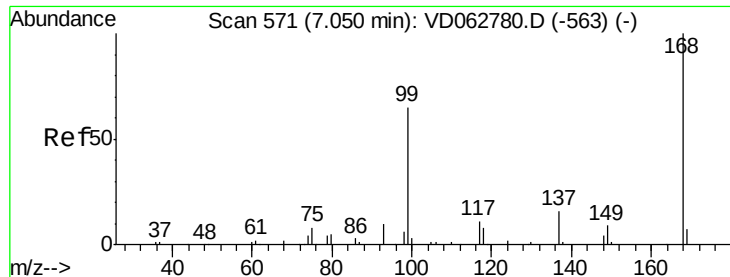
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062836.D
Acq On : 24 Jun 2019 13:21
Operator : VA/AP
Sample : K3482-07RE
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Quant Time: Jun 25 05:03:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampled :

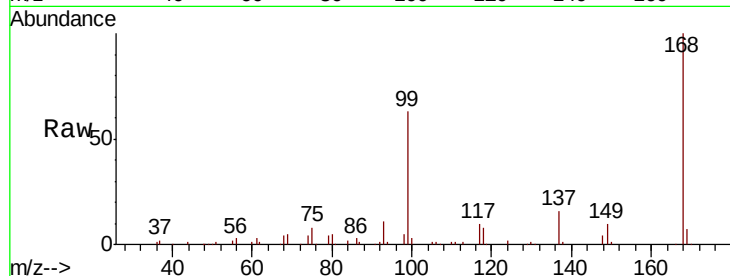
TP-4

Tot Ion:168 Resp: 794467

Ion Ratio Lower Upper

168 100

99 62.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

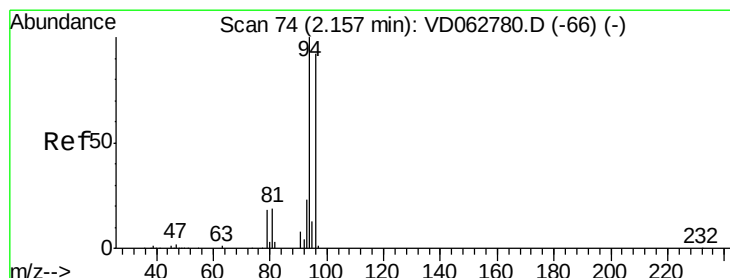
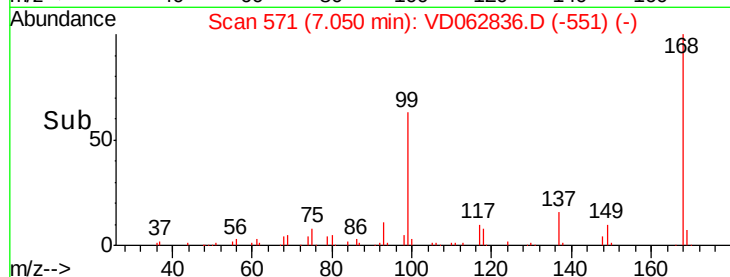
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.092 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

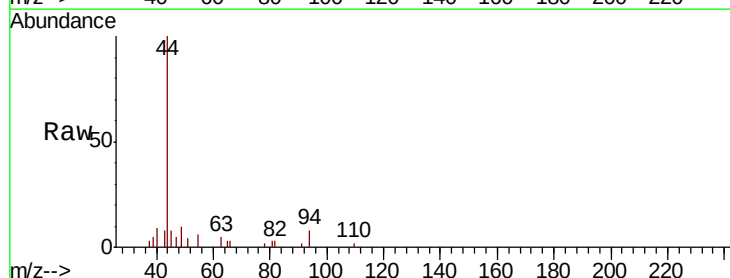
Tgt Ion: 94 Resp: 3921

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

93 0.0 18.2 27.4#



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

2.16

1500

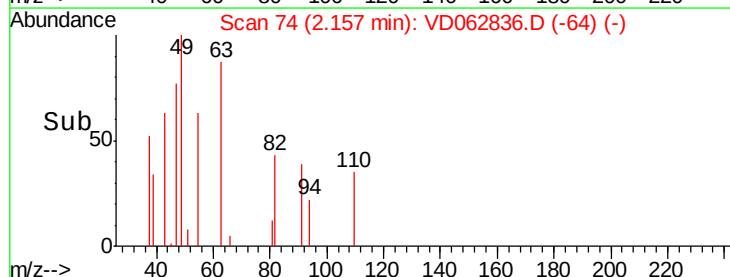
1000

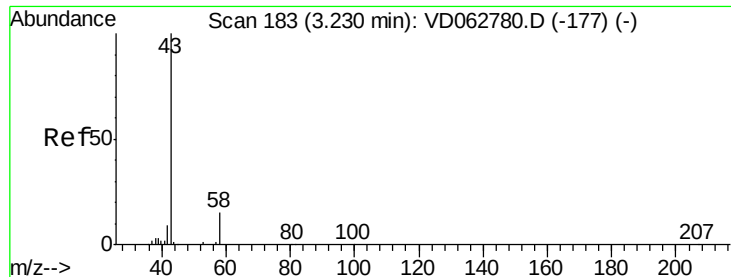
500

0

Time-->

2.05 2.10 2.15 2.20





#16

Acetone

Concen: 3.693 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

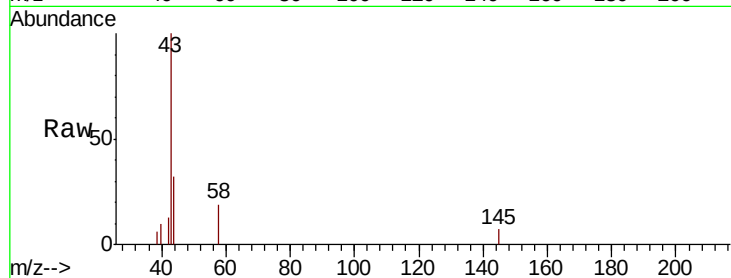
TP-4

Tot Ion: 43 Resp: 18538

Ion Ratio Lower Upper

43 100

58 19.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

6000

5000

4000

3000

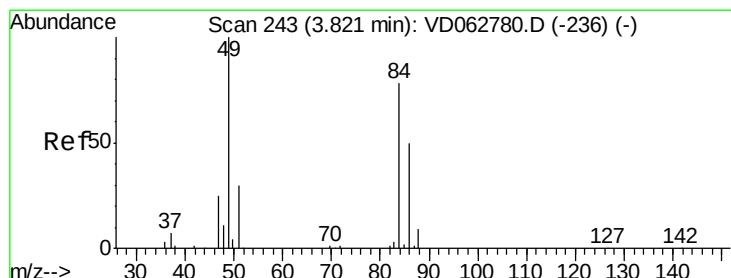
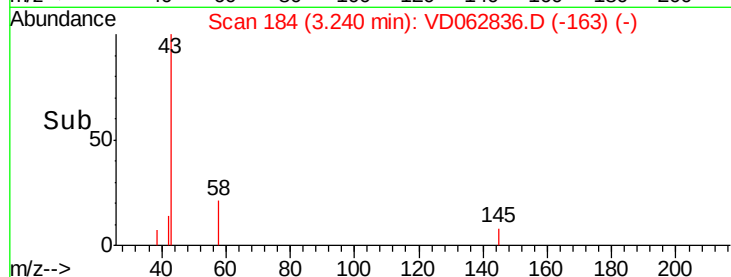
2000

1000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 7.194 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Tgt Ion: 84 Resp: 47377

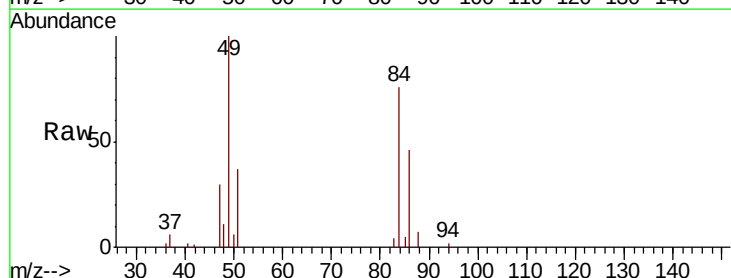
Ion Ratio Lower Upper

84 100

49 132.4 102.9 154.3

51 48.5 31.2 46.8#

86 61.5 51.4 77.2



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

30000

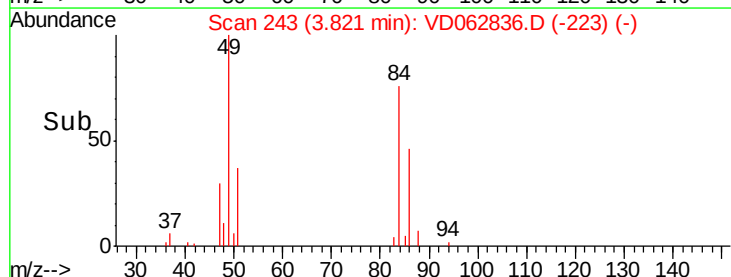
20000

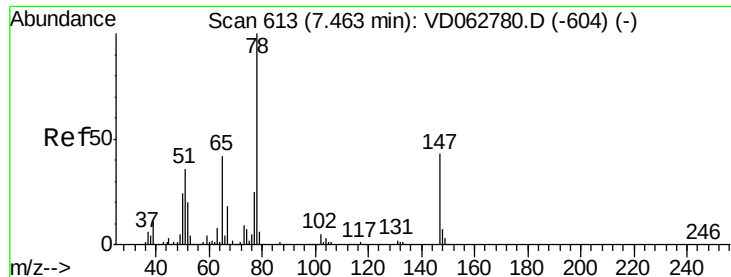
10000

0

3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.305 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampled :

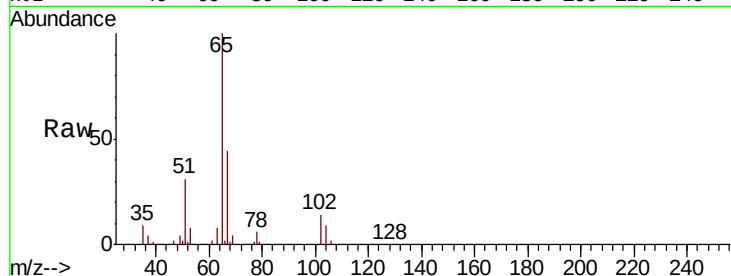
TP-4

Tot Ion: 65 Resp: 373967

Ion Ratio Lower Upper

65 100

67 43.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

150000

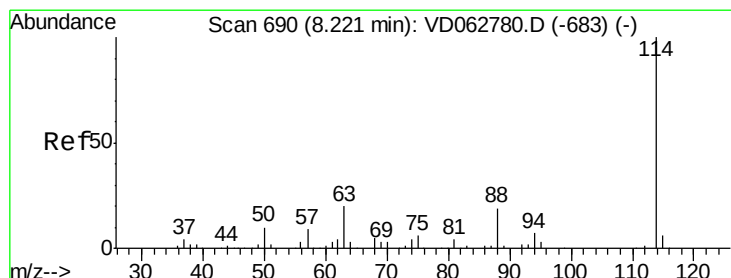
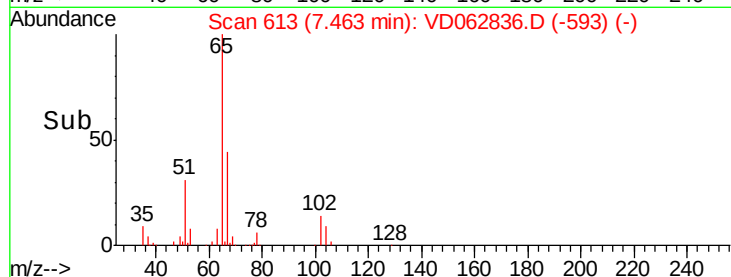
100000

50000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

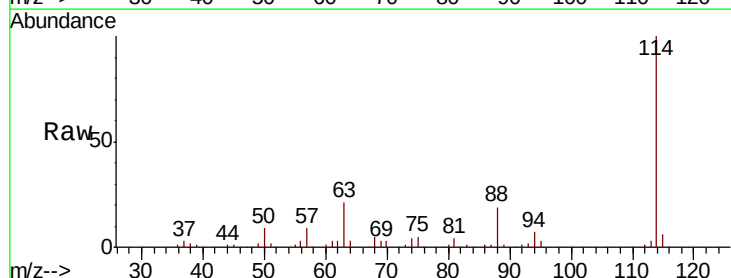
Tgt Ion: 114 Resp: 1127167

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 18.9 0.0 38.8



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

600000

500000

400000

300000

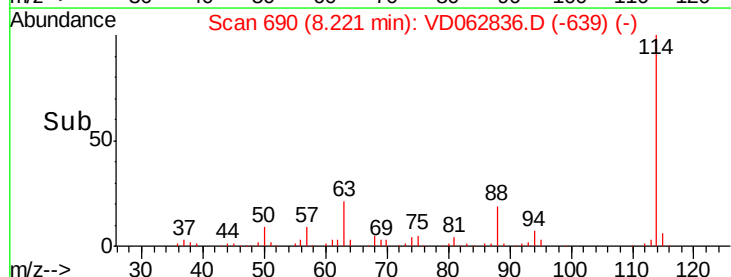
200000

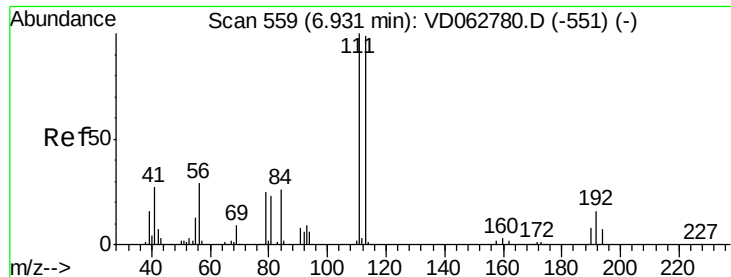
100000

0

8.20 8.40

Time-->

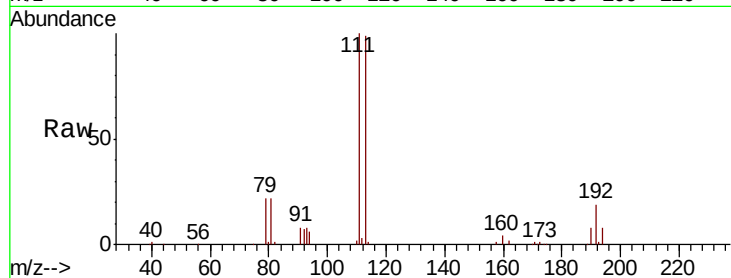




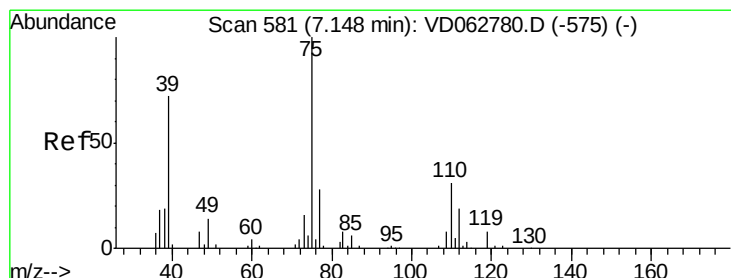
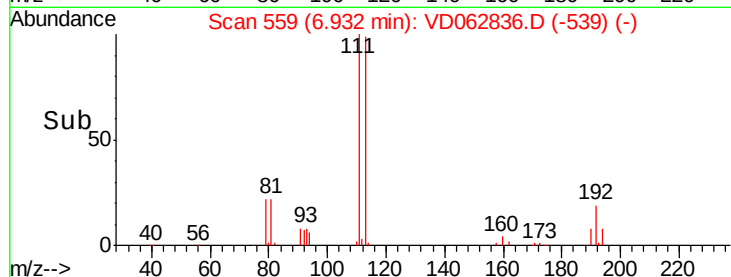
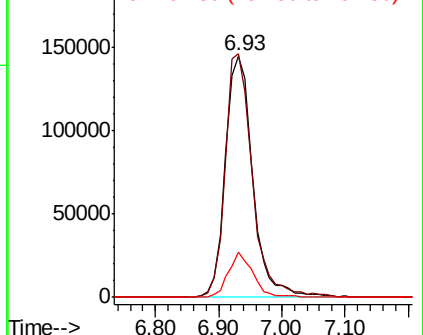
#35
 Dibromofluoromethane
 Concen: 46.013 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.2	121.8
192	18.8	12.9	19.3

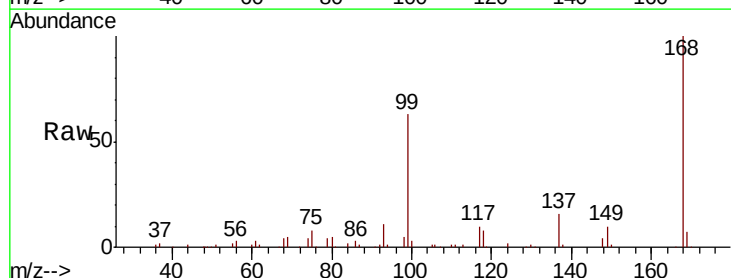


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

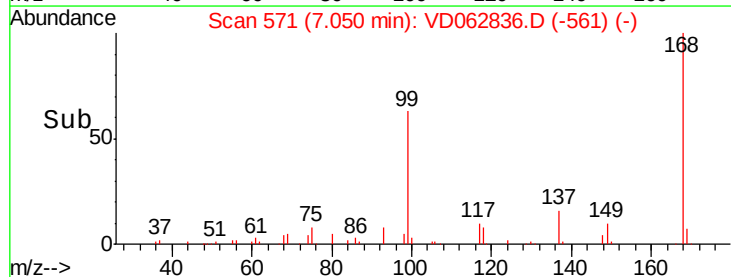
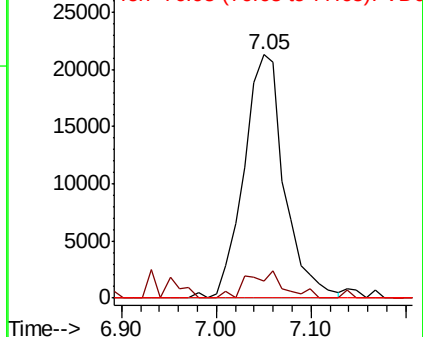


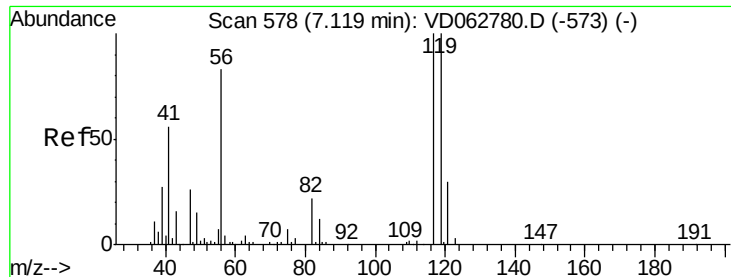
#36
 1,1-Dichloropropene
 Concen: 5.916 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	15.0	45.1#
77	0.0	22.2	33.2#



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

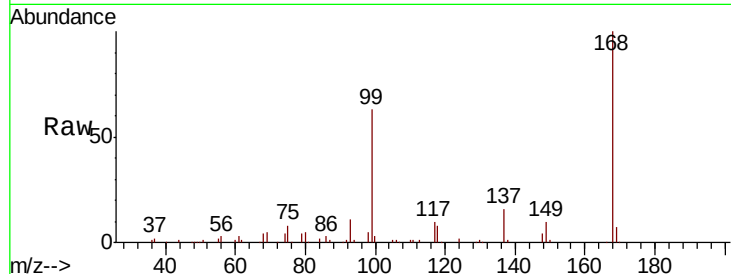




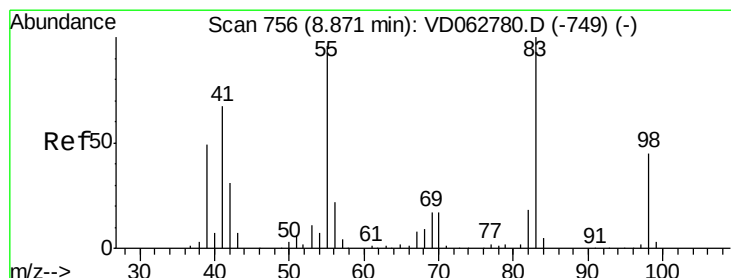
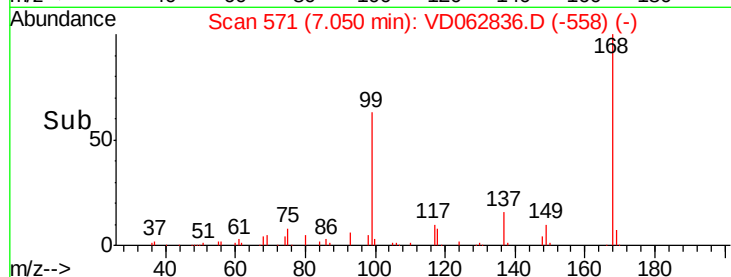
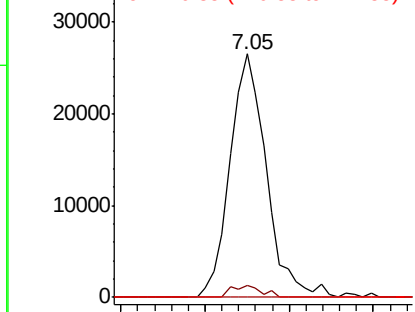
#38
Carbon Tetrachloride
Concen: 4.991 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 80087
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.2#
121 0.0 22.3 33.5#

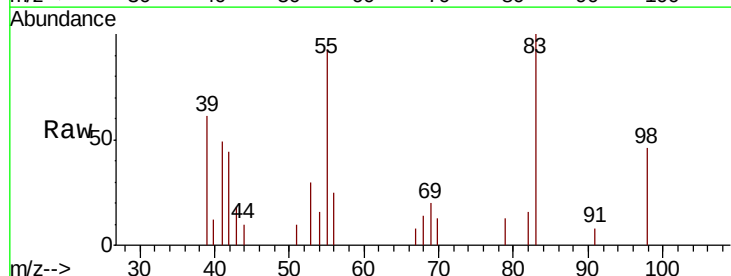


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

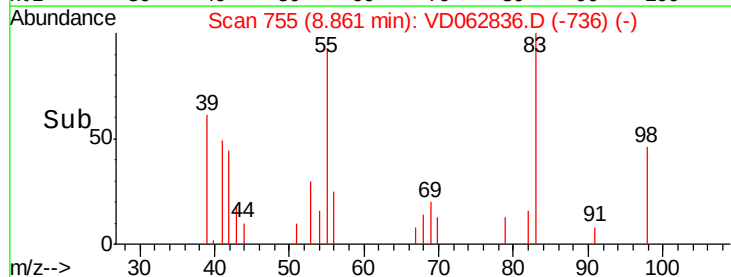
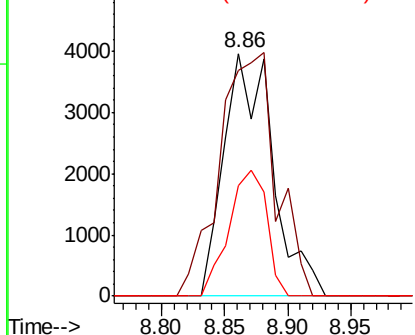


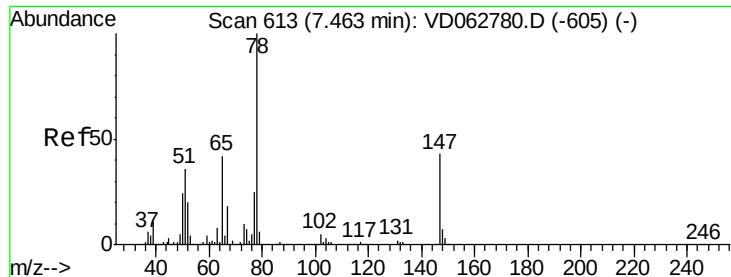
#39
Methylcyclohexane
Concen: 1.132 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.01 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Tgt Ion: 83 Resp: 10630
Ion Ratio Lower Upper
83 100
55 93.2 76.6 115.0
98 45.8 35.7 53.5



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





#40

Benzene

Concen: 1.021 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

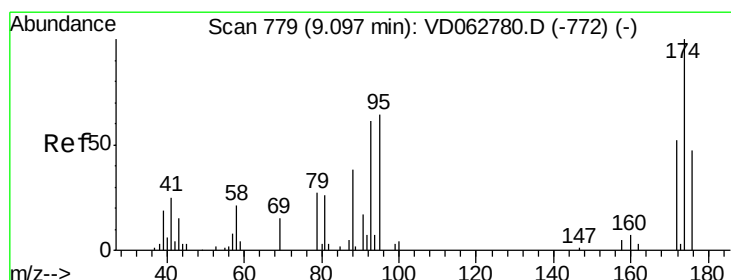
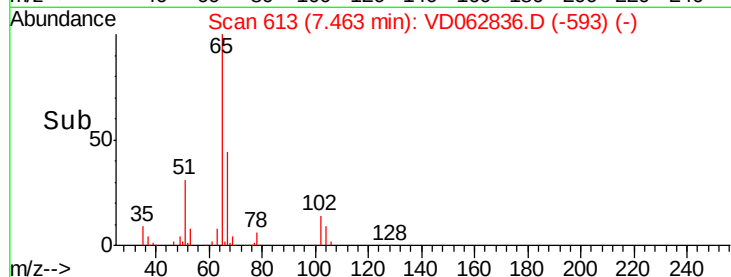
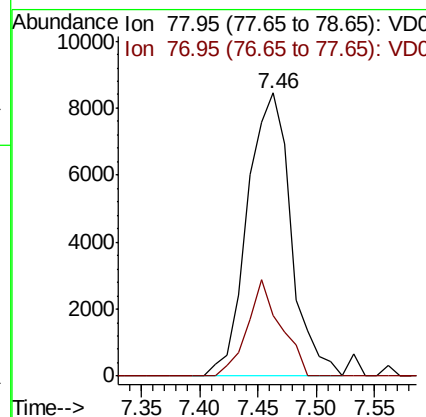
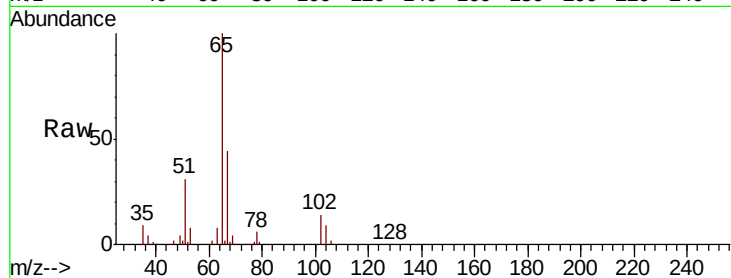
TP-4

Tot Ion: 78 Resp: 21865

Ion Ratio Lower Upper

78 100

77 21.6 20.2 30.2



#49

1,4-Dioxane

Concen: 8.134 ug/l

RT: 8.62 min Scan# 731

Delta R.T. -0.47 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

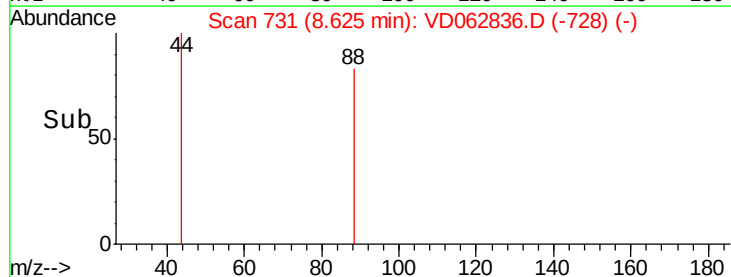
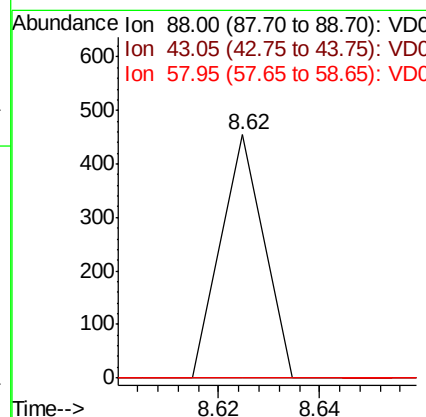
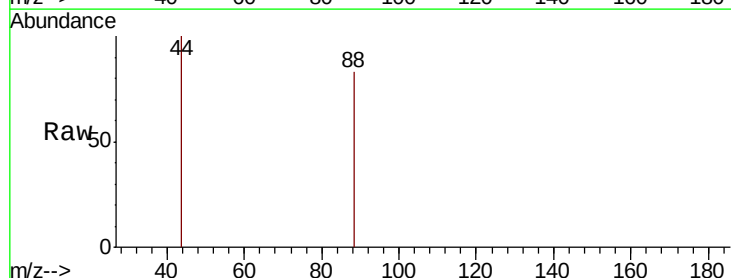
Tgt Ion: 88 Resp: 269

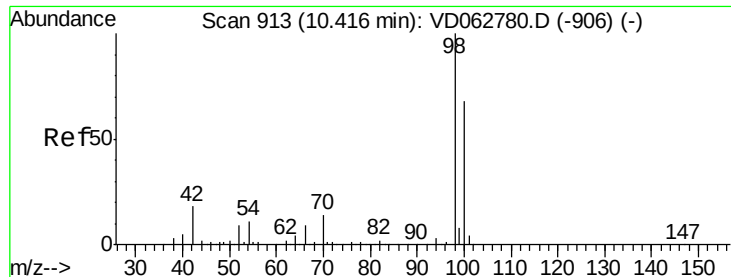
Ion Ratio Lower Upper

88 100

43 121.1 32.1 48.1#

58 0.0 44.1 66.1#





#50

Toluene-d8

Concen: 42.167 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

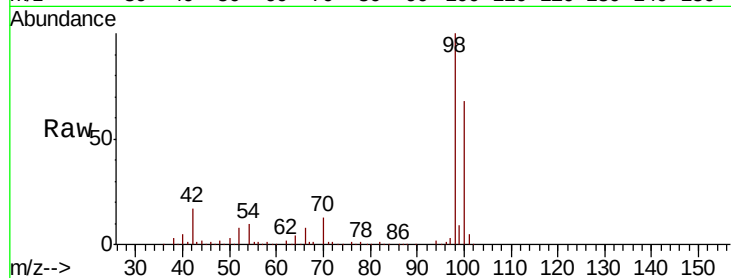
TP-4

Tot Ion: 98 Resp: 872258

Ion Ratio Lower Upper

98 100

100 67.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.42

400000

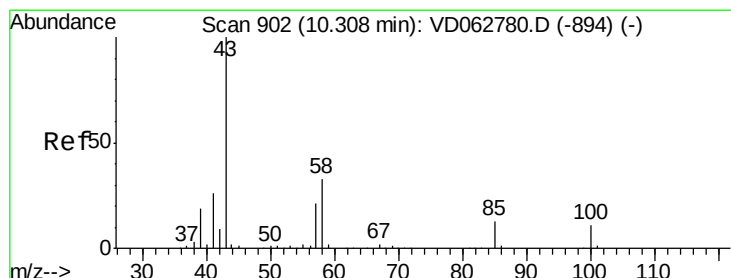
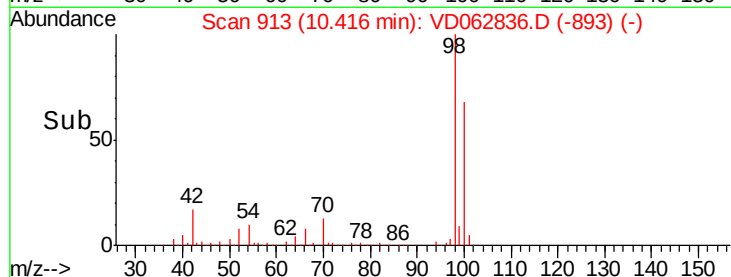
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.509 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.10 min

Lab File: VD062836.D

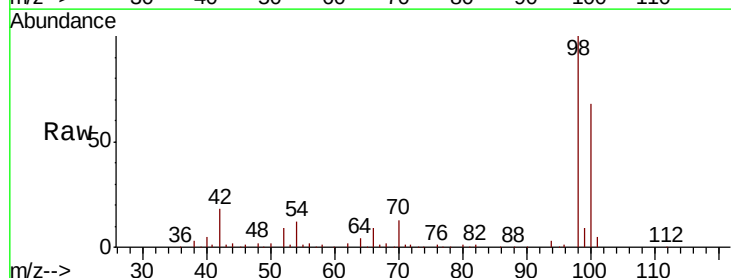
Acq: 24 Jun 2019 13:21

Tgt Ion: 43 Resp: 5984

Ion Ratio Lower Upper

43 100

58 115.7 26.6 40.0#



Abundance Ion 42.95 (42.65 to 43.65): VD062780.D (-894) (-)

Ion 57.95 (57.65 to 58.65): VD062780.D (-894) (-)

10.41

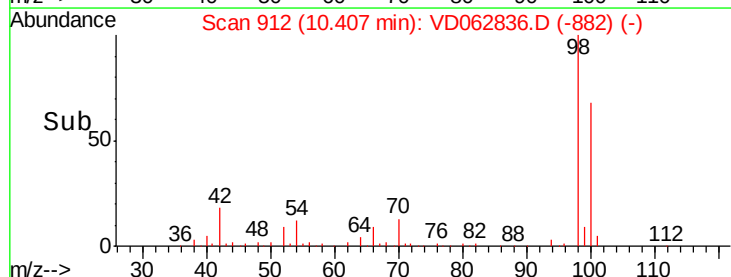
3000

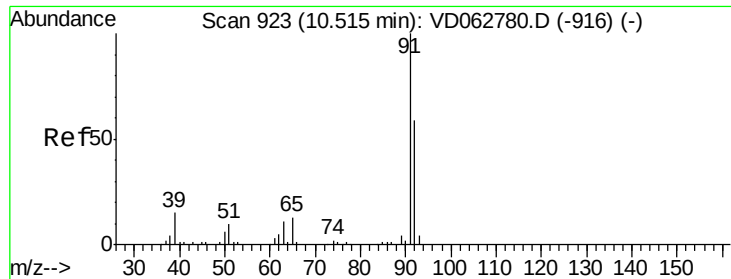
2000

1000

0

Time-->





#52

Toluene

Concen: 5.346 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

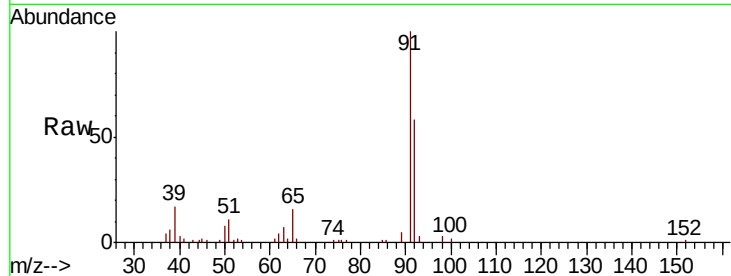
TP-4

Tot Ion: 92 Resp: 76964

Ion Ratio Lower Upper

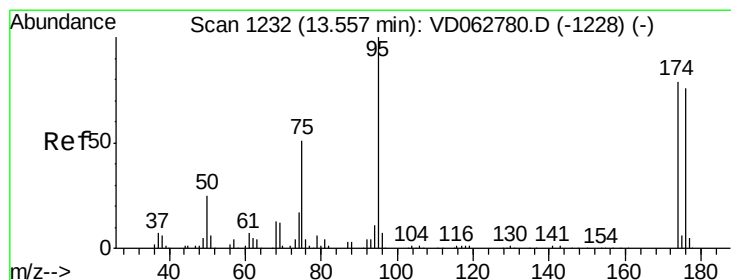
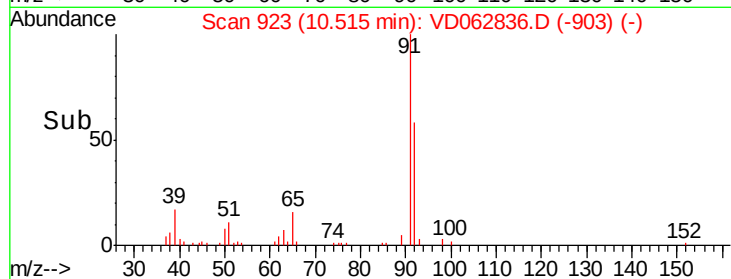
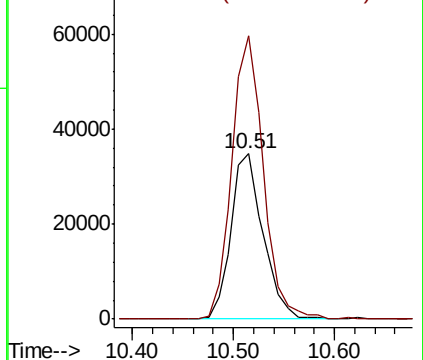
92 100

91 171.0 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 32.314 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

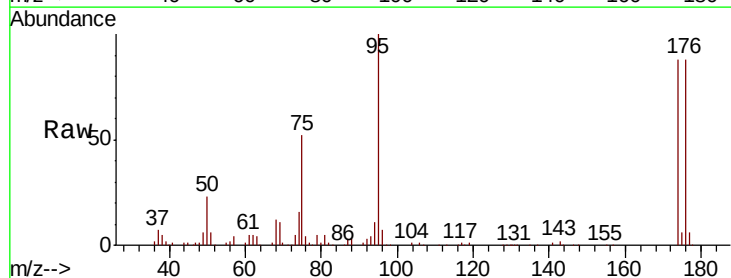
Tgt Ion: 95 Resp: 303938

Ion Ratio Lower Upper

95 100

174 88.4 0.0 158.0

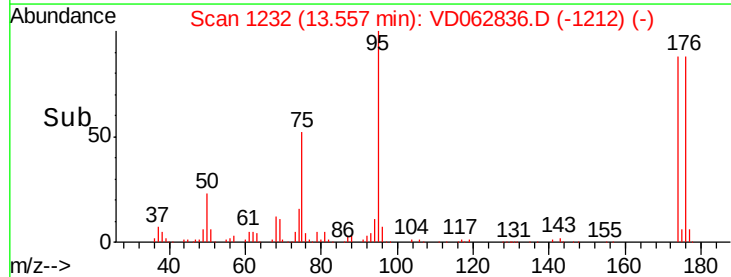
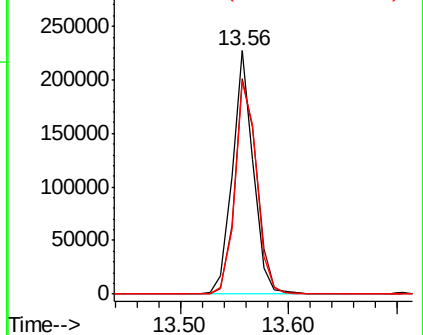
176 87.6 0.0 151.6

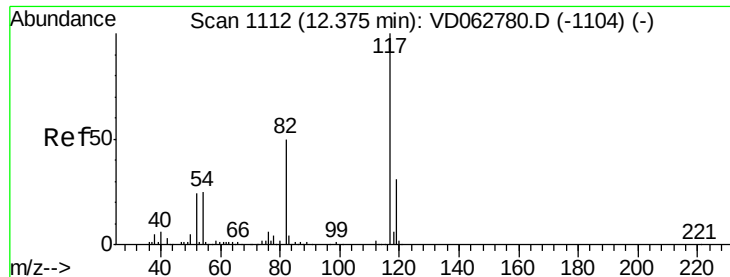


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

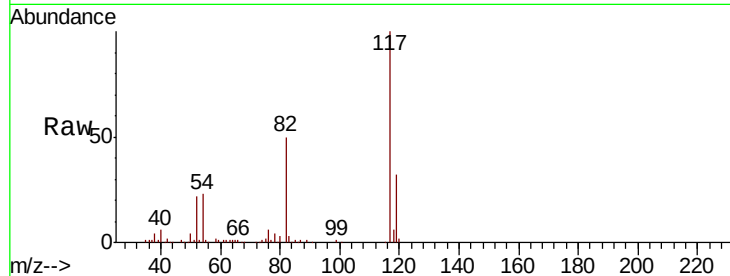




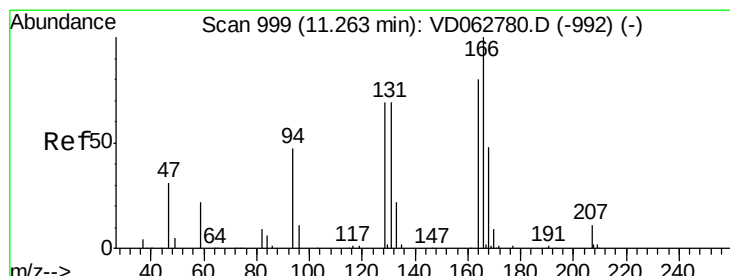
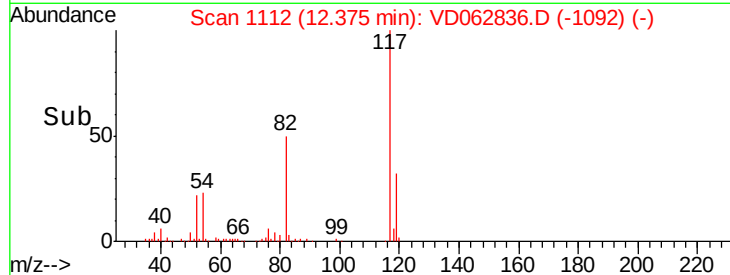
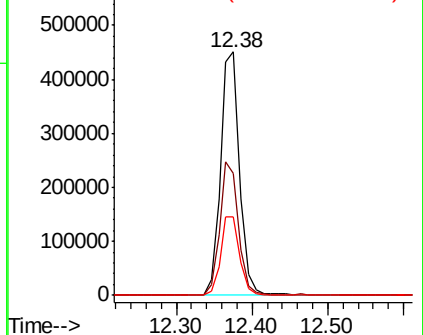
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 788803
Ion Ratio Lower Upper
117 100
82 50.0 40.4 60.6
119 32.4 25.2 37.8

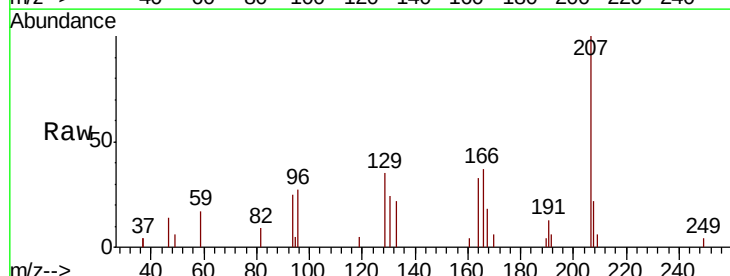


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

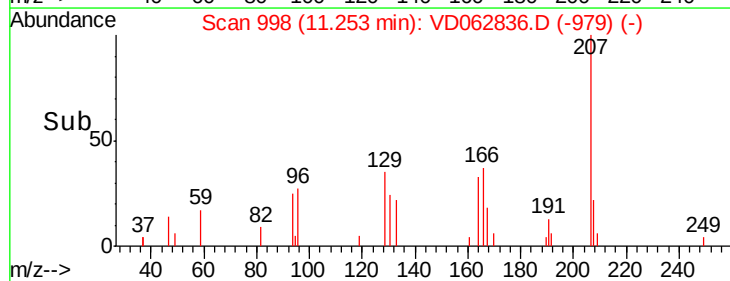
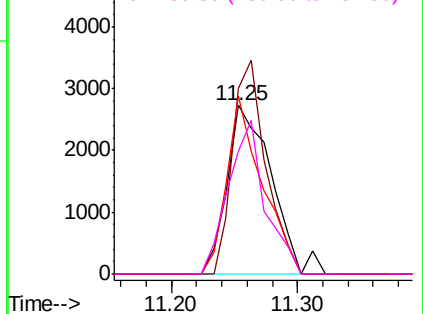


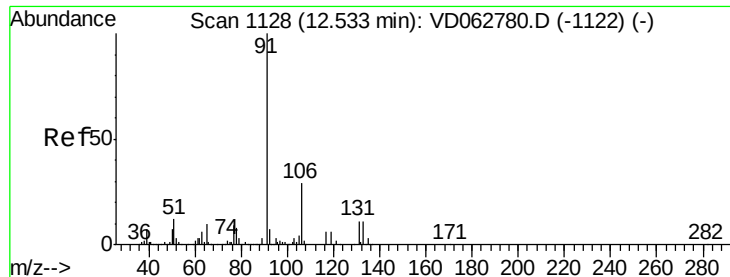
#64
Tetrachloroethene
Concen: 1.026 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.01 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Tgt Ion:164 Resp: 6659
Ion Ratio Lower Upper
164 100
166 110.2 100.6 150.8
129 105.3 69.4 104.0#
131 73.3 69.3 103.9



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

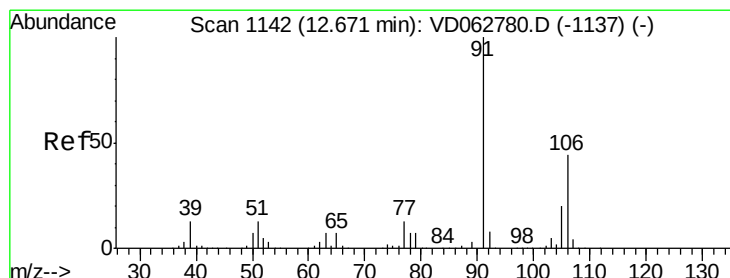
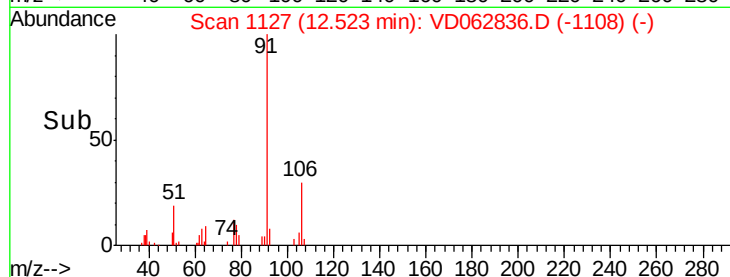
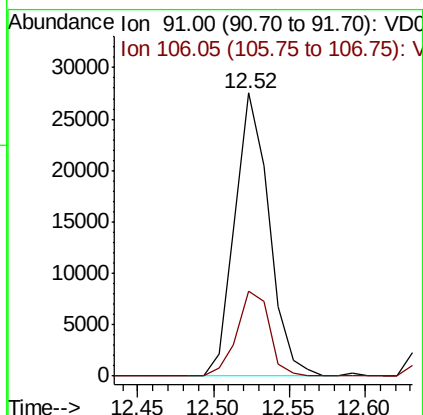
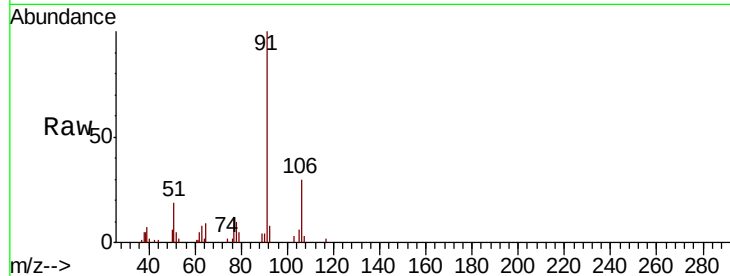




#67
Ethyl Benzene
Concen: 1.647 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

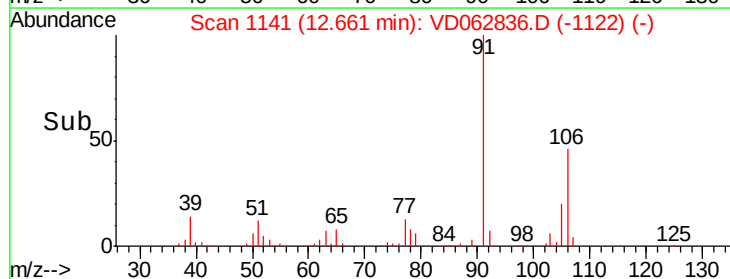
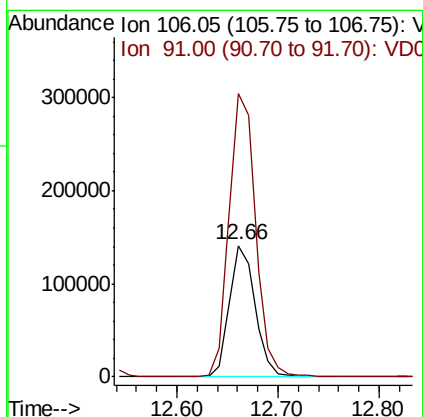
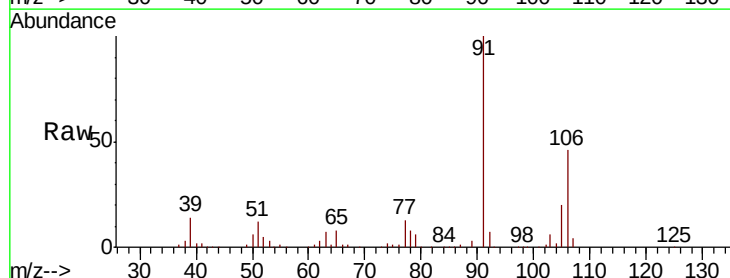
Instrument :
MSVOA_D
ClientSampleId :
TP-4

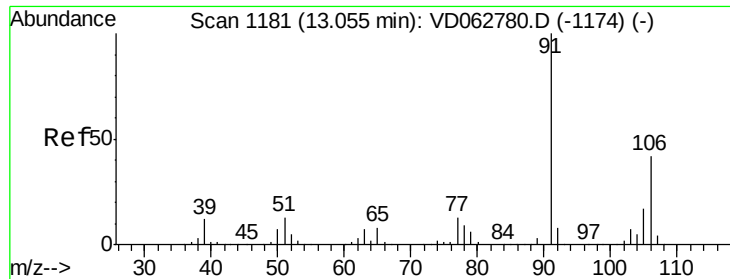
Tot Ion: 91 Resp: 43279
Ion Ratio Lower Upper
91 100
106 30.0 23.1 34.7



#68
m/p-Xylenes
Concen: 27.295 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Tgt Ion: 106 Resp: 249869
Ion Ratio Lower Upper
106 100
91 215.1 183.0 274.6

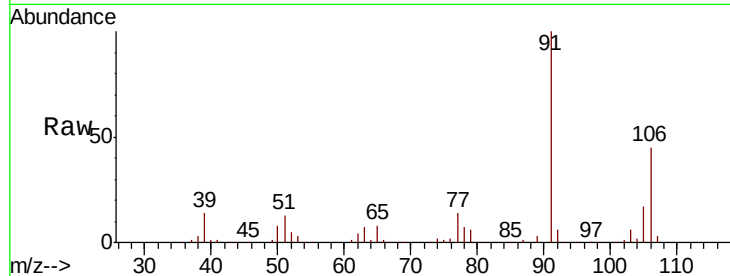




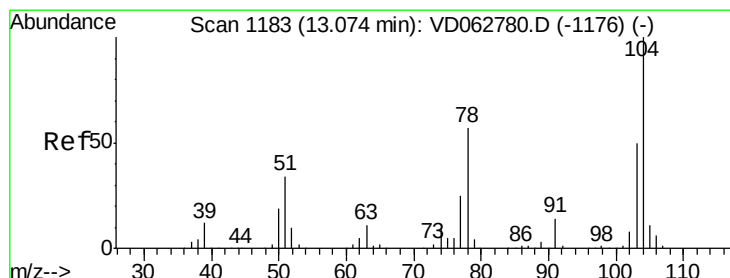
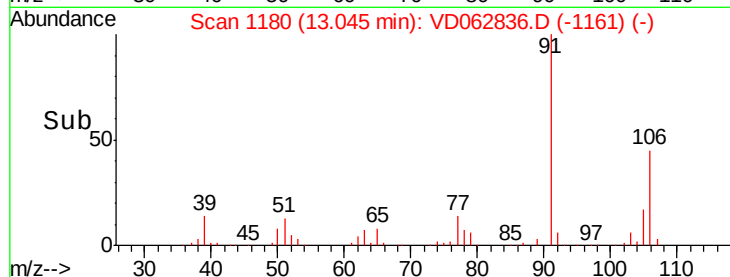
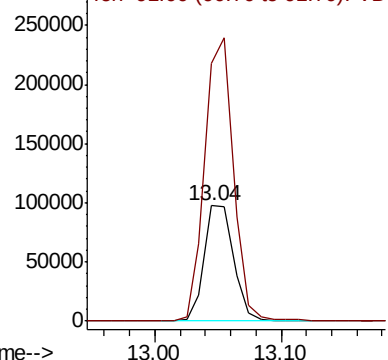
#69
o-Xylene
Concen: 18.759 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion:106 Resp: 156981
Ion Ratio Lower Upper
106 100
91 222.8 117.9 353.6

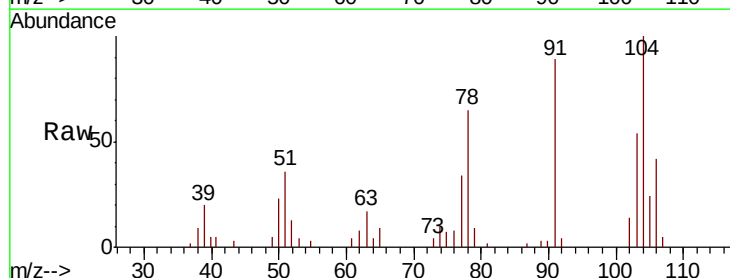


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

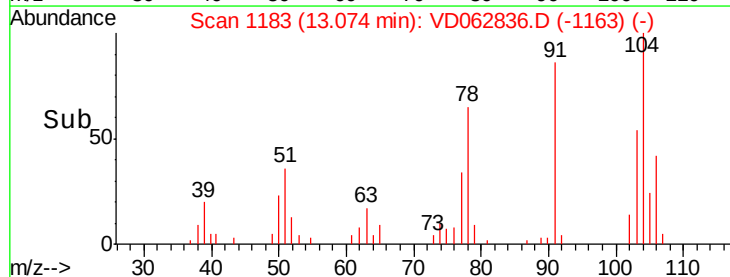
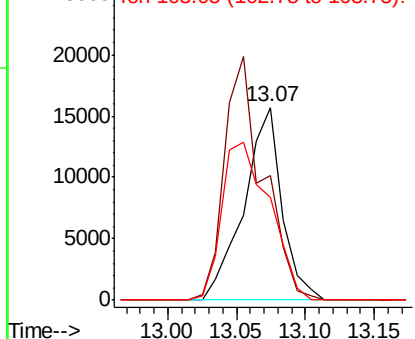


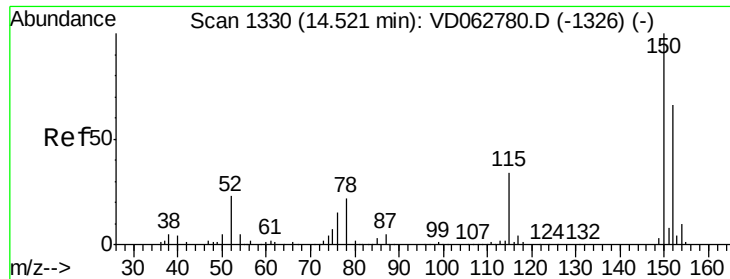
#70
Styrene
Concen: 2.054 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Tgt Ion:104 Resp: 30191
Ion Ratio Lower Upper
104 100
78 64.7 45.4 68.2
103 53.7 39.7 59.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

TP-4

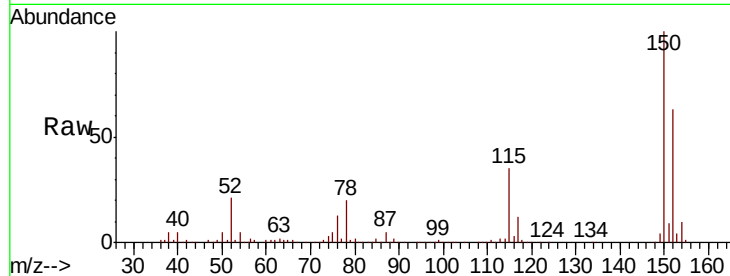
Tot Ion:152 Resp: 339949

Ion Ratio Lower Upper

152 100

115 55.8 29.2 87.6

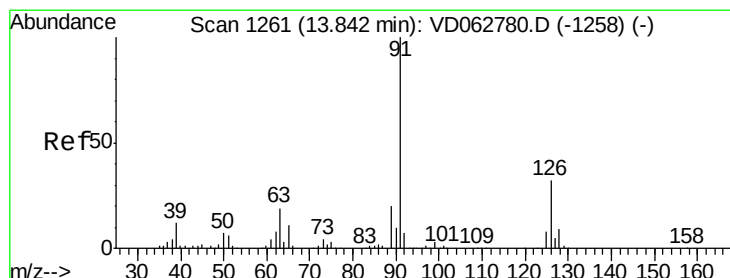
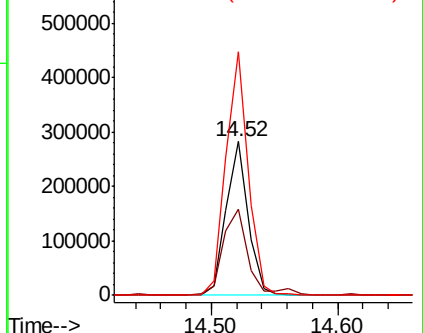
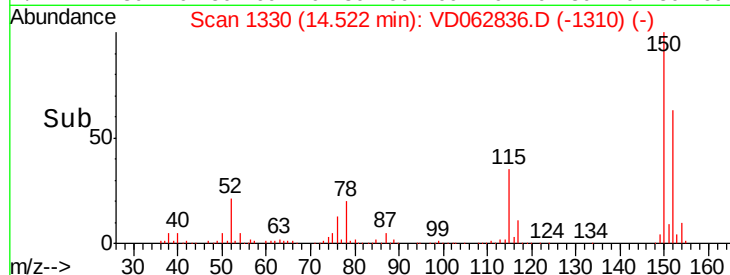
150 158.2 0.0 305.8



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



#79

2-Chlorotoluene

Concen: 2.301 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD062836.D

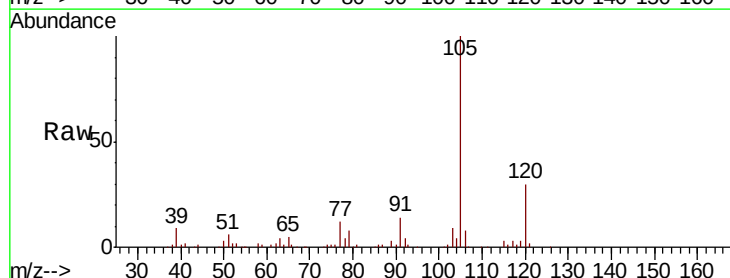
Acq: 24 Jun 2019 13:21

Tgt Ion: 91 Resp: 33363

Ion Ratio Lower Upper

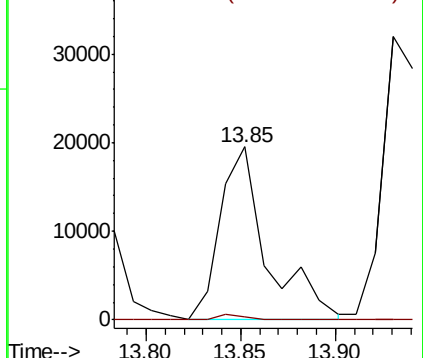
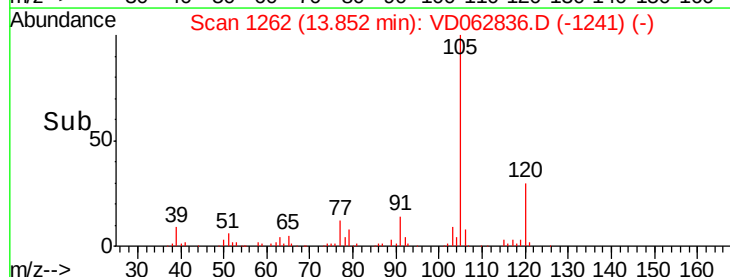
91 100

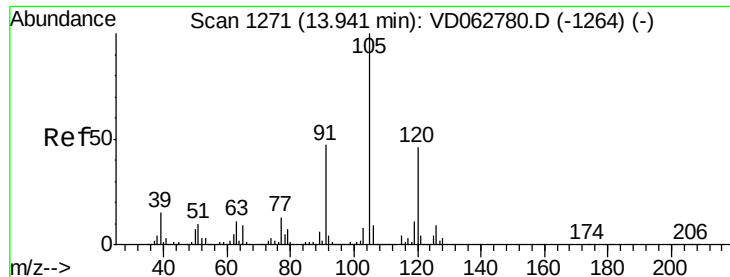
126 1.9 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V





#80

1,3,5-Trimethylbenzene

Concen: 20.502 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampled :

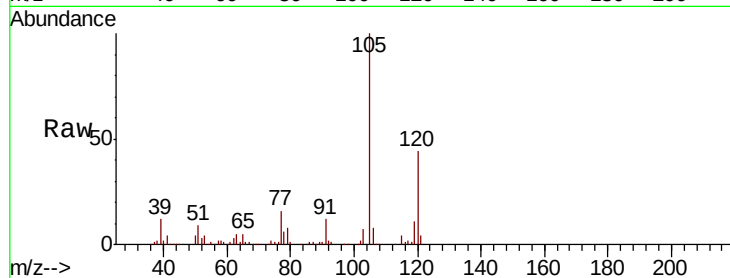
TP-4

Tot Ion:105 Resp: 375362

Ion Ratio Lower Upper

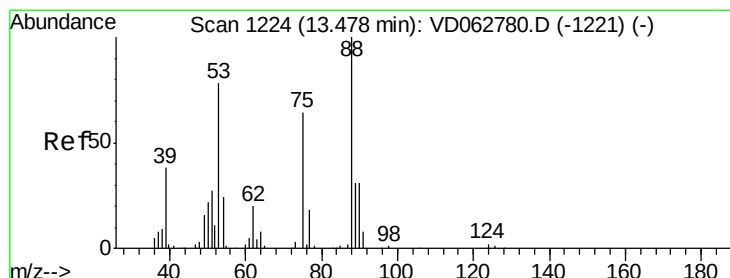
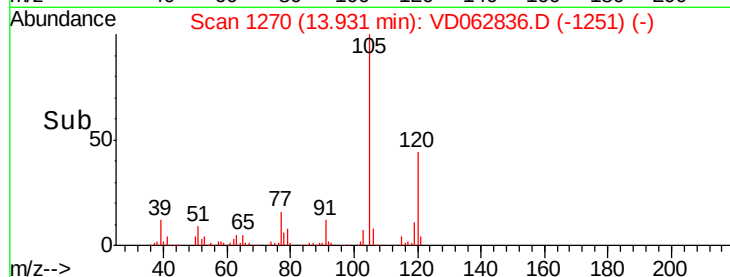
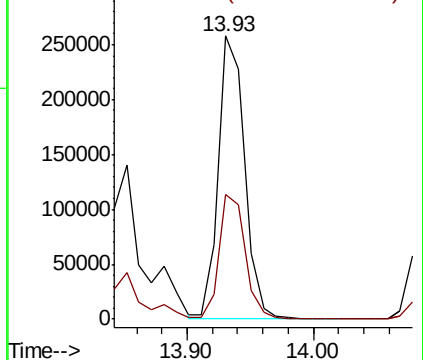
105 100

120 44.0 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 146.471 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

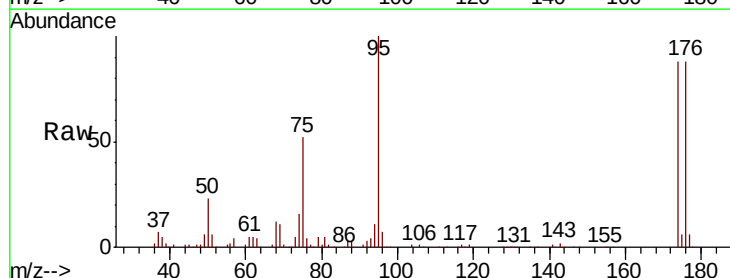
Tgt Ion: 75 Resp: 150652

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

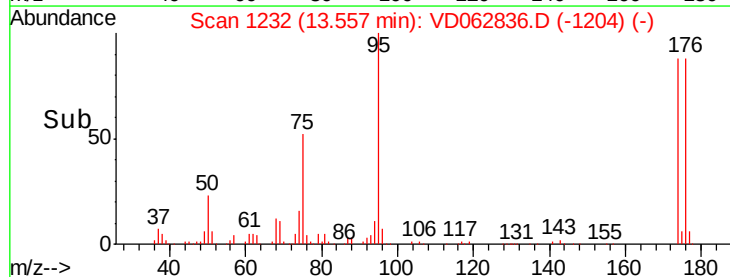
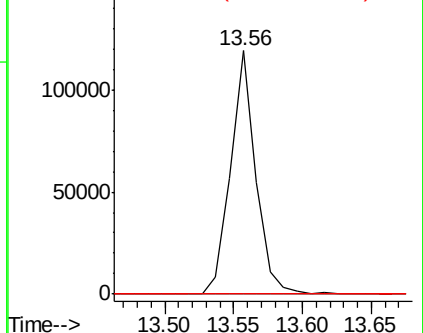
89 0.0 39.4 59.2#

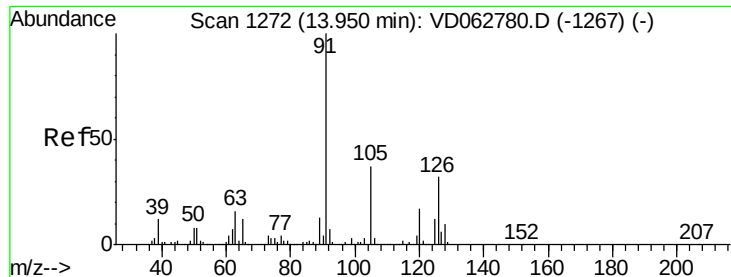


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

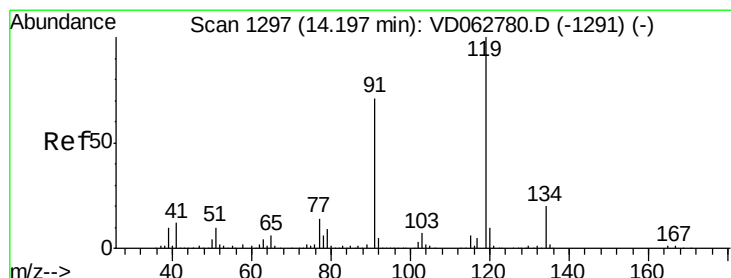
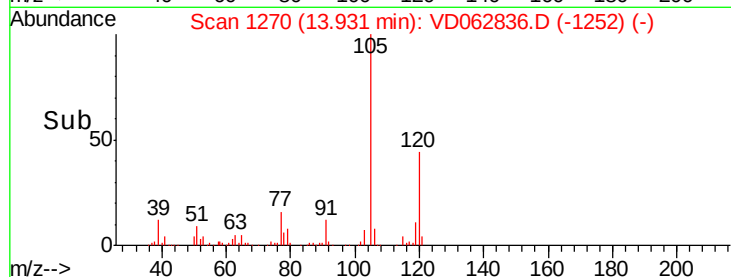
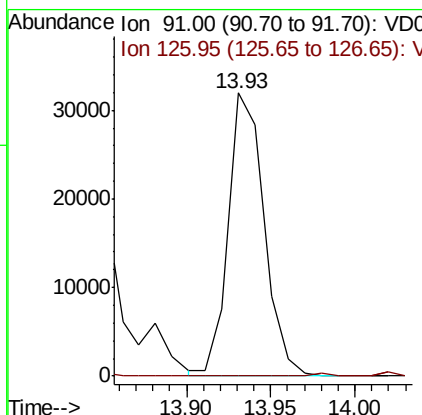
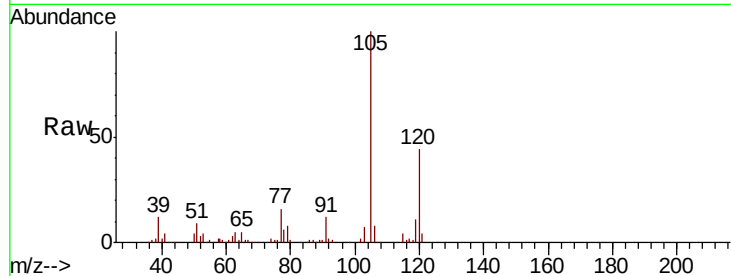




#82
4-Chlorotoluene
Concen: 2.700 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

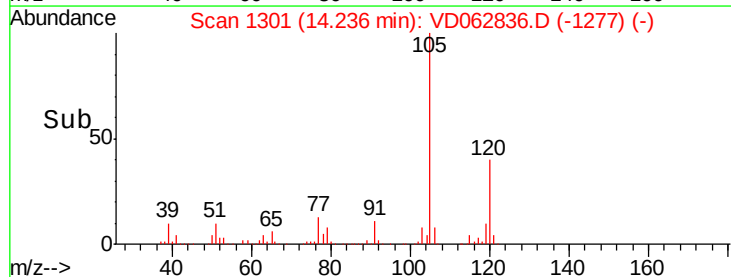
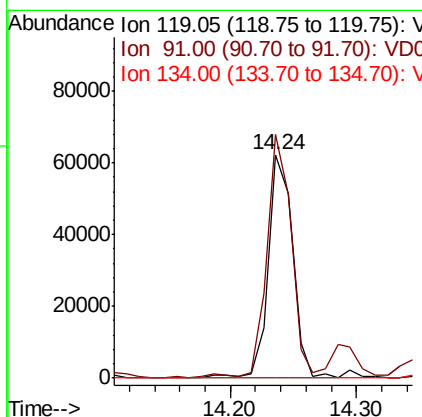
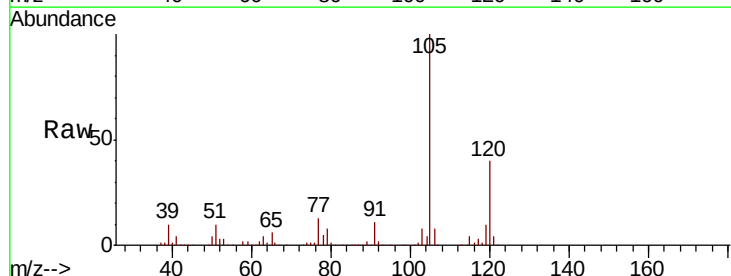
Instrument :
MSVOA_D
ClientSampled :
TP-4

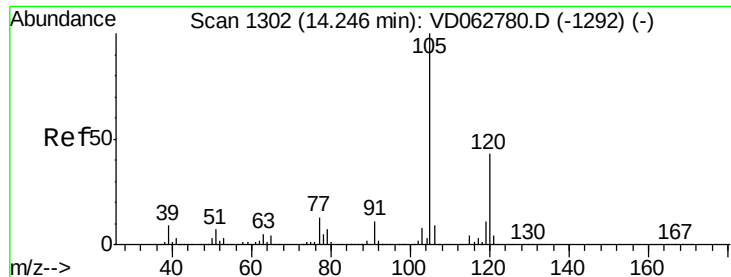
Tot Ion: 91 Resp: 47135
Ion Ratio Lower Upper
91 100
126 0.0 16.0 47.9#



#83
tert-Butylbenzene
Concen: 4.123 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. 0.04 min
Lab File: VD062836.D
Acq: 24 Jun 2019 13:21

Tgt Ion: 119 Resp: 84134
Ion Ratio Lower Upper
119 100
91 109.0 35.5 106.5#
134 0.0 10.2 30.6#

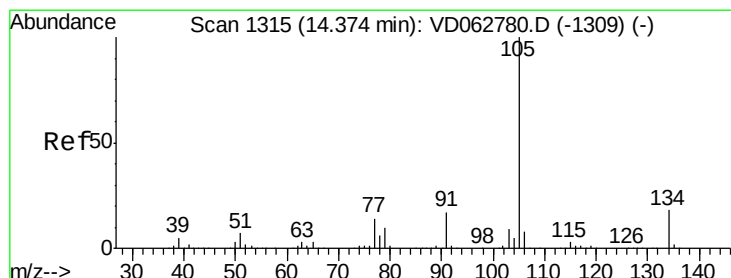
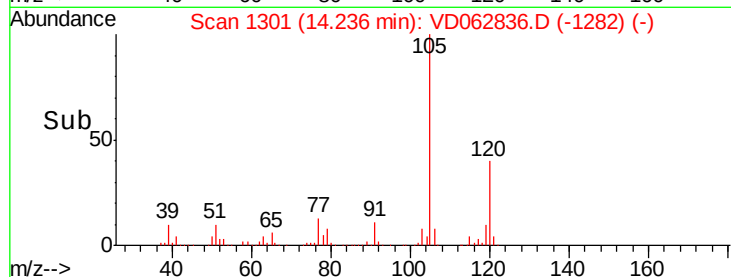
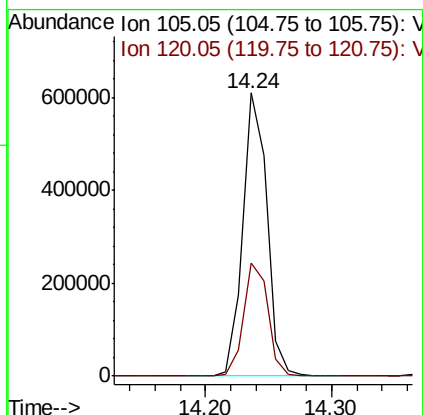
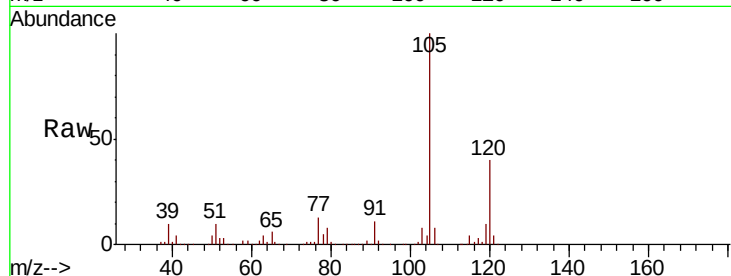




#84
 1,2,4-Trimethylbenzene
 Concen: 42.870 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

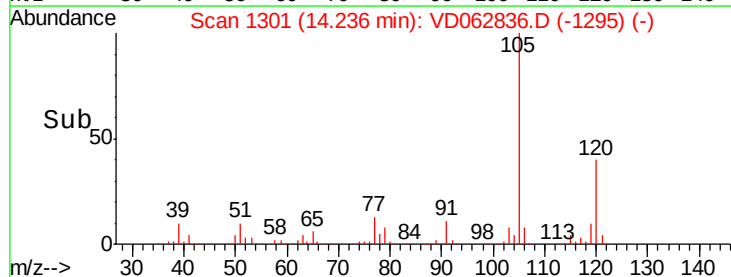
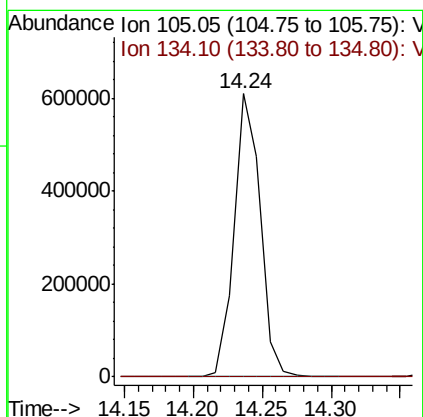
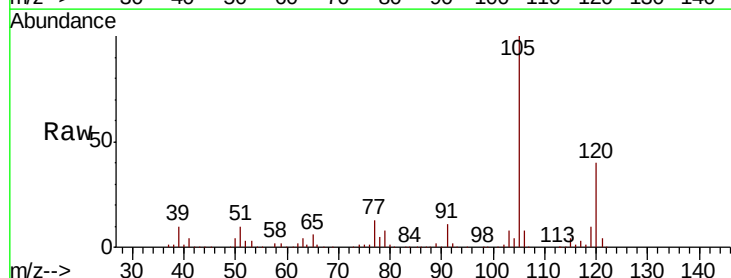
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

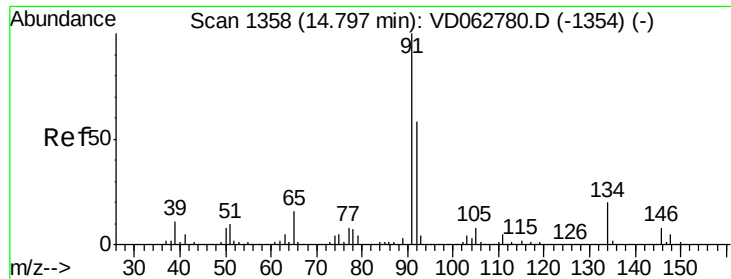
Tot Ion:105 Resp: 804481
 Ion Ratio Lower Upper
 105 100
 120 40.0 21.3 63.9



#85
 sec-Butylbenzene
 Concen: 36.273 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.14 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

Tgt Ion:105 Resp: 804553
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.1 27.3#





#89

n-Butylbenzene

Concen: 1.946 ug/l

RT: 14.78 min Scan# 1356

Delta R.T. -0.02 min

Lab File: VD062836.D

Acq: 24 Jun 2019 13:21

Instrument :

MSVOA_D

ClientSampleID :

TP-4

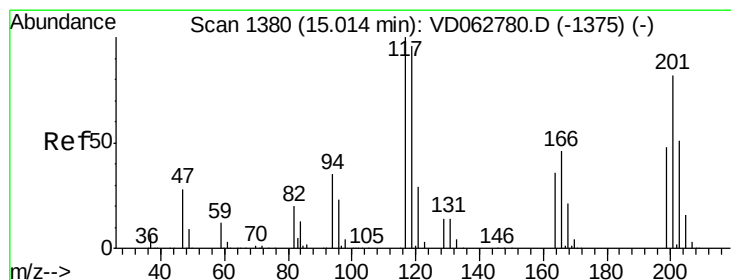
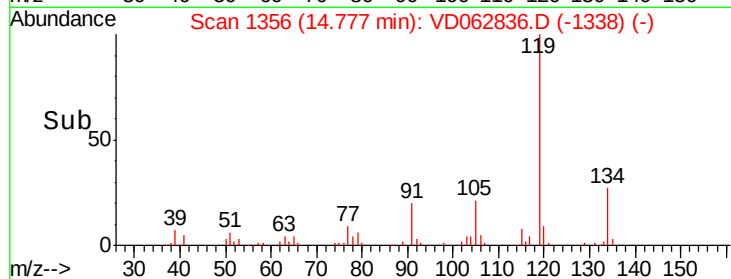
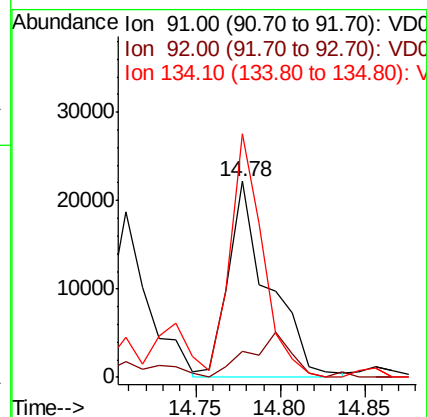
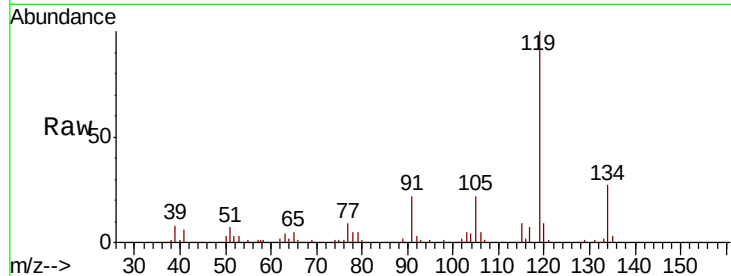
Tot Ion: 91 Resp: 36954

Ion Ratio Lower Upper

91 100

92 13.5 28.9 86.7#

134 124.4 10.1 30.3#



#90

Hexachloroethane

Concen: 2.681 ug/l

RT: 14.99 min Scan# 1378

Delta R.T. -0.02 min

Lab File: VD062836.D

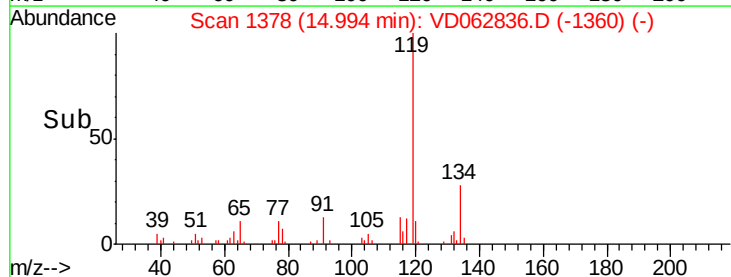
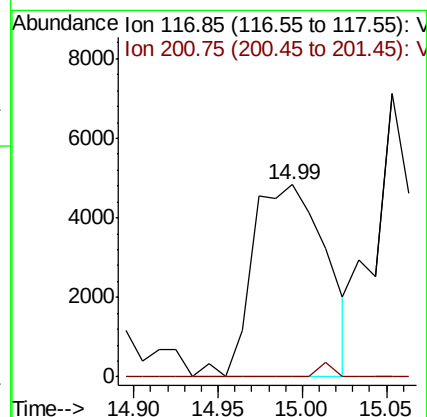
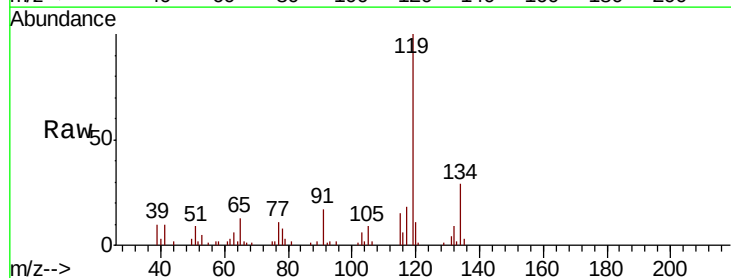
Acq: 24 Jun 2019 13:21

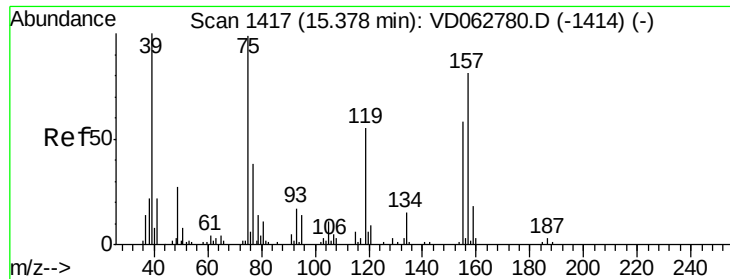
Tgt Ion: 117 Resp: 14628

Ion Ratio Lower Upper

117 100

201 0.0 40.8 122.2#

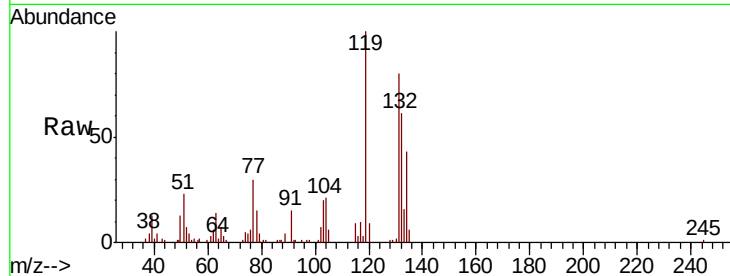




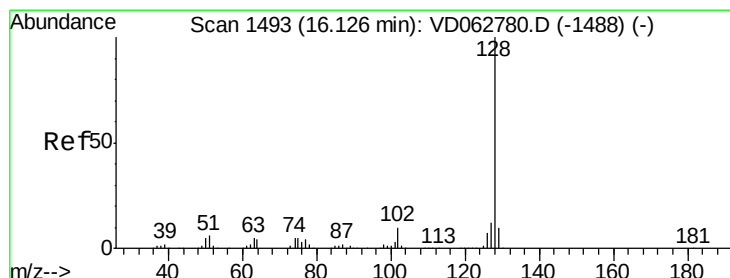
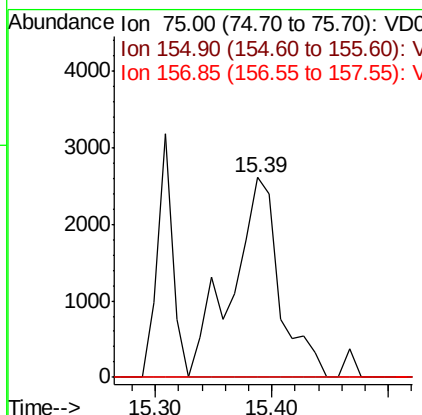
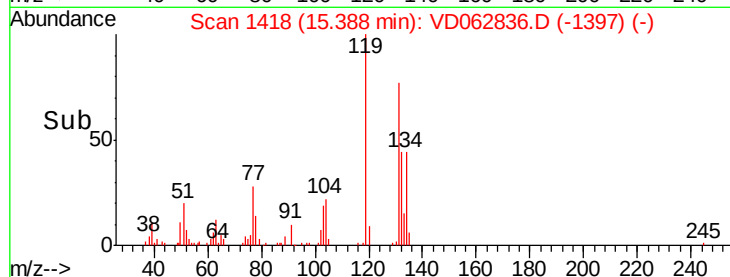
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.775 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

Tot Ion: 75 Resp: 7469
 Ion Ratio Lower Upper
 75 100
 155 0.0 29.3 87.8#
 157 0.0 41.3 123.7#

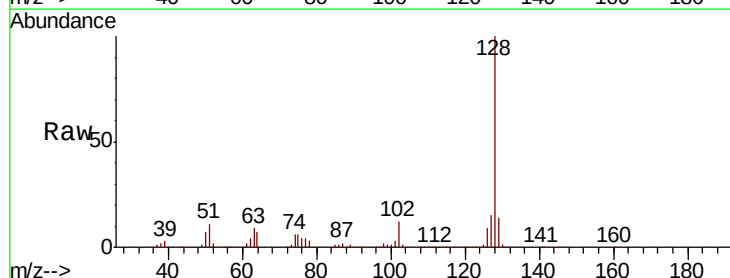


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



#95
 Naphthalene
 Concen: 861.939 ug/l
 RT: 16.13 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD062836.D
 Acq: 24 Jun 2019 13:21

Tgt Ion:128 Resp: 8485539
 Ion Ratio Lower Upper
 128 100
 127 15.5 9.7 14.5#
 129 13.5 8.3 12.5#



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

