

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059714.D
 Acq On : 8 Aug 2018 15:43
 Operator : VA/AP
 Sample : J4297-07RE
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Quant Time: Aug 08 16:44:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	165032	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	209665	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	95737	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	16542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	94780	44.65	ug/l	0.01
Spiked Amount			Recovery	=	89.30%	
35) Dibromofluoromethane	5.55	113	79918	42.44	ug/l	0.02
Spiked Amount			Recovery	=	84.88%	
50) Toluene-d8	8.71	98	133871	32.66	ug/l	0.01
Spiked Amount			Recovery	=	65.32%	
62) 4-Bromofluorobenzene	11.91	95	57346	30.31	ug/l	-0.01
Spiked Amount			Recovery	=	60.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	12131	30.420	ug/l	97
20) Methylene Chloride	3.07	84	2065	Below Cal	#	62
25) 2-Butanone	4.84	43	4852	9.263	ug/l	96
29) Tetrahydrofuran	5.59	42	7698	37.949	ug/l #	31
31) Cyclohexane	5.59	56	20394	8.145	ug/l	92
36) 1,1-Dichloropropene	5.63	75	14525	6.231	ug/l #	51
37) Ethyl Acetate	4.84	43	4852	4.287	ug/l #	72
38) Carbon Tetrachloride	5.64	117	17375	5.570	ug/l #	13
39) Methylcyclohexane	7.28	83	88866	45.111	ug/l	97
40) Benzene	6.01	78	8619	1.907	ug/l	99
43) Isopropyl Acetate	7.65	43	12715	8.596	ug/l #	46
45) 1,2-Dichloropropane	7.29	63	1329	1.113	ug/l #	1
48) Methyl methacrylate	7.54	41	8965	9.182	ug/l #	80
51) 4-Methyl-2-Pentanone	8.55	43	3419	3.169	ug/l #	43
52) Toluene	8.80	92	7325	2.540	ug/l	97
55) 1,1,2-Trichloroethane	9.51	97	6382	5.762	ug/l #	32
56) Ethyl methacrylate	9.37	69	25092	20.532	ug/l #	1
59) 2-Hexanone	9.75	43	305821	377.508	ug/l #	39
67) Ethyl Benzene	10.89	91	4134	1.138	ug/l #	49
69) o-Xylene	11.40	106	3957	3.502	ug/l	66
73) Isopropylbenzene	11.78	105	1806	1.625	ug/l #	54
74) N-amyl acetate	11.60	43	456909	1284.681	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.09	83	188472	844.867	ug/l #	37
76) 1,2,3-Trichloropropane	12.09	75	905	3.539	ug/l #	1
79) 2-Chlorotoluene	12.16	91	1183	1.422	ug/l	82
80) 1,3,5-Trimethylbenzene	12.33	105	7840	8.466	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.93	75	12963	207.715	ug/l #	36
82) 4-Chlorotoluene	12.27	91	8815	9.050	ug/l	82
83) tert-Butylbenzene	12.58	119	13294	12.826	ug/l	65
84) 1,2,4-Trimethylbenzene	12.63	105	4721	4.811	ug/l	84
85) sec-Butylbenzene	12.76	105	24929	21.658	ug/l	94
86) p-Isopropyltoluene	12.89	119	2360	2.404	ug/l #	1
89) n-Butylbenzene	13.20	91	30633	30.778	ug/l #	54
90) Hexachloroethane	13.40	117	2825	11.104	ug/l #	7

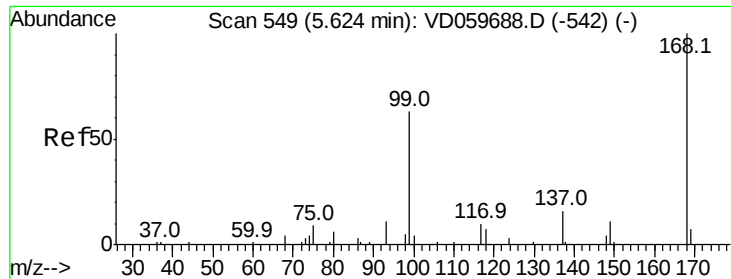
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
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Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.83	75	2903	62.305	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.34	180	812	1.917	ug/l #	1
95) Naphthalene	14.51	128	8265	13.172	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.77	180	2224	6.001	ug/l	59

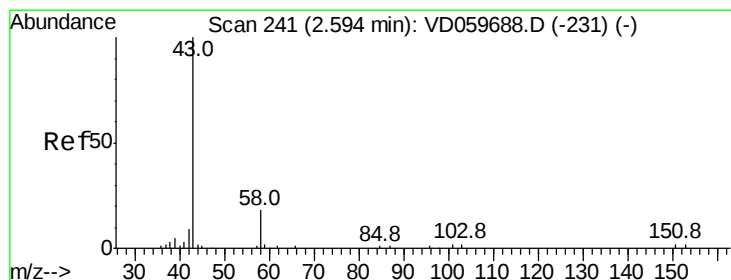
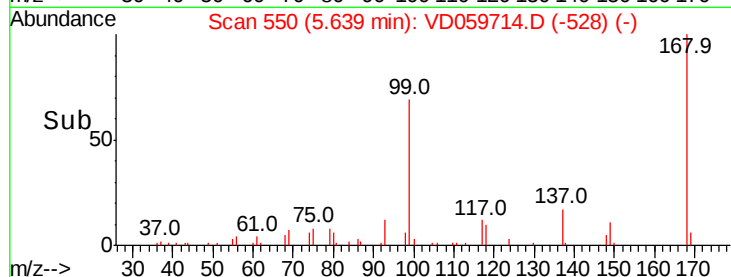
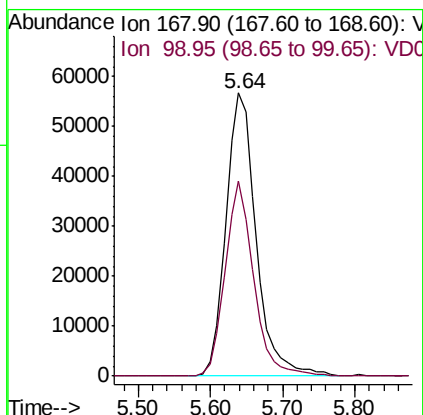
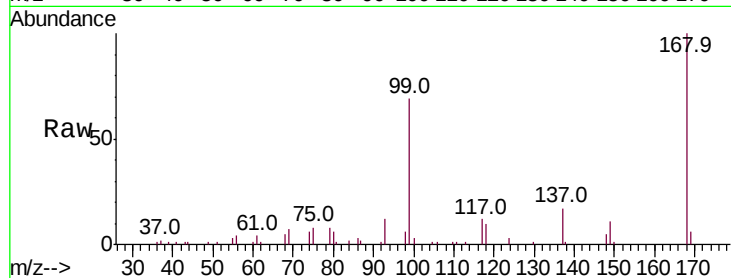
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

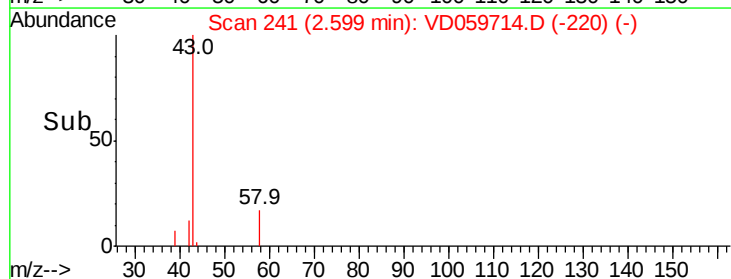
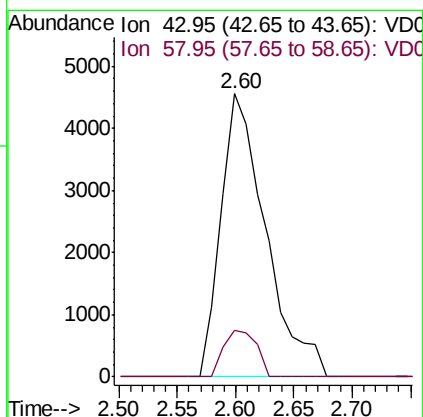
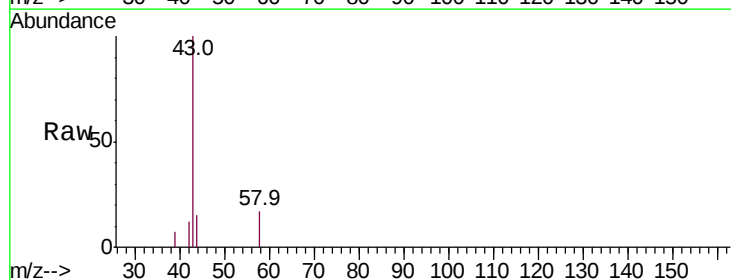
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

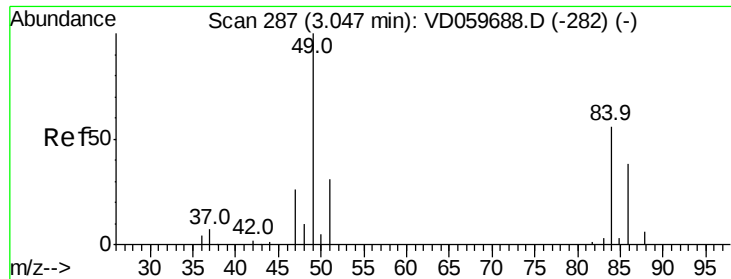
Tot Ion:168 Resp: 165032
Ion Ratio Lower Upper
168 100
99 68.8 53.4 80.2



#16
Acetone
Concen: 30.420 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 43 Resp: 12131
Ion Ratio Lower Upper
43 100
58 16.5 14.2 21.2

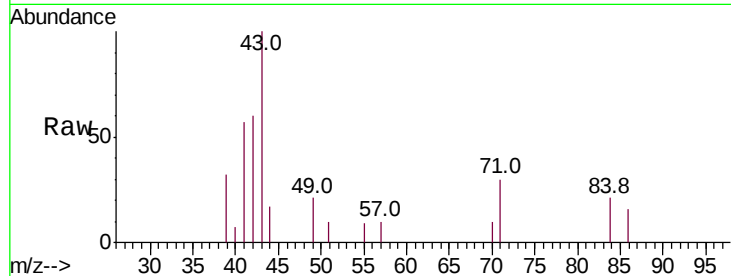




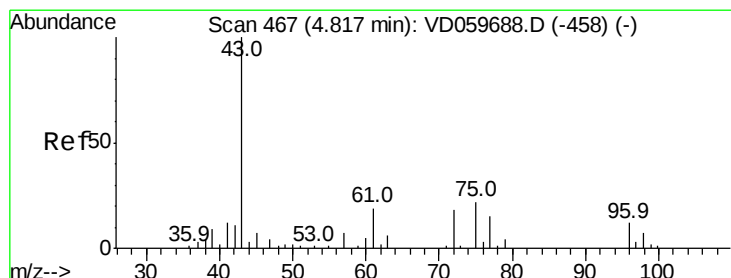
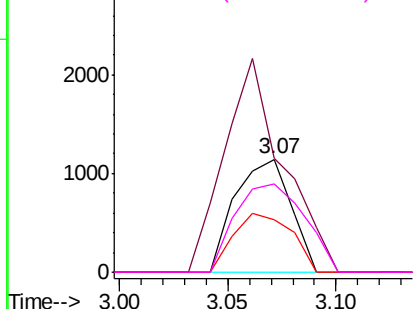
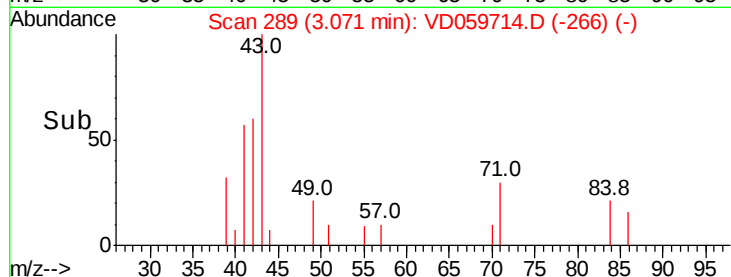
#20
Methvlene Chloride
Concen: Below Cal
RT: 3.07 min Scan# 289
Delta R.T. 0.03 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

Tot Ion: 84 Resp: 2065
Ion Ratio Lower Upper
84 100
49 100.7 143.4 215.2#
51 46.7 44.2 66.4
86 78.8 55.0 82.6

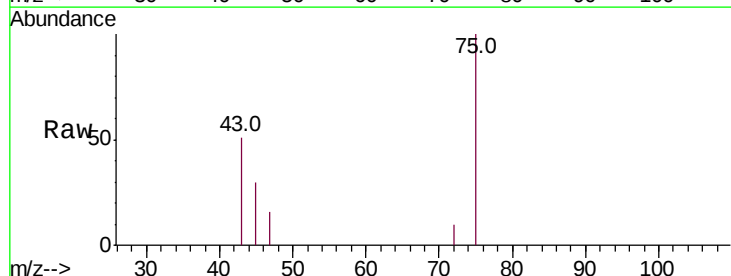


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

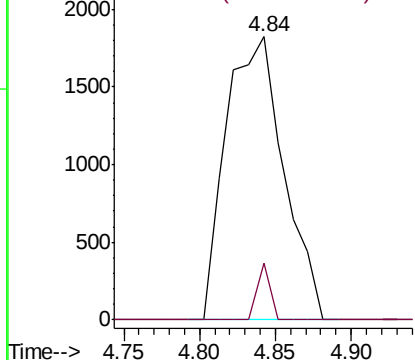
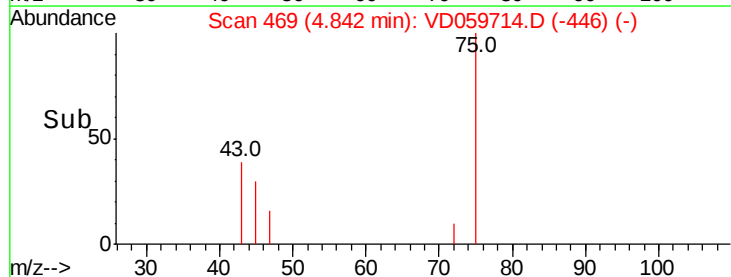


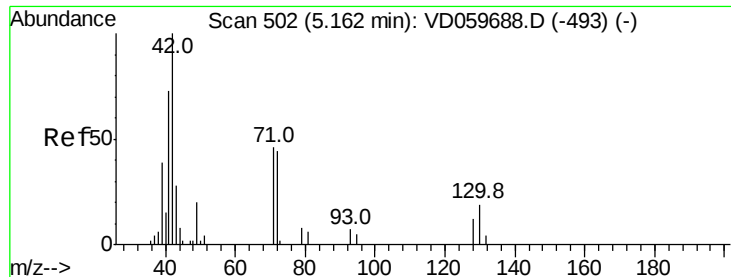
#25
2-Butanone
Concen: 9.263 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.02 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
72 20.1 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 37.949 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.43 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

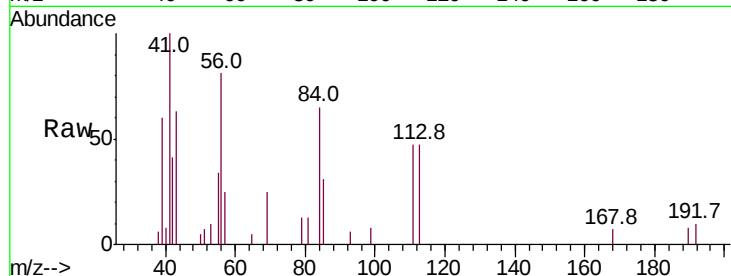
Tot Ion: 42 Resp: 7698

Ion Ratio Lower Upper

42 100

72 0.0 36.7 55.1#

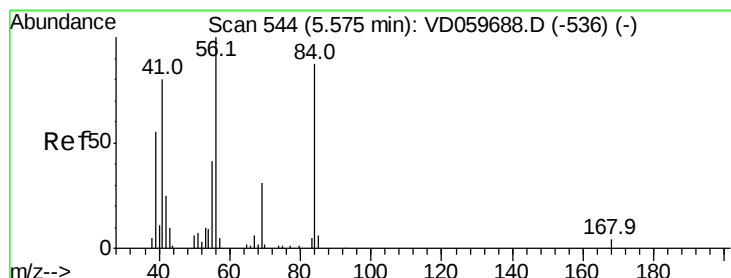
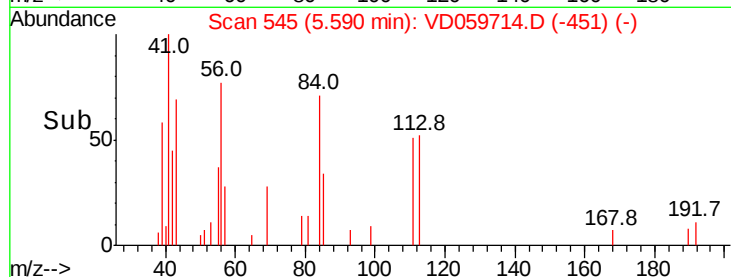
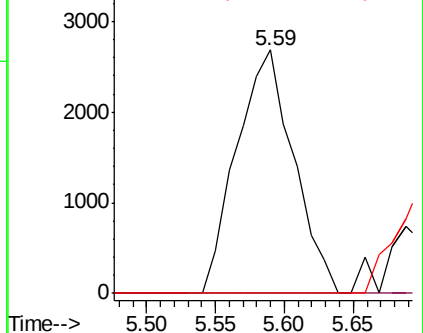
71 0.0 36.3 54.5#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: 8.145 ug/l

RT: 5.59 min Scan# 545

Delta R.T. 0.02 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

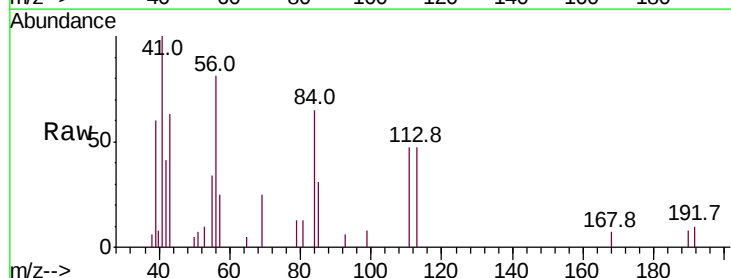
Tgt Ion: 56 Resp: 20394

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

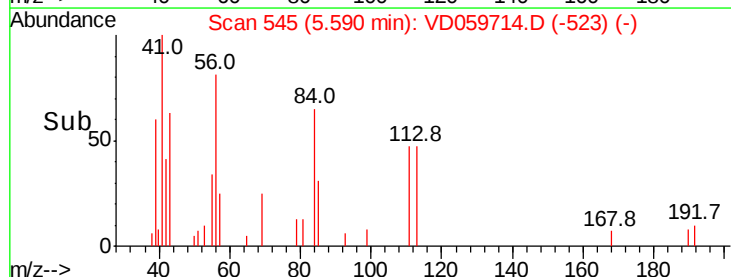
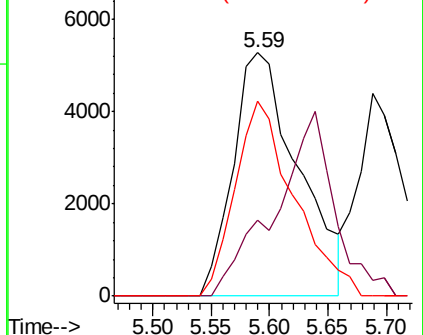
84 79.9 72.2 108.2

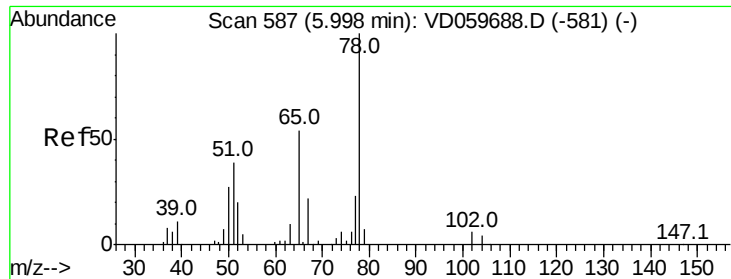


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

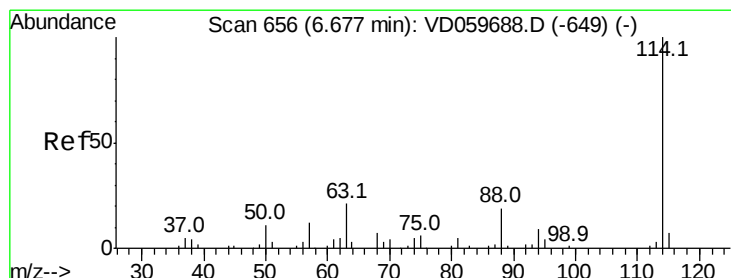
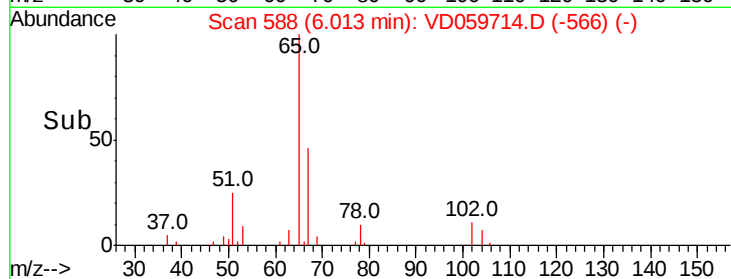
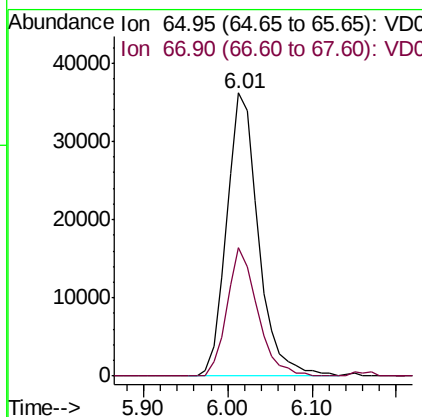
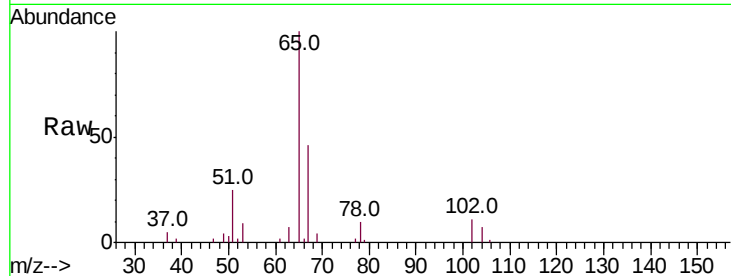




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

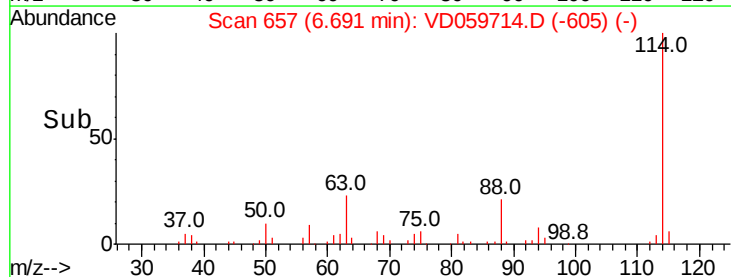
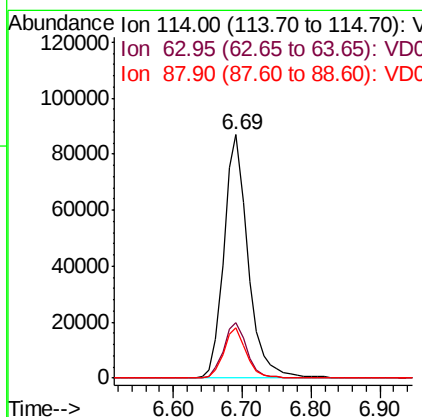
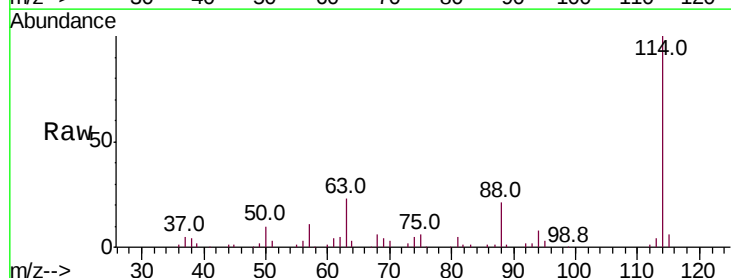
Instrument :
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 TP-7RE

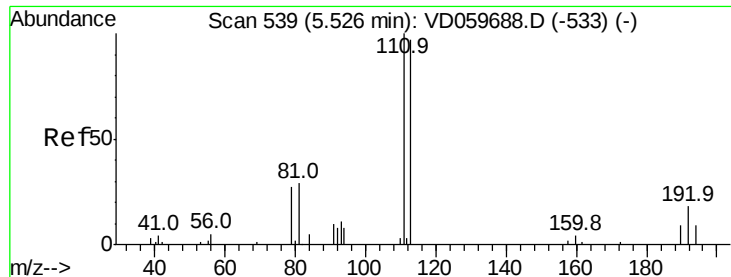
Tot Ion: 65 Resp: 94780
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion: 114 Resp: 209665
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.6
 88 20.5 0.0 38.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.02 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

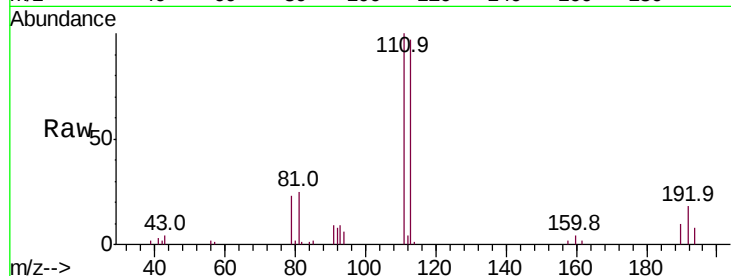
Tot Ion:113 Resp: 79918

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

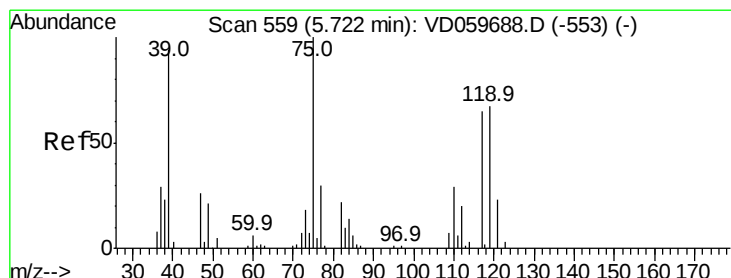
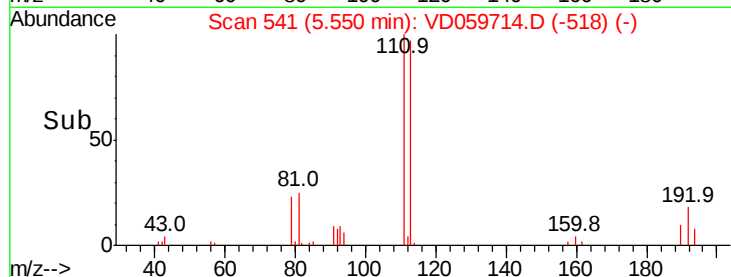
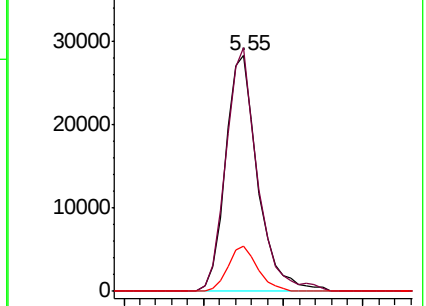
192 19.0 14.6 22.0



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



#36

1,1-Dichloropropene

Concen: 6.231 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.09 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

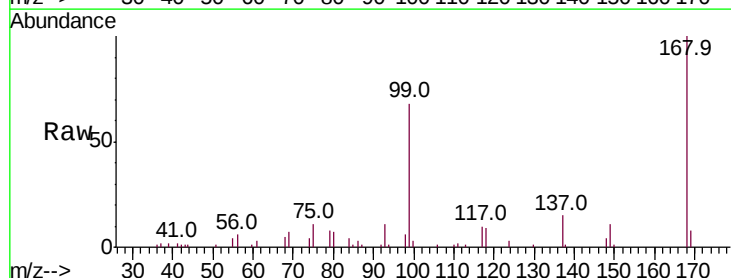
Tgt Ion: 75 Resp: 14525

Ion Ratio Lower Upper

75 100

110 6.3 14.1 42.3#

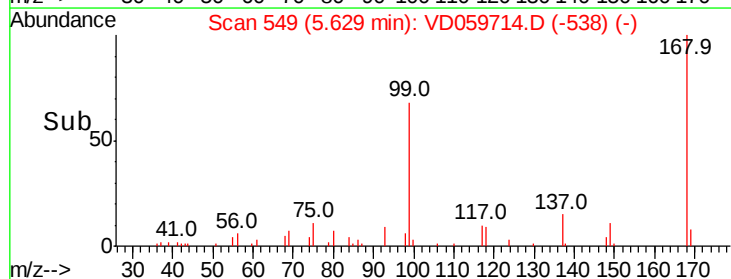
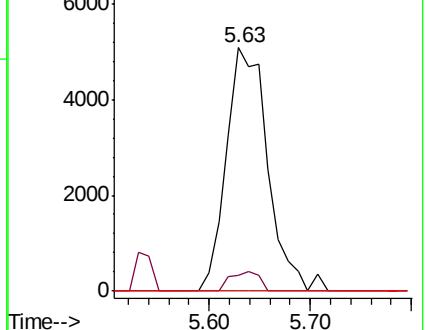
77 0.0 23.9 35.9#

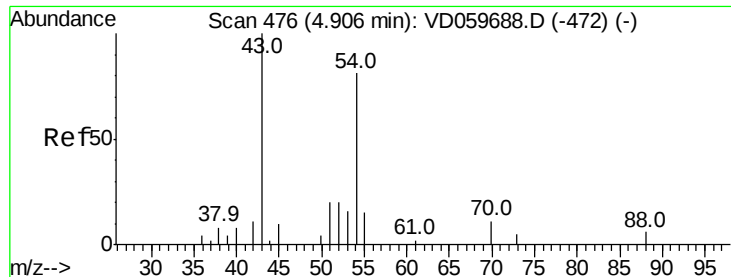


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

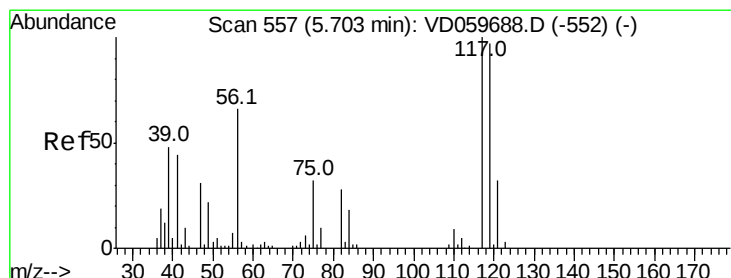
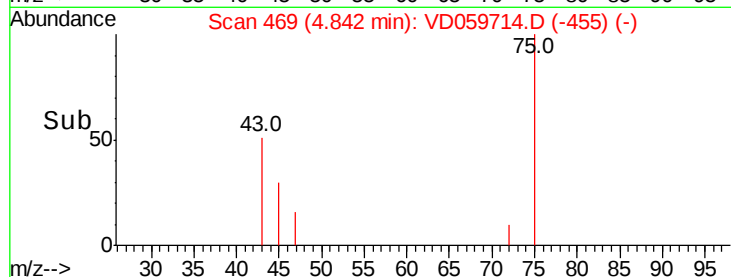
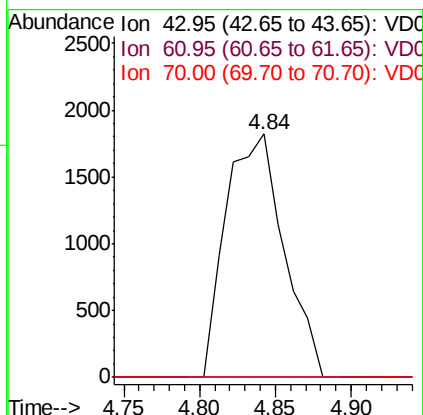
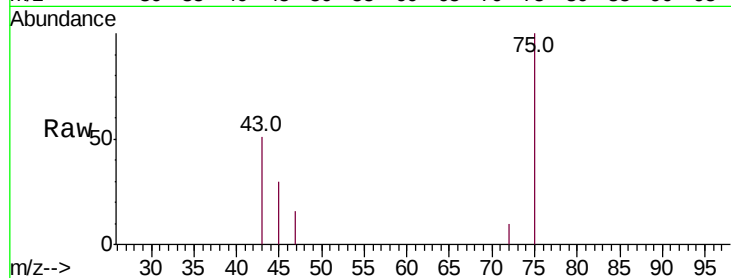




#37
Ethyl Acetate
Concen: 4.287 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.06 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

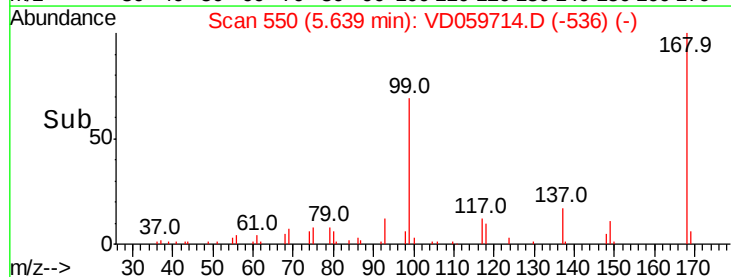
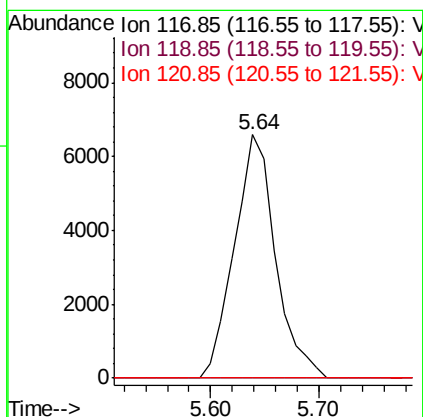
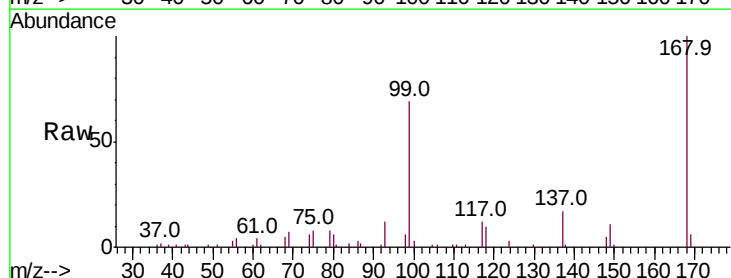
Instrument :
MSVOA_D
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TP-7RE

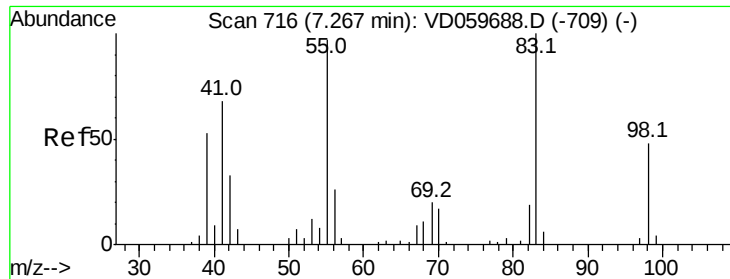
Tot Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 5.4 8.2#



#38
Carbon Tetrachloride
Concen: 5.570 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.06 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 117 Resp: 17375
Ion Ratio Lower Upper
117 100
119 0.0 75.3 112.9#
121 0.0 24.4 36.6#

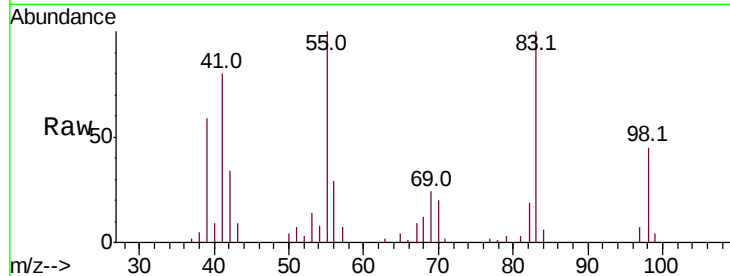




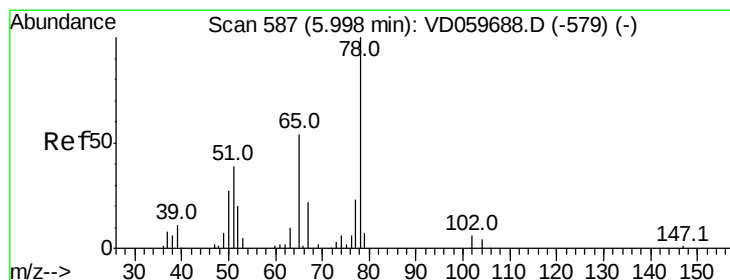
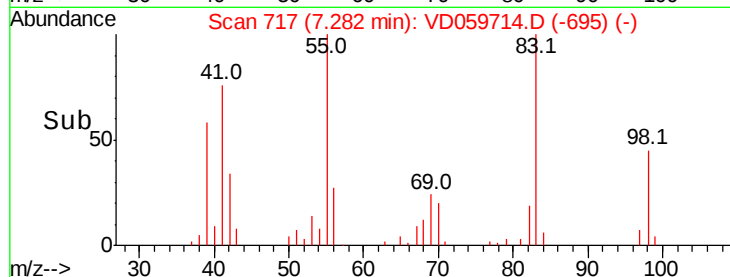
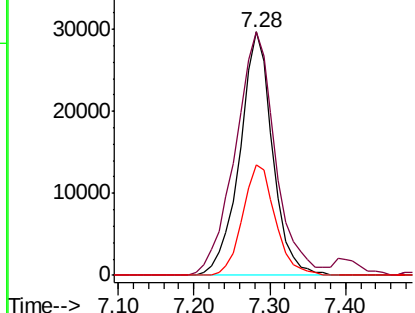
#39
Methvlcvclohexane
Concen: 45.111 ug/l
RT: 7.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

Tot Ion: 83 Resp: 88866
Ion Ratio Lower Upper
83 100
55 99.9 77.7 116.5
98 45.4 38.7 58.1

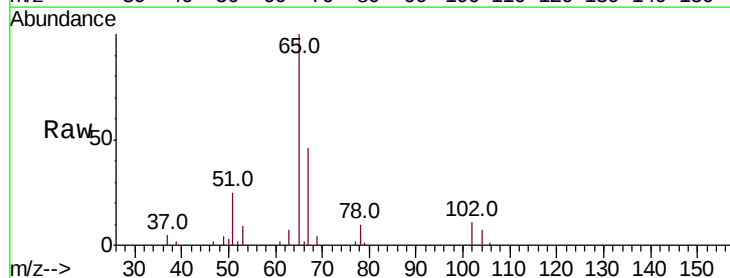


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

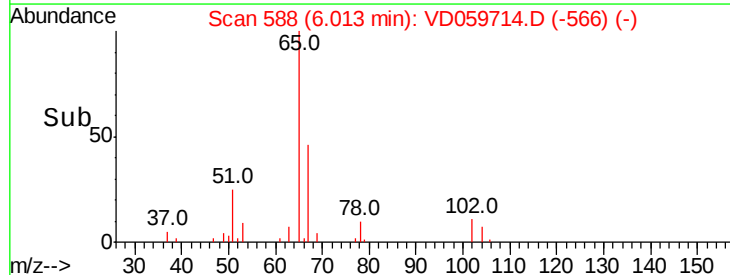
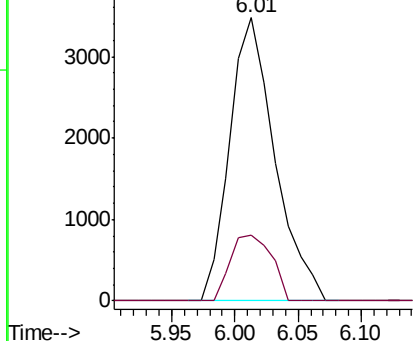


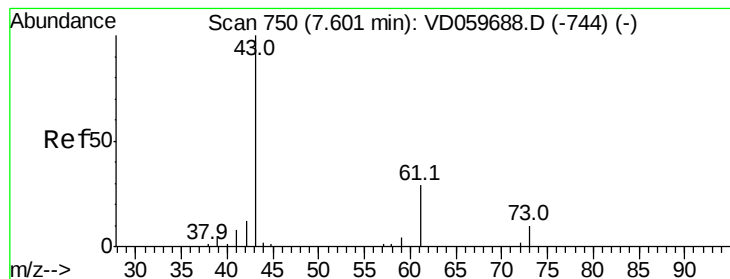
#40
Benzene
Concen: 1.907 ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 78 Resp: 8619
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#43

Isopropyl Acetate

Concen: 8.596 ug/l

RT: 7.65 min Scan# 754

Delta R.T. 0.04 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleID :

TP-7RE

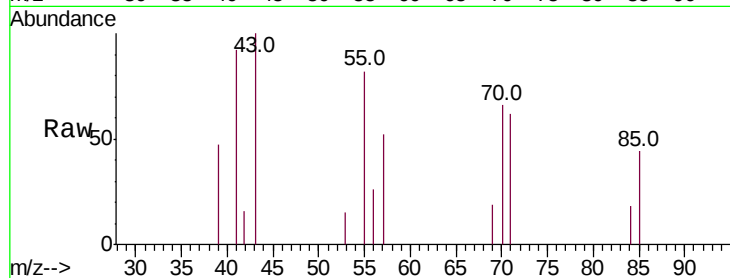
Tot Ion: 43 Resp: 12715

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

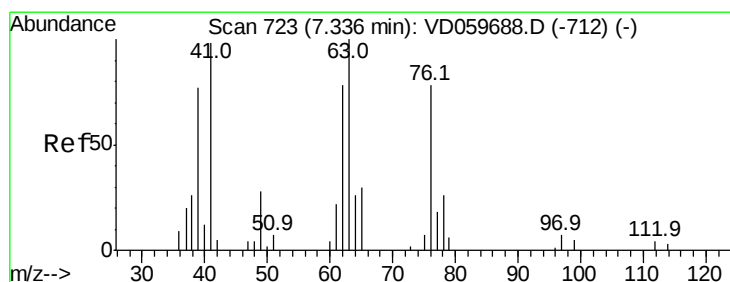
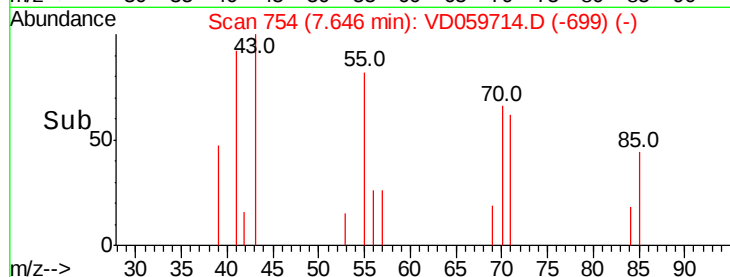
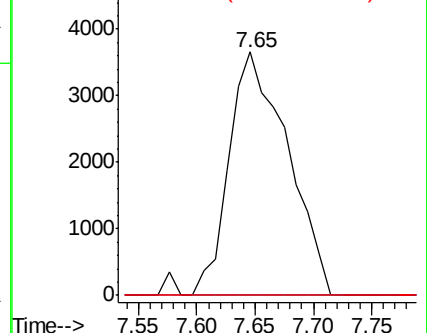
87 0.0 0.0 0.0



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



#45

1,2-Dichloropropane

Concen: 1.113 ug/l

RT: 7.29 min Scan# 718

Delta R.T. -0.04 min

Lab File: VD059714.D

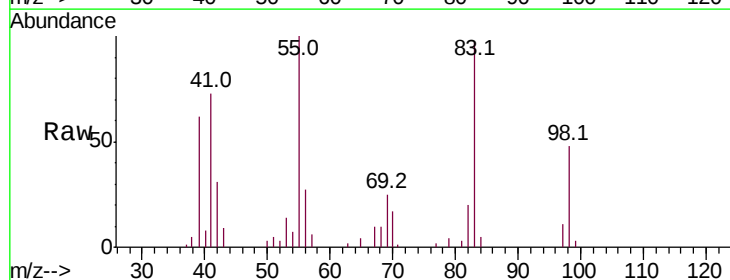
Acq: 8 Aug 2018 15:43

Tgt Ion: 63 Resp: 1329

Ion Ratio Lower Upper

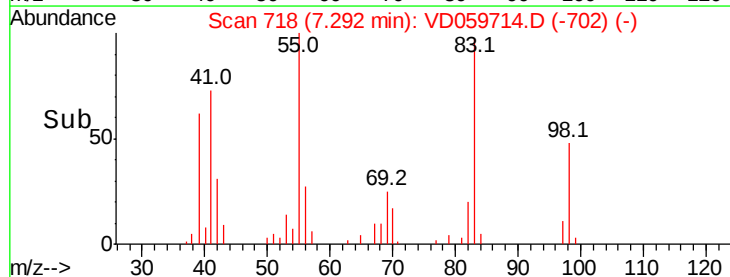
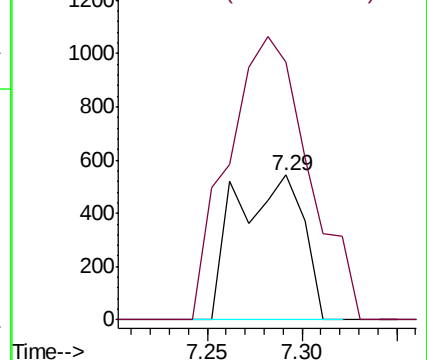
63 100

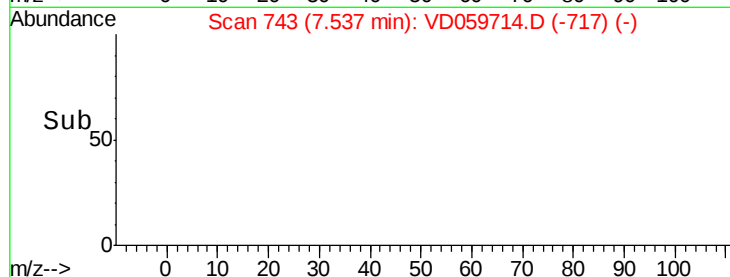
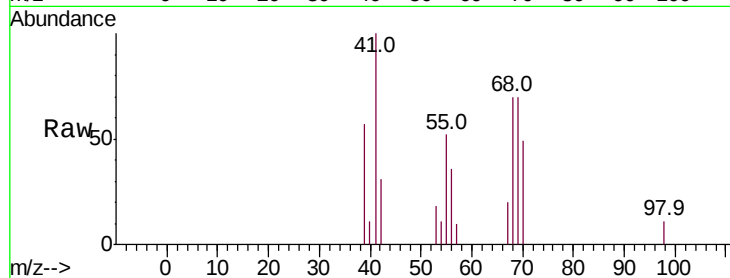
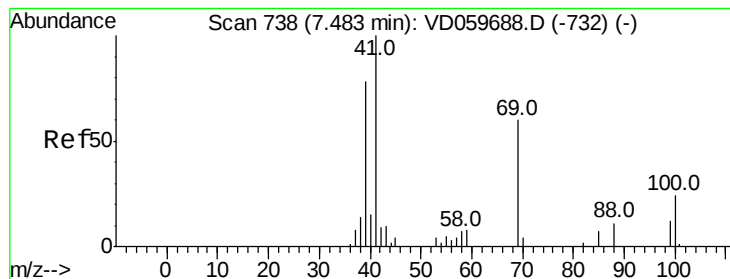
65 177.8 24.2 36.4#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC





#48

Methyl methacrylate

Concen: 9.182 ug/l

RT: 7.54 min Scan# 743

Delta R.T. 0.05 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

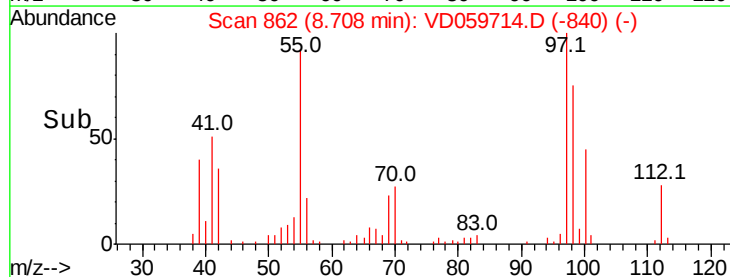
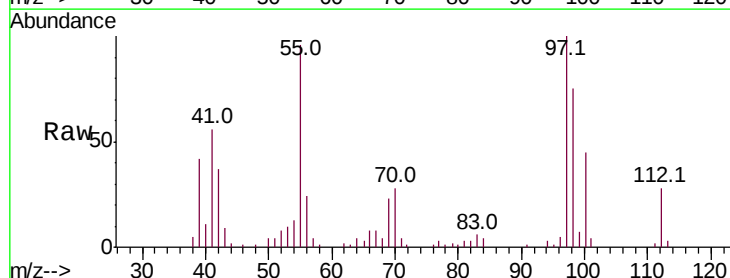
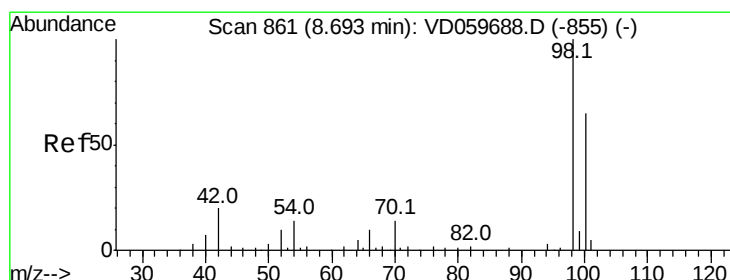
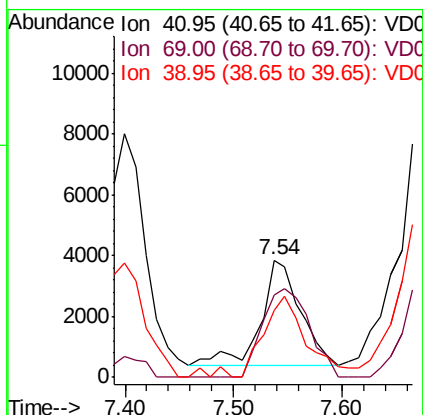
Tot Ion: 41 Resp: 8965

Ion Ratio Lower Upper

41 100

69 70.0 47.3 70.9

39 57.5 62.9 94.3#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059714.D

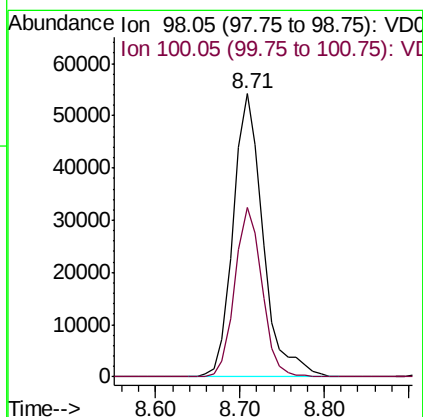
Acq: 8 Aug 2018 15:43

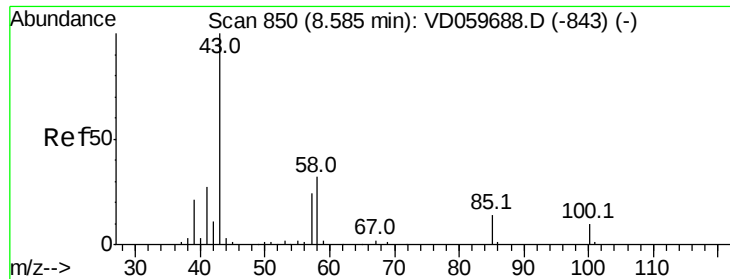
Tgt Ion: 98 Resp: 133871

Ion Ratio Lower Upper

98 100

100 59.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 3.169 ug/l

RT: 8.55 min Scan# 846

Delta R.T. -0.03 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampled :

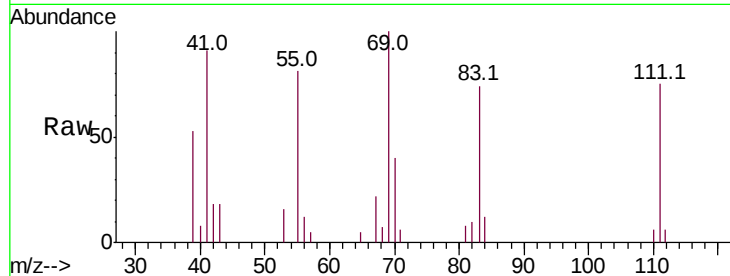
TP-7RE

Tot Ion: 43 Resp: 3419

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

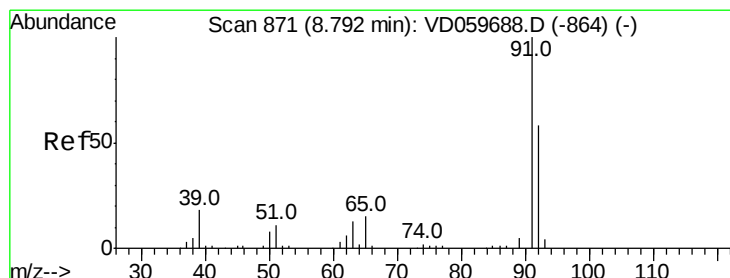
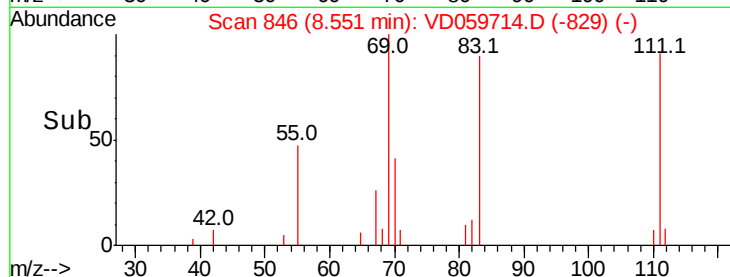
4000

2000

0

8.50 8.55 8.60

Time-->



#52

Toluene

Concen: 2.540 ug/l

RT: 8.80 min Scan# 871

Delta R.T. 0.01 min

Lab File: VD059714.D

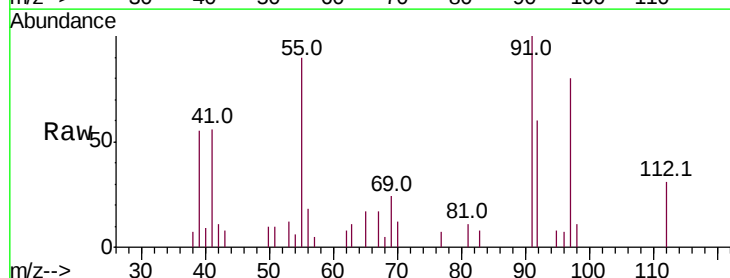
Acq: 8 Aug 2018 15:43

Tgt Ion: 92 Resp: 7325

Ion Ratio Lower Upper

92 100

91 166.6 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

6000

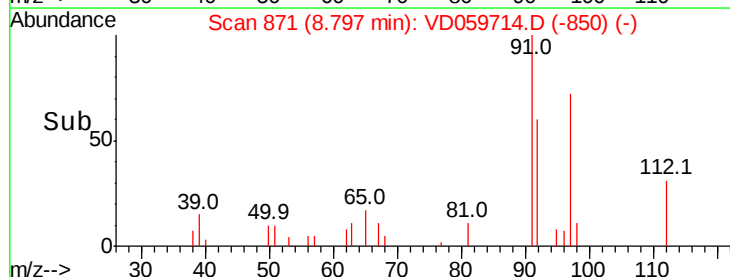
4000

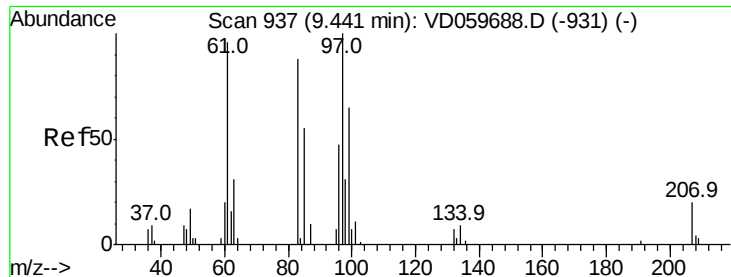
2000

0

8.75 8.80 8.85

Time-->





#55

1,1,2-Trichloroethane

Concen: 5.762 ug/l

RT: 9.51 min Scan# 944

Delta R.T. 0.07 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleID :

TP-7RE

Tot Ion: 97 Resp: 6382

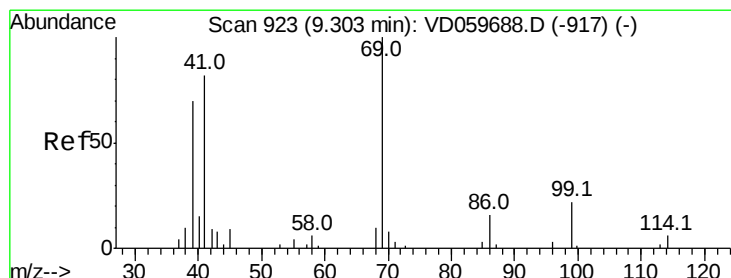
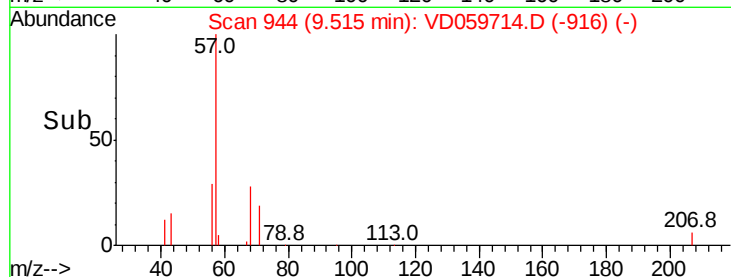
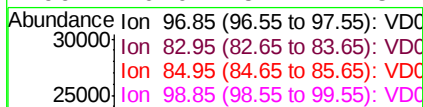
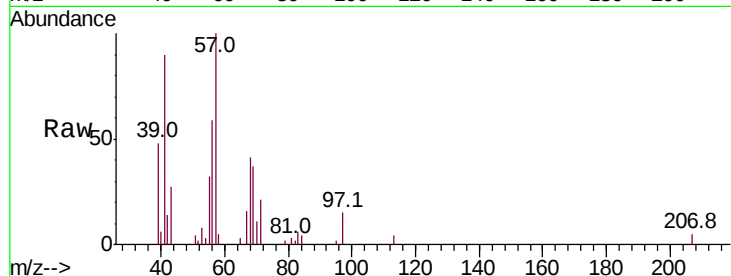
Ion Ratio Lower Upper

97 100

83 40.1 70.8 106.2#

85 0.0 44.1 66.1#

99 0.0 52.2 78.4#



#56

Ethyl methacrylate

Concen: 20.532 ug/l

RT: 9.37 min Scan# 929

Delta R.T. 0.06 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

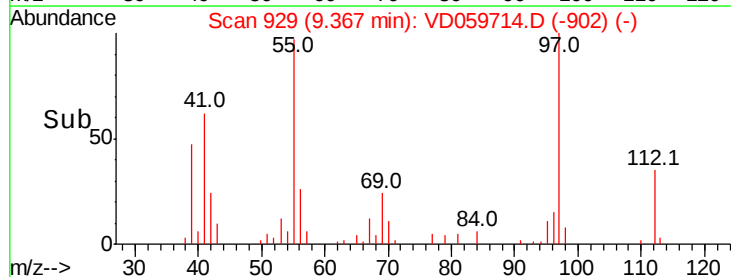
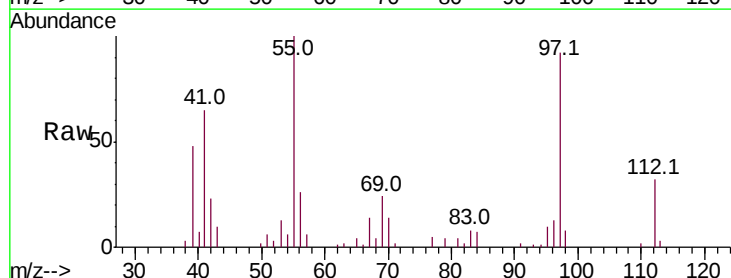
Tgt Ion: 69 Resp: 25092

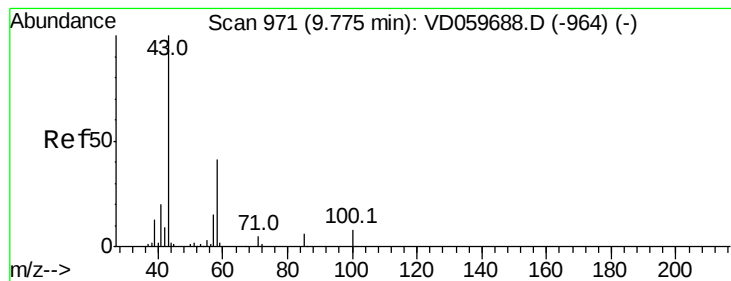
Ion Ratio Lower Upper

69 100

41 273.7 65.7 98.5#

39 203.3 55.8 83.8#





#59

2-Hexanone

Concen: 377.508 ug/l

RT: 9.75 min Scan# 968

Delta R.T. -0.02 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampled :

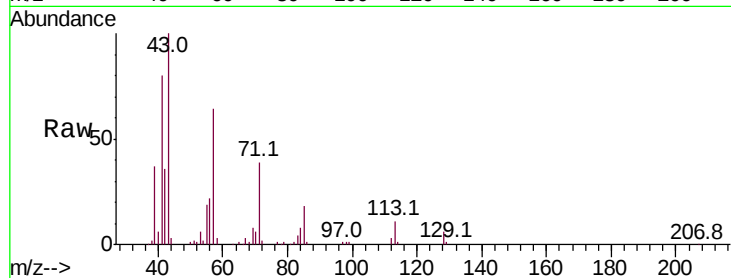
TP-7RE

Tot Ion: 43 Resp: 305821

Ion Ratio Lower Upper

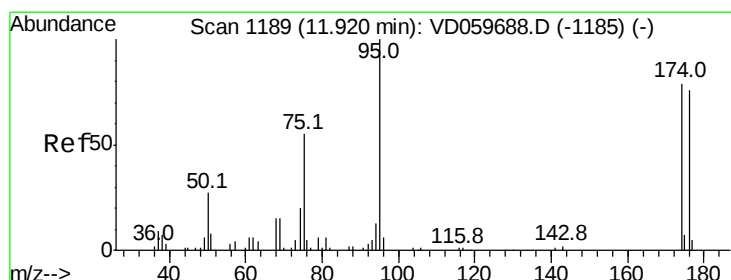
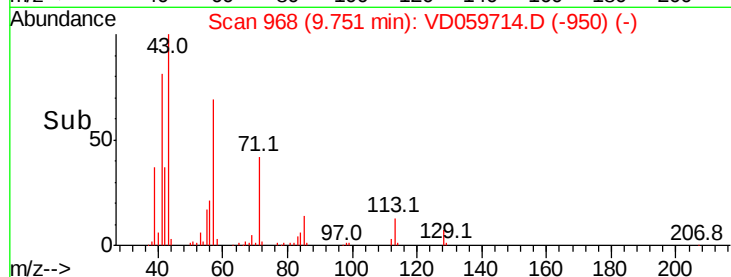
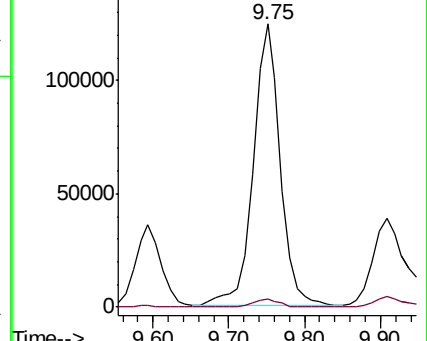
43 100

58 3.1 20.4 61.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

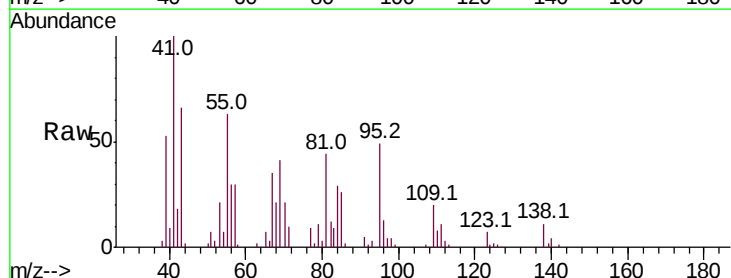
Tgt Ion: 95 Resp: 57346

Ion Ratio Lower Upper

95 100

174 0.0 0.0 158.4

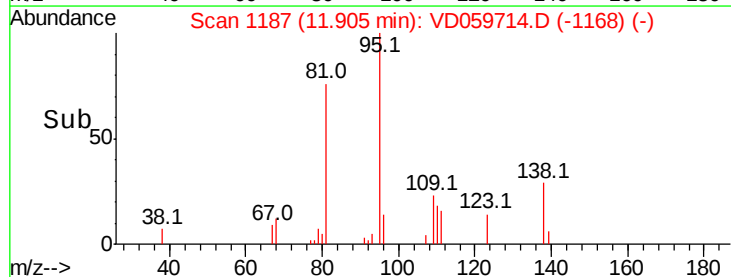
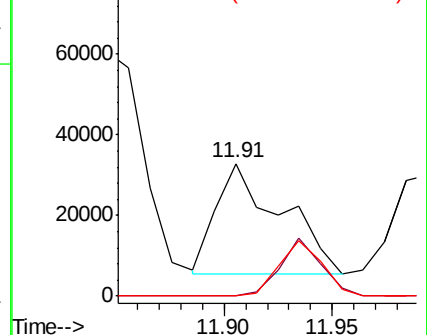
176 0.0 0.0 153.0

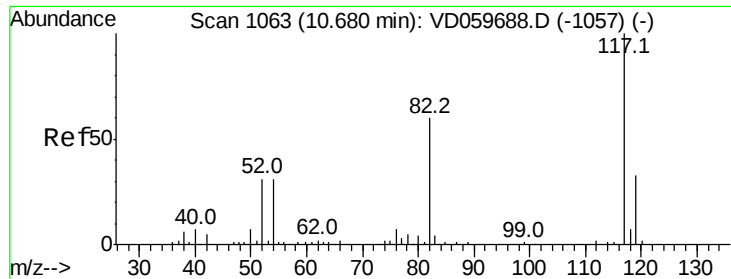


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

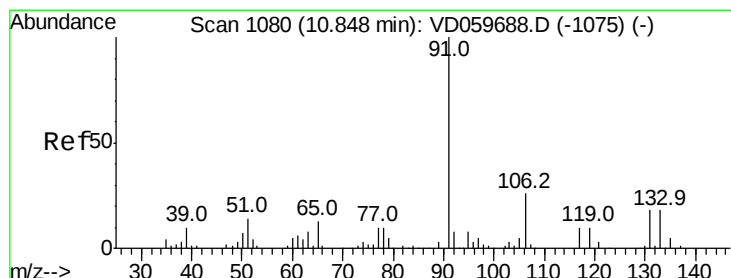
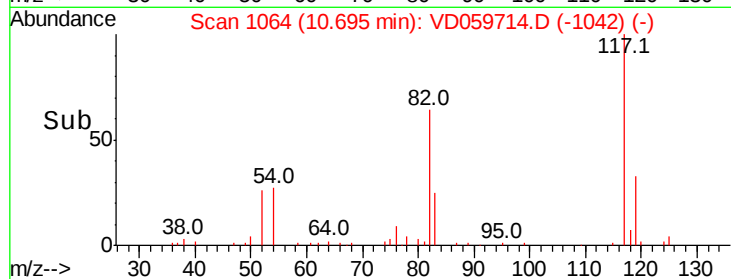
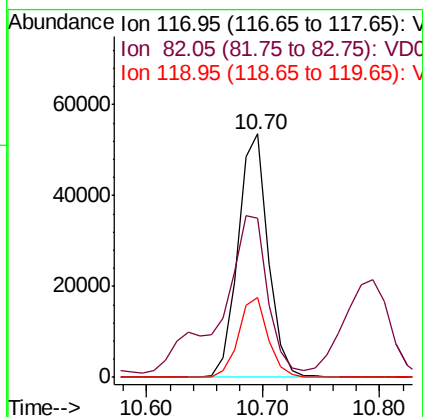
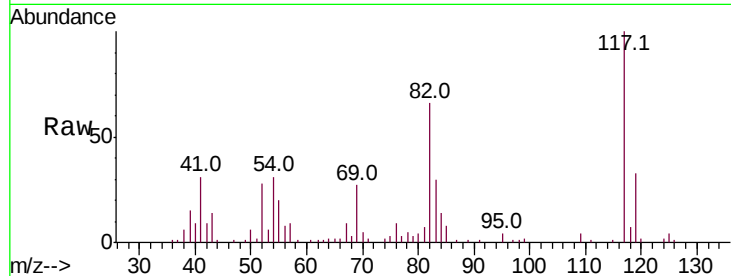




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

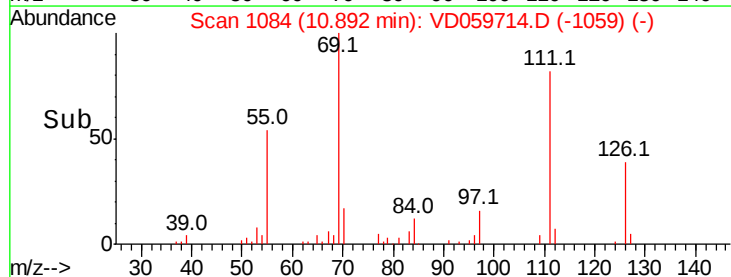
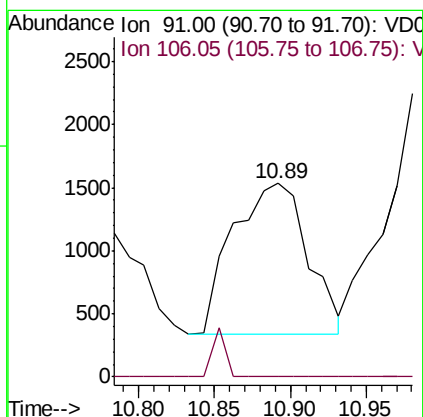
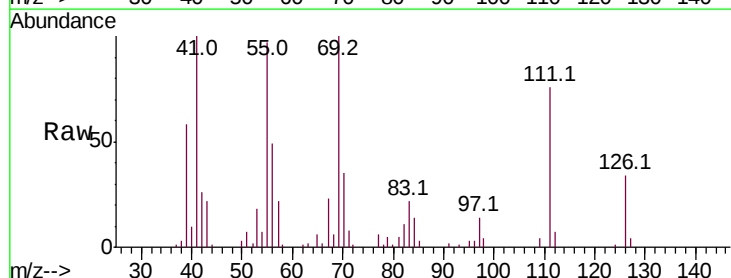
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

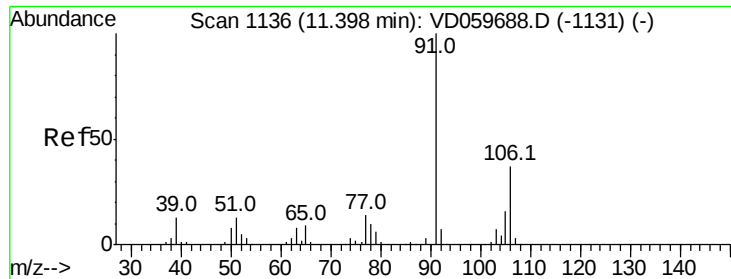
Tot Ion:117 Resp: 95737
Ion Ratio Lower Upper
117 100
82 65.5 47.7 71.5
119 32.7 26.6 40.0



#67
Ethyl Benzene
Concen: 1.138 ug/l
RT: 10.89 min Scan# 1084
Delta R.T. 0.04 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion: 91 Resp: 4134
Ion Ratio Lower Upper
91 100
106 0.0 20.9 31.3#

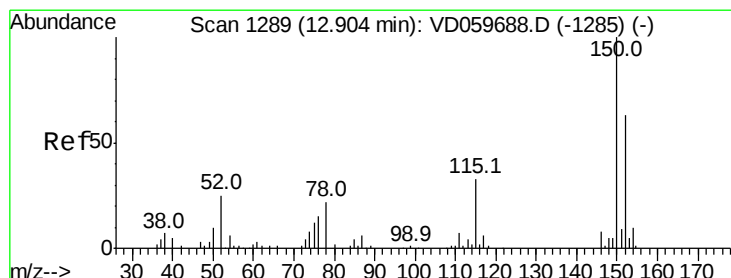
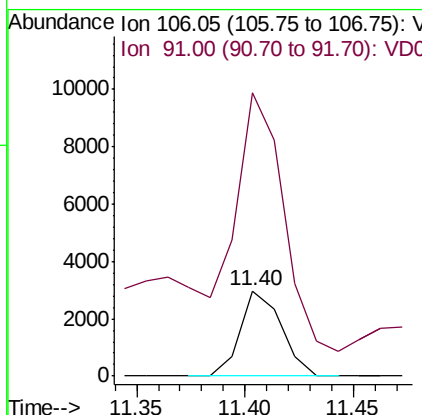
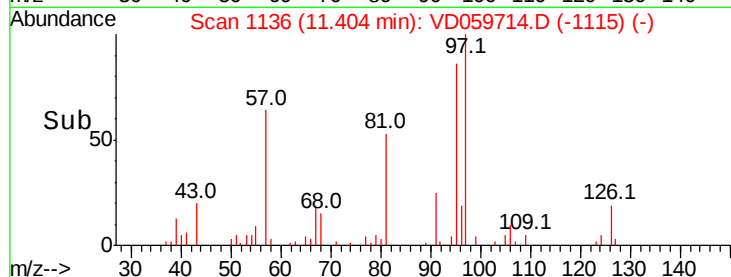
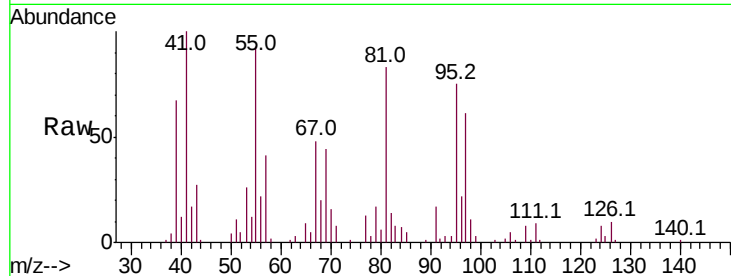




#69
o-Xylene
Concen: 3.502 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

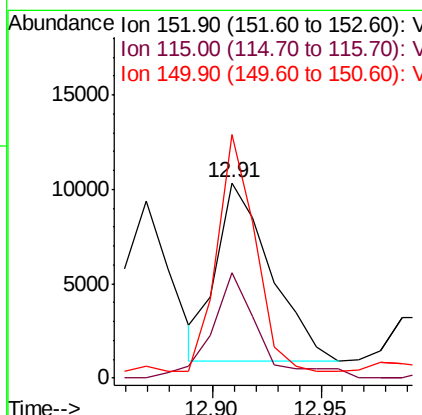
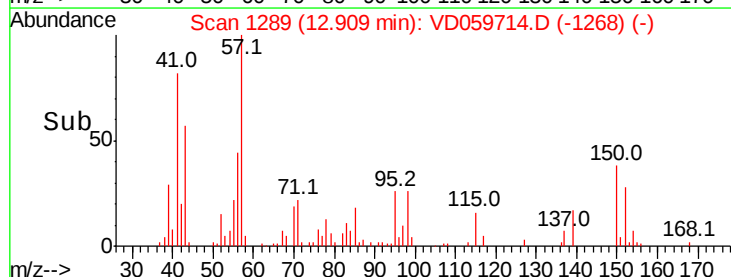
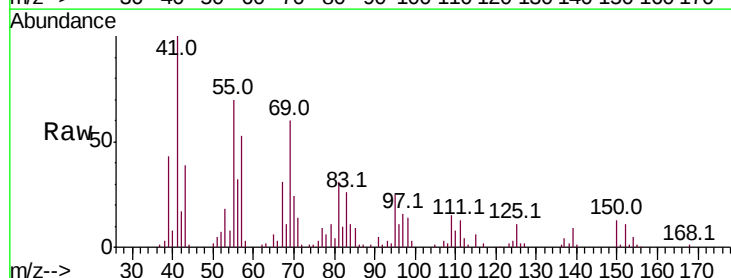
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

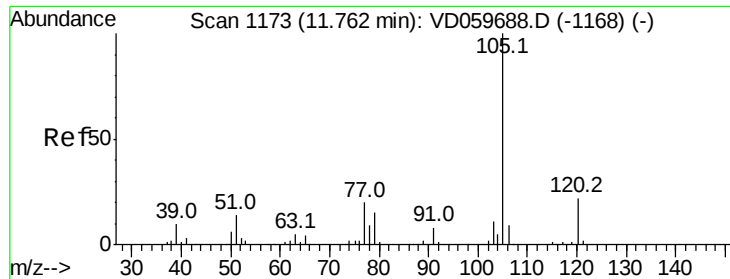
Tot Ion:106 Resp: 3957
Ion Ratio Lower Upper
106 100
91 332.6 135.2 405.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion:152 Resp: 16542
Ion Ratio Lower Upper
152 100
115 54.1 28.8 86.4
150 124.8 0.0 318.0





#73

Isopropylbenzene

Concen: 1.625 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampled :

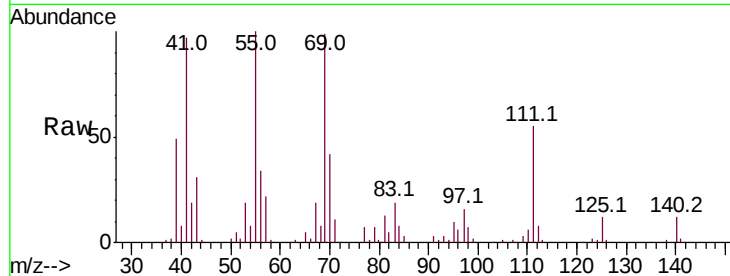
TP-7RE

Tot Ion:105 Resp: 1806

Ion Ratio Lower Upper

105 100

120 0.0 10.8 32.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

800

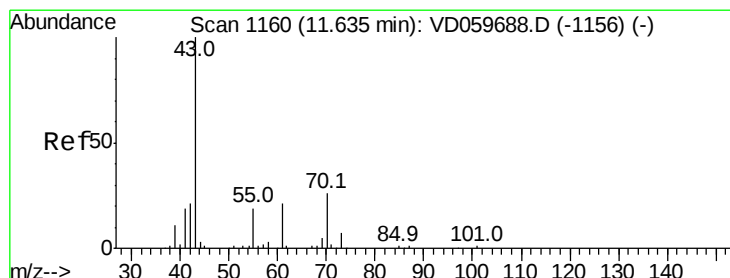
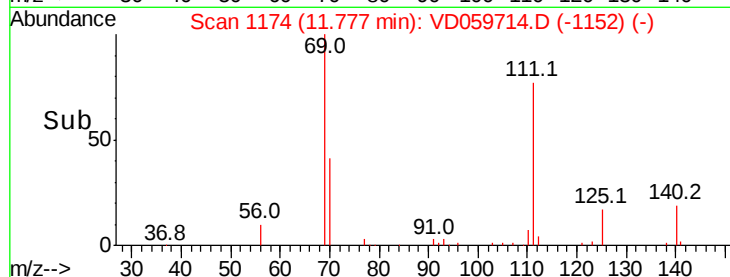
600

400

200

0

Time-->



#74

N-ethyl acetate

Concen: 1284.681 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. -0.03 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Tgt Ion: 43 Resp: 456909

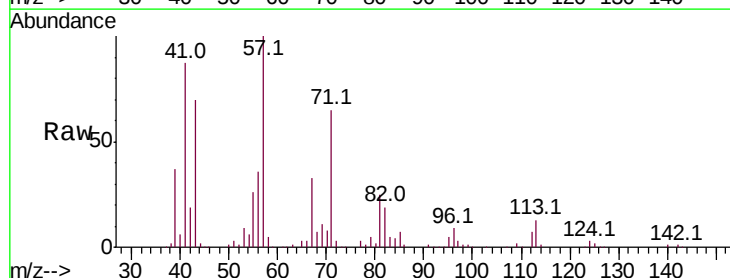
Ion Ratio Lower Upper

43 100

70 11.6 21.0 31.6#

55 37.2 15.4 23.2#

61 0.1 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

11.60

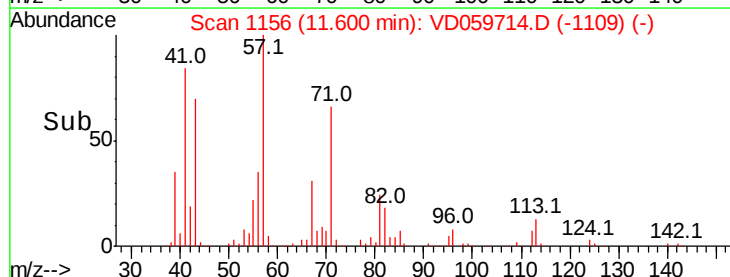
300000

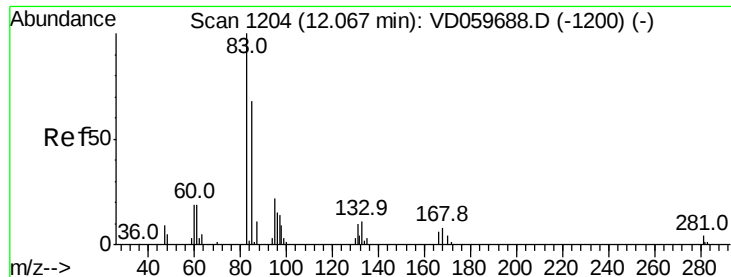
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 844.867 ug/l

RT: 12.09 min Scan# 1206

Delta R.T. 0.02 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampled :

TP-7RE

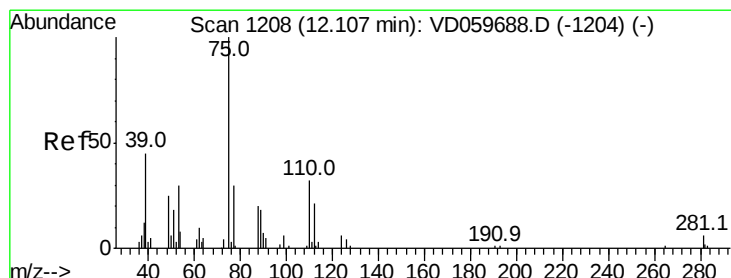
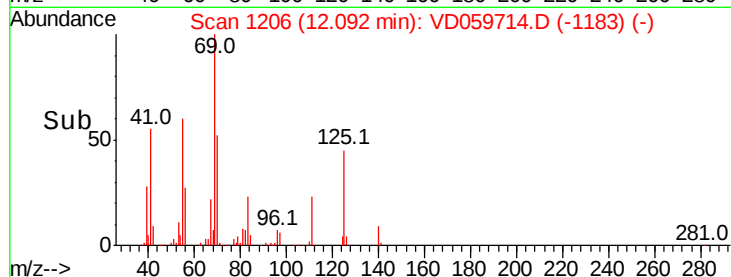
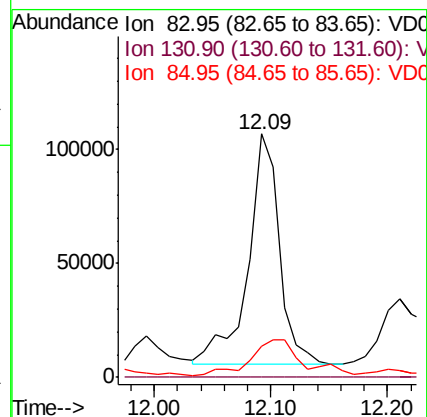
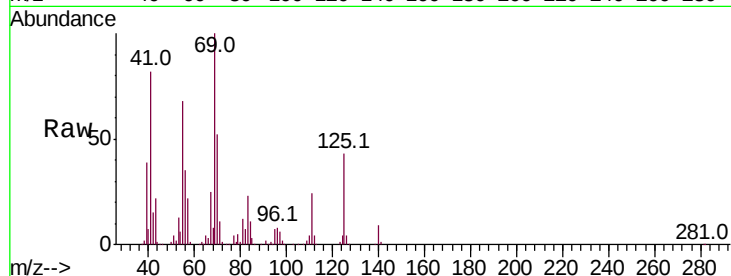
Tot Ion: 83 Resp: 188472

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 12.7 34.1 102.2#



#76

1,2,3-Trichloropropane

Concen: 3.539 ug/l

RT: 12.09 min Scan# 1206

Delta R.T. -0.01 min

Lab File: VD059714.D

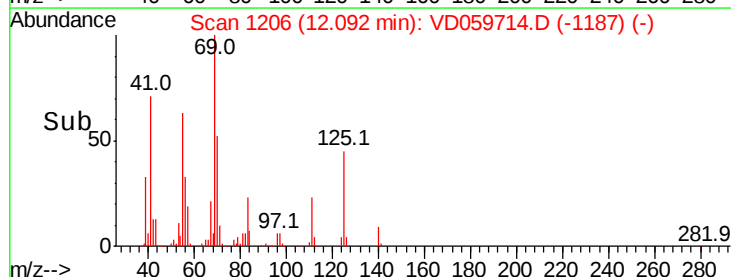
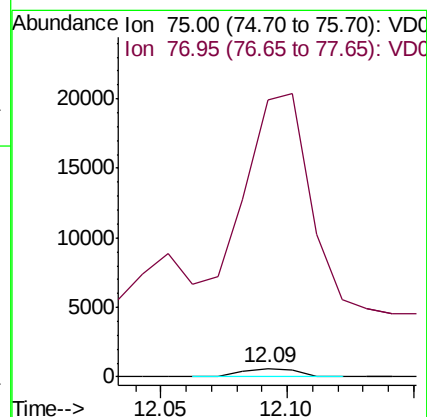
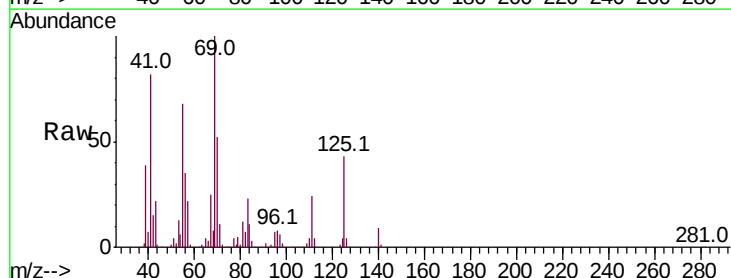
Acq: 8 Aug 2018 15:43

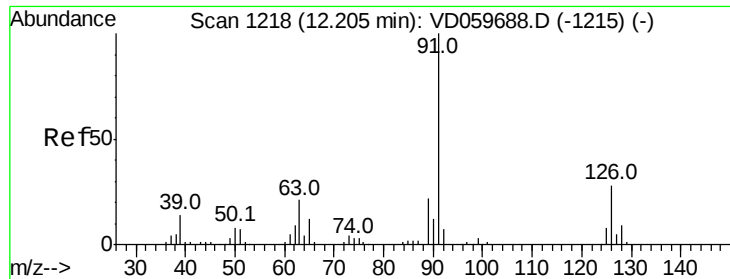
Tgt Ion: 75 Resp: 905

Ion Ratio Lower Upper

75 100

77 3264.3 15.5 46.5#

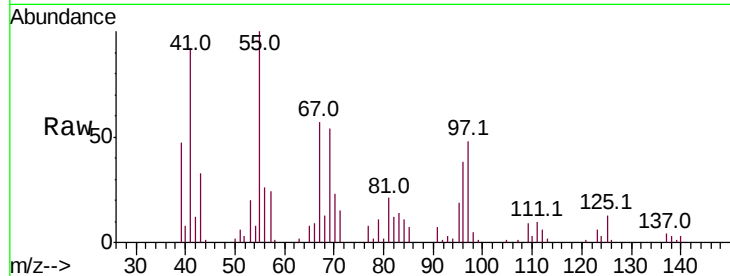




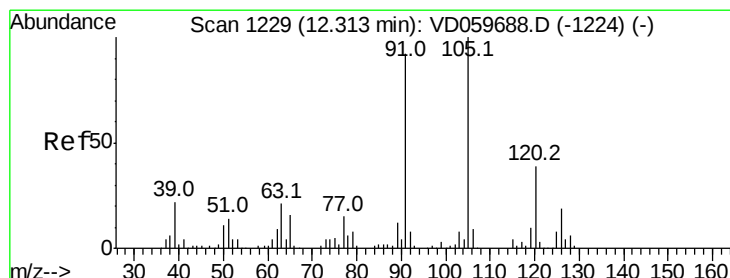
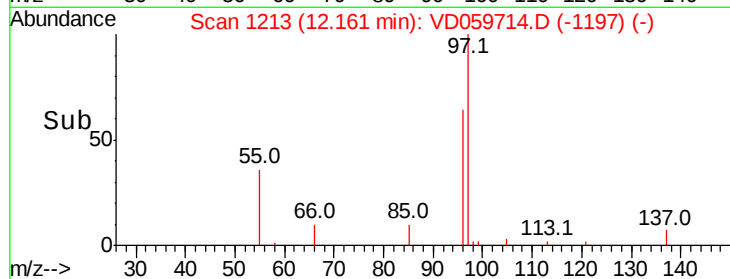
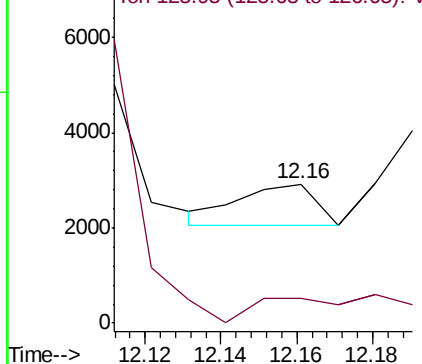
#79
 2-Chlorotoluene
 Concen: 1.422 ug/l
 RT: 12.16 min Scan# 1213
 Delta R.T. -0.04 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Tot Ion: 91 Resp: 1183
 Ion Ratio Lower Upper
 91 100
 126 18.0 13.7 41.0

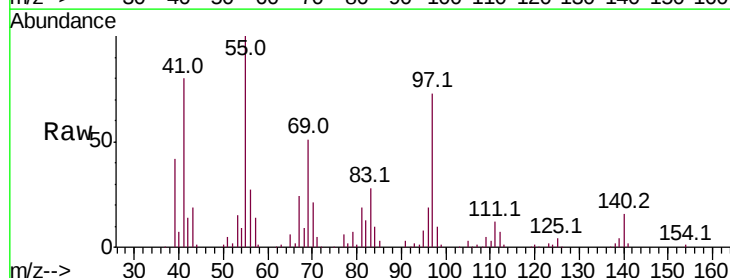


Abundance Ion 91.00 (90.70 to 91.70): V

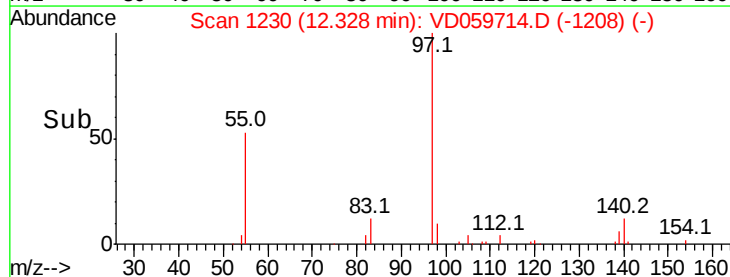
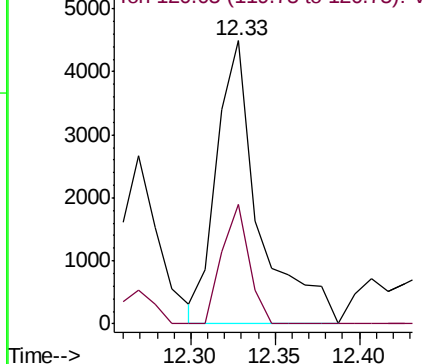


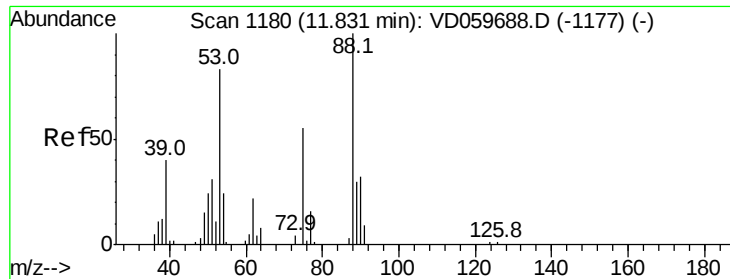
#80
 1,3,5-Trimethylbenzene
 Concen: 8.466 ug/l
 RT: 12.33 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion:105 Resp: 7840
 Ion Ratio Lower Upper
 105 100
 120 42.2 19.7 59.1



Abundance Ion 105.05 (104.75 to 105.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 207.715 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

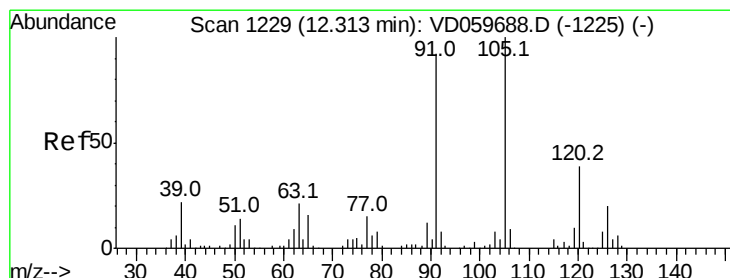
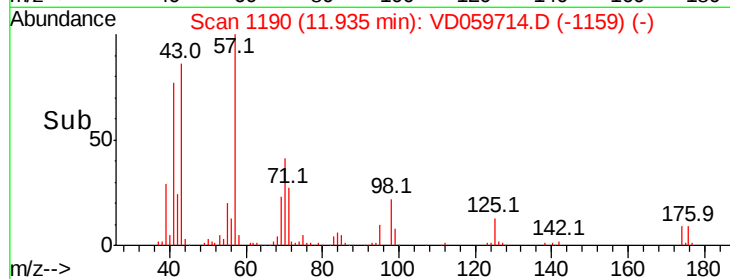
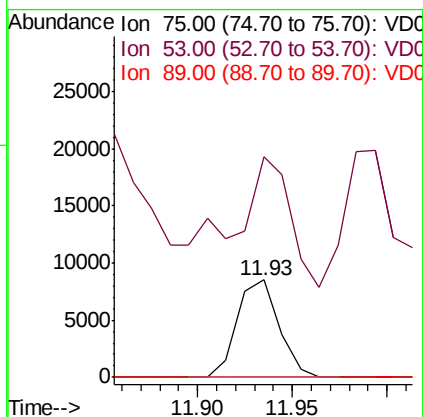
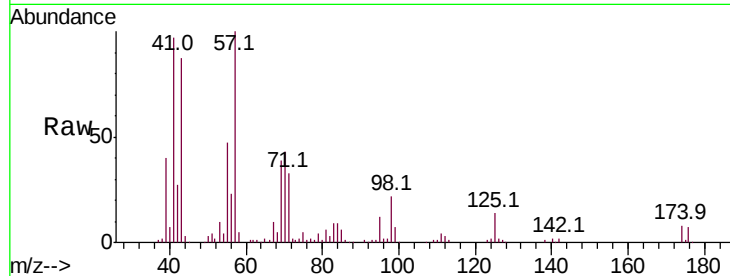
Tot Ion: 75 Resp: 12963

Ion Ratio Lower Upper

75 100

53 226.8 120.5 180.7#

89 0.0 44.4 66.6#



#82

4-Chlorotoluene

Concen: 9.050 ug/l

RT: 12.27 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VD059714.D

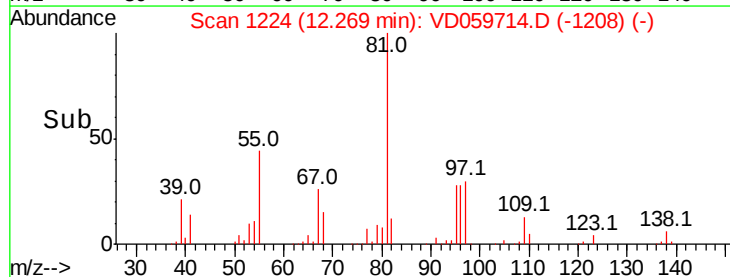
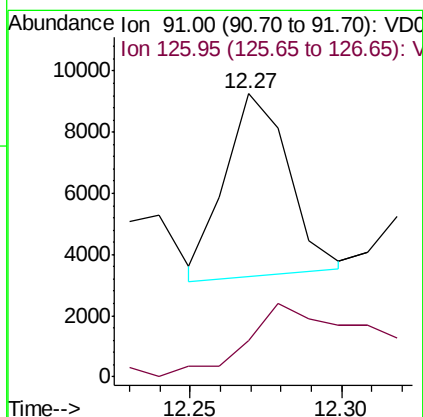
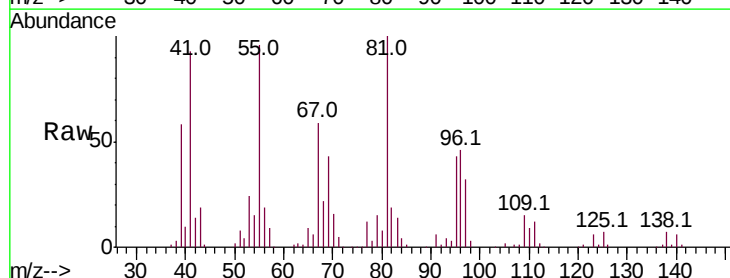
Acq: 8 Aug 2018 15:43

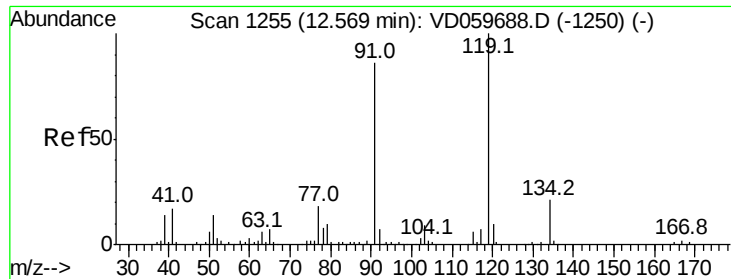
Tgt Ion: 91 Resp: 8815

Ion Ratio Lower Upper

91 100

126 12.8 10.7 31.9





#83

tert-Butylbenzene

Concen: 12.826 ug/l

RT: 12.58 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

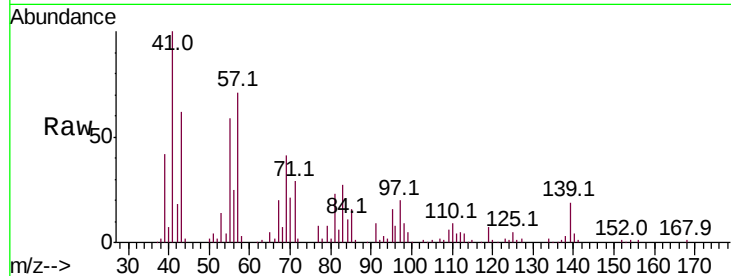
Tot Ion:119 Resp: 13294

Ion Ratio Lower Upper

119 100

91 126.9 43.3 129.9

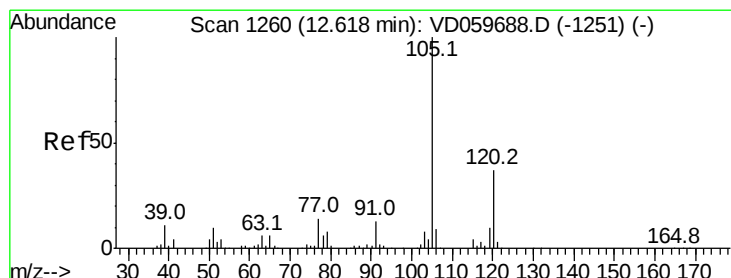
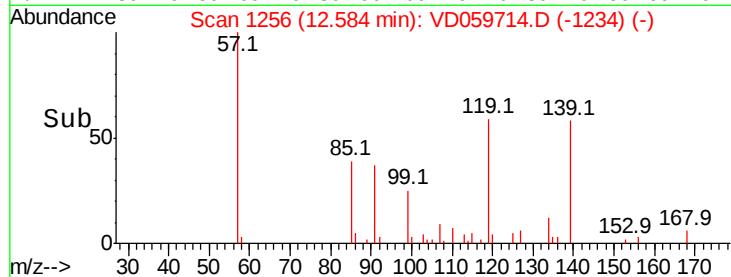
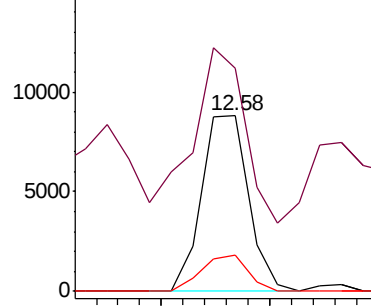
134 20.5 10.5 31.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.811 ug/l

RT: 12.63 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD059714.D

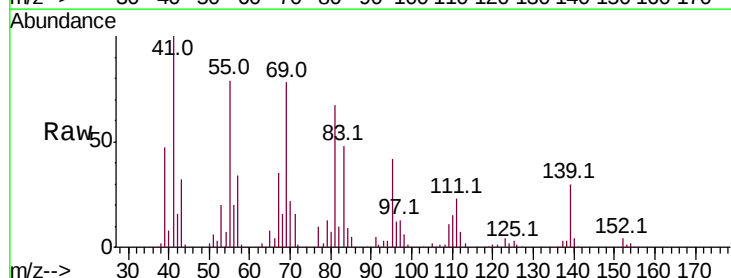
Acq: 8 Aug 2018 15:43

Tgt Ion:105 Resp: 4721

Ion Ratio Lower Upper

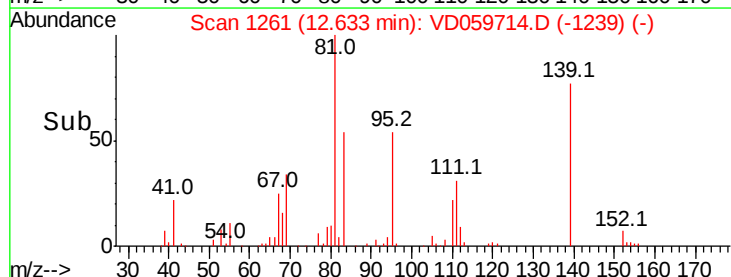
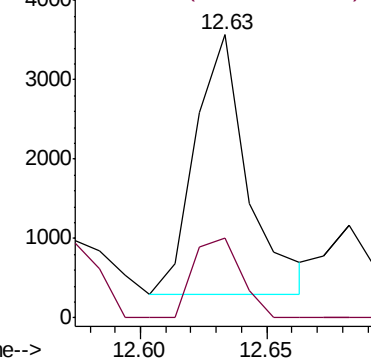
105 100

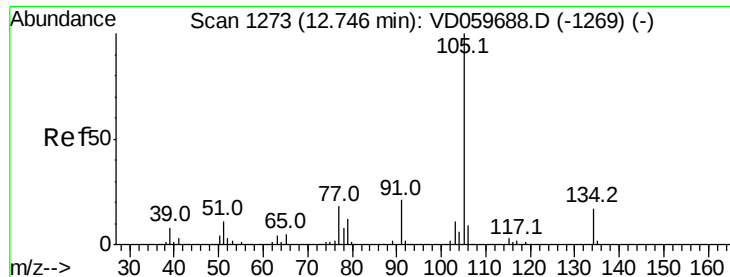
120 28.0 18.7 56.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

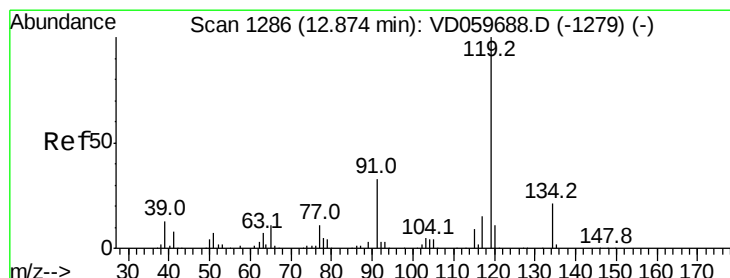
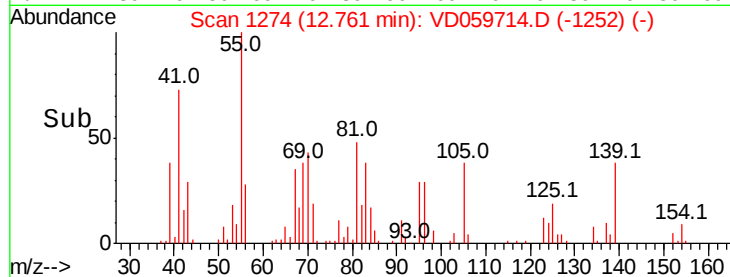
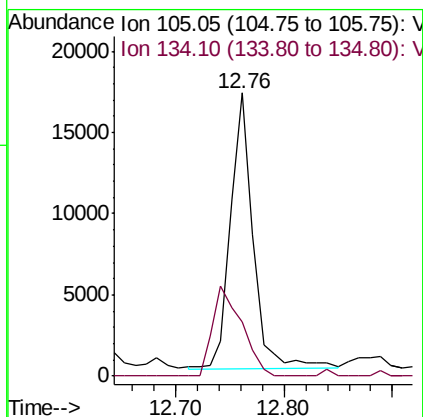
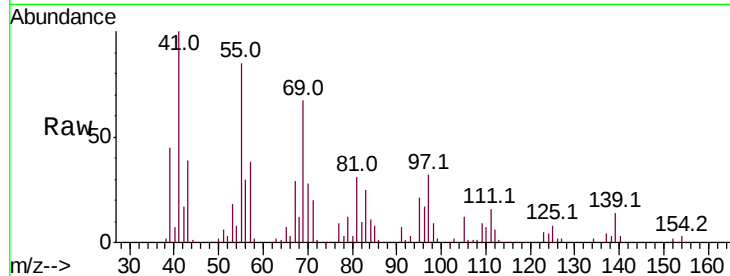




#85
 sec-Butylbenzene
 Concen: 21.658 ug/l
 RT: 12.76 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

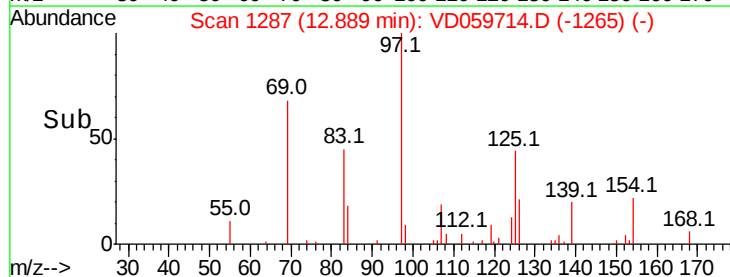
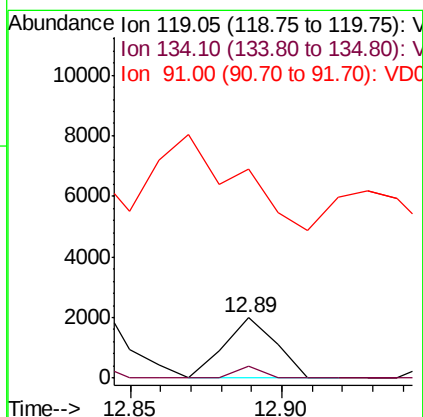
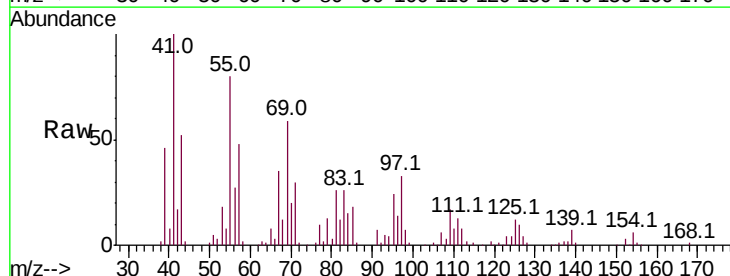
Instrument :
 MSVOA_D
 ClientSampled :
 TP-7RE

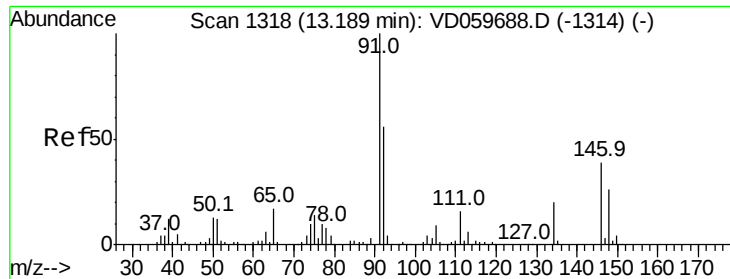
Tot Ion:105 Resp: 24929
 Ion Ratio Lower Upper
 105 100
 134 19.0 8.3 24.9



#86
 p-Isopropyltoluene
 Concen: 2.404 ug/l
 RT: 12.89 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion:119 Resp: 2360
 Ion Ratio Lower Upper
 119 100
 134 19.3 10.7 32.1
 91 345.1 16.6 49.7#





#89

n-Butylbenzene

Concen: 30.778 ug/l

RT: 13.20 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VD059714.D

Acq: 8 Aug 2018 15:43

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

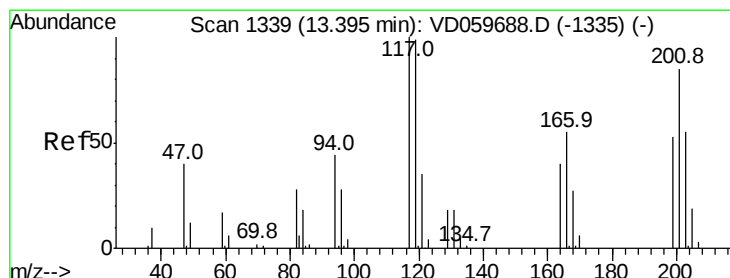
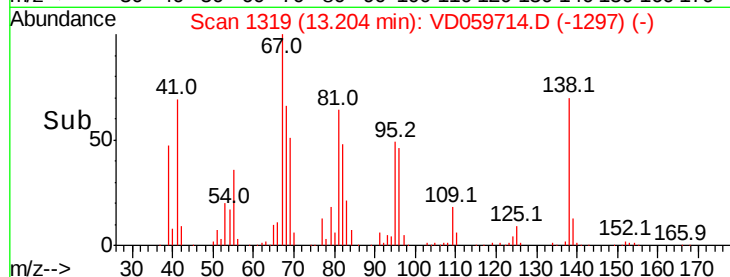
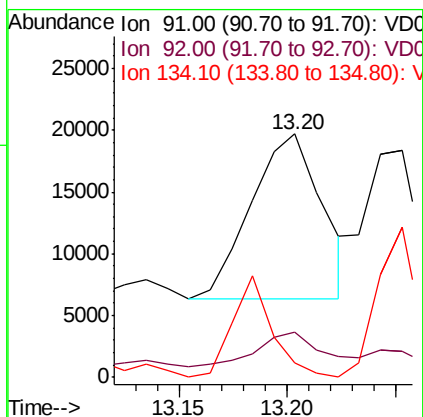
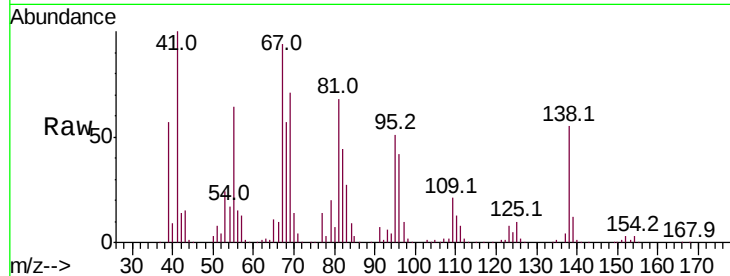
Tot Ion: 91 Resp: 30633

Ion Ratio Lower Upper

91 100

92 18.8 28.2 84.6#

134 6.2 9.8 29.5#



#90

Hexachloroethane

Concen: 11.104 ug/l

RT: 13.40 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VD059714.D

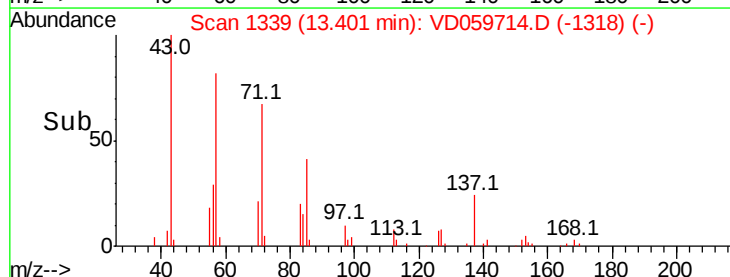
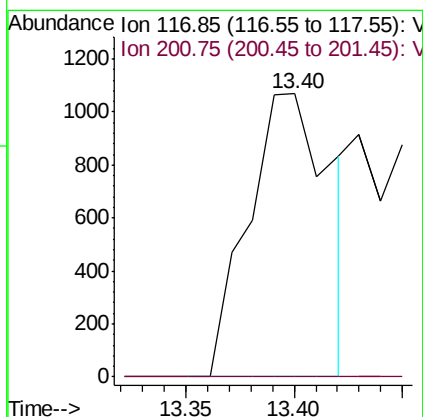
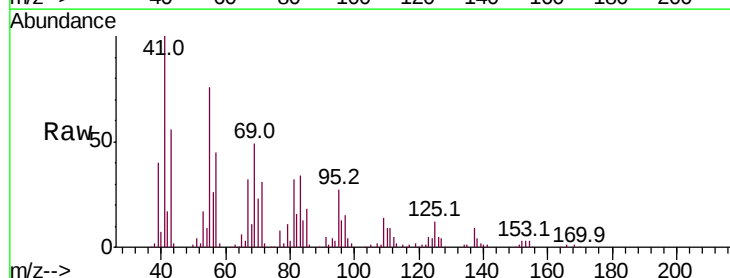
Acq: 8 Aug 2018 15:43

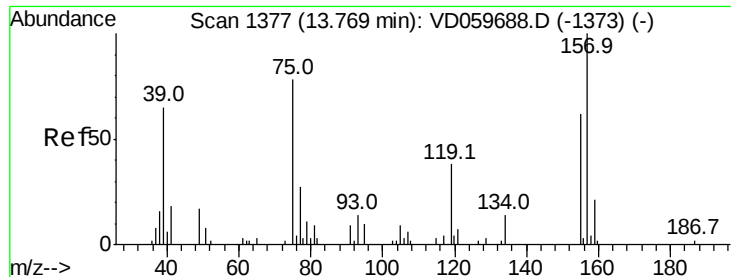
Tgt Ion: 117 Resp: 2825

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.1#

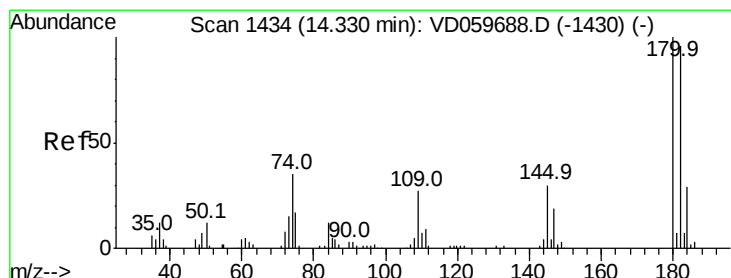
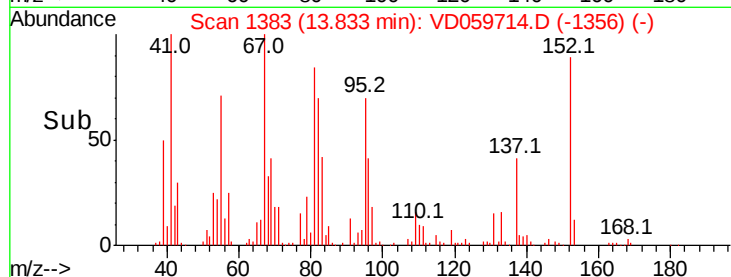
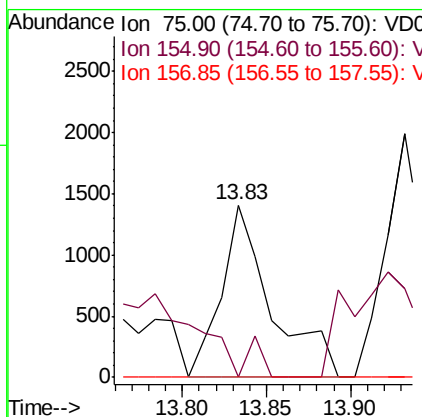
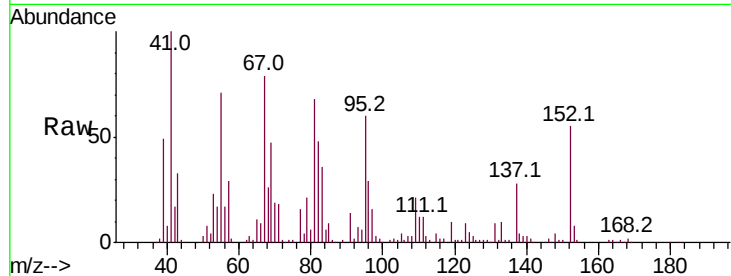




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.305 ug/l
 RT: 13.83 min Scan# 1383
 Delta R.T. 0.06 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

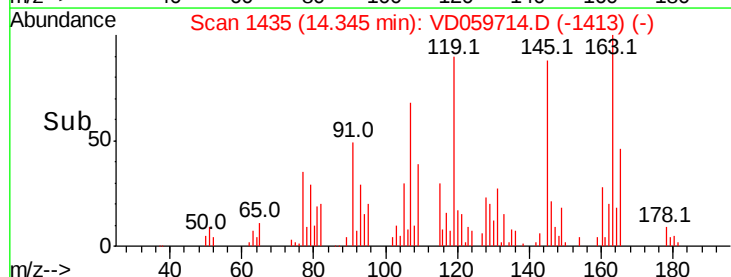
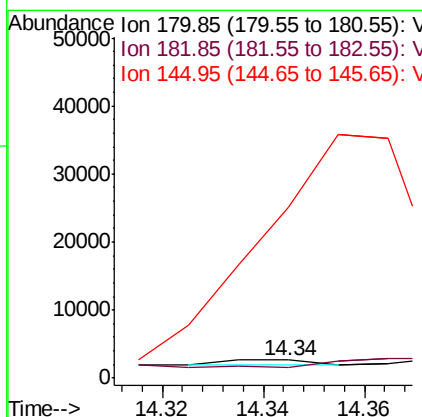
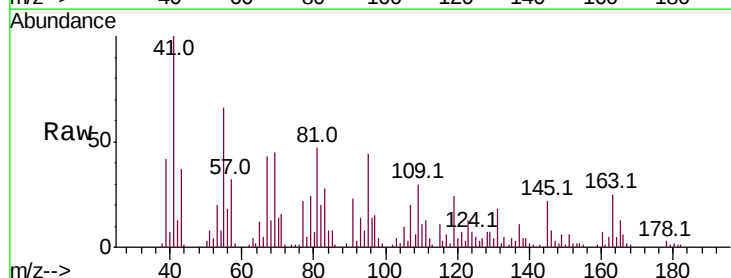
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-7RE

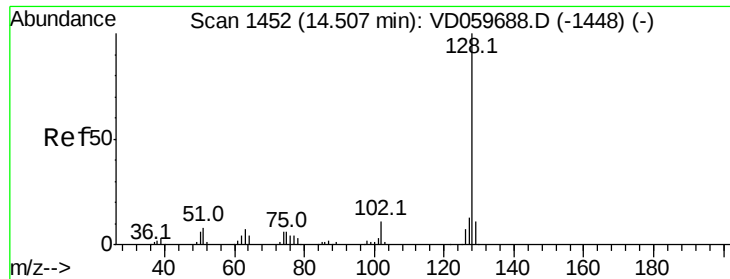
Tot Ion: 75 Resp: 2903
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.0 119.9#
 157 0.0 64.3 192.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.917 ug/l
 RT: 14.34 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VD059714.D
 Acq: 8 Aug 2018 15:43

Tgt Ion:180 Resp: 812
 Ion Ratio Lower Upper
 180 100
 182 60.4 48.0 144.0
 145 951.0 14.8 44.4#

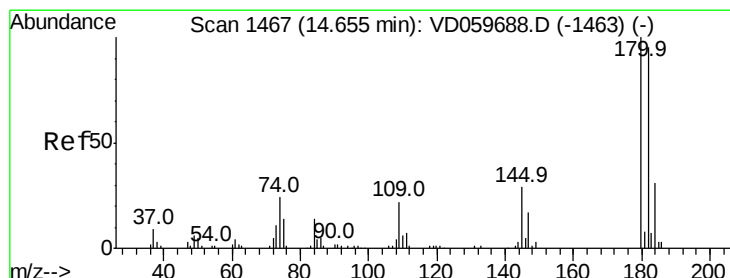
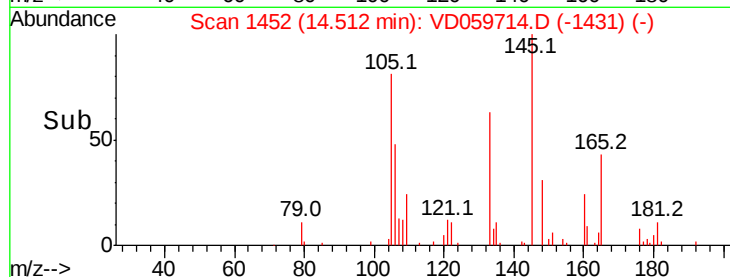
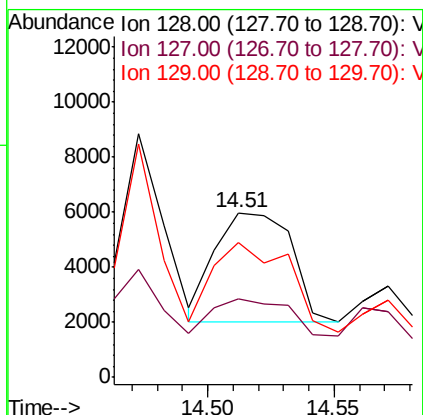
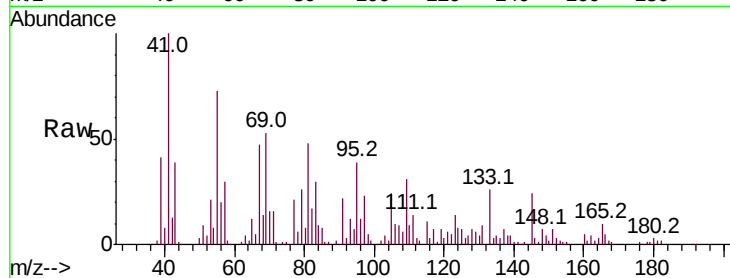




#95
Naphthalene
Concen: 13.172 ug/l
RT: 14.51 min Scan# 1452
Delta R.T. 0.01 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Instrument :
MSVOA_D
ClientSampleID :
TP-7RE

Tot Ion:128 Resp: 8265
Ion Ratio Lower Upper
128 100
127 47.8 10.6 16.0#
129 81.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 6.001 ug/l
RT: 14.77 min Scan# 1478
Delta R.T. 0.11 min
Lab File: VD059714.D
Acq: 8 Aug 2018 15:43

Tgt Ion:180 Resp: 2224
Ion Ratio Lower Upper
180 100
182 51.3 47.5 142.5
145 43.5 14.5 43.5

