

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059712.D
 Acq On : 8 Aug 2018 14:46
 Operator : VA/AP
 Sample : J4297-04RE
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Quant Time: Aug 08 15:06:44 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	196876	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	273707	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	146623	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.92	152	82917	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	111205	43.91	ug/l	0.03
Spiked Amount	50.000		Recovery	=	87.82%	
35) Dibromofluoromethane	5.55	113	99907	40.64	ug/l	0.03
Spiked Amount	50.000		Recovery	=	81.28%	
50) Toluene-d8	8.71	98	194884	36.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	72.84%	
62) 4-Bromofluorobenzene	11.93	95	207823	84.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.30%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.26	59	215	2.333	ug/l #	76
16) Acetone	2.61	43	69860	146.846	ug/l	97
17) Carbon Disulfide	2.76	76	4373	1.252	ug/l #	74
18) Methyl Acetate	2.95	43	4411	5.018	ug/l #	57
20) Methylene Chloride	3.08	84	2404	Below Cal		84
25) 2-Butanone	4.84	43	28648	45.848	ug/l	100
29) Tetrahydrofuran	4.84	42	2452	10.133	ug/l #	1
31) Cyclohexane	5.60	56	14404	3.460	ug/l #	78
36) 1,1-Dichloropropene	5.64	75	16635	5.467	ug/l #	53
37) Ethyl Acetate	4.84	43	28648	19.390	ug/l #	72
38) Carbon Tetrachloride	5.64	117	18903	4.642	ug/l #	13
39) Methylcyclohexane	7.29	83	67270	26.158	ug/l	97
43) Isopropyl Acetate	7.66	43	6794	3.518	ug/l #	46
51) 4-Methyl-2-Pentanone	8.60	43	2725	1.935	ug/l	94
55) 1,1,2-Trichloroethane	9.52	97	6412	4.435	ug/l #	45
56) Ethyl methacrylate	9.37	69	41664	26.116	ug/l #	1
59) 2-Hexanone	9.76	43	613517	580.130	ug/l #	39
65) Chlorobenzene	10.66	112	3762	1.218	ug/l #	42
67) Ethyl Benzene	10.90	91	9095	1.634	ug/l #	49
68) m/p-Xylenes	11.02	106	3565	2.003	ug/l #	1
69) o-Xylene	11.42	106	3186	1.841	ug/l #	1
73) Isopropylbenzene	11.79	105	28840	5.175	ug/l	97
74) N-amyl acetate	11.63	43	1727259	968.874	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.12	83	573841	513.189	ug/l #	38
76) 1,2,3-Trichloropropane	12.11	75	1716	1.339	ug/l #	1
78) n-propylbenzene	12.17	91	26547	3.844	ug/l	88
79) 2-Chlorotoluene	12.29	91	26528	6.361	ug/l	88
80) 1,3,5-Trimethylbenzene	12.28	105	22275	4.799	ug/l	76
81) trans-1,4-Dichloro-2-buten	11.80	75	1501	4.798	ug/l #	1
82) 4-Chlorotoluene	12.29	91	26310	5.389	ug/l	99
83) tert-Butylbenzene	12.60	119	21267	4.093	ug/l #	1
85) sec-Butylbenzene	12.78	105	89861	15.575	ug/l	88
89) n-Butylbenzene	13.22	91	160723	32.216	ug/l	79
90) Hexachloroethane	13.50	117	201281	157.837	ug/l #	7

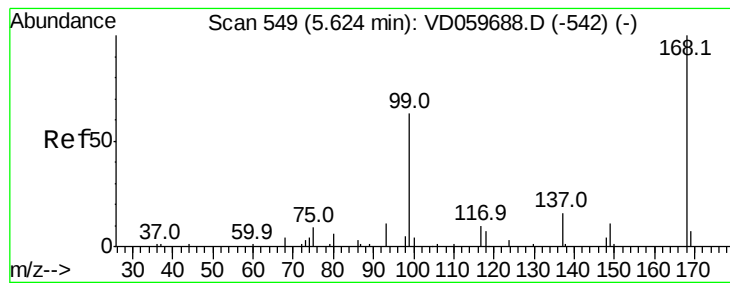
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
Data File : VD059712.D
Acq On : 8 Aug 2018 14:46
Operator : VA/AP
Sample : J4297-04RE
Misc : 5.52g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Quant Time: Aug 08 15:06:44 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)
92) 1,2-Dibromo-3-Chloropropan	13.76	75	7912	33.877	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

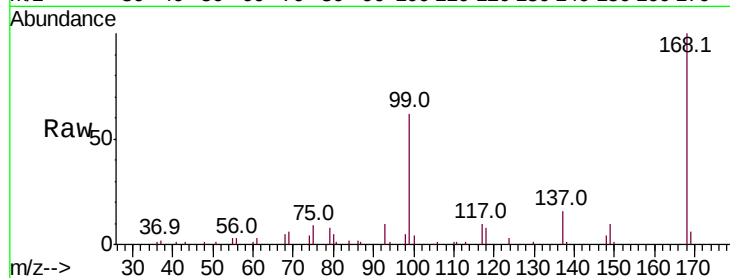
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion:168 Resp: 196876

Ion Ratio Lower Upper

168 100

99 62.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

60000

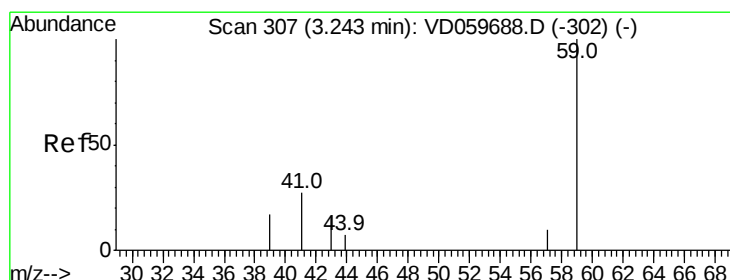
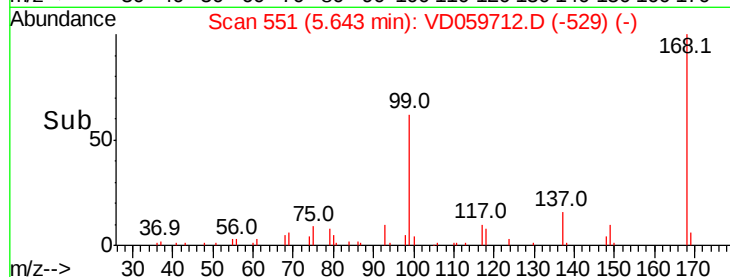
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 2.333 ug/l

RT: 3.26 min Scan# 309

Delta R.T. 0.02 min

Lab File: VD059712.D

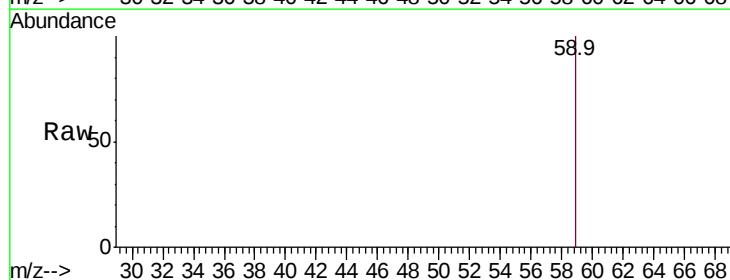
Acq: 8 Aug 2018 14:46

Tgt Ion: 59 Resp: 215

Ion Ratio Lower Upper

59 100

57 0.0 6.8 10.2#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.26

400

300

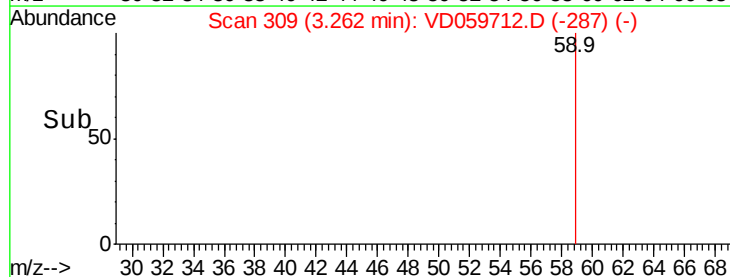
200

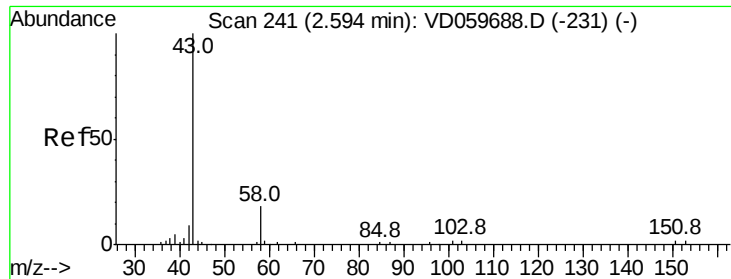
100

0

3.24 3.26 3.28

Time-->





#16

Acetone

Concen: 146.846 ug/l

RT: 2.61 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

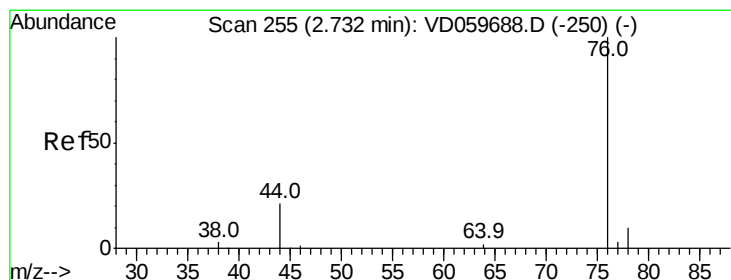
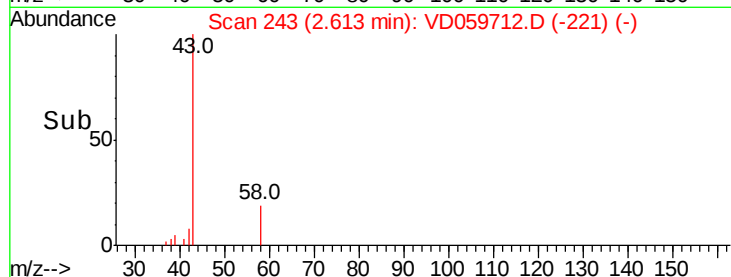
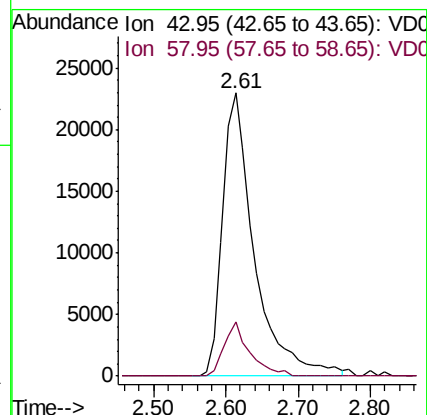
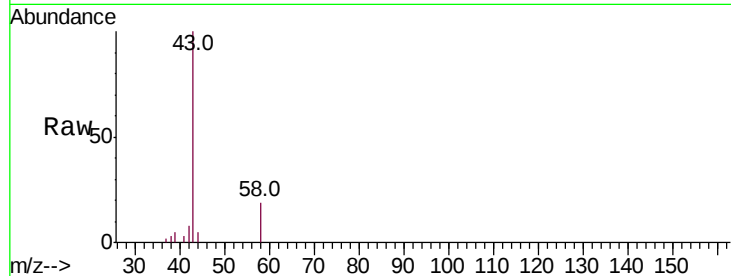
TP-4RE

Tot Ion: 43 Resp: 69860

Ion Ratio Lower Upper

43 100

58 19.1 14.2 21.2



#17

Carbon Disulfide

Concen: 1.252 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.03 min

Lab File: VD059712.D

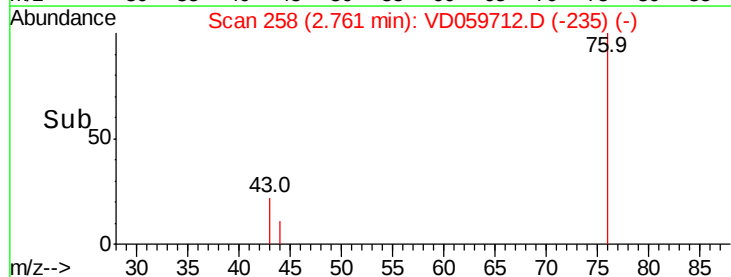
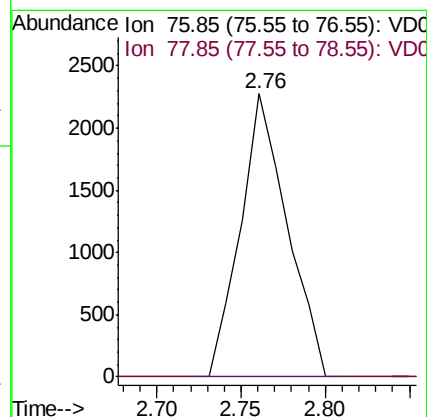
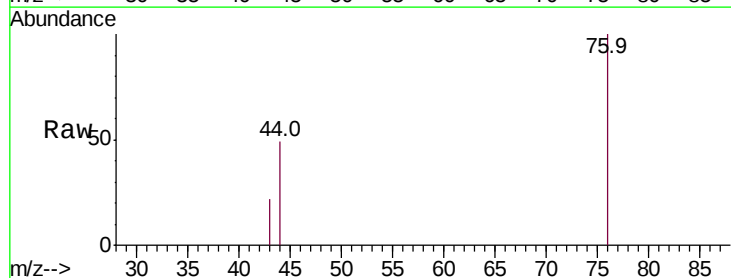
Acq: 8 Aug 2018 14:46

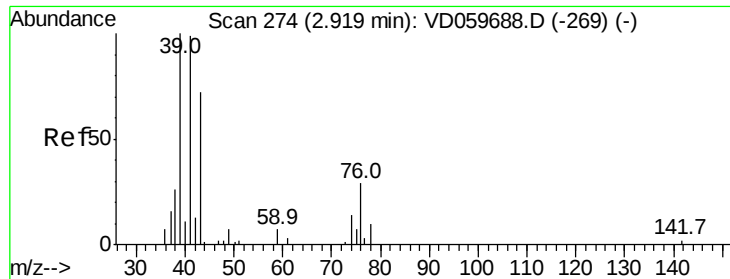
Tgt Ion: 76 Resp: 4373

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#

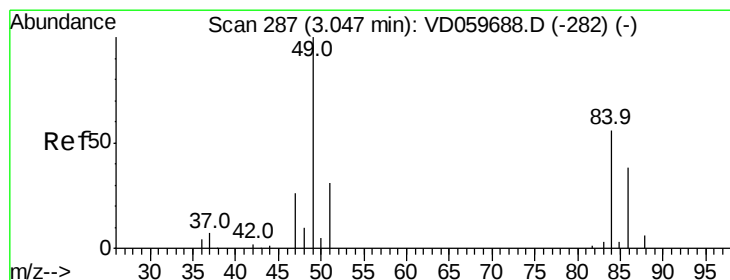
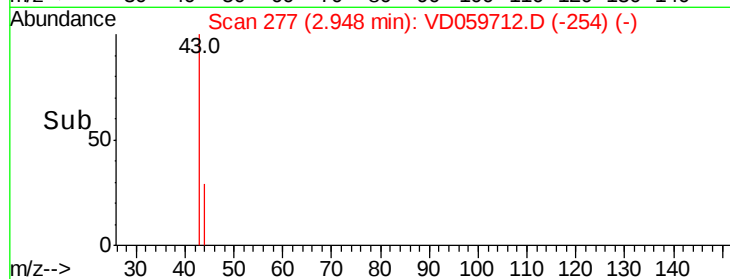
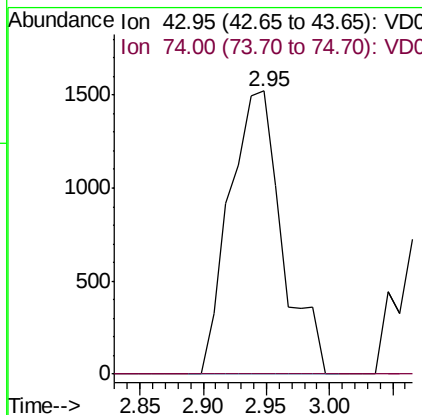
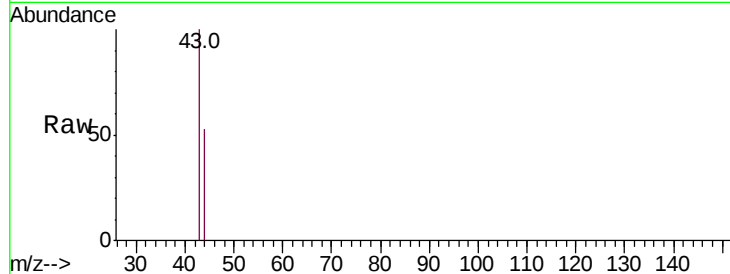




#18
Methyl Acetate
Concen: 5.018 ug/l
RT: 2.95 min Scan# 277
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

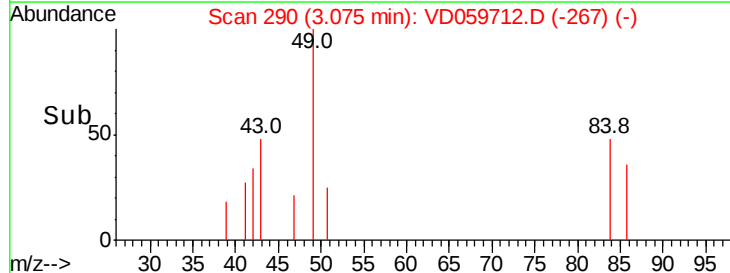
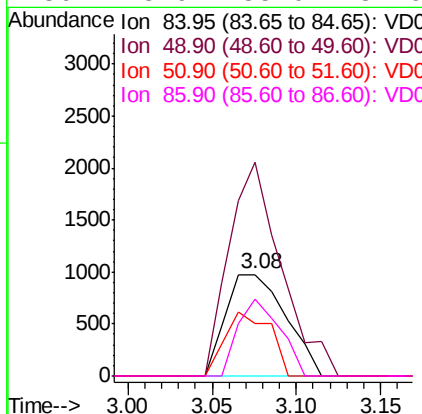
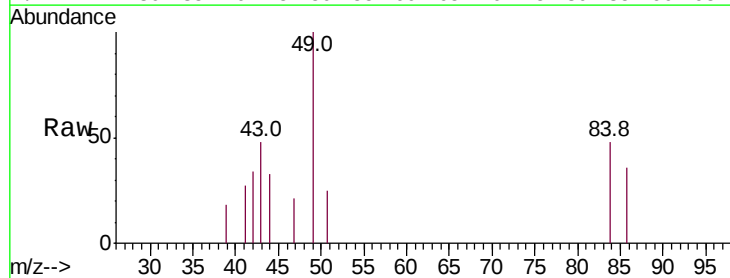
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

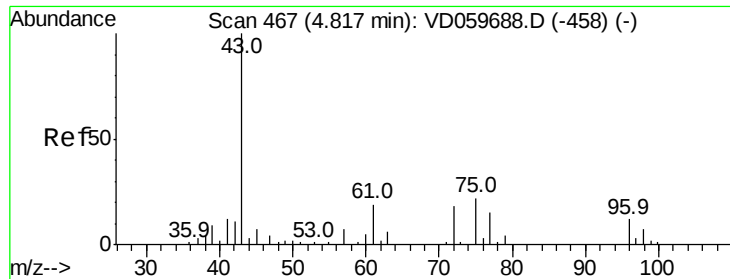
Tot Ion: 43 Resp: 4411
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.08 min Scan# 290
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion: 84 Resp: 2404
Ion Ratio Lower Upper
84 100
49 210.2 143.4 215.2
51 51.9 44.2 66.4
86 75.9 55.0 82.6





#25

2-Butanone

Concen: 45.848 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.02 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleID :

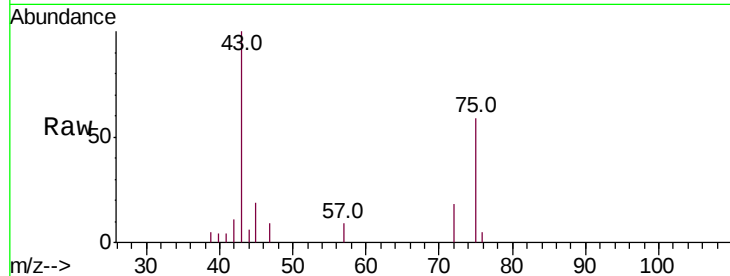
TP-4RE

Tot Ion: 43 Resp: 28648

Ion Ratio Lower Upper

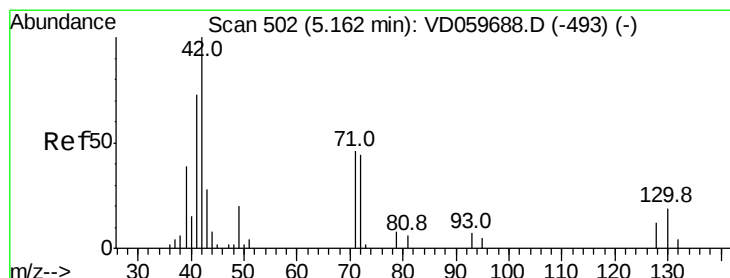
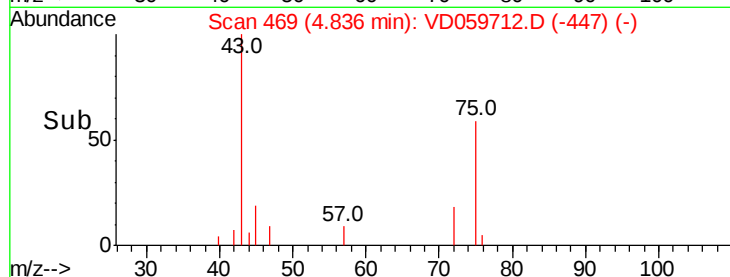
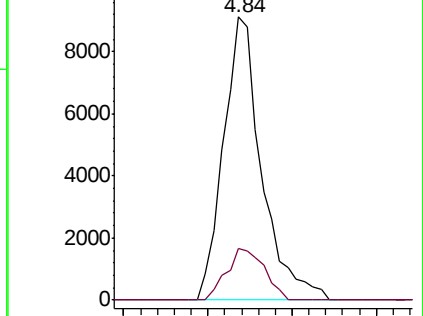
43 100

72 18.2 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: 10.133 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.33 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

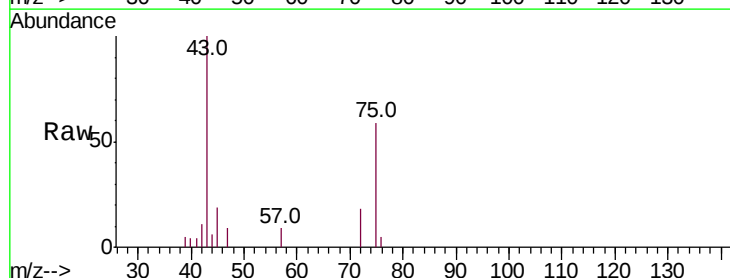
Tgt Ion: 42 Resp: 2452

Ion Ratio Lower Upper

42 100

72 210.8 36.7 55.1#

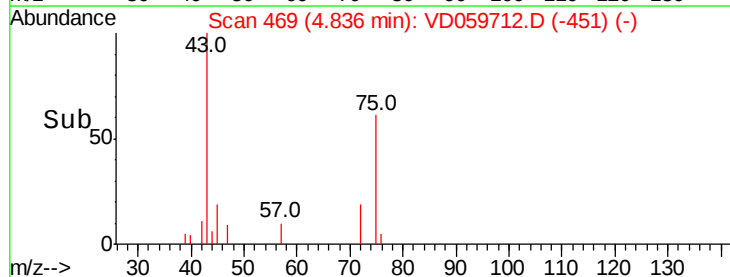
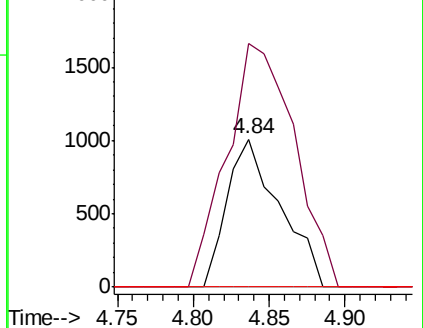
71 0.0 36.3 54.5#

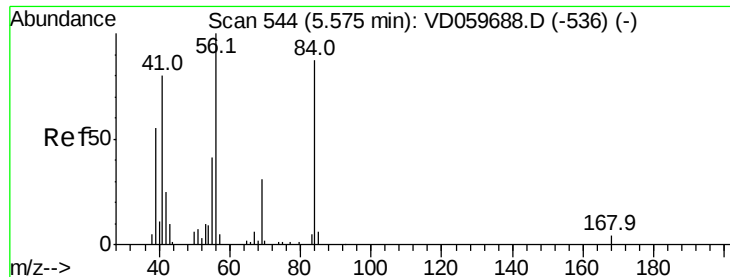


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

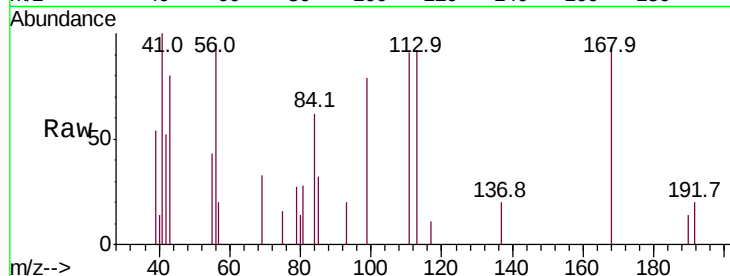




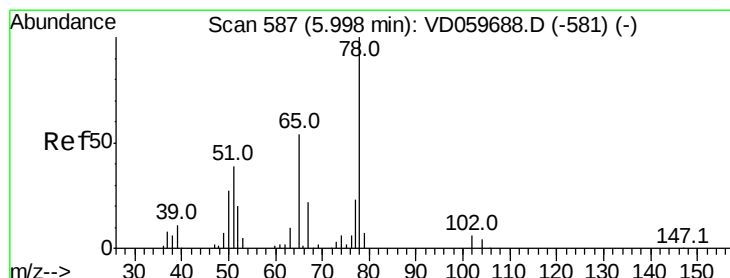
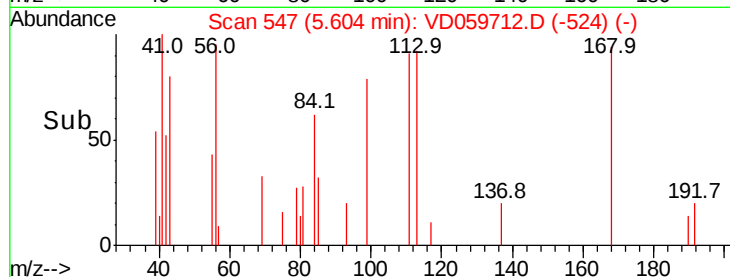
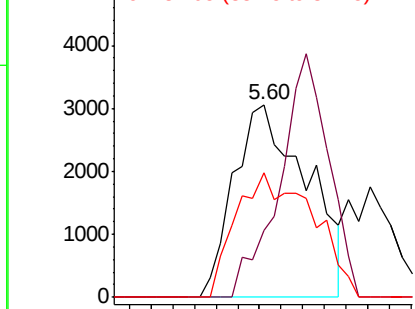
#31
Cvclohexane
Concen: 3.460 ug/l
RT: 5.60 min Scan# 547
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion: 56 Resp: 14404
Ion Ratio Lower Upper
56 100
69 35.1 24.7 37.1
84 64.6 72.2 108.2#

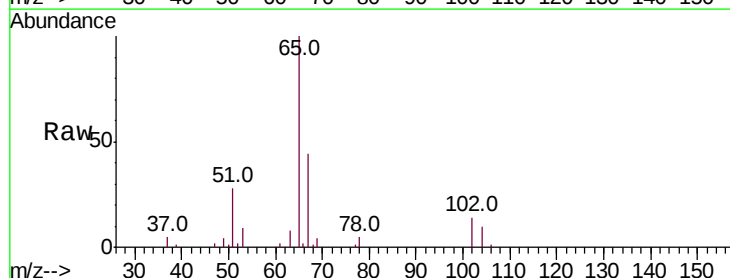


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

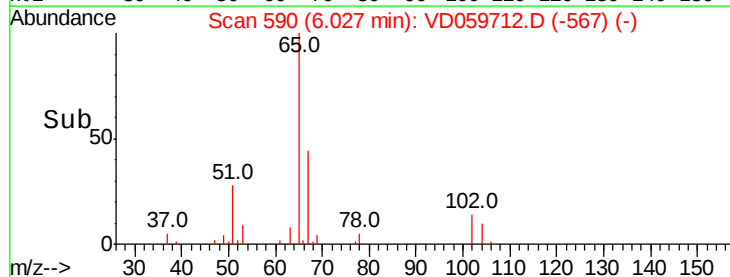
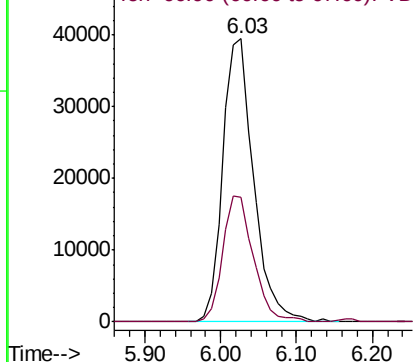


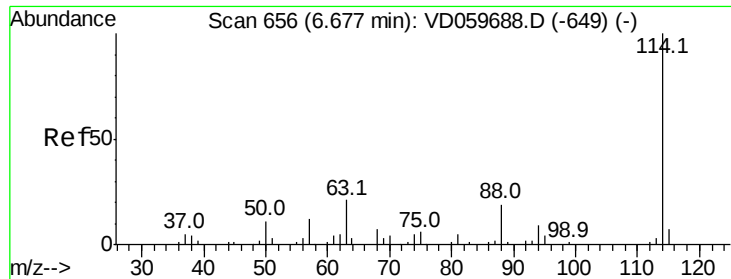
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion: 65 Resp: 111205
Ion Ratio Lower Upper
65 100
67 44.2 0.0 80.4



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

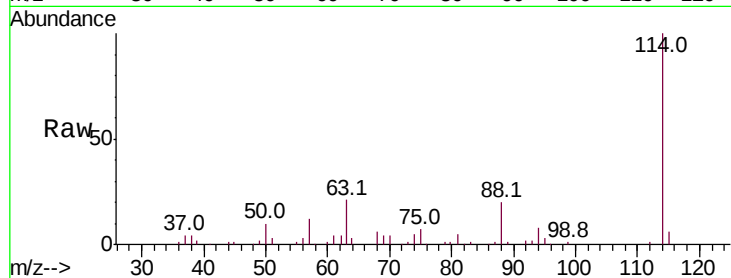




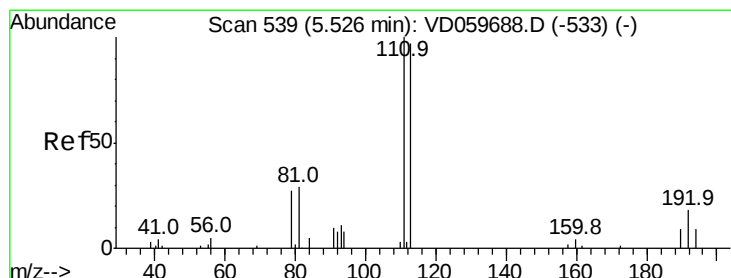
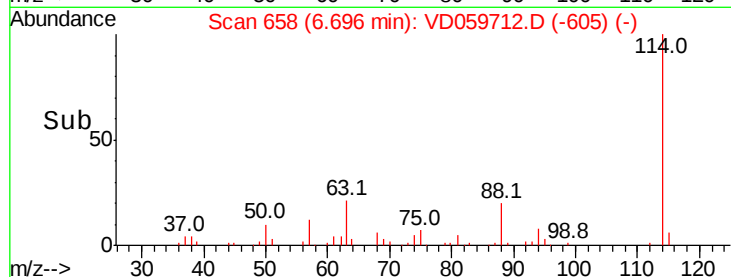
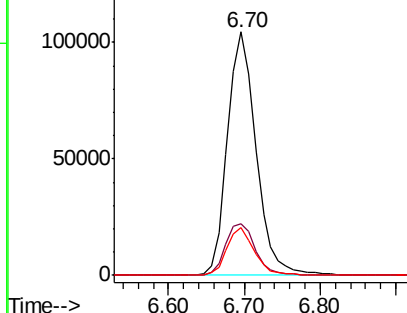
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4RE

Tot Ion:114 Resp: 273707
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 19.7 0.0 38.8

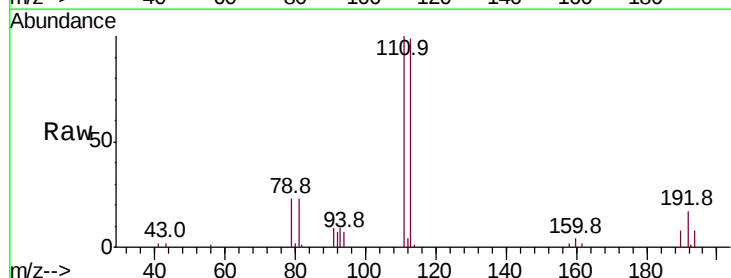


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

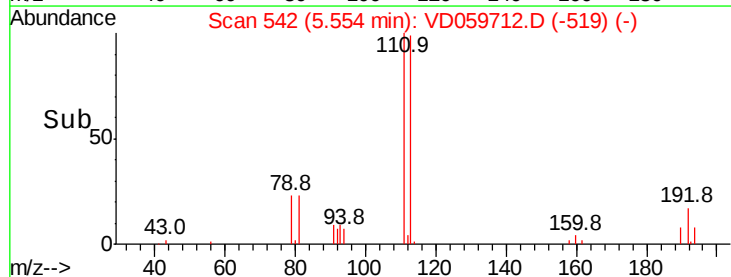
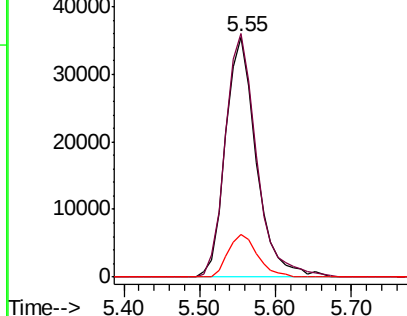


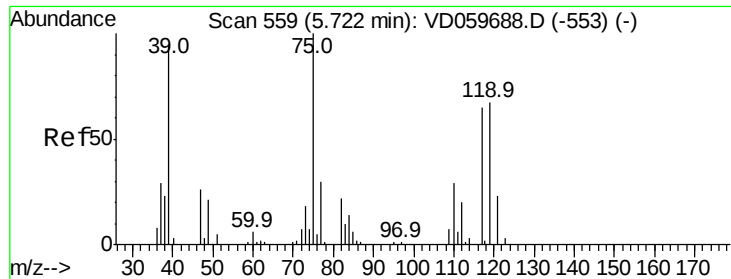
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 542
 Delta R.T. 0.03 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

Tgt Ion:113 Resp: 99907
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 17.7 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

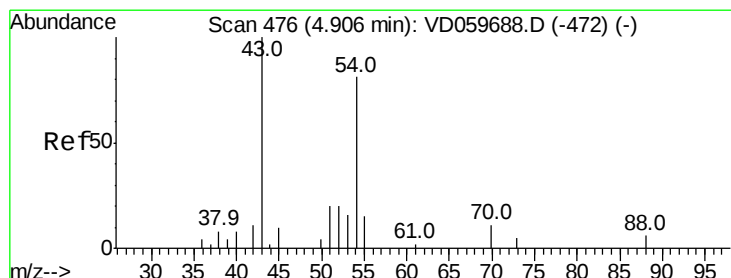
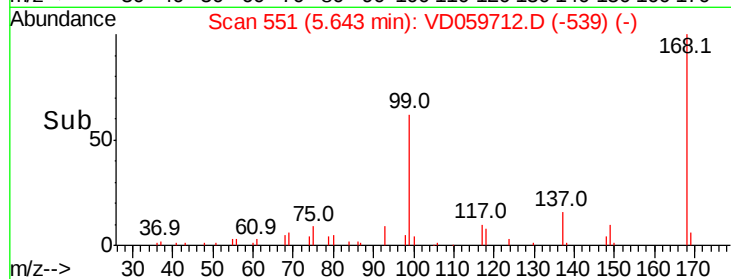
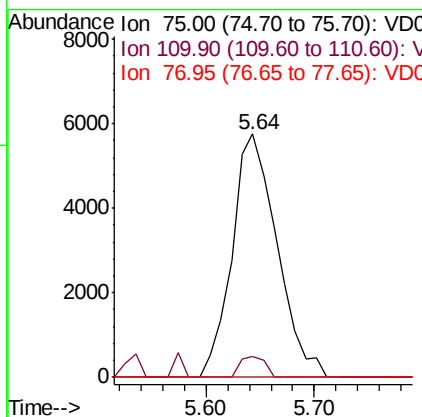
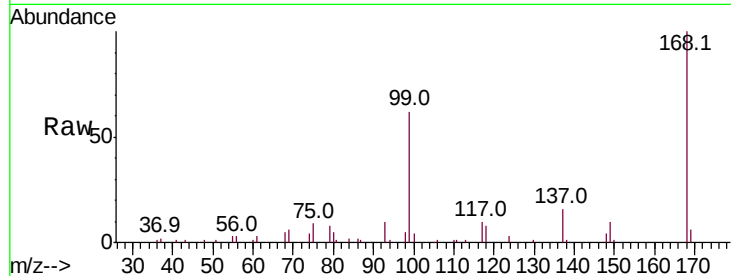




#36
 1,1-Dichloropropene
 Concen: 5.467 ug/l
 RT: 5.64 min Scan# 551
 Delta R.T. -0.08 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

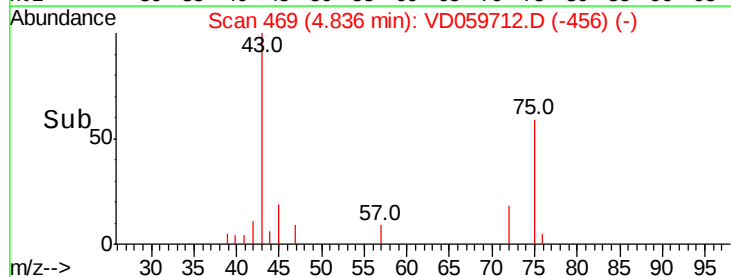
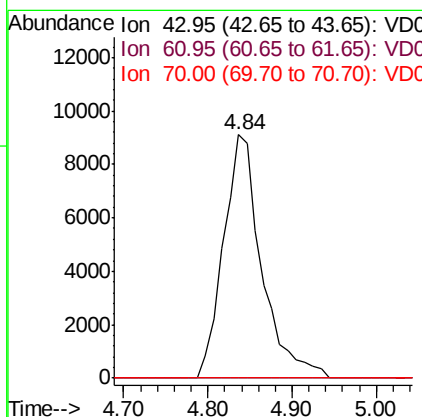
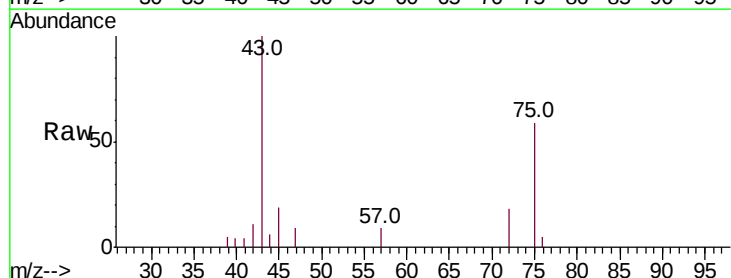
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

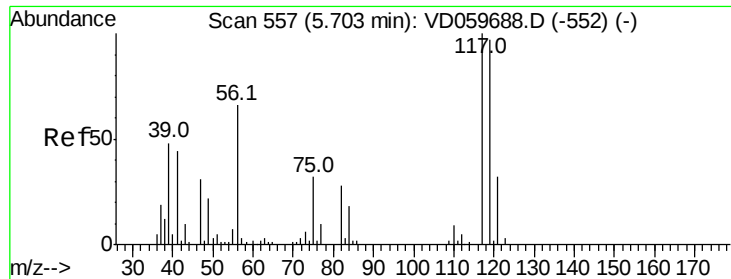
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	14.1	42.3#
77	0.0	23.9	35.9#



#37
 Ethyl Acetate
 Concen: 19.390 ug/l
 RT: 4.84 min Scan# 469
 Delta R.T. -0.07 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	5.4	8.2#





#38

Carbon Tetrachloride

Concen: 4.642 ug/l

RT: 5.64 min Scan# 551

Delta R.T. -0.06 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

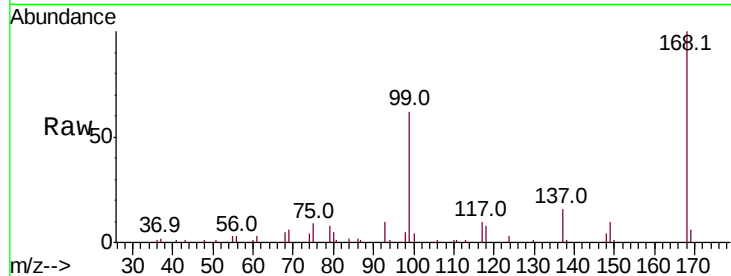
Tot Ion:117 Resp: 18903

Ion Ratio Lower Upper

117 100

119 0.0 75.3 112.9#

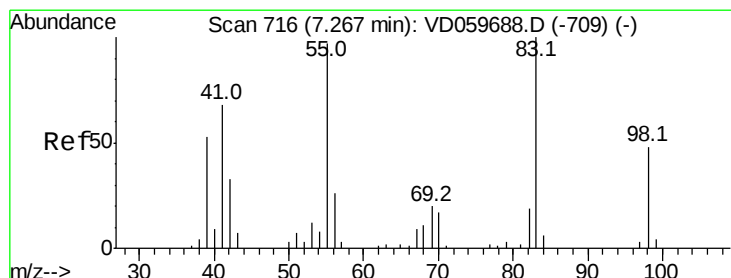
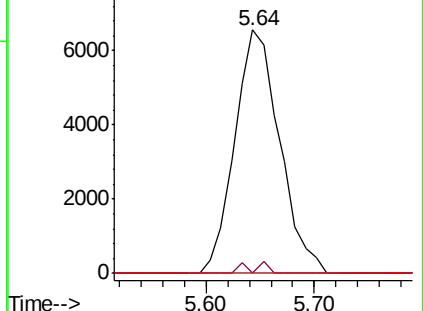
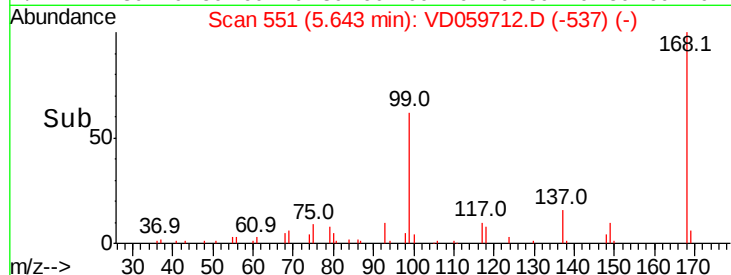
121 0.0 24.4 36.6#



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: 26.158 ug/l

RT: 7.29 min Scan# 718

Delta R.T. 0.02 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

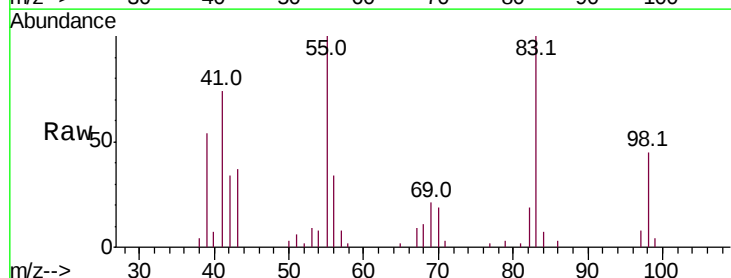
Tgt Ion: 83 Resp: 67270

Ion Ratio Lower Upper

83 100

55 99.5 77.7 116.5

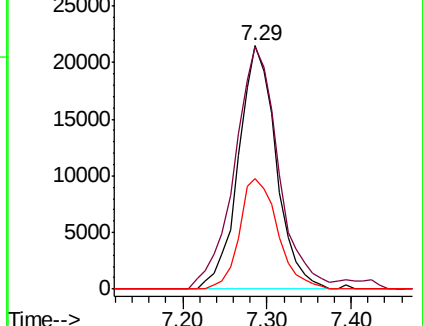
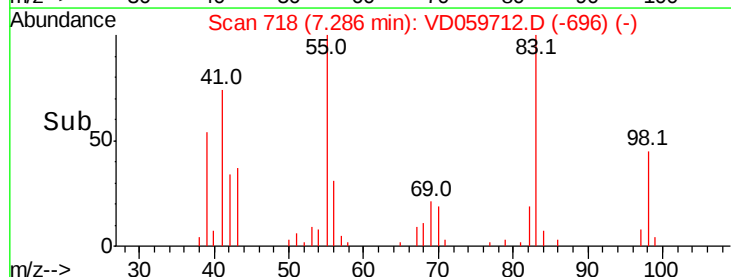
98 45.4 38.7 58.1

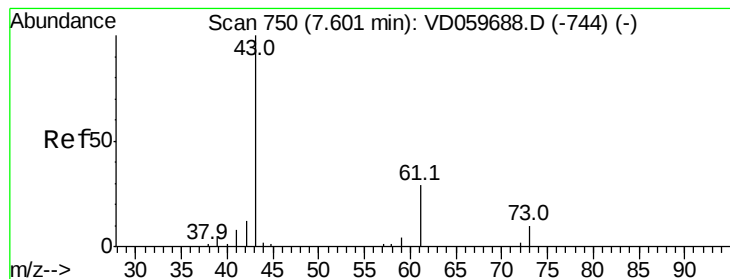


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#43

Isopropyl Acetate

Concen: 3.518 ug/l

RT: 7.66 min Scan# 756

Delta R.T. 0.06 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

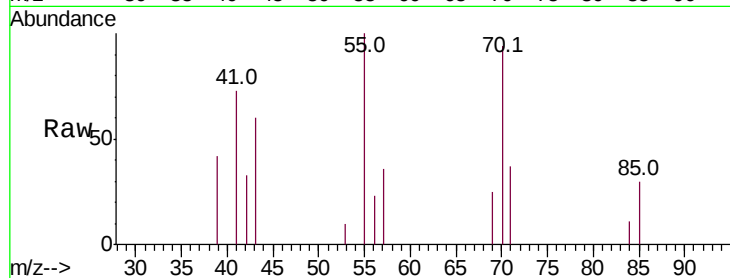
Tot Ion: 43 Resp: 6794

Ion Ratio Lower Upper

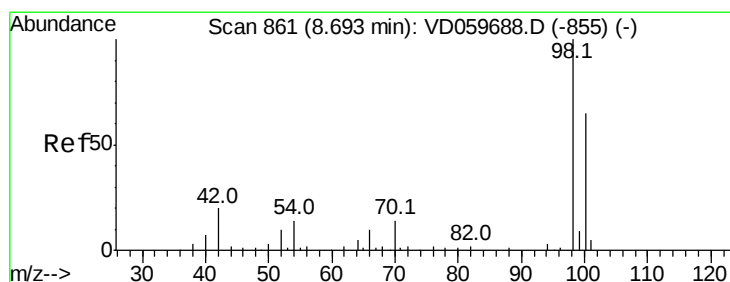
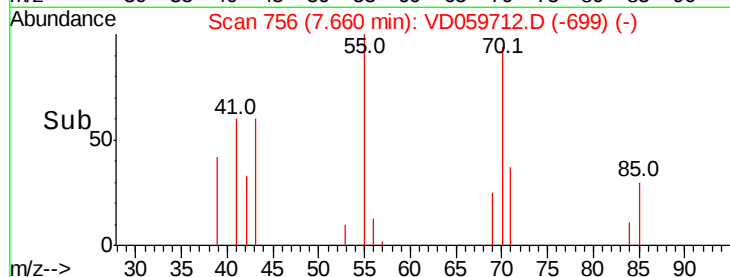
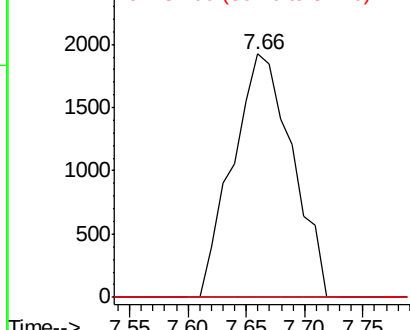
43 100

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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 863

Delta R.T. 0.02 min

Lab File: VD059712.D

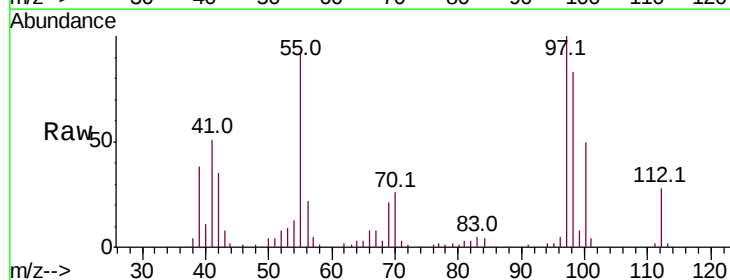
Acq: 8 Aug 2018 14:46

Tgt Ion: 98 Resp: 194884

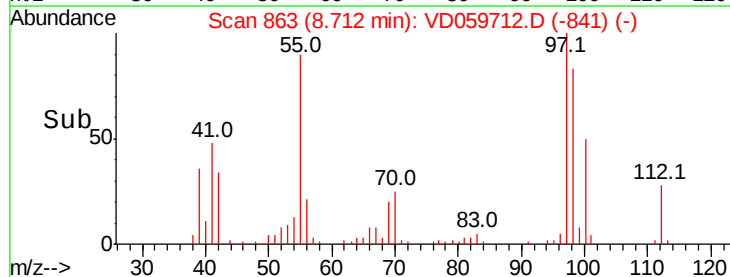
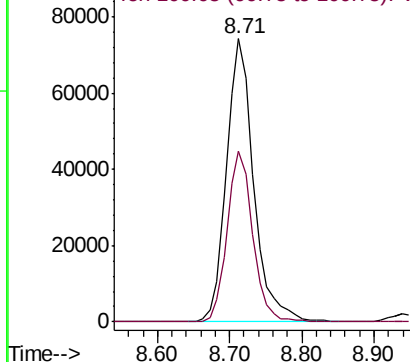
Ion Ratio Lower Upper

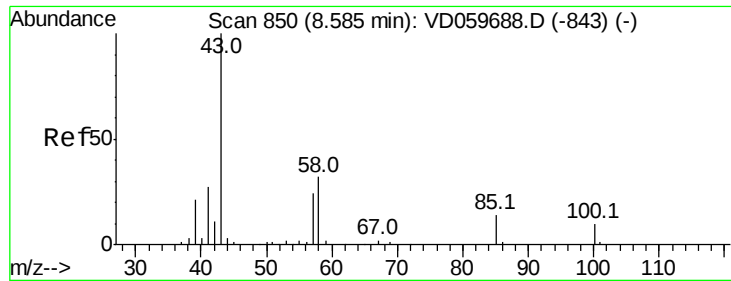
98 100

100 60.5 52.5 78.7



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 1.935 ug/l

RT: 8.60 min Scan# 852

Delta R.T. 0.02 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleID :

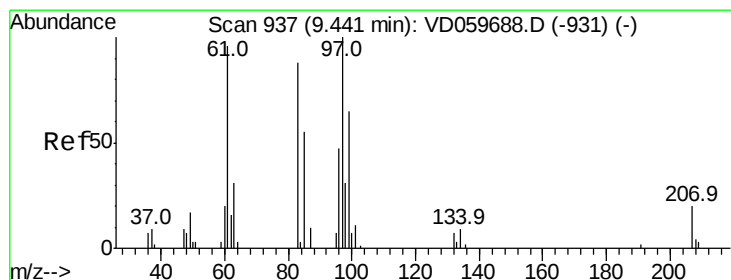
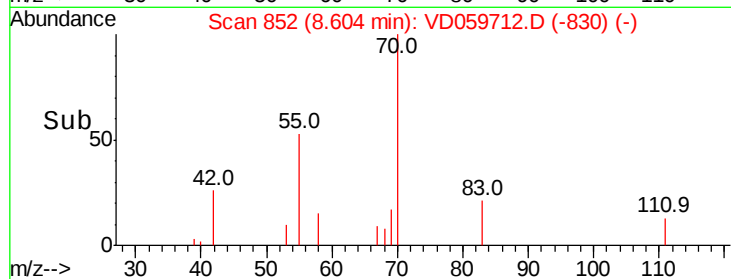
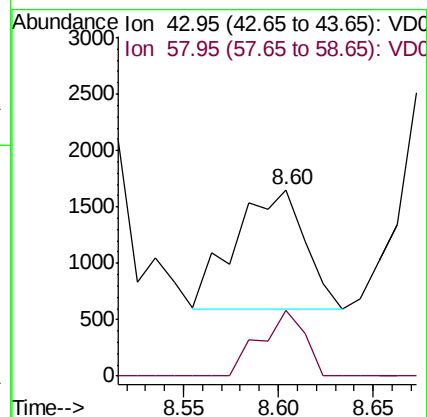
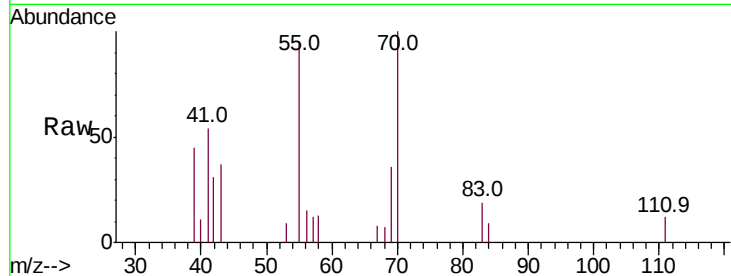
TP-4RE

Tot Ion: 43 Resp: 2725

Ion Ratio Lower Upper

43 100

58 35.5 25.7 38.5



#55

1,1,2-Trichloroethane

Concen: 4.435 ug/l

RT: 9.52 min Scan# 945

Delta R.T. 0.08 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Tgt Ion: 97 Resp: 6412

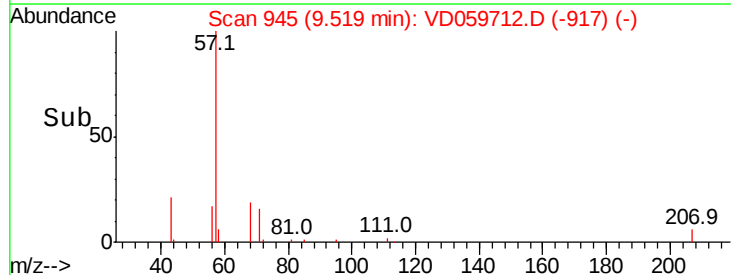
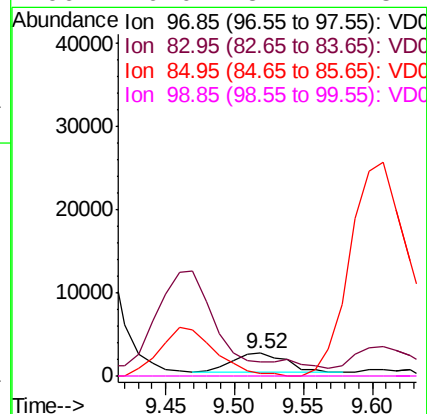
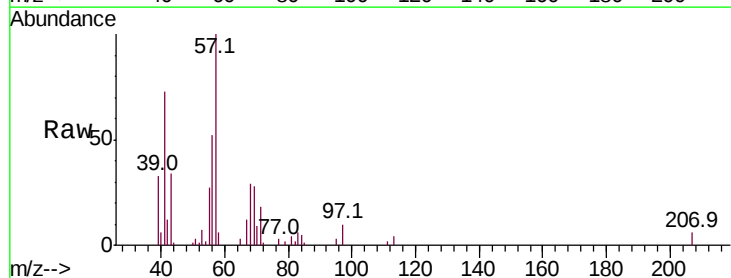
Ion Ratio Lower Upper

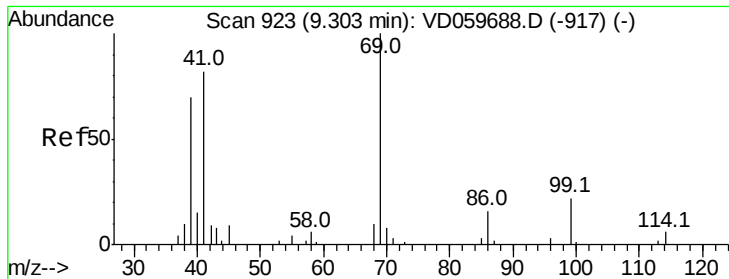
97 100

83 59.0 70.8 106.2#

85 12.8 44.1 66.1#

99 0.0 52.2 78.4#





#56

Ethyl methacrylate

Concen: 26.116 ug/l

RT: 9.37 min Scan# 930

Delta R.T. 0.07 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

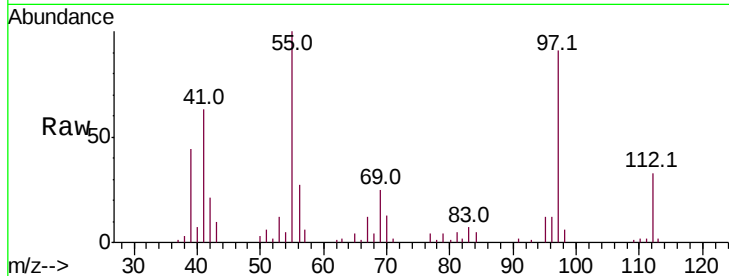
Tot Ion: 69 Resp: 41664

Ion Ratio Lower Upper

69 100

41 255.4 65.7 98.5#

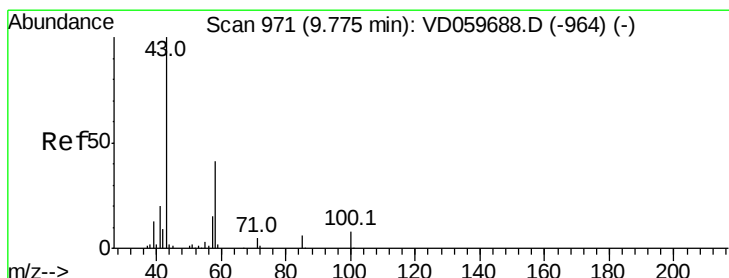
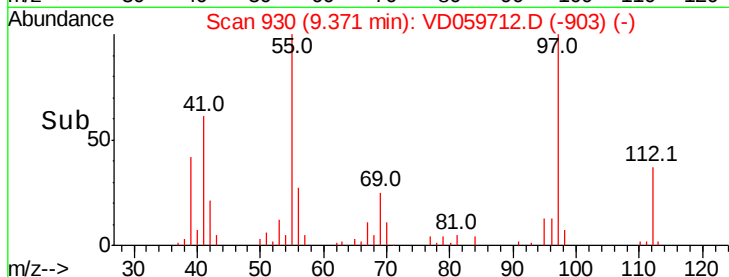
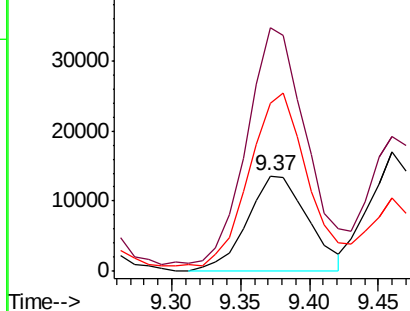
39 176.2 55.8 83.8#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#59

2-Hexanone

Concen: 580.130 ug/l

RT: 9.76 min Scan# 969

Delta R.T. -0.02 min

Lab File: VD059712.D

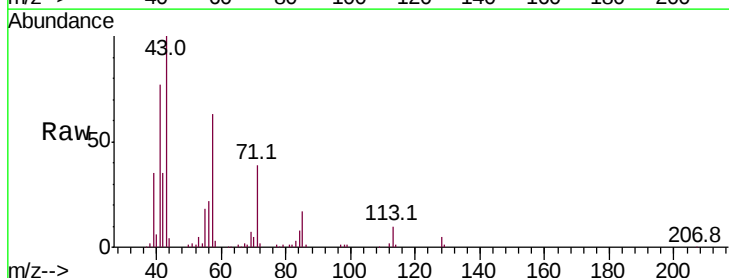
Acq: 8 Aug 2018 14:46

Tgt Ion: 43 Resp: 613517

Ion Ratio Lower Upper

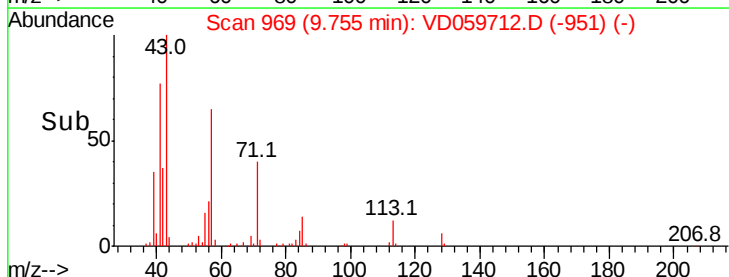
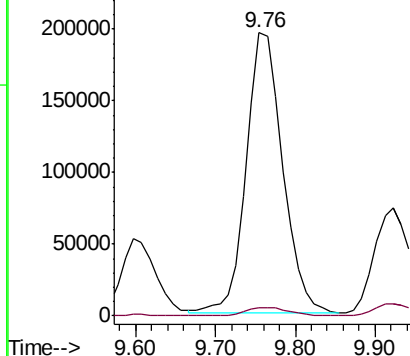
43 100

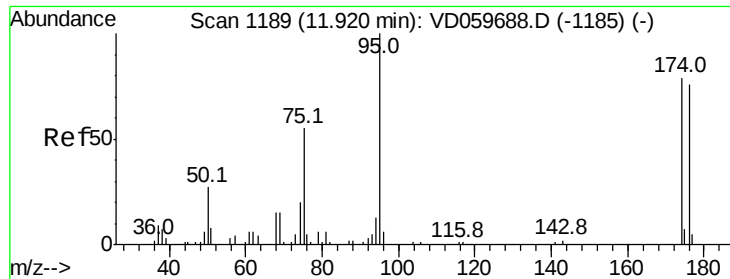
58 3.0 20.4 61.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

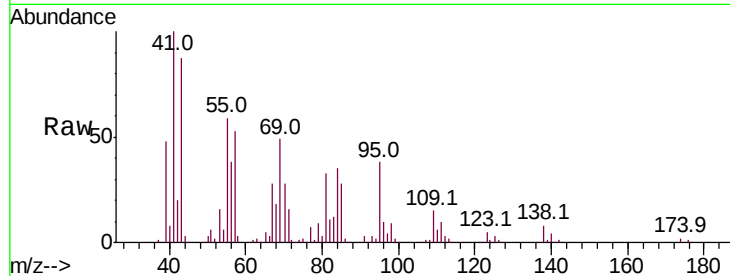




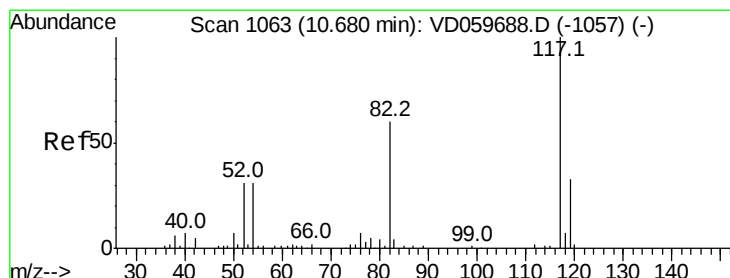
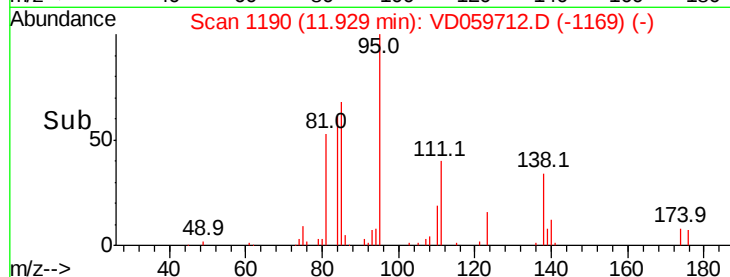
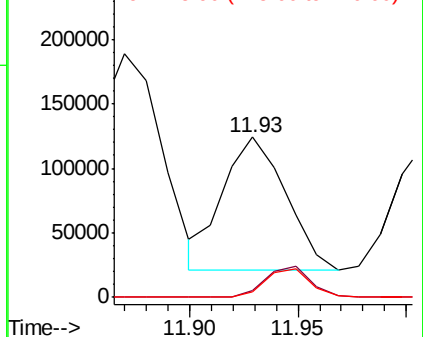
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

Tot Ion: 95 Resp: 207823
Ion Ratio Lower Upper
95 100
174 4.0 0.0 158.4
176 3.4 0.0 153.0

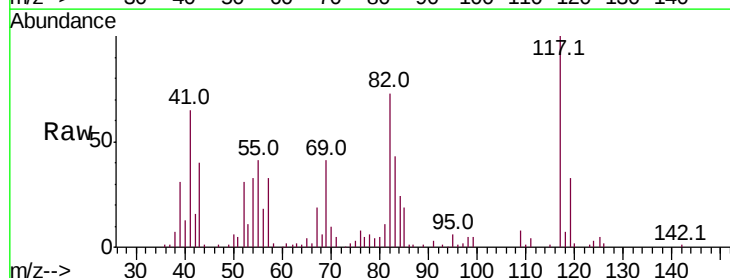


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

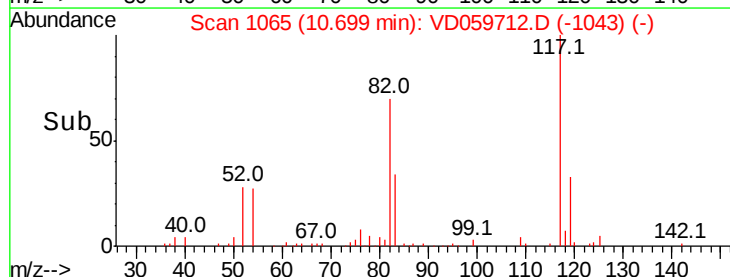
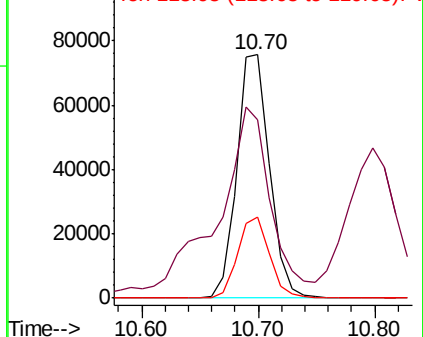


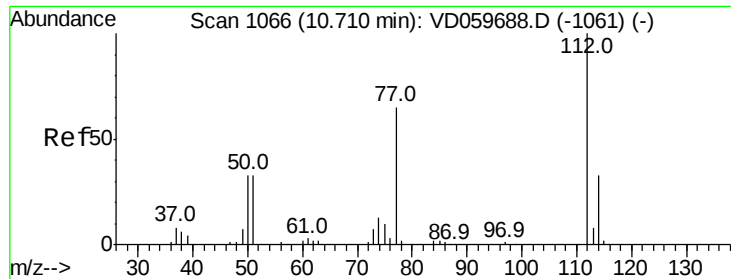
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1065
Delta R.T. 0.02 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion: 117 Resp: 146623
Ion Ratio Lower Upper
117 100
82 73.2 47.7 71.5#
119 33.1 26.6 40.0



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





#65

Chlorobenzene

Concen: 1.218 ug/l

RT: 10.66 min Scan# 1061

Delta R.T. -0.05 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

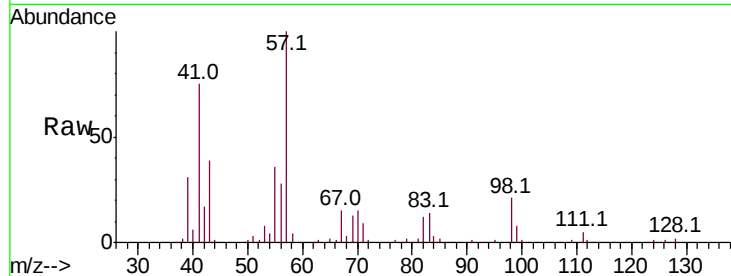
TP-4RE

Tot Ion:112 Resp: 3762

Ion Ratio Lower Upper

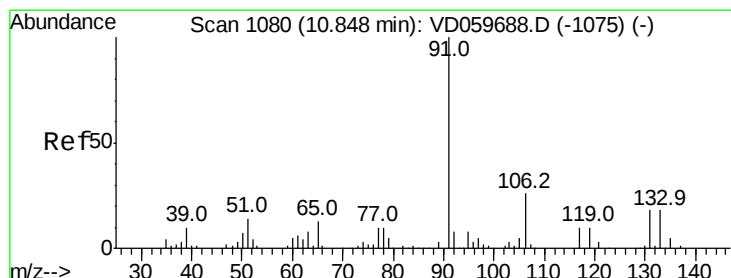
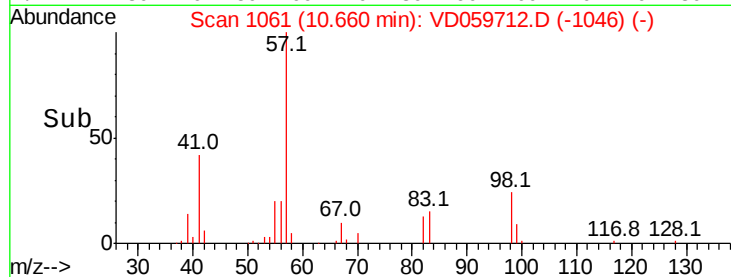
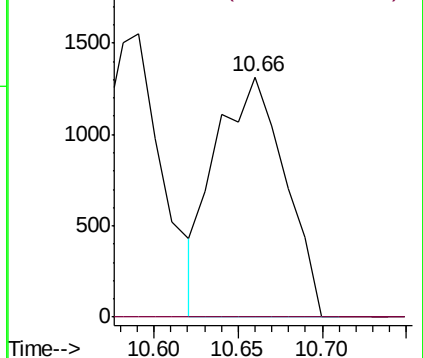
112 100

114 0.0 26.1 39.1#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#67

Ethyl Benzene

Concen: 1.634 ug/l

RT: 10.90 min Scan# 1085

Delta R.T. 0.05 min

Lab File: VD059712.D

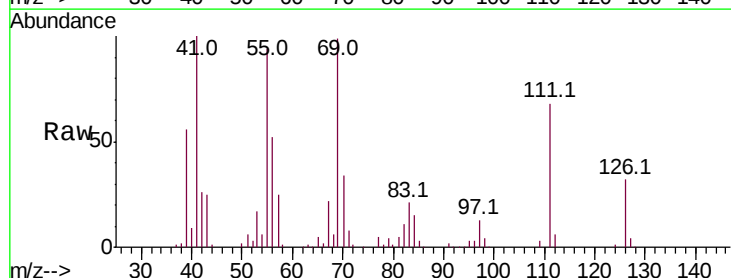
Acq: 8 Aug 2018 14:46

Tgt Ion: 91 Resp: 9095

Ion Ratio Lower Upper

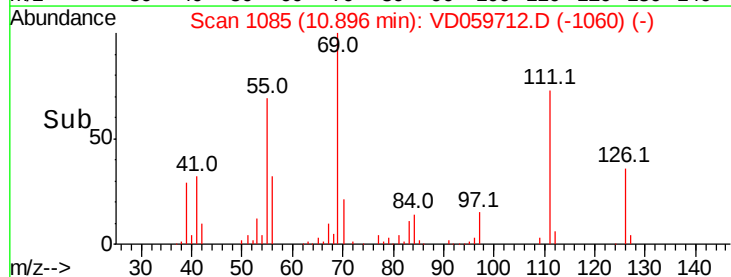
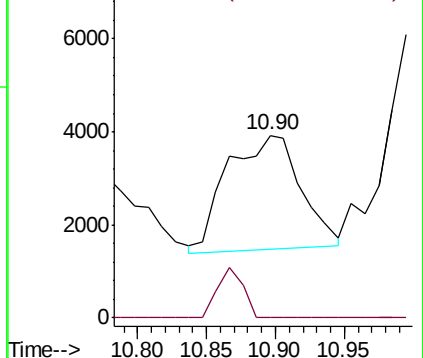
91 100

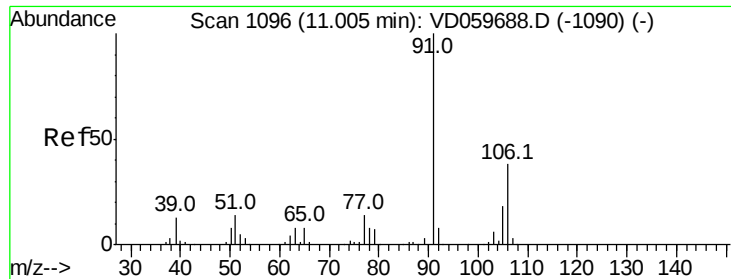
106 0.0 20.9 31.3#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

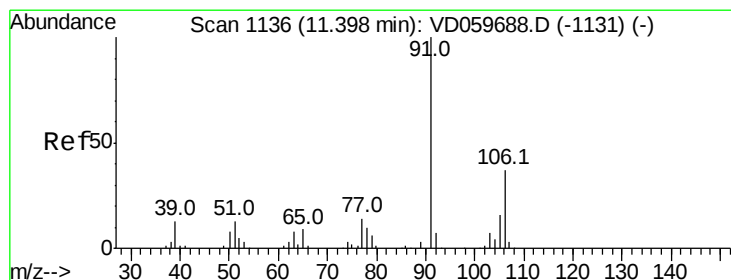
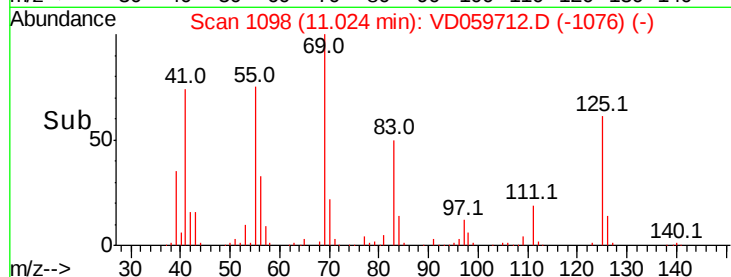
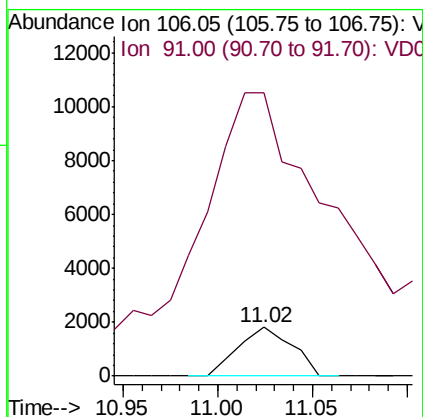
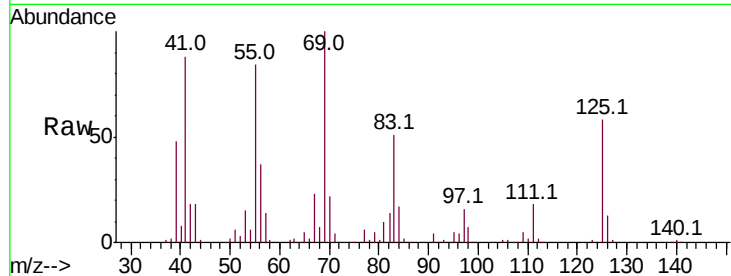




#68
m/p-Xylenes
Concen: 2.003 ug/l
RT: 11.02 min Scan# 1098
Delta R.T. 0.02 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

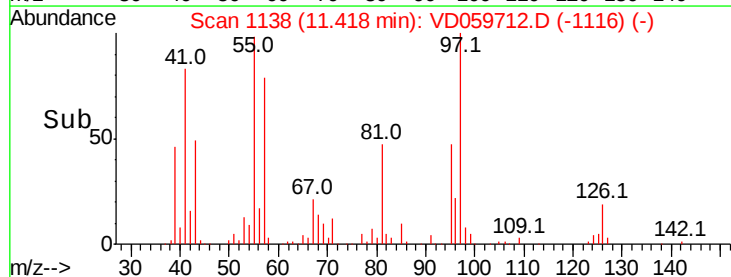
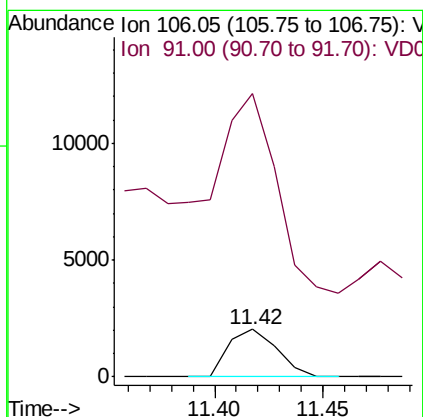
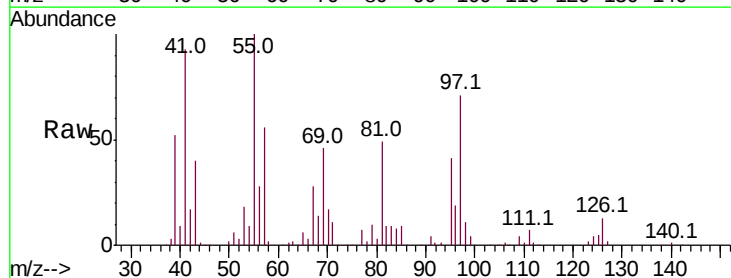
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

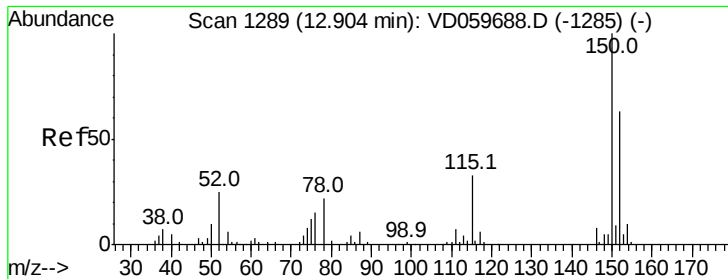
Tot Ion:106 Resp: 3565
Ion Ratio Lower Upper
106 100
91 576.6 209.7 314.5#



#69
o-Xylene
Concen: 1.841 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. 0.02 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion:106 Resp: 3186
Ion Ratio Lower Upper
106 100
91 595.1 135.2 405.6#



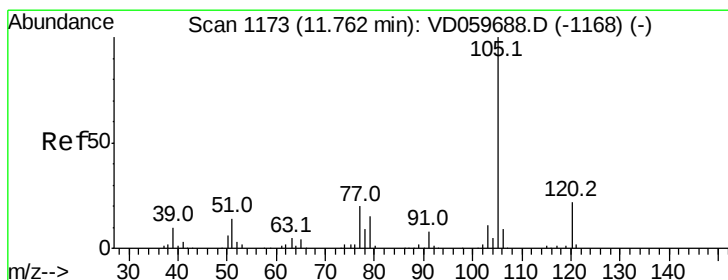
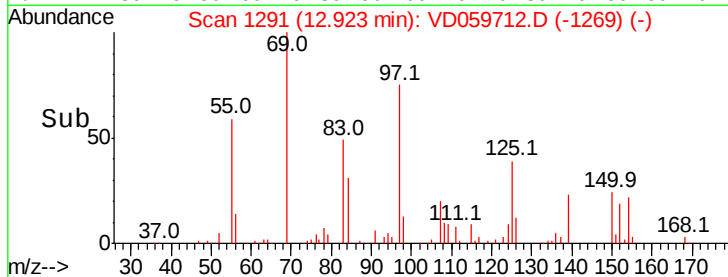
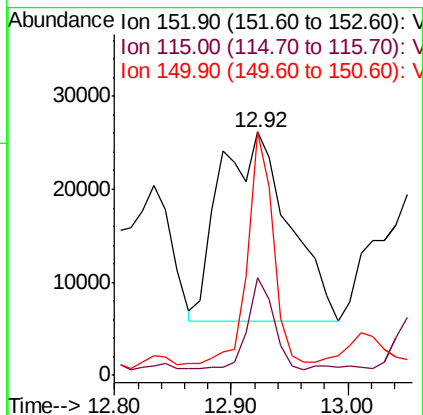
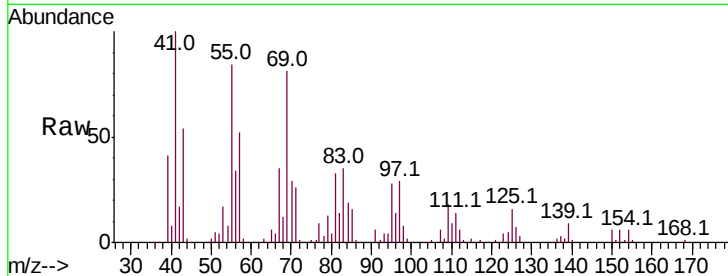


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.92 min Scan# 1291
Delta R.T. 0.02 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

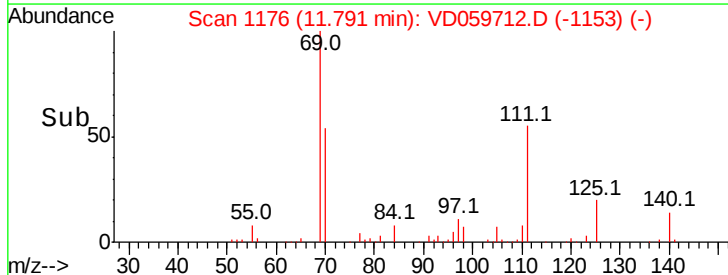
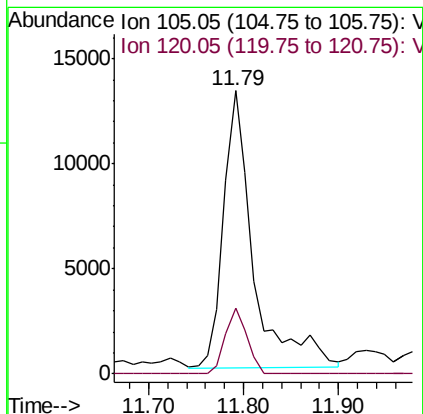
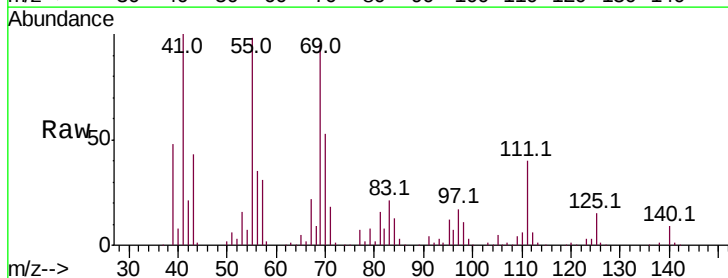
Tot Ion:152 Resp: 82917
Ion Ratio Lower Upper
152 100
115 40.2 28.8 86.4
150 100.1 0.0 318.0

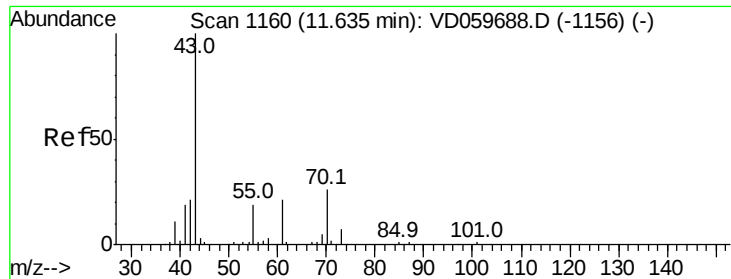


#73

Isopropylbenzene
Concen: 5.175 ug/l
RT: 11.79 min Scan# 1176
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion:105 Resp: 28840
Ion Ratio Lower Upper
105 100
120 23.1 10.8 32.3





#74

N-amvl acetate

Concen: 968.874 ug/l

RT: 11.63 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

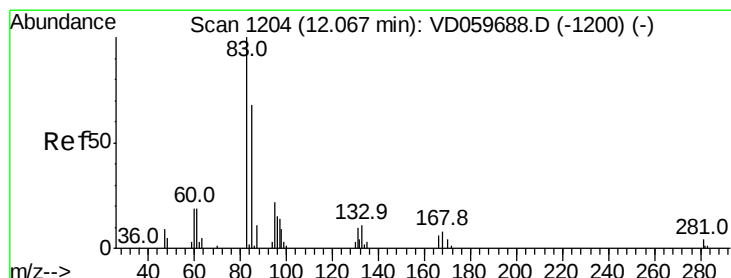
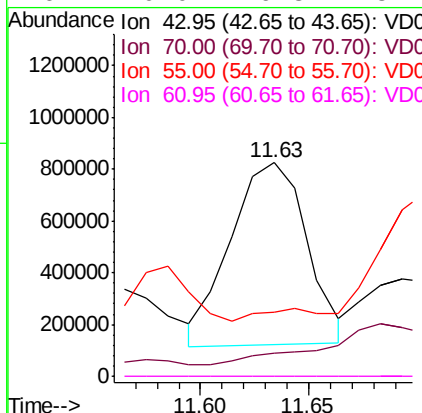
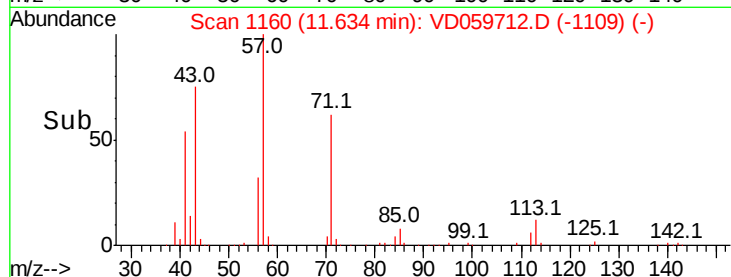
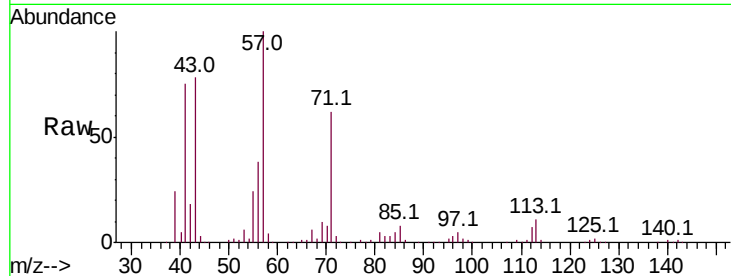
MSVOA_D

ClientSampleId :

TP-4RE

Tot Ion: 43 Resp: 1727259

Ion	Ratio	Lower	Upper
43	100		
70	10.5	21.0	31.6#
55	30.1	15.4	23.2#
61	0.0	16.8	25.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 513.189 ug/l

RT: 12.12 min Scan# 1209

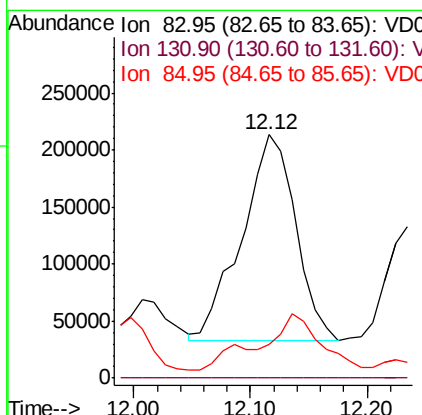
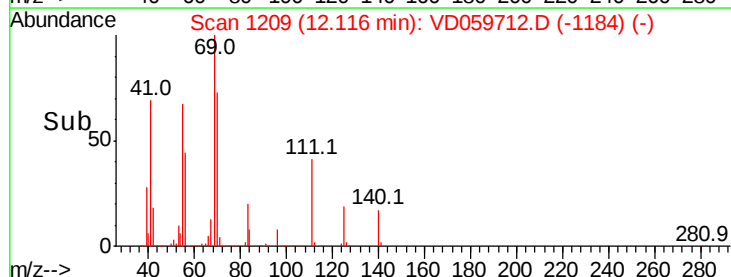
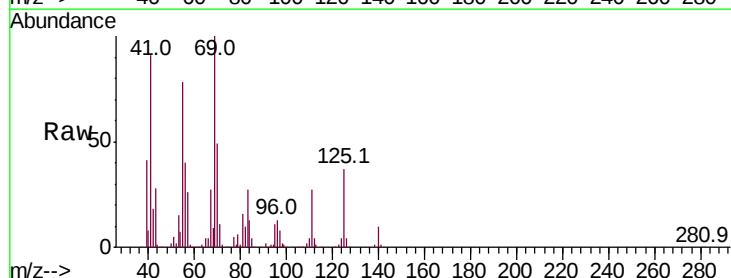
Delta R.T. 0.05 min

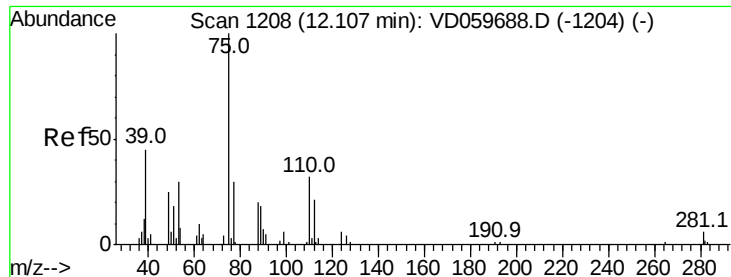
Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Tgt Ion: 83 Resp: 573841

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	13.8	34.1	102.2#





#76

1,2,3-Trichloropropane

Concen: 1.339 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

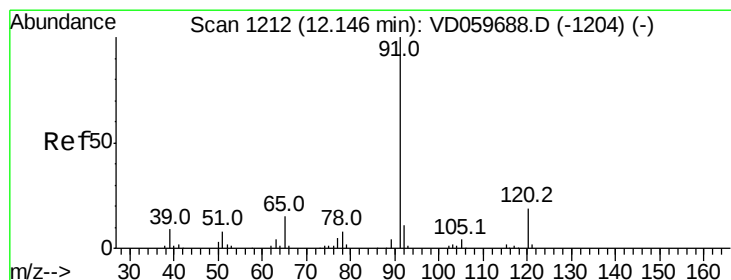
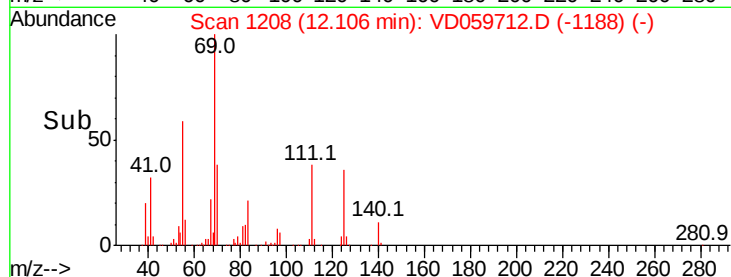
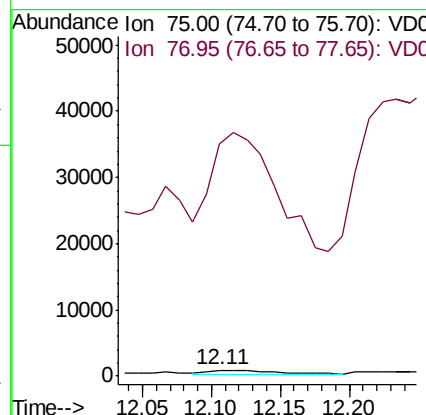
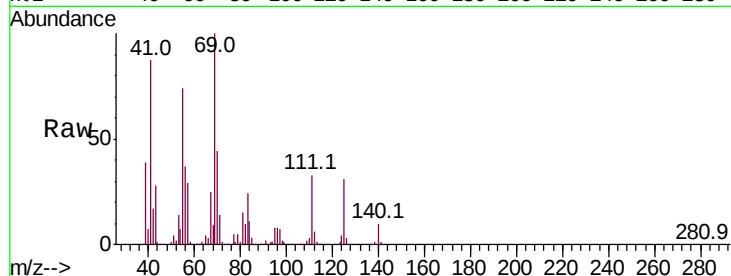
TP-4RE

Tot Ion: 75 Resp: 1716

Ion Ratio Lower Upper

75 100

77 3859.8 15.5 46.5#



#78

n-propylbenzene

Concen: 3.844 ug/l

RT: 12.17 min Scan# 1214

Delta R.T. 0.02 min

Lab File: VD059712.D

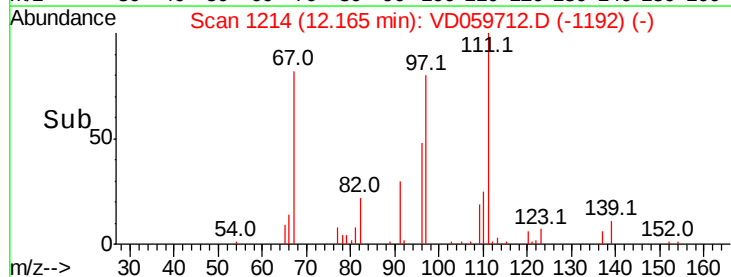
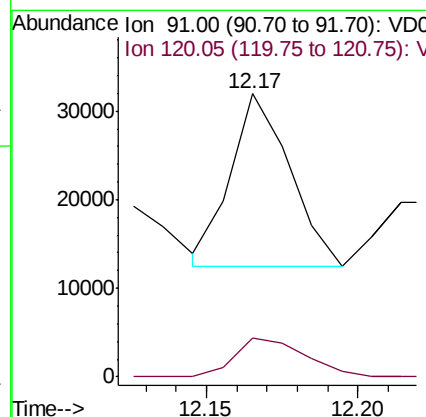
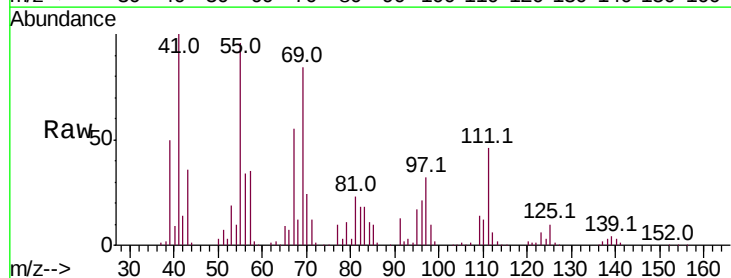
Acq: 8 Aug 2018 14:46

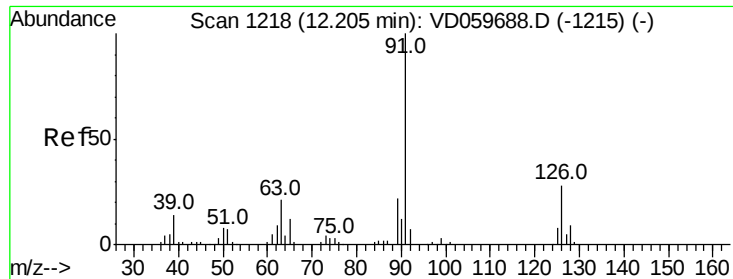
Tgt Ion: 91 Resp: 26547

Ion Ratio Lower Upper

91 100

120 13.7 9.5 28.5

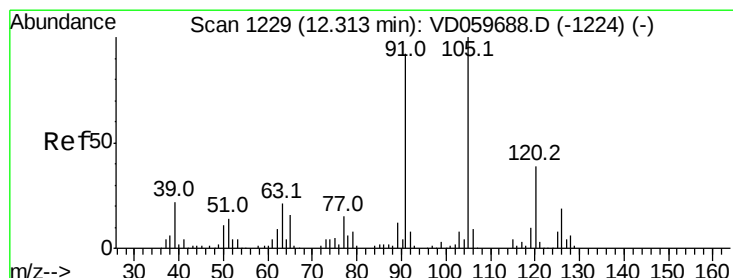
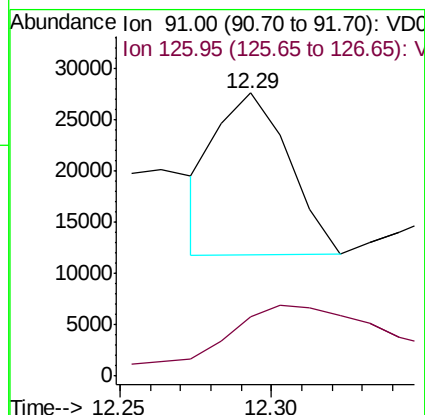
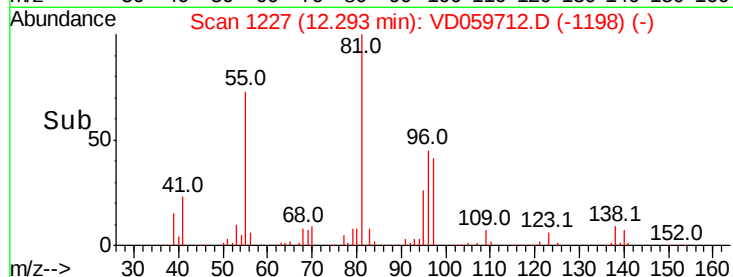
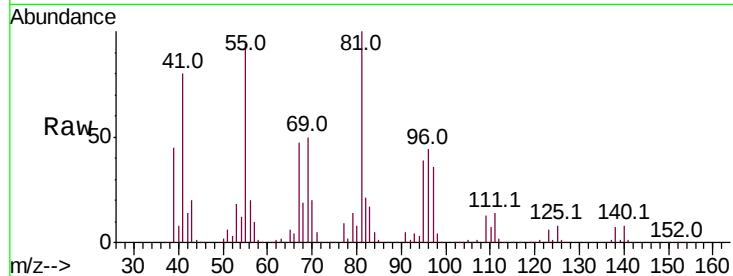




#79
 2-Chlorotoluene
 Concen: 6.361 ug/l
 RT: 12.29 min Scan# 1227
 Delta R.T. 0.09 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

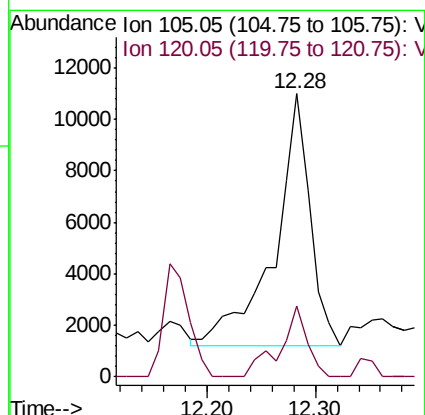
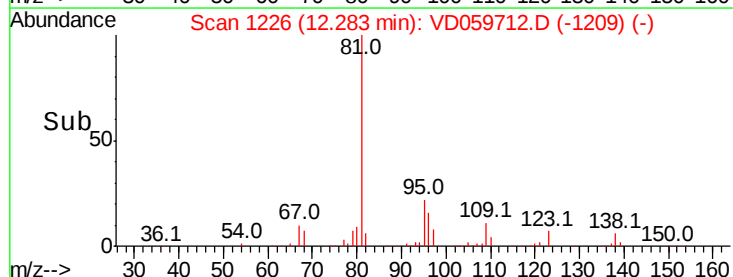
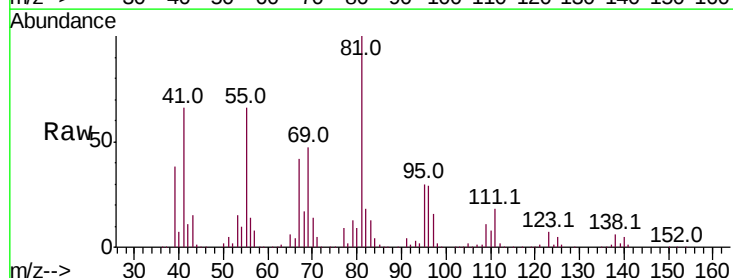
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

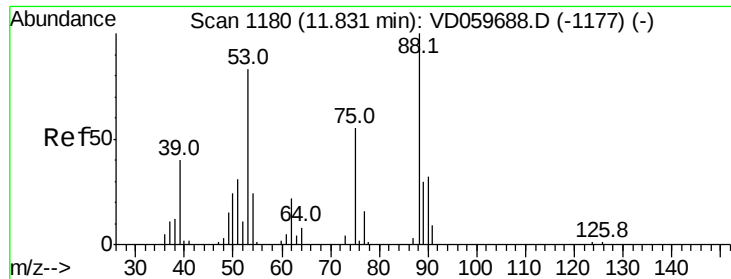
Tot Ion: 91 Resp: 26528
 Ion Ratio Lower Upper
 91 100
 126 20.9 13.7 41.0



#80
 1,3,5-Trimethylbenzene
 Concen: 4.799 ug/l
 RT: 12.28 min Scan# 1226
 Delta R.T. -0.03 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

Tgt Ion:105 Resp: 22275
 Ion Ratio Lower Upper
 105 100
 120 24.9 19.7 59.1





#81

trans-1,4-Dichloro-2-butene

Concen: 4.798 ug/l

RT: 11.80 min Scan# 1177

Delta R.T. -0.03 min

Lab File: VD059712.D

Acq: 8 Aug 2018 14:46

Instrument :

MSVOA_D

ClientSampleId :

TP-4RE

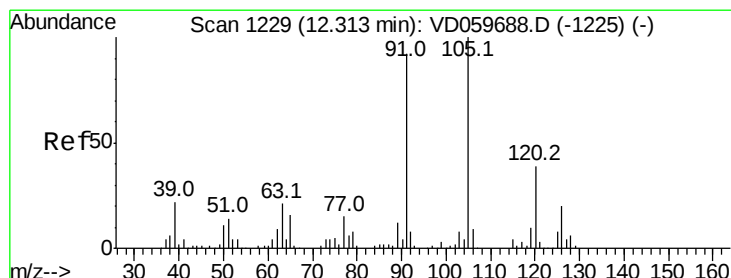
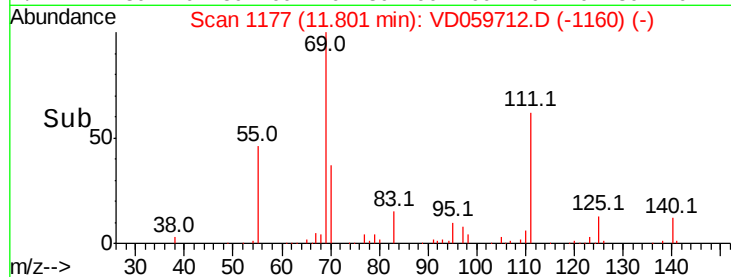
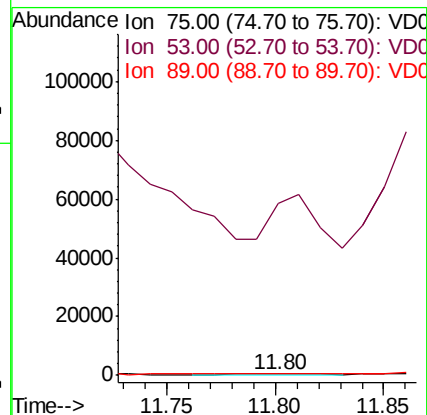
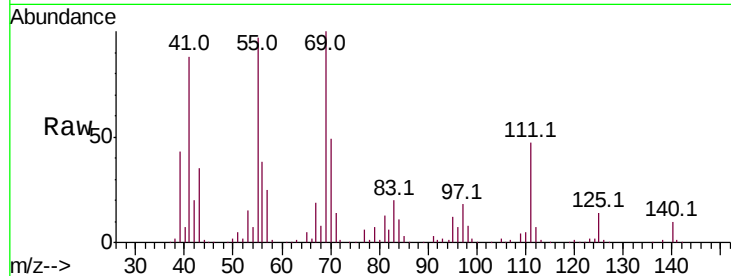
Tot Ion: 75 Resp: 1501

Ion Ratio Lower Upper

75 100

53 11255.4 120.5 180.7#

89 101.0 44.4 66.6#



#82

4-Chlorotoluene

Concen: 5.389 ug/l

RT: 12.29 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VD059712.D

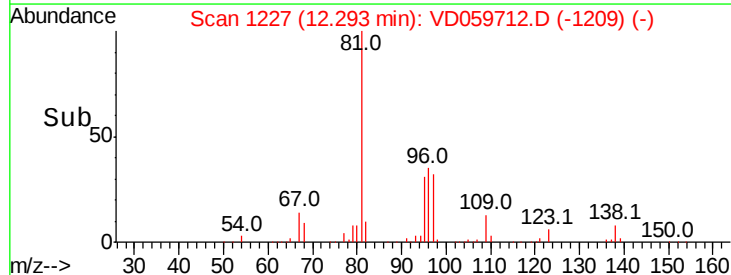
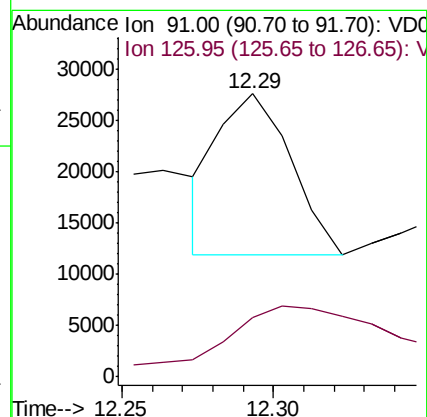
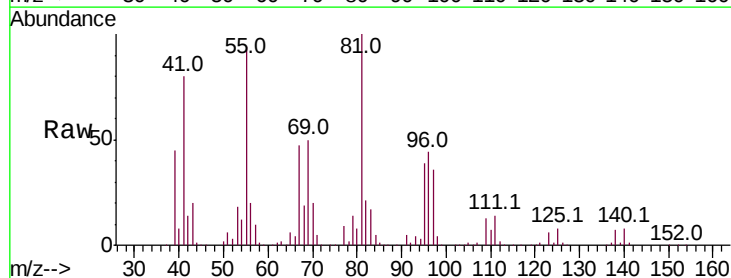
Acq: 8 Aug 2018 14:46

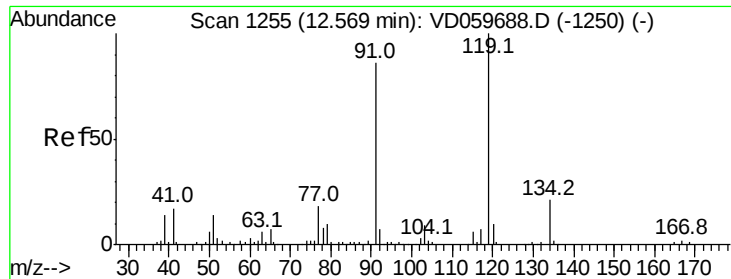
Tgt Ion: 91 Resp: 26310

Ion Ratio Lower Upper

91 100

126 20.9 10.7 31.9

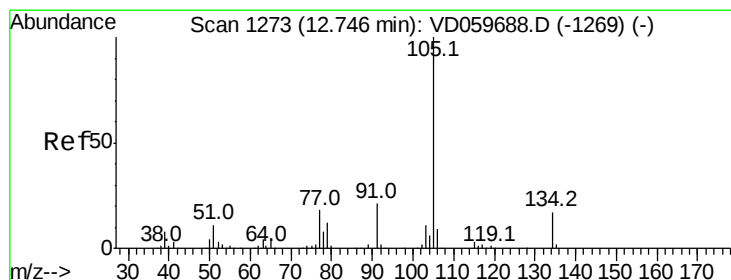
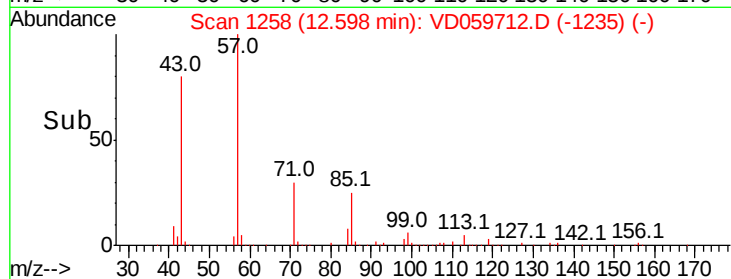
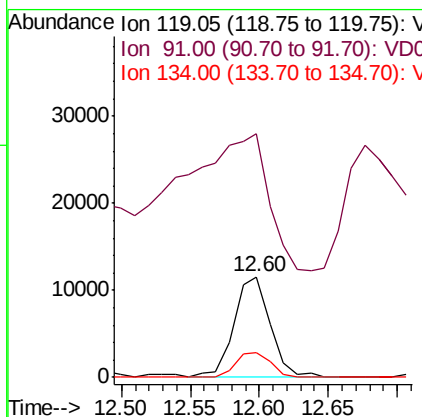
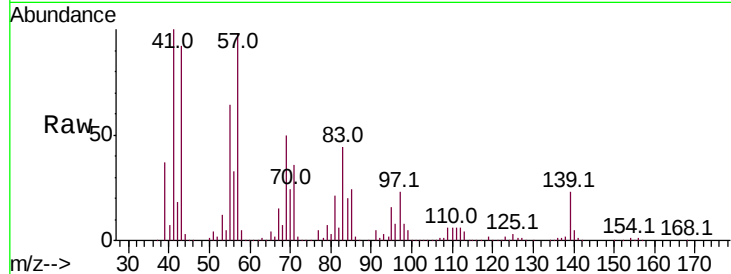




#83
tert-Butylbenzene
Concen: 4.093 ug/l
RT: 12.60 min Scan# 1258
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

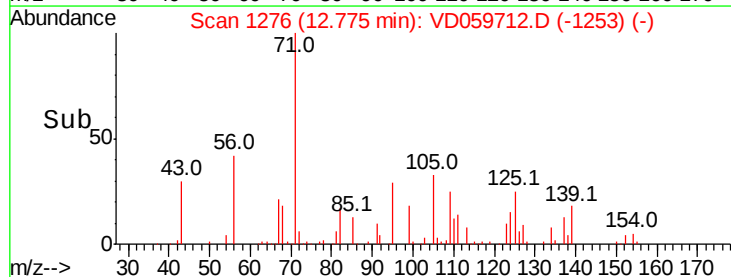
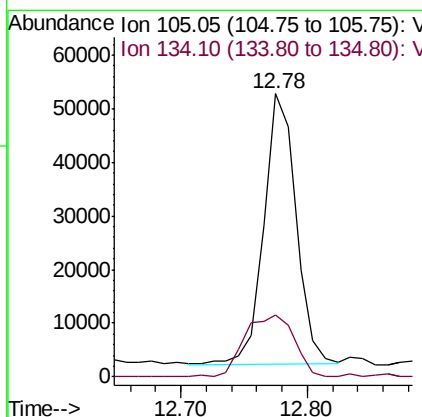
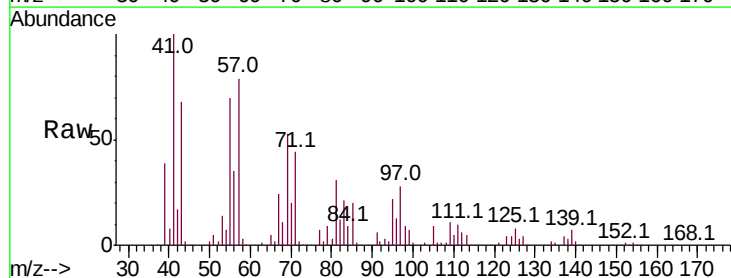
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

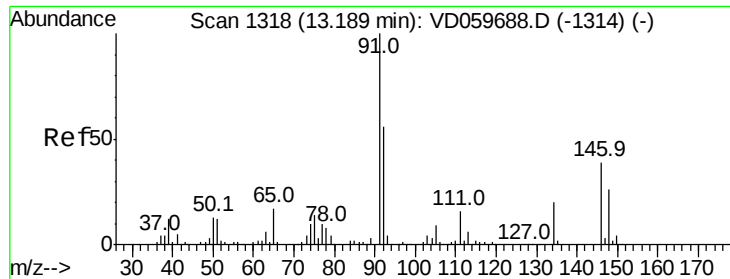
Tot Ion:119 Resp: 21267
Ion Ratio Lower Upper
119 100
91 242.6 43.3 129.9#
134 25.1 10.5 31.6



#85
sec-Butylbenzene
Concen: 15.575 ug/l
RT: 12.78 min Scan# 1276
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion:105 Resp: 89861
Ion Ratio Lower Upper
105 100
134 21.7 8.3 24.9

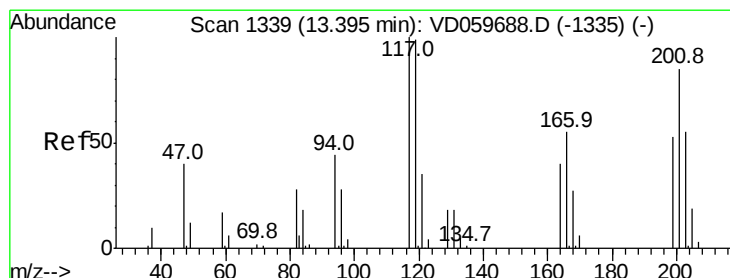
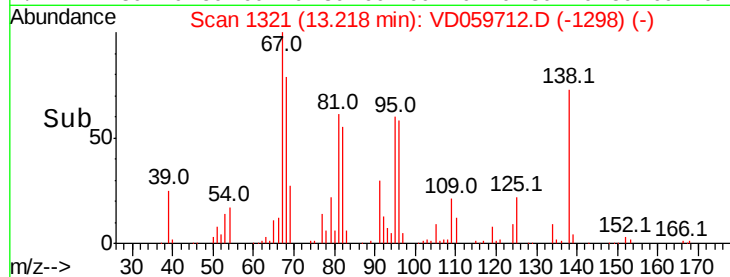
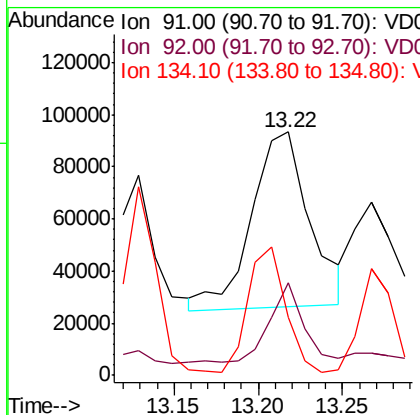
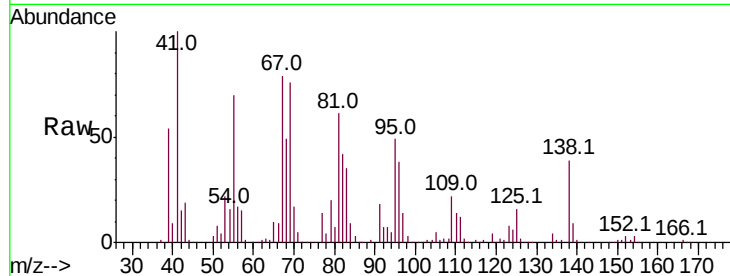




#89
n-Butylbenzene
Concen: 32.216 ug/l
RT: 13.22 min Scan# 1321
Delta R.T. 0.03 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

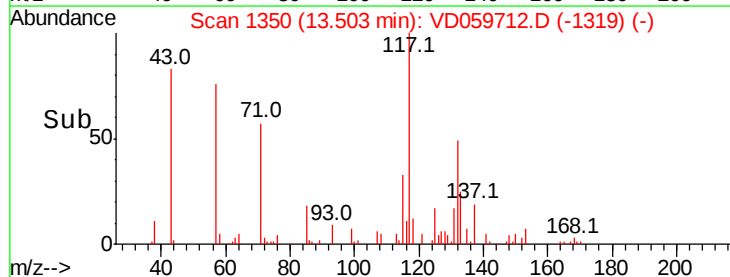
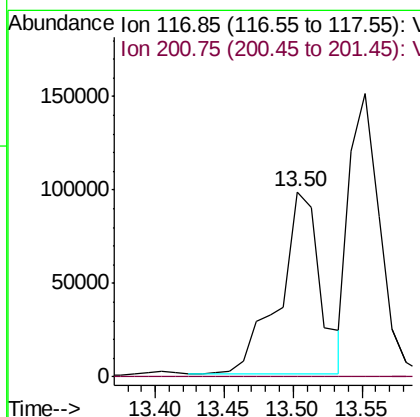
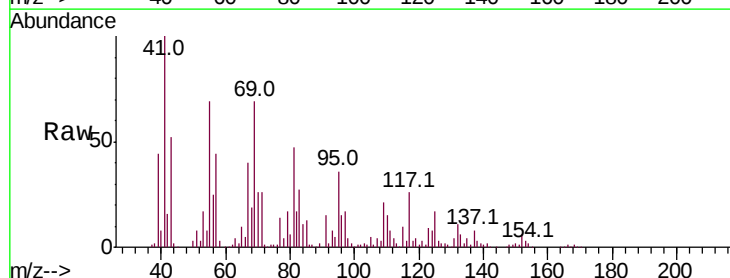
Instrument :
MSVOA_D
ClientSampleId :
TP-4RE

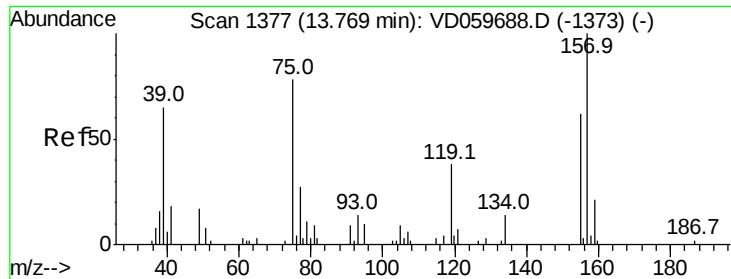
Tot Ion: 91 Resp: 160723
Ion Ratio Lower Upper
91 100
92 38.0 28.2 84.6
134 23.7 9.8 29.5



#90
Hexachloroethane
Concen: 157.837 ug/l
RT: 13.50 min Scan# 1350
Delta R.T. 0.11 min
Lab File: VD059712.D
Acq: 8 Aug 2018 14:46

Tgt Ion: 117 Resp: 201281
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.1#

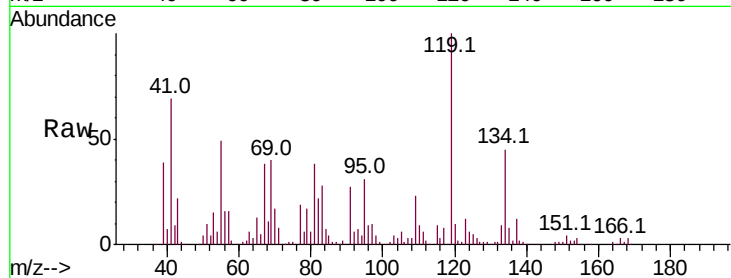




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 33.877 ug/l
 RT: 13.76 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VD059712.D
 Acq: 8 Aug 2018 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4RE

Tot Ion: 75 Resp: 7912
 Ion Ratio Lower Upper
 75 100
 155 34.4 40.0 119.9#
 157 0.0 64.3 192.7#



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

