

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059715.D
 Acq On : 8 Aug 2018 16:11
 Operator : VA/AP
 Sample : J4297-08RE
 Misc : 5.33q/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

Quant Time: Aug 08 16:44:57 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	5.63	168	115232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	159923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	73177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.04	152	41013	50.00	ug/l	0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	76246	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	5.54	113	62155	43.27	ug/l	0.02
Spiked Amount			Recovery	=	86.54%	
50) Toluene-d8	8.71	98	151551	48.47	ug/l	0.02
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.94	95	285414	197.79	ug/l	0.02
Spiked Amount			Recovery	=	395.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	85687	307.729	ug/l	99
17) Carbon Disulfide	2.74	76	2392	1.170	ug/l #	74
18) Methyl Acetate	2.92	43	2711	5.269	ug/l #	57
20) Methylene Chloride	3.05	84	2123	Below Cal	#	87
25) 2-Butanone	4.83	43	15839	43.309	ug/l	93
29) Tetrahydrofuran	4.83	42	1569	11.078	ug/l #	1
31) Cyclohexane	5.59	56	7096	2.383	ug/l #	96
36) 1,1-Dichloropropene	5.63	75	9976	5.611	ug/l #	54
37) Ethyl Acetate	4.83	43	15839	18.348	ug/l #	85
38) Carbon Tetrachloride	5.63	117	11636	4.890	ug/l #	13
39) Methylcyclohexane	7.28	83	146368	97.411	ug/l	94
43) Isopropyl Acetate	7.65	43	26405	23.402	ug/l #	46
45) 1,2-Dichloropropane	7.27	63	2010	2.208	ug/l #	1
48) Methyl methacrylate	7.54	41	10124	13.594	ug/l #	73
51) 4-Methyl-2-Pentanone	8.70	43	63228	76.839	ug/l #	50
55) 1,1,2-Trichloroethane	9.52	97	13538	16.024	ug/l #	44
56) Ethyl methacrylate	9.37	69	83783	89.882	ug/l #	1
59) 2-Hexanone	9.76	43	1729326	2798.662	ug/l #	39
60) Dibromochloromethane	9.94	129	2019	1.504	ug/l #	24
65) Chlorobenzene	10.64	112	5923	3.841	ug/l #	42
67) Ethyl Benzene	10.80	91	8897	3.204	ug/l #	49
68) m/p-Xylenes	11.02	106	3218	3.622	ug/l #	1
69) o-Xylene	11.42	106	5558	6.435	ug/l #	6
73) Isopropylbenzene	11.79	105	38303	13.897	ug/l	99
74) N-amyl acetate	11.64	43	2792439	3166.764	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.03	83	149512	270.324	ug/l #	33
76) 1,2,3-Trichloropropane	12.11	75	3958	6.243	ug/l #	1
77) Bromobenzene	12.14	156	1692	2.106	ug/l #	1
78) n-propylbenzene	12.16	91	22533	6.597	ug/l	81
79) 2-Chlorotoluene	12.16	91	22533	10.923	ug/l	74
80) 1,3,5-Trimethylbenzene	12.35	105	3621	1.577	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.87	75	2470	15.963	ug/l #	1
82) 4-Chlorotoluene	12.29	91	40441	16.747	ug/l	92
83) tert-Butylbenzene	12.60	119	52479	20.422	ug/l	67

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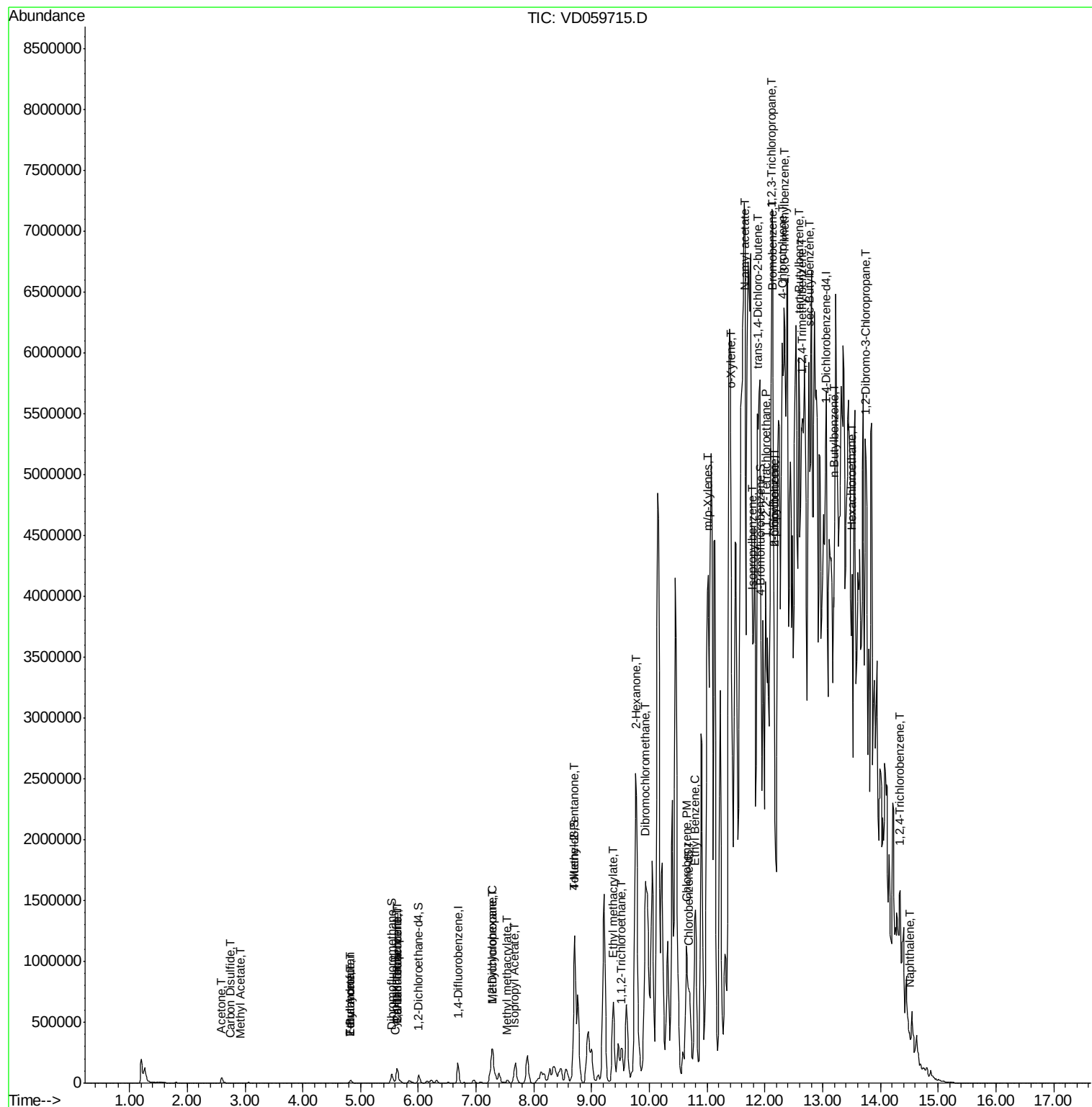
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	12.65	105	8411	3.457	ug/l	98
85) sec-Butylbenzene	12.77	105	85314	29.895	ug/l	95
89) n-Butylbenzene	13.20	91	82073	33.259	ug/l #	29
90) Hexachloroethane	13.50	117	213321	338.191	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.76	75	5835	50.510	ug/l #	25
93) 1,2,4-Trichlorobenzene	14.34	180	1123	1.069	ug/l #	1
95) Naphthalene	14.51	128	7053	4.534	ug/l #	1

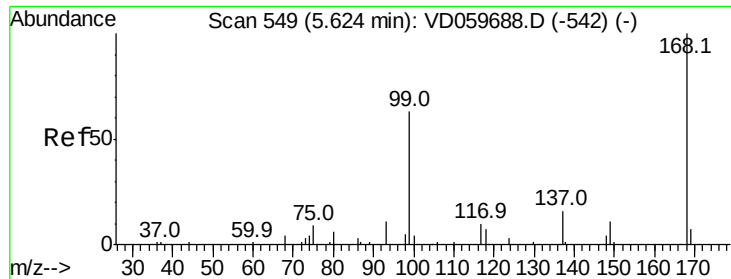
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

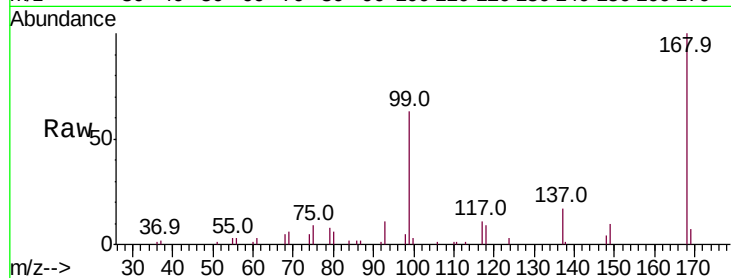
TP-8RE

Tot Ion:168 Resp: 115232

Ion Ratio Lower Upper

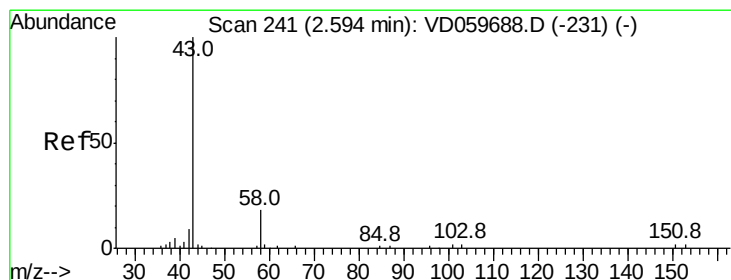
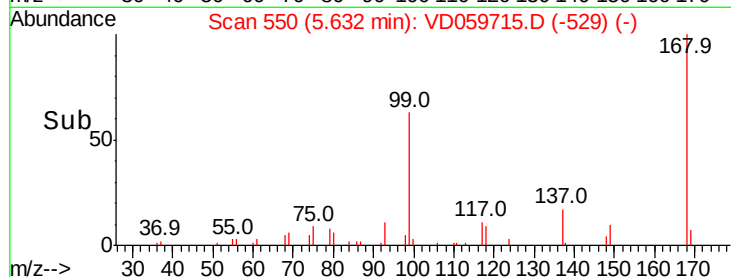
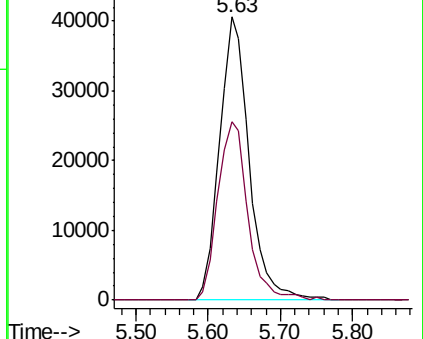
168 100

99 63.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 307.729 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD059715.D

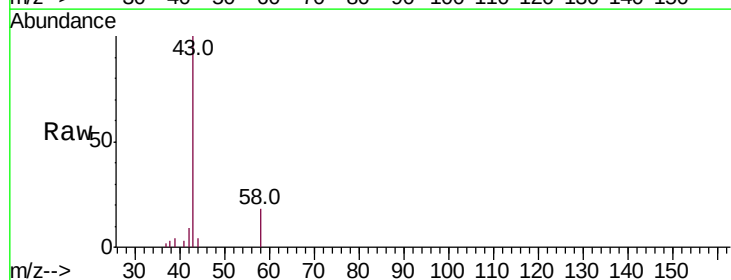
Acq: 8 Aug 2018 16:11

Tgt Ion: 43 Resp: 85687

Ion Ratio Lower Upper

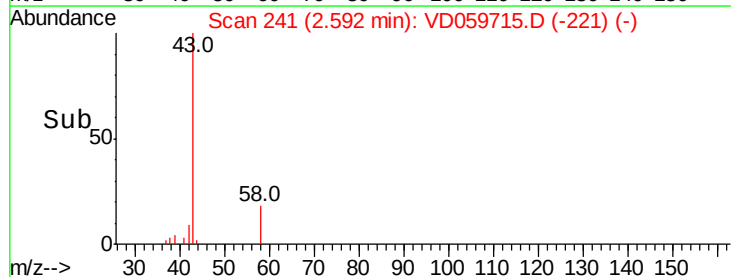
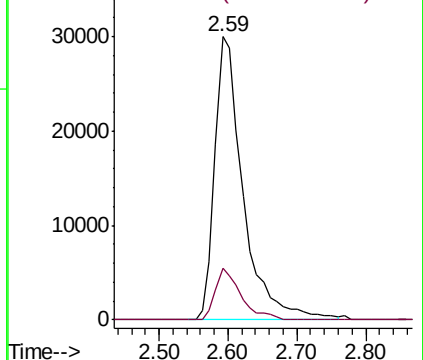
43 100

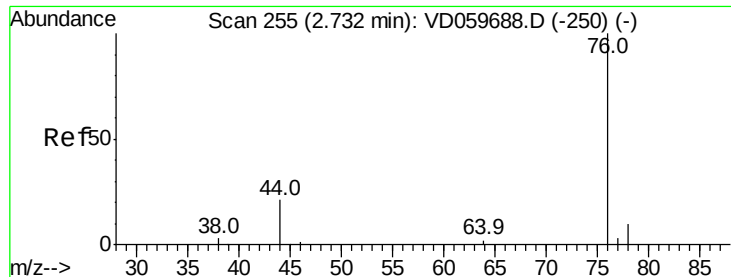
58 18.1 14.2 21.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.170 ug/l

RT: 2.74 min Scan# 256

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

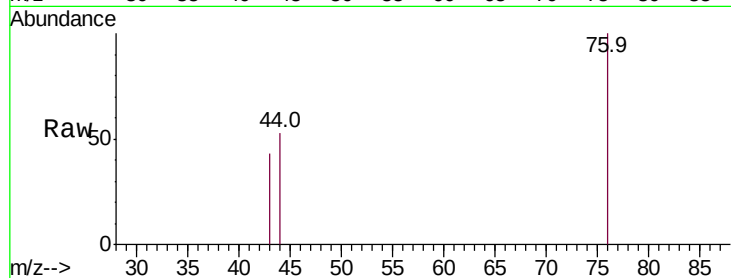
TP-8RE

Tot Ion: 76 Resp: 2392

Ion Ratio Lower Upper

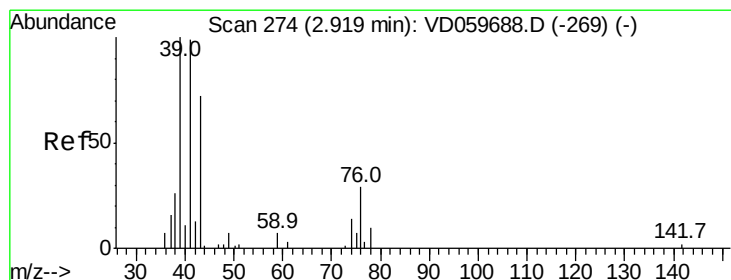
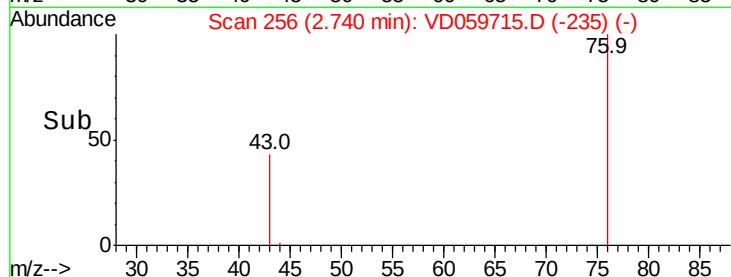
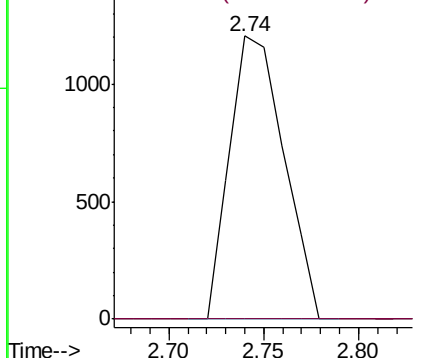
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 5.269 ug/l

RT: 2.92 min Scan# 274

Delta R.T. -0.00 min

Lab File: VD059715.D

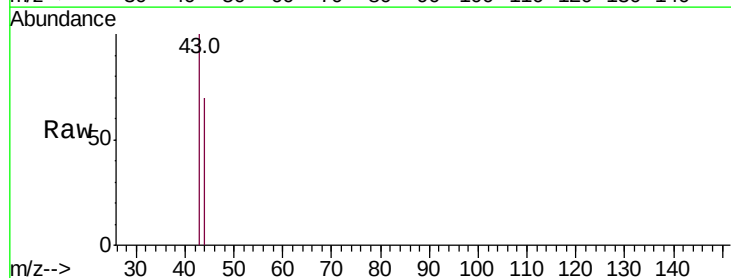
Acq: 8 Aug 2018 16:11

Tgt Ion: 43 Resp: 2711

Ion Ratio Lower Upper

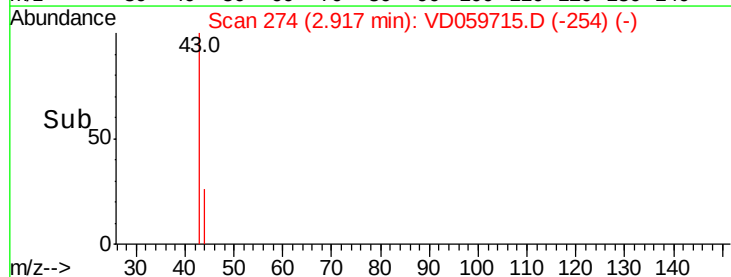
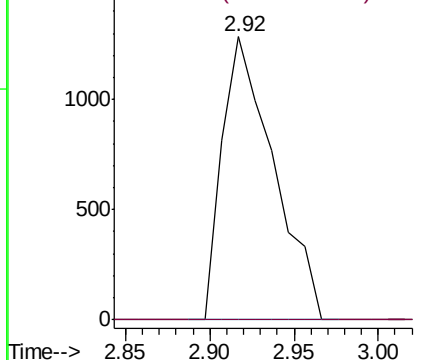
43 100

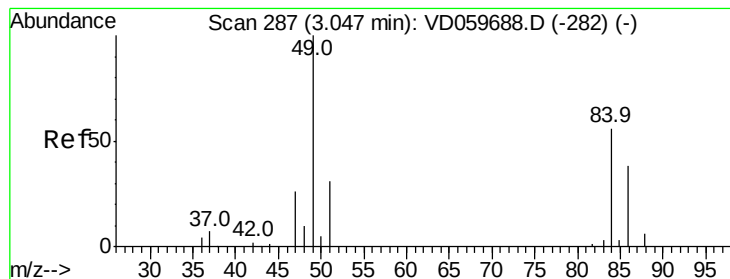
74 0.0 15.7 23.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methylene Chloride

Concen: Below Cal

RT: 3.05 min Scan# 288

Delta R.T. 0.01 min

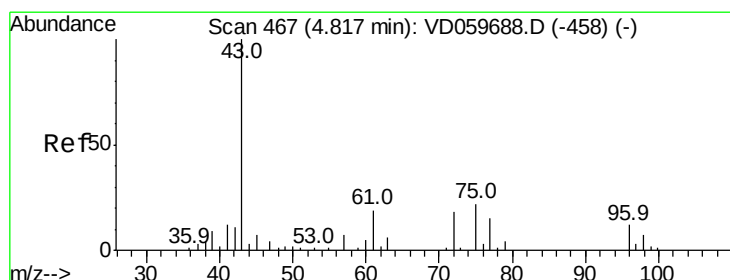
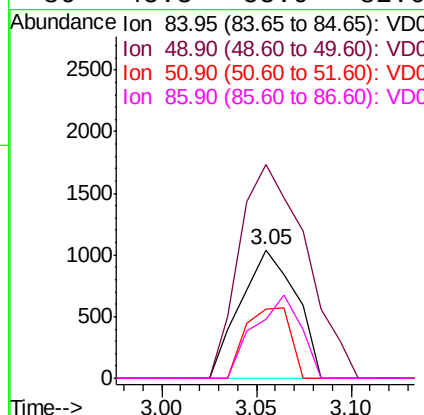
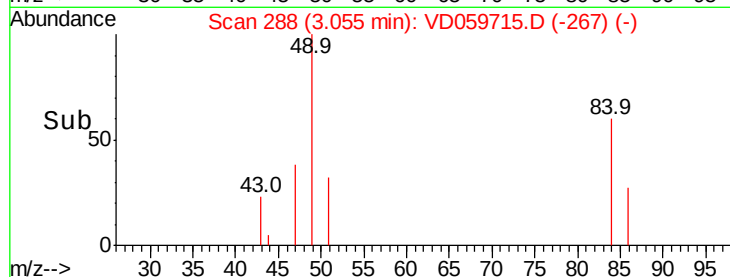
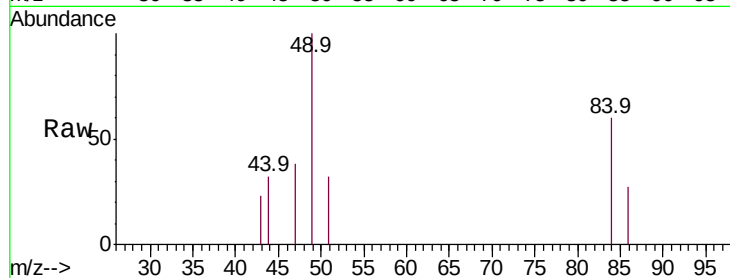
Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleID :
TP-8RE

Tot Ion: 84 Resp: 2123

Ion	Ratio	Lower	Upper
84	100		
49	166.2	143.4	215.2
51	53.3	44.2	66.4
86	45.3	55.0	82.6#



#25

2-Butanone

Concen: 43.309 ug/l

RT: 4.83 min Scan# 468

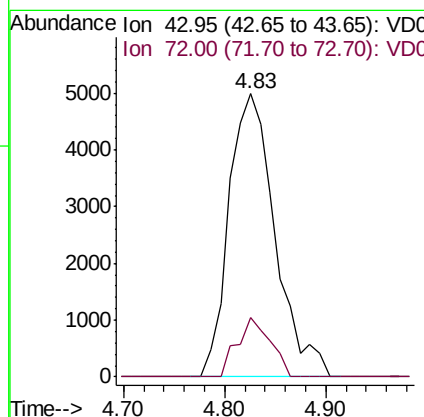
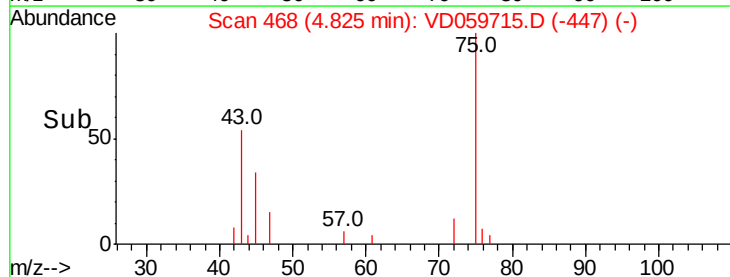
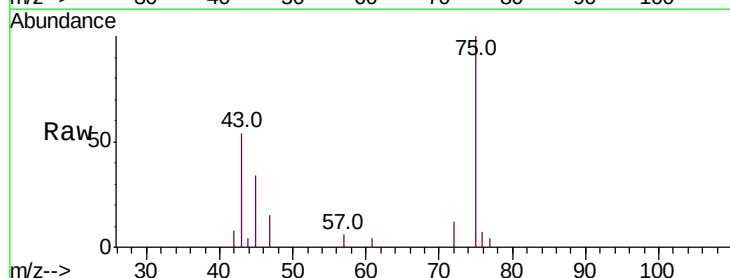
Delta R.T. 0.01 min

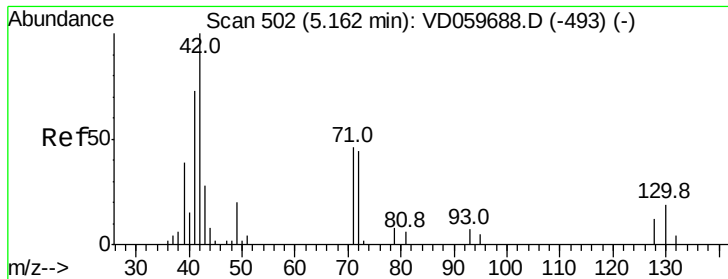
Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Tgt Ion: 43 Resp: 15839

Ion	Ratio	Lower	Upper
43	100		
72	21.2	14.6	21.8





#29

Tetrahydrofuran

Concen: 11.078 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.34 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

TP-8RE

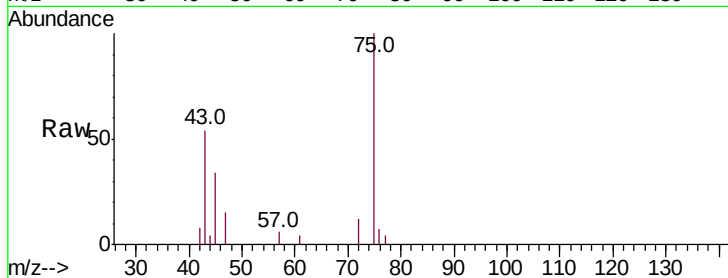
Tot Ion: 42 Resp: 1569

Ion Ratio Lower Upper

42 100

72 152.2 36.7 55.1#

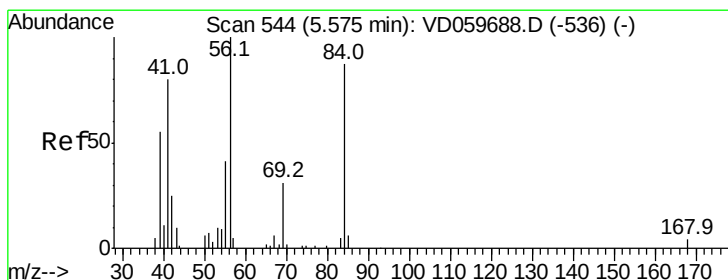
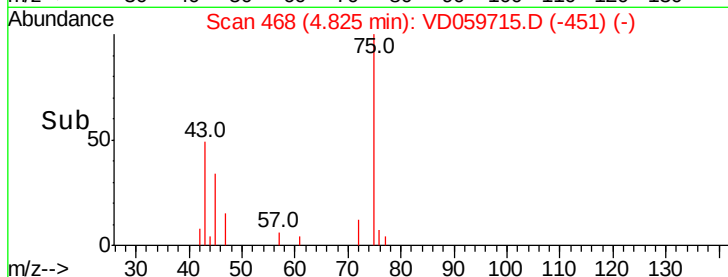
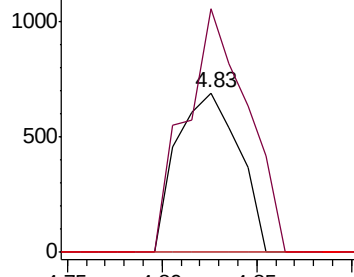
71 0.0 36.3 54.5#



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: 2.383 ug/l

RT: 5.59 min Scan# 546

Delta R.T. 0.02 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

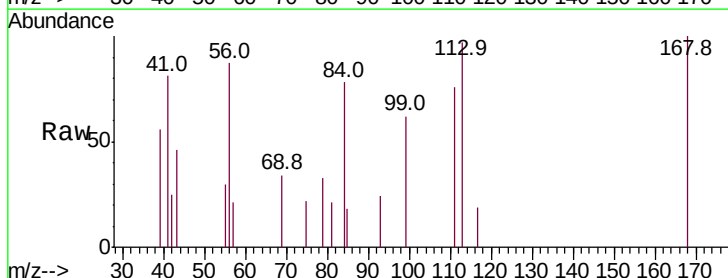
Tgt Ion: 56 Resp: 7096

Ion Ratio Lower Upper

56 100

69 38.7 24.7 37.1#

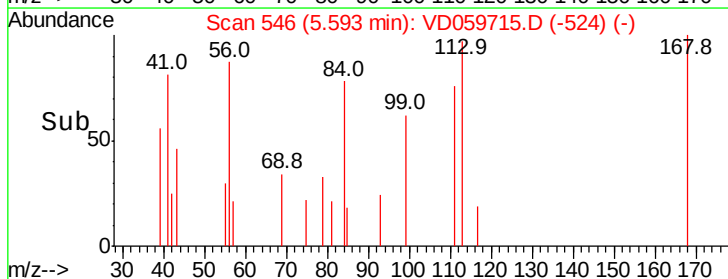
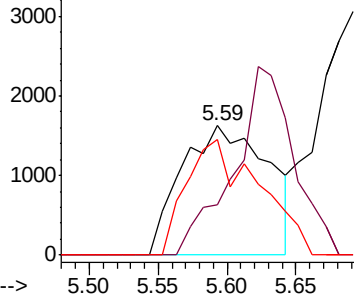
84 89.6 72.2 108.2

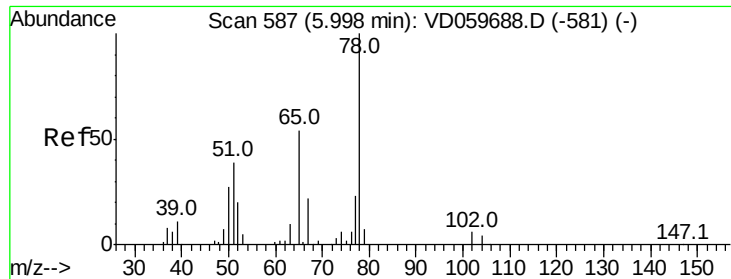


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

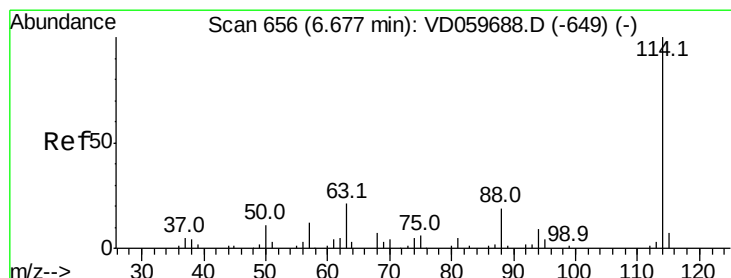
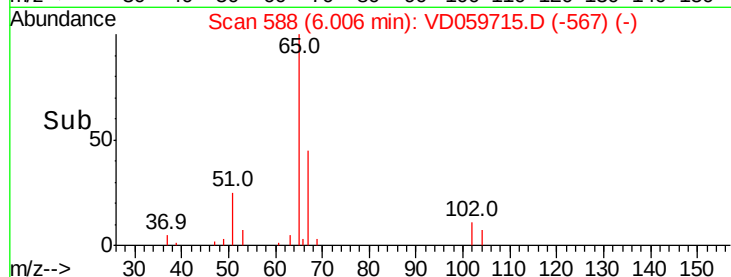
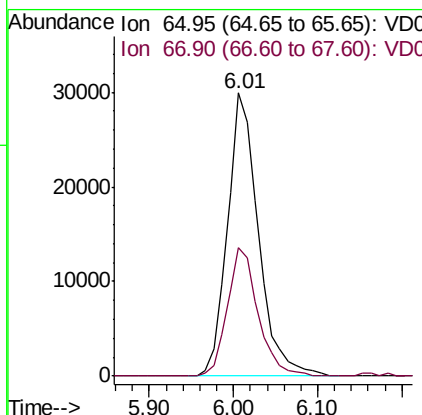
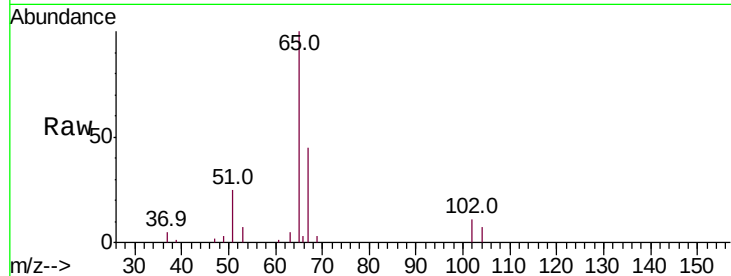




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

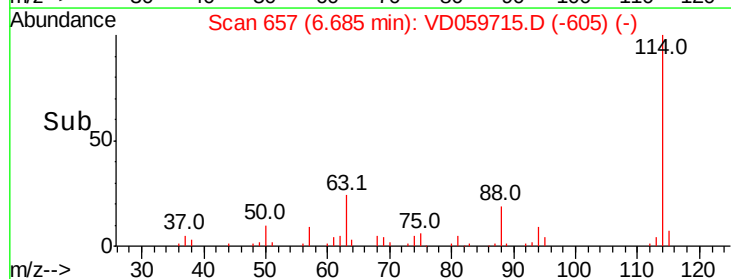
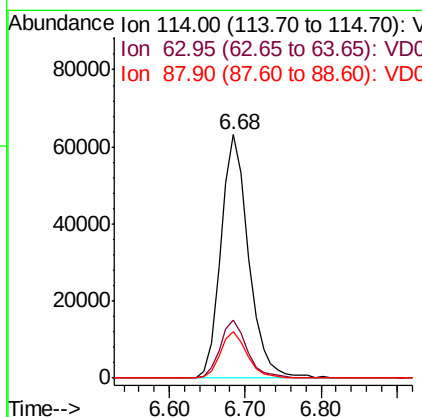
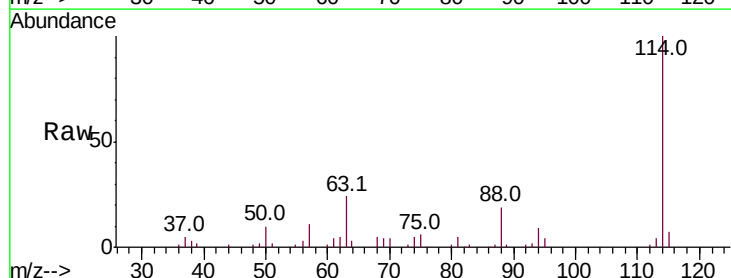
Instrument :
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 TP-8RE

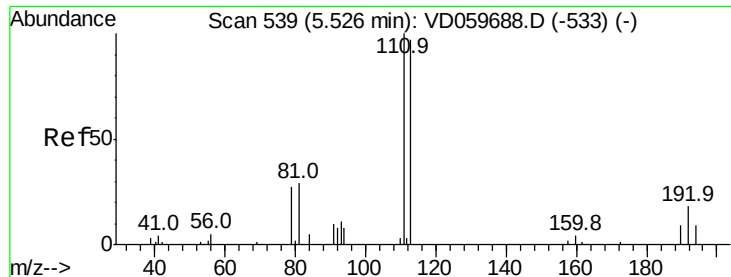
Tot Ion: 65 Resp: 76246
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 80.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion: 114 Resp: 159923
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 42.6
 88 19.0 0.0 38.8

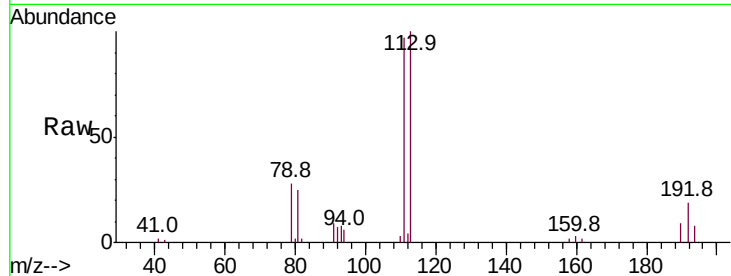




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.3	82.8	124.2
192	18.7	14.6	22.0

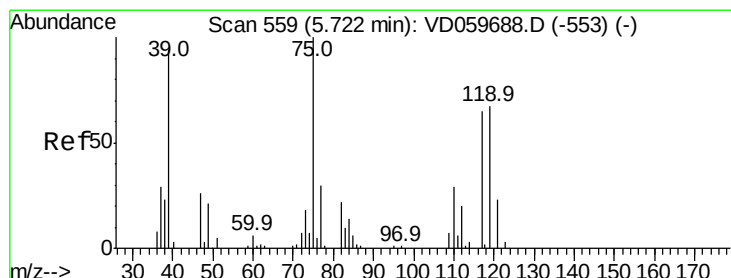
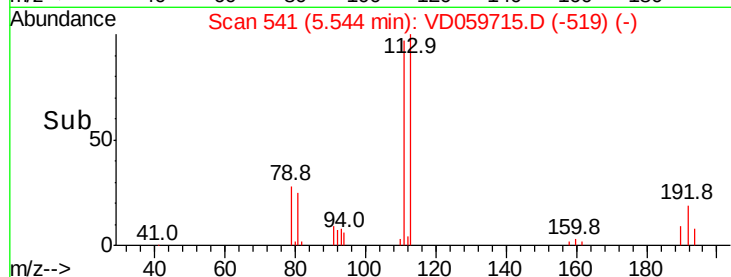
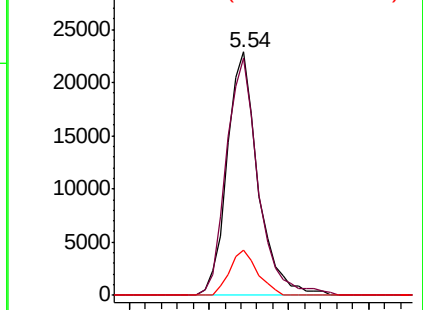


Abundance

Ion 112.90 (112.60 to 113.60): V

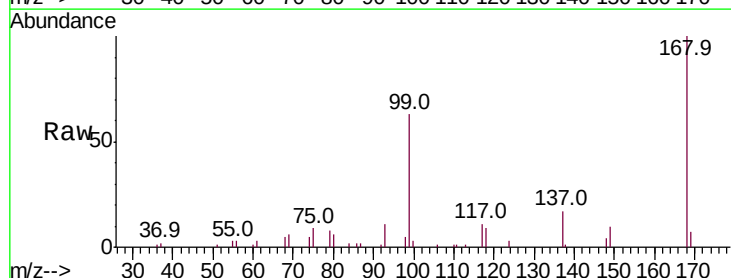
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36
 1,1-Dichloropropene
 Concen: 5.611 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.09 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	14.1	42.3#
77	0.0	23.9	35.9#

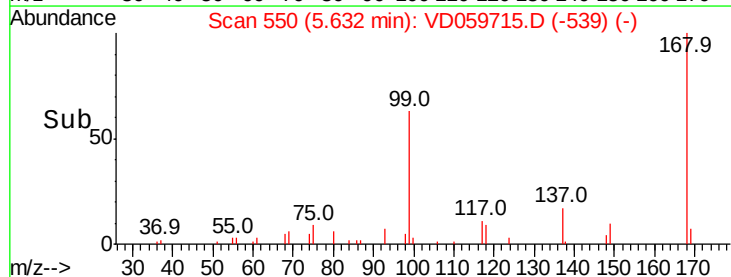
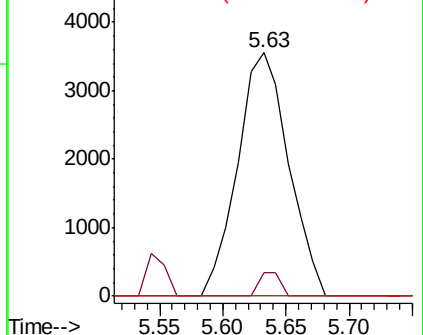


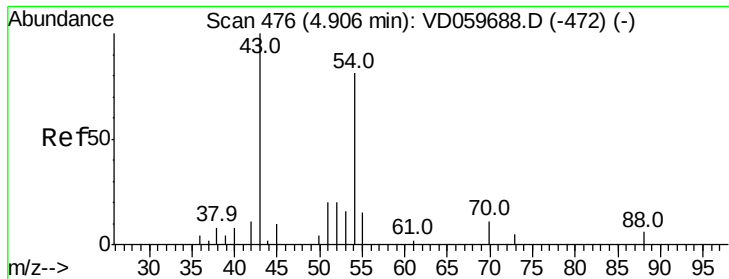
Abundance

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: 18.348 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.08 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

TP-8RE

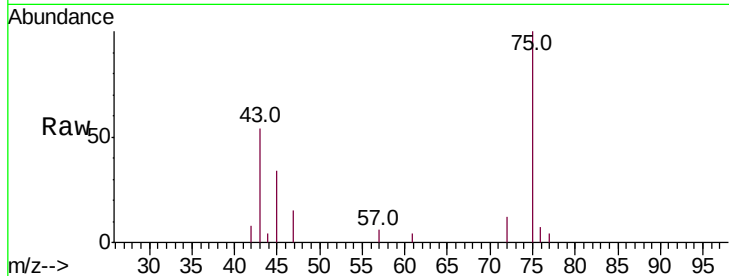
Tot Ion: 43 Resp: 15839

Ion Ratio Lower Upper

43 100

61 7.6 10.1 15.1#

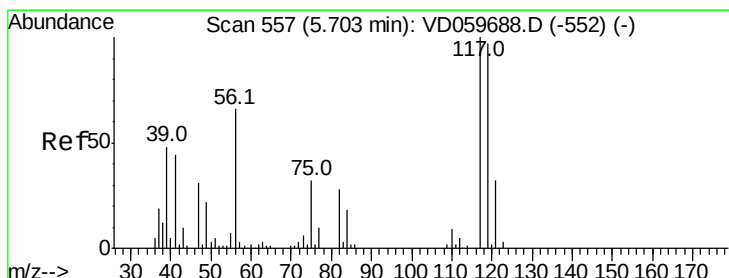
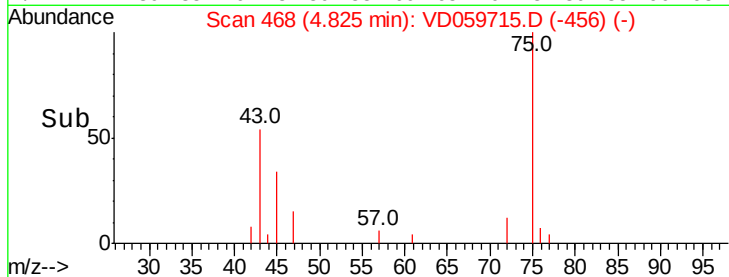
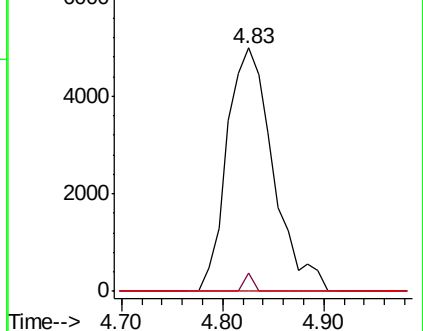
70 0.0 5.4 8.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 4.890 ug/l

RT: 5.63 min Scan# 550

Delta R.T. -0.07 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

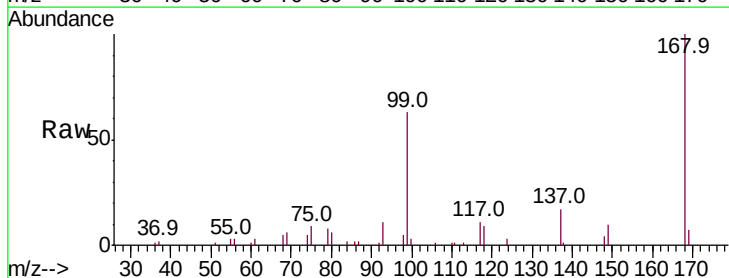
Tgt Ion: 117 Resp: 11636

Ion Ratio Lower Upper

117 100

119 0.0 75.3 112.9#

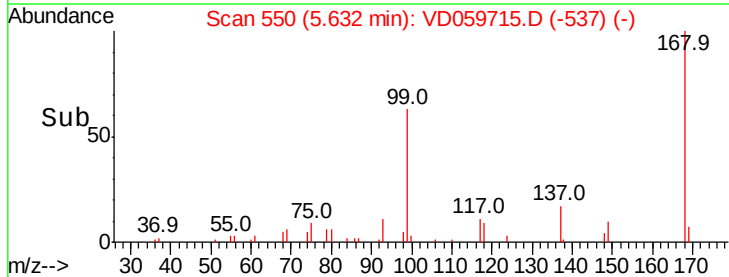
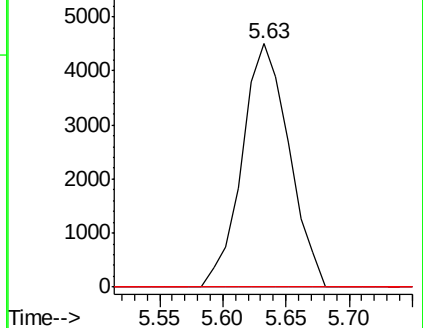
121 0.0 24.4 36.6#

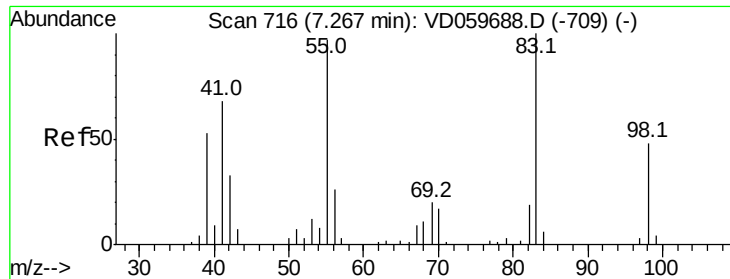


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

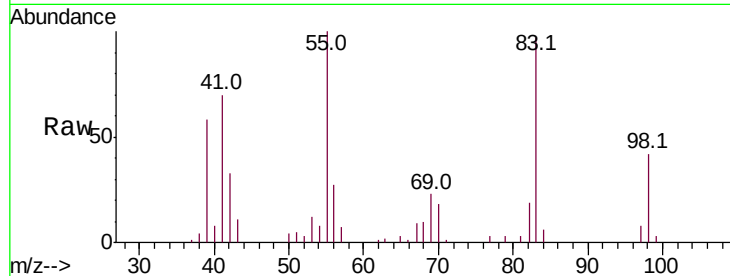




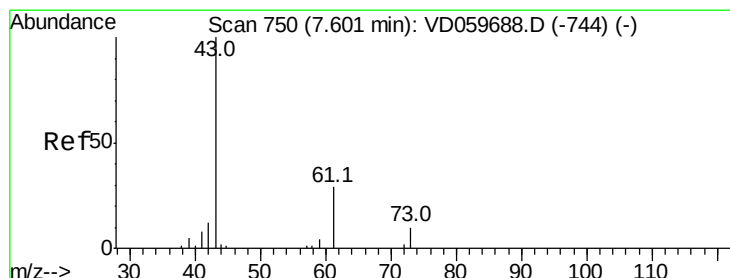
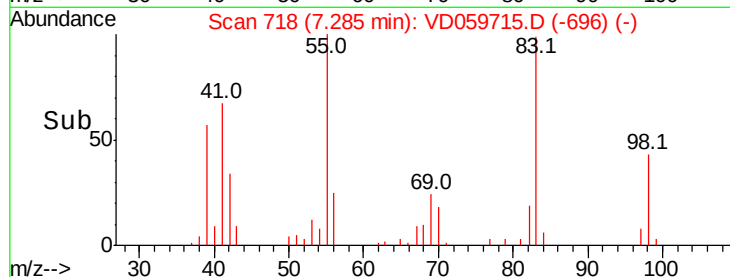
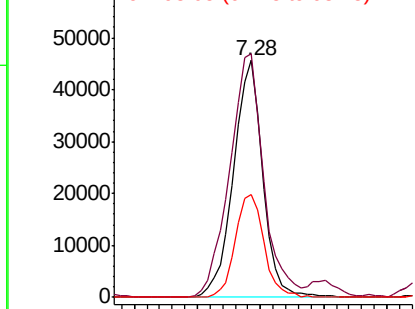
#39
Methylvlcyclohexane
Concen: 97.411 ug/l
RT: 7.28 min Scan# 718
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

Tot Ion: 83 Resp: 146368
Ion Ratio Lower Upper
83 100
55 102.7 77.7 116.5
98 43.6 38.7 58.1

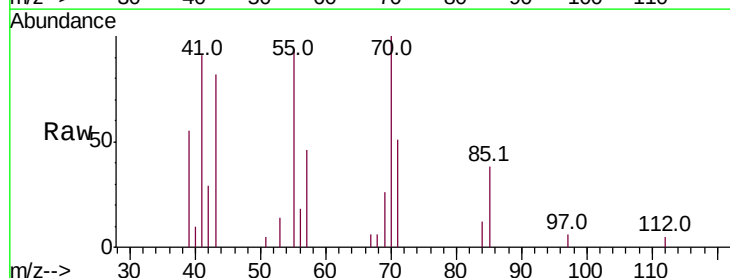


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

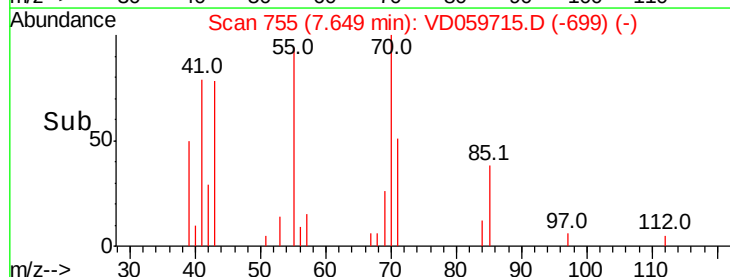
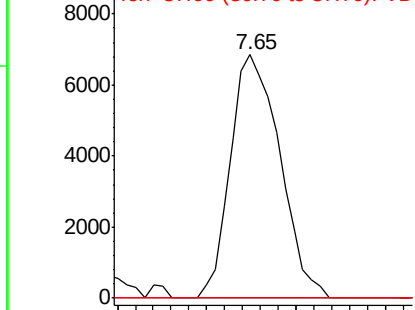


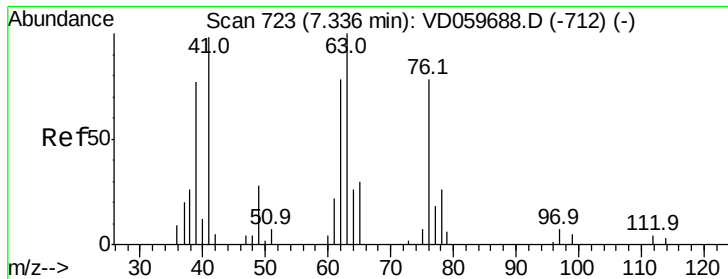
#43
Isopropyl Acetate
Concen: 23.402 ug/l
RT: 7.65 min Scan# 755
Delta R.T. 0.05 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion: 43 Resp: 26405
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: 2.208 ug/l

RT: 7.27 min Scan# 717

Delta R.T. -0.06 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

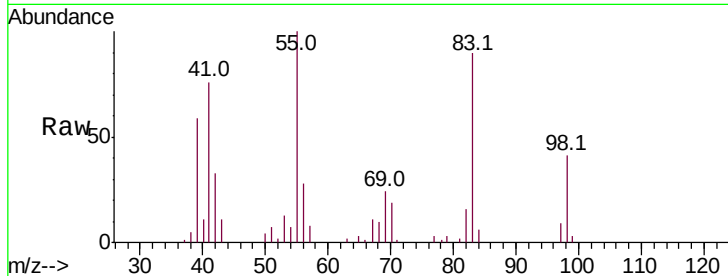
TP-8RE

Tot Ion: 63 Resp: 2010

Ion Ratio Lower Upper

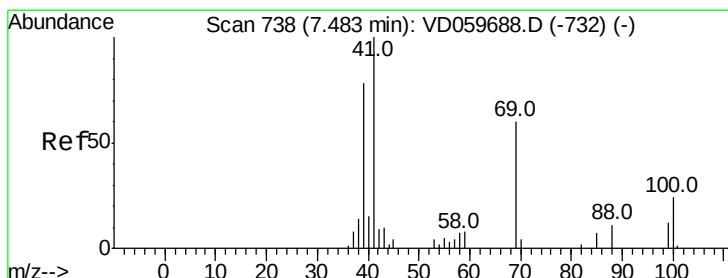
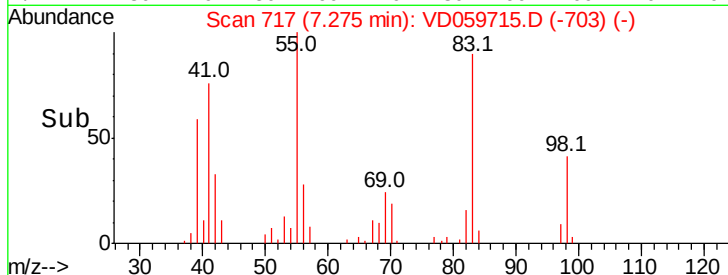
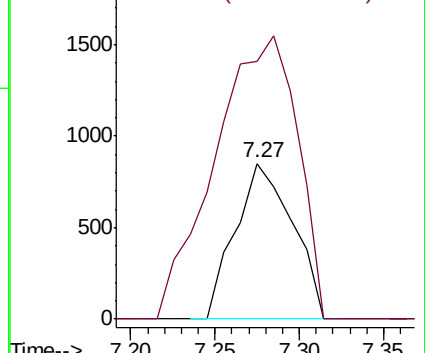
63 100

65 165.7 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: 13.594 ug/l

RT: 7.54 min Scan# 744

Delta R.T. 0.06 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

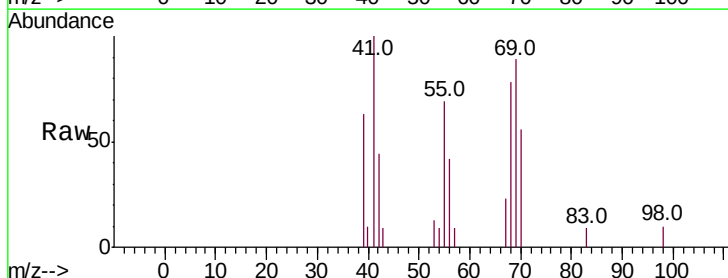
Tgt Ion: 41 Resp: 10124

Ion Ratio Lower Upper

41 100

69 88.7 47.3 70.9#

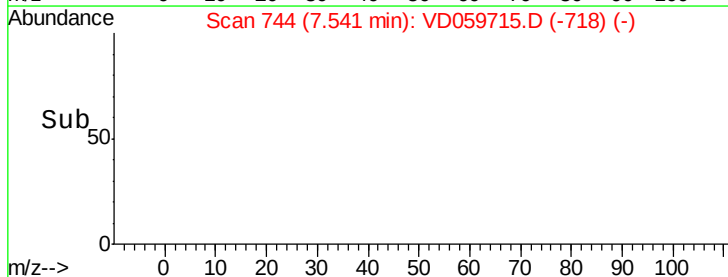
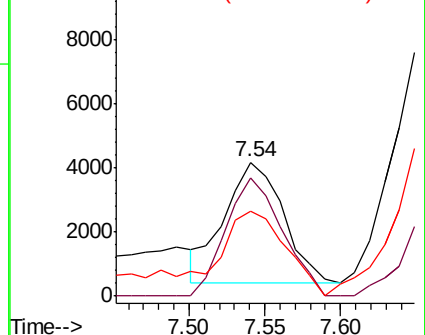
39 63.1 62.9 94.3

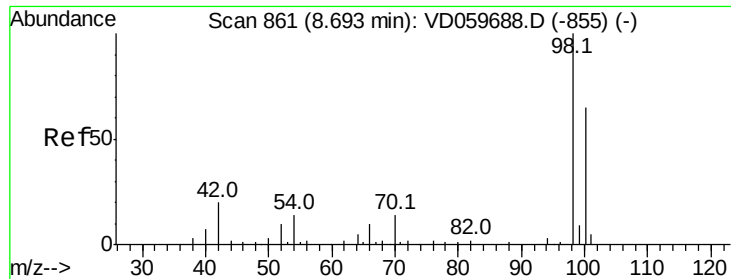


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

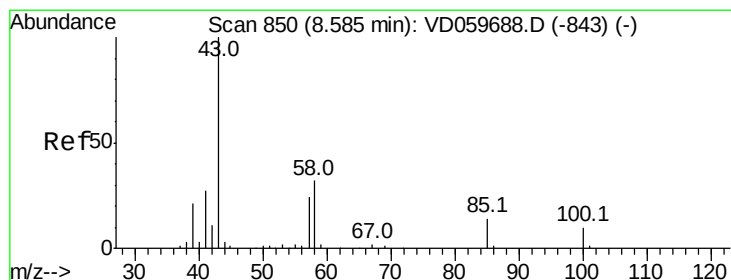
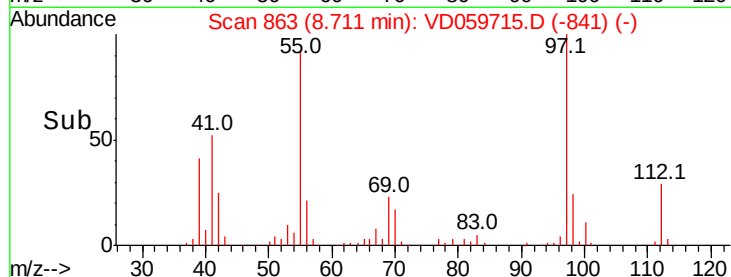
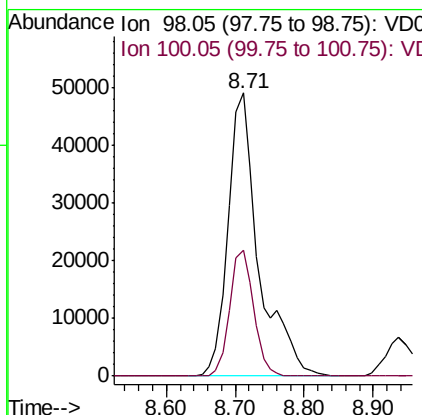
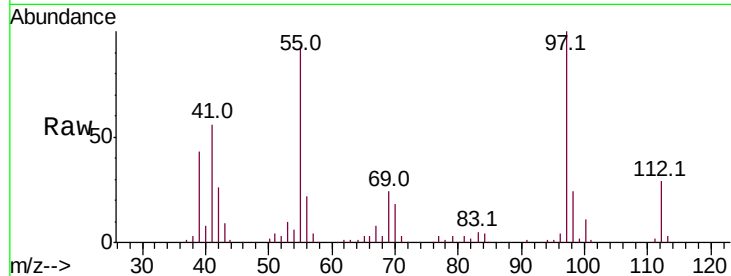




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

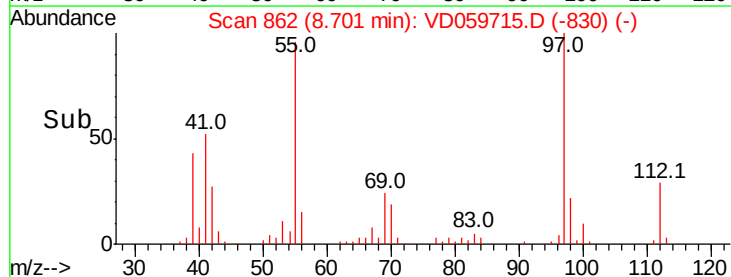
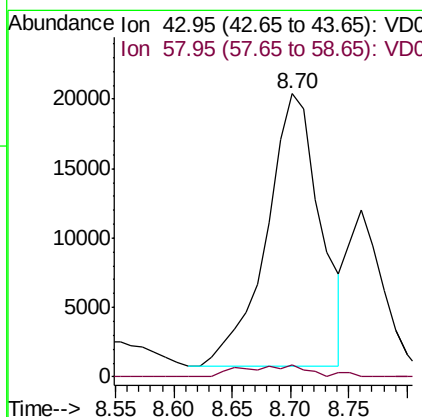
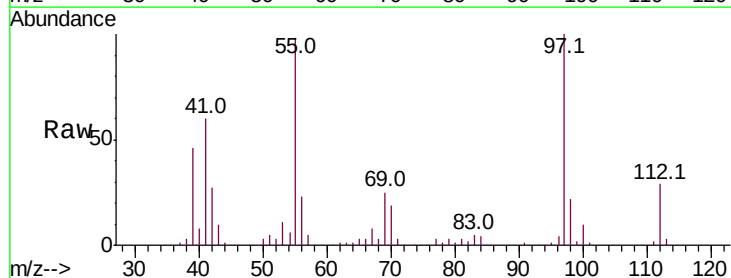
Instrument :
MSVOA_D
ClientSampled :
TP-8RE

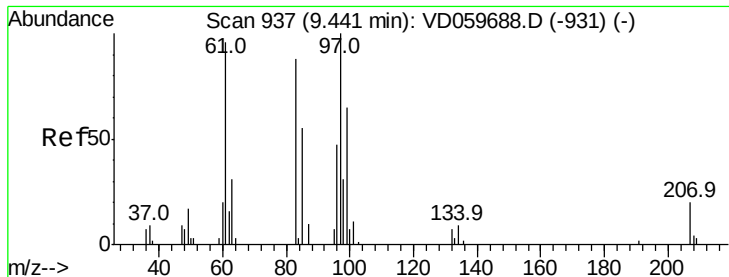
Tot Ion: 98 Resp: 151551
Ion Ratio Lower Upper
98 100
100 44.6 52.5 78.7#



#51
4-Methyl-2-Pentanone
Concen: 76.839 ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.12 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion: 43 Resp: 63228
Ion Ratio Lower Upper
43 100
58 4.2 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 16.024 ug/l

RT: 9.52 min Scan# 945

Delta R.T. 0.08 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

TP-8RE

Tot Ion: 97 Resp: 13538

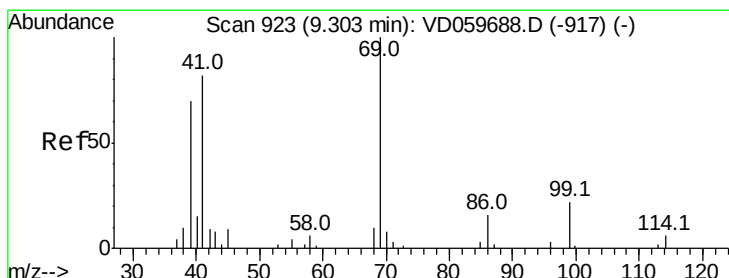
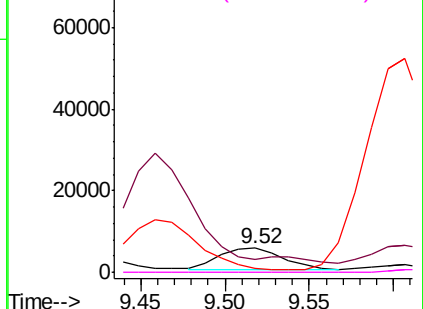
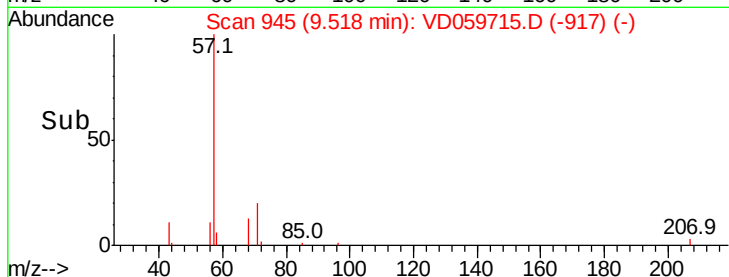
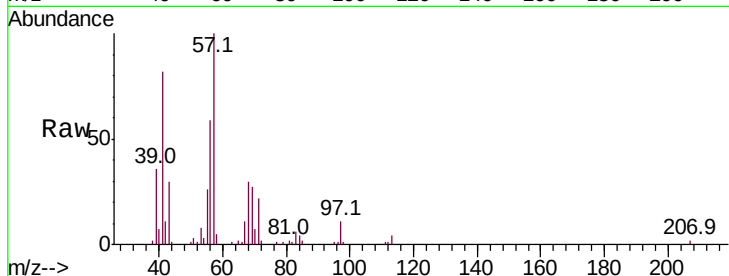
Ion Ratio Lower Upper

97 100

83 54.0 70.8 106.2#

85 15.9 44.1 66.1#

99 0.0 52.2 78.4#



#56

Ethyl methacrylate

Concen: 89.882 ug/l

RT: 9.37 min Scan# 930

Delta R.T. 0.07 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

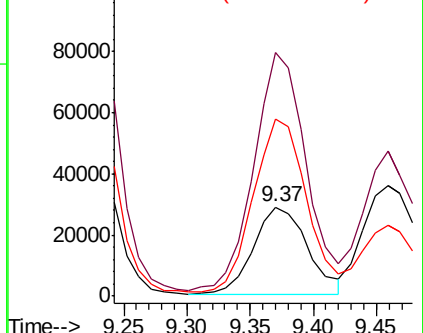
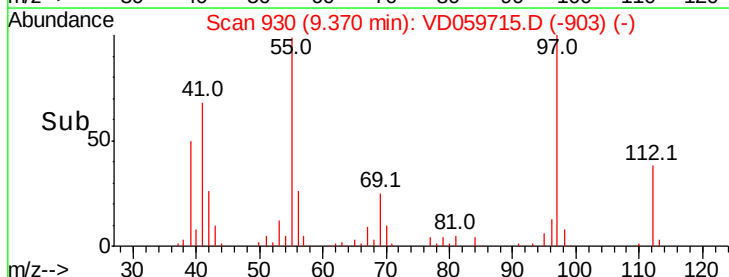
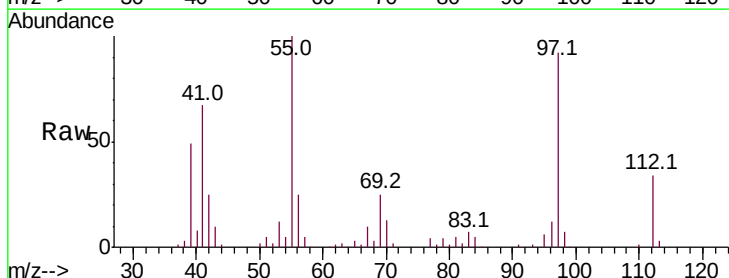
Tgt Ion: 69 Resp: 83783

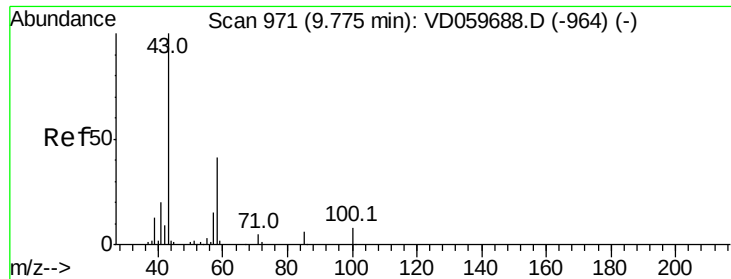
Ion Ratio Lower Upper

69 100

41 273.2 65.7 98.5#

39 199.0 55.8 83.8#





#59

2-Hexanone

Concen: 2798.662 ug/l

RT: 9.76 min Scan# 970

Delta R.T. -0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

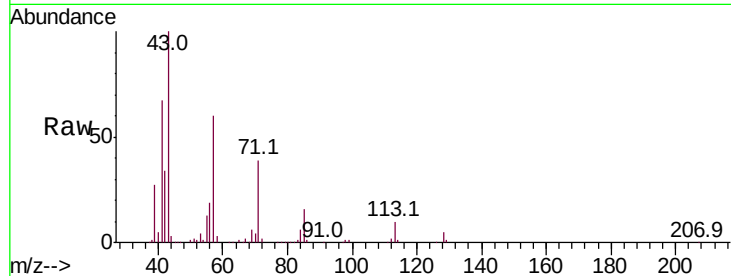
TP-8RE

Tot Ion: 43 Resp: 1729326

Ion Ratio Lower Upper

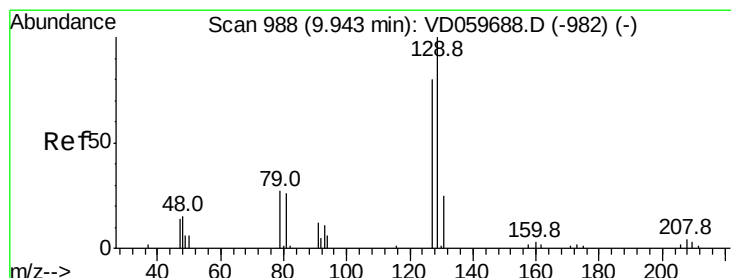
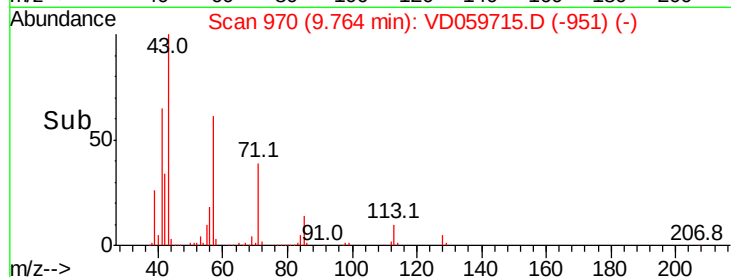
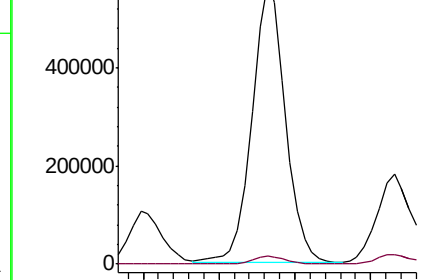
43 100

58 2.8 20.4 61.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#60

Dibromochloromethane

Concen: 1.504 ug/l

RT: 9.94 min Scan# 988

Delta R.T. -0.00 min

Lab File: VD059715.D

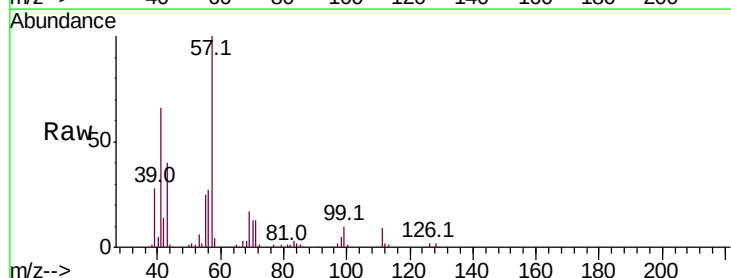
Acq: 8 Aug 2018 16:11

Tgt Ion:129 Resp: 2019

Ion Ratio Lower Upper

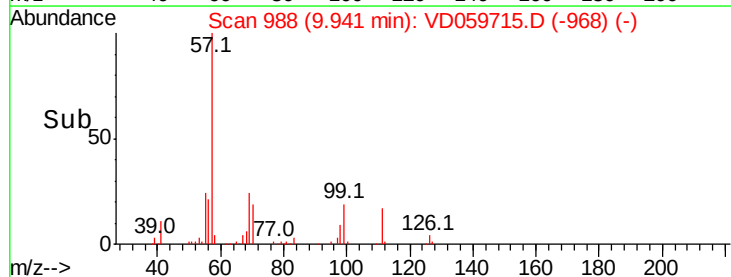
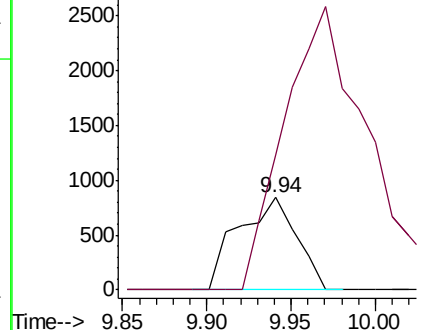
129 100

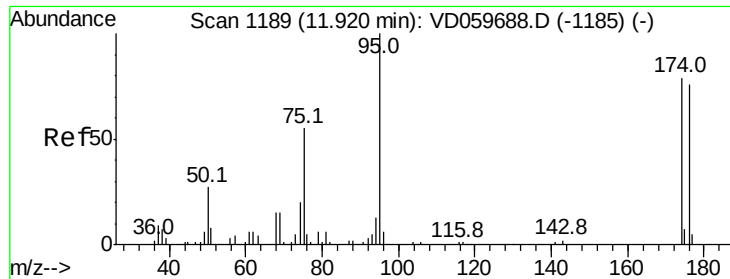
127 147.0 40.0 119.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.94 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampled :

TP-8RE

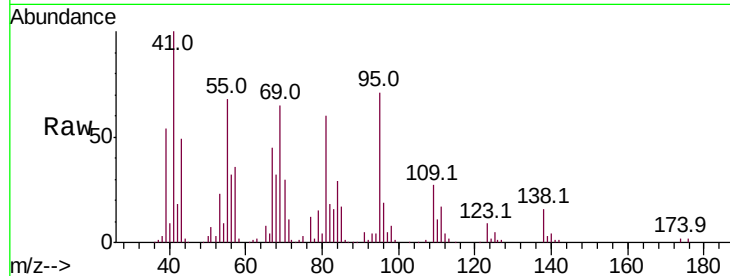
Tot Ion: 95 Resp: 285414

Ion Ratio Lower Upper

95 100

174 3.5 0.0 158.4

176 3.2 0.0 153.0

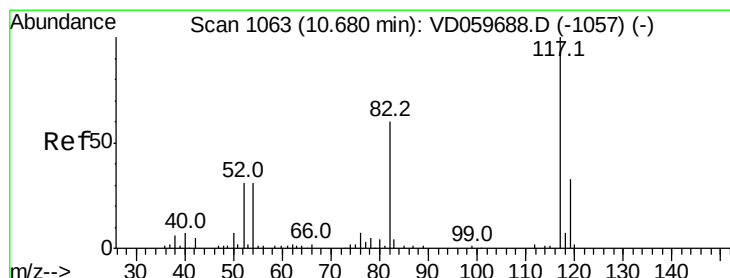
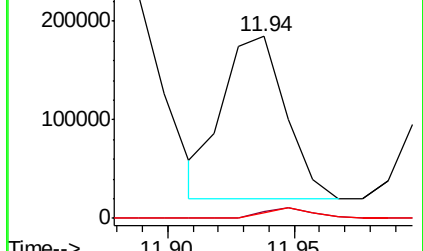
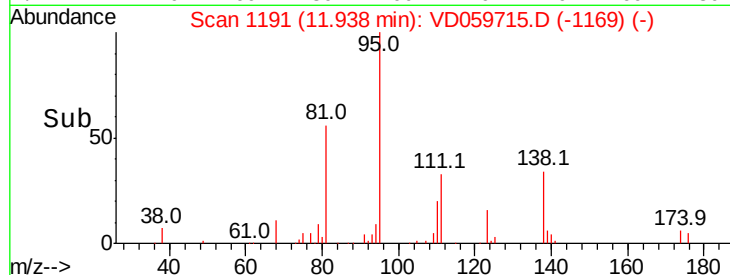


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

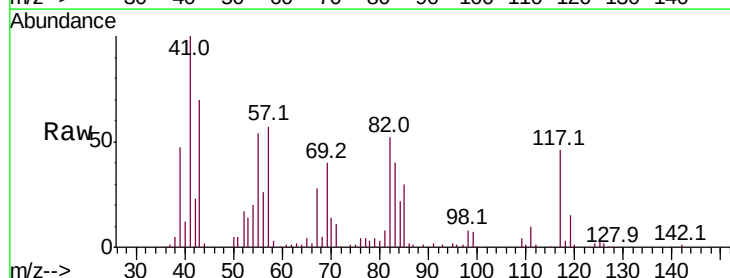
Tgt Ion: 117 Resp: 73177

Ion Ratio Lower Upper

117 100

82 113.9 47.7 71.5#

119 32.6 26.6 40.0

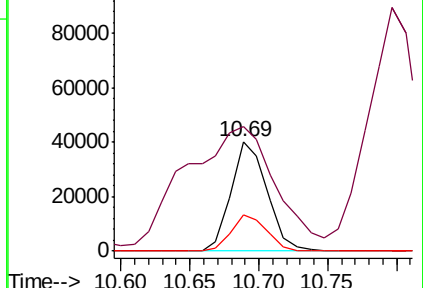
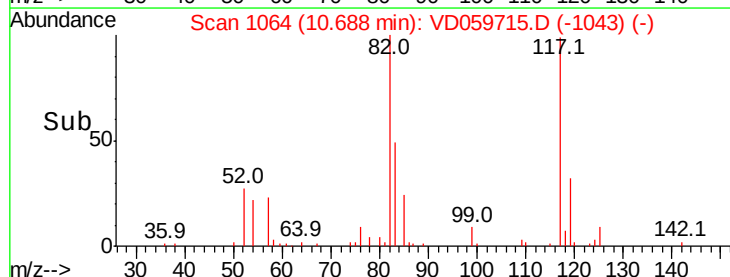


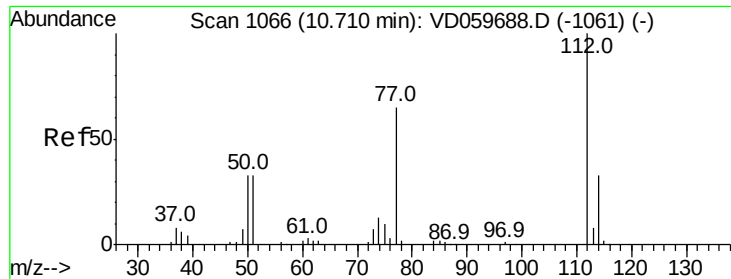
Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->

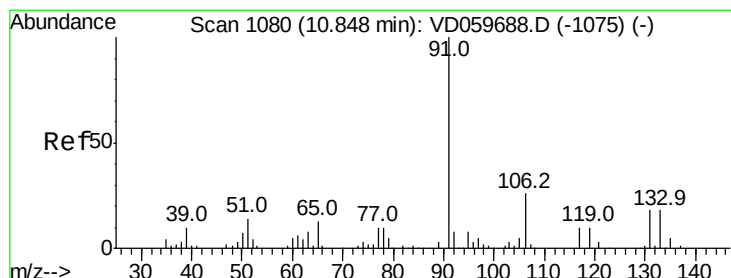
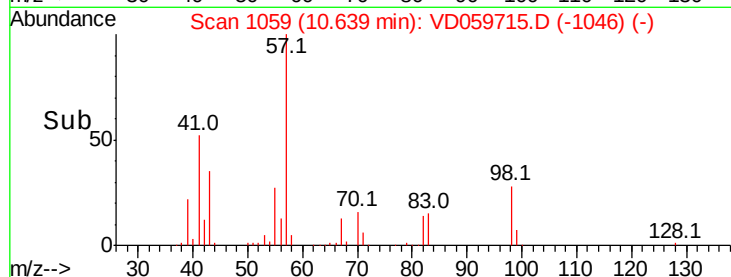
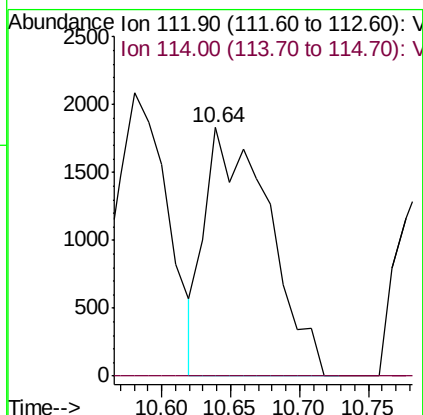
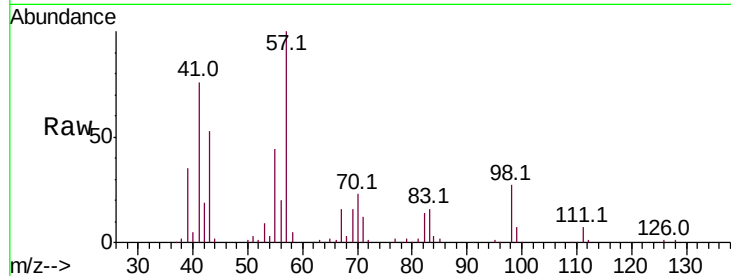




#65
Chlorobenzene
Concen: 3.841 ug/l
RT: 10.64 min Scan# 1059
Delta R.T. -0.07 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

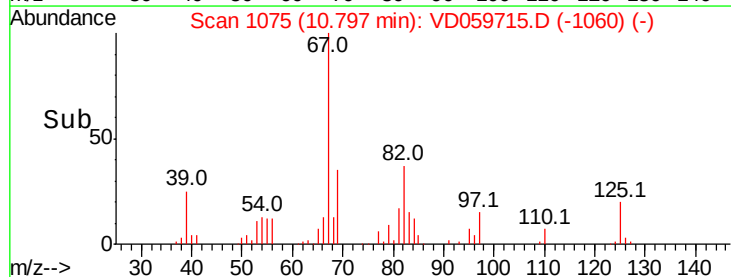
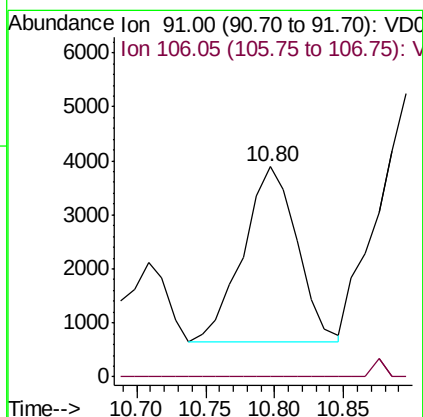
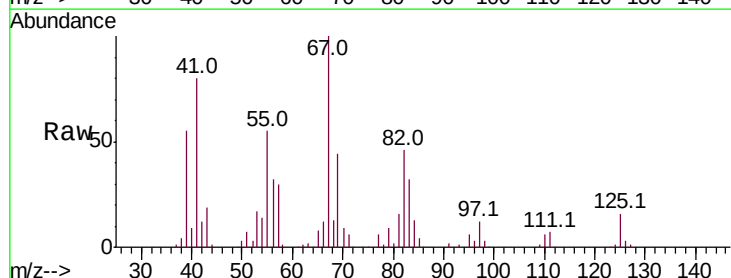
Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

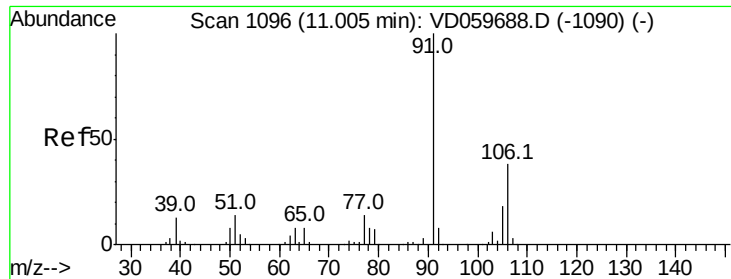
Tot Ion:112 Resp: 5923
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#



#67
Ethyl Benzene
Concen: 3.204 ug/l
RT: 10.80 min Scan# 1075
Delta R.T. -0.05 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion: 91 Resp: 8897
Ion Ratio Lower Upper
91 100
106 0.0 20.9 31.3#

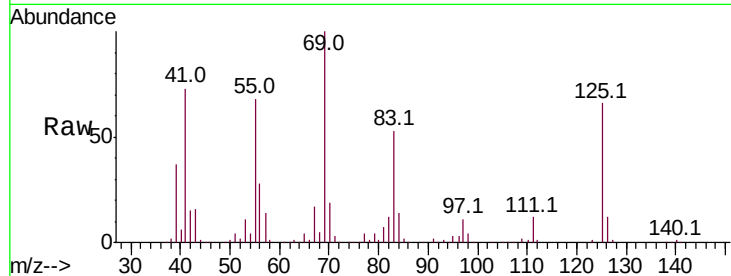




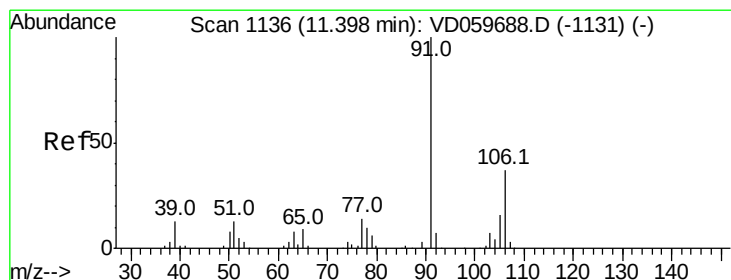
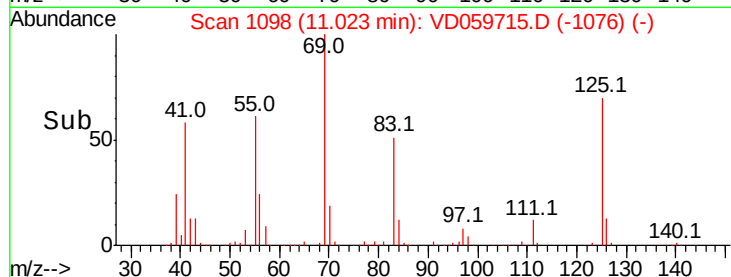
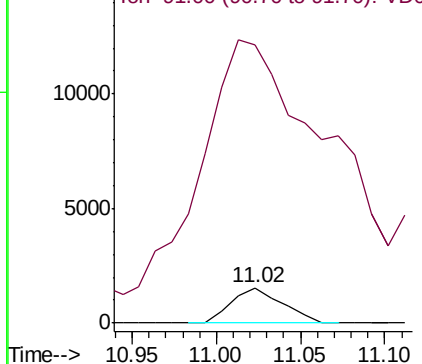
#68
m/p-Xylenes
Concen: 3.622 ug/l
RT: 11.02 min Scan# 1098
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

Tot Ion:106 Resp: 3218
Ion Ratio Lower Upper
106 100
91 778.4 209.7 314.5#

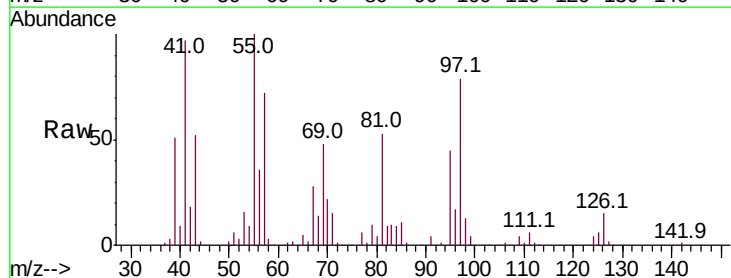


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

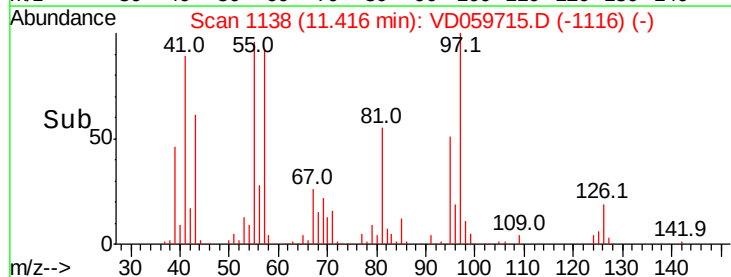
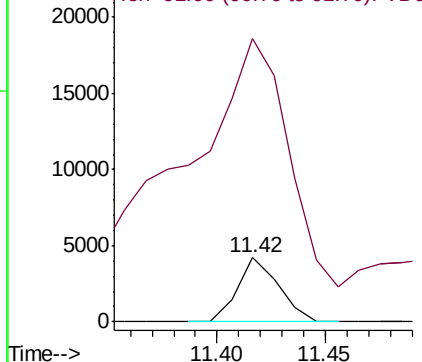


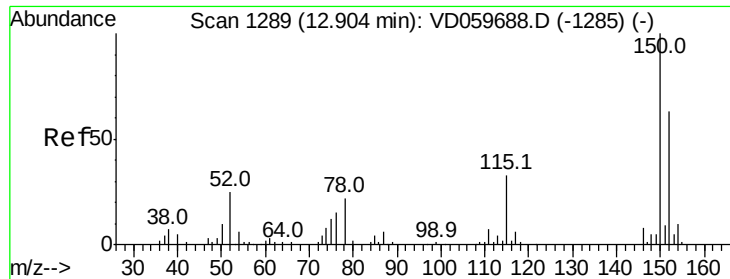
#69
o-Xylene
Concen: 6.435 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. 0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion:106 Resp: 5558
Ion Ratio Lower Upper
106 100
91 442.0 135.2 405.6#



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

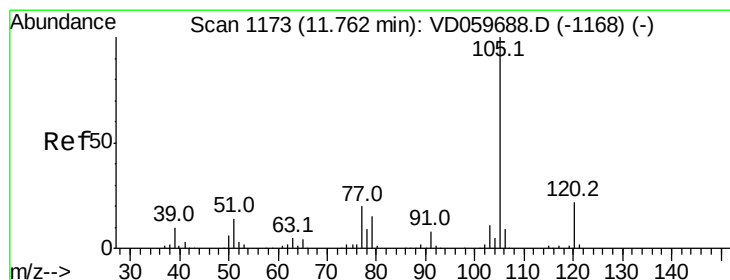
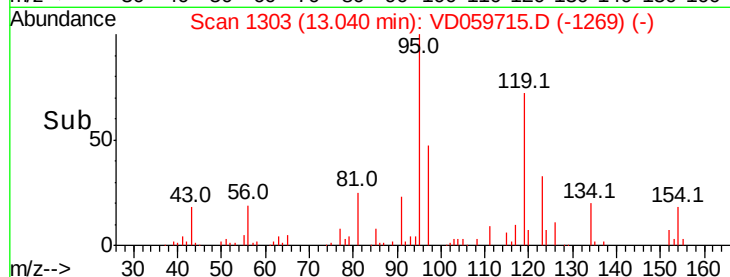
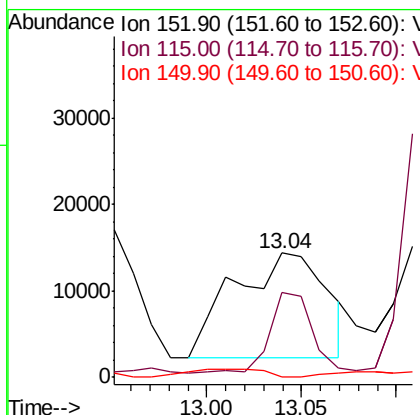
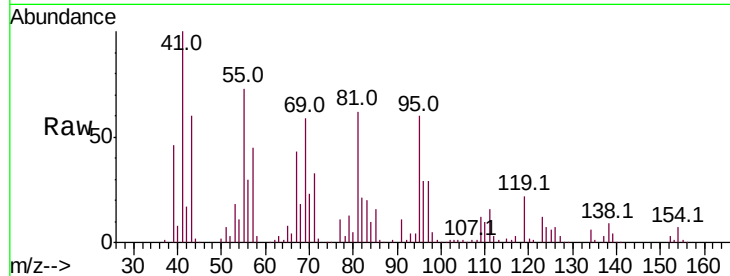




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.04 min Scan# 1303
 Delta R.T. 0.14 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

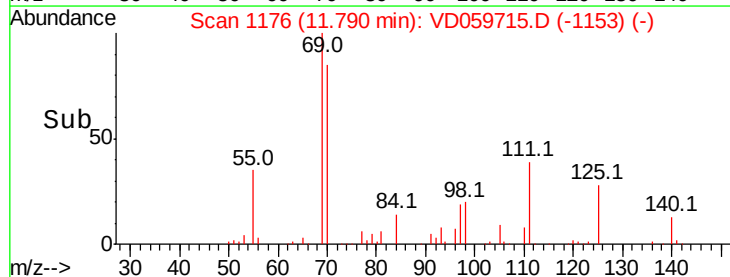
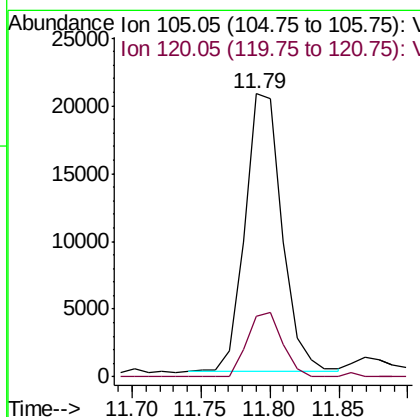
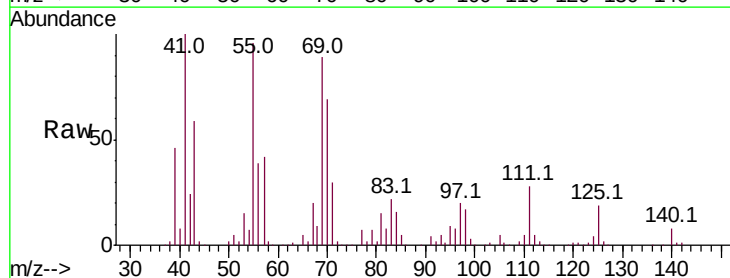
Instrument :
 MSVOA_D
 ClientSampled :
 TP-8RE

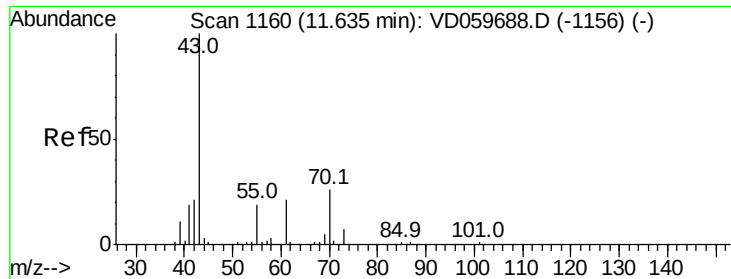
Tot Ion:152 Resp: 41013
 Ion Ratio Lower Upper
 152 100
 115 68.4 28.8 86.4
 150 0.0 0.0 318.0



#73
 Isopropylbenzene
 Concen: 13.897 ug/l
 RT: 11.79 min Scan# 1176
 Delta R.T. 0.03 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion:105 Resp: 38303
 Ion Ratio Lower Upper
 105 100
 120 21.2 10.8 32.3





#74

N-amvl acetate

Concen: 3166.764 ug/l

RT: 11.64 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

TP-8RE

Tot Ion: 43 Resp: 2792439

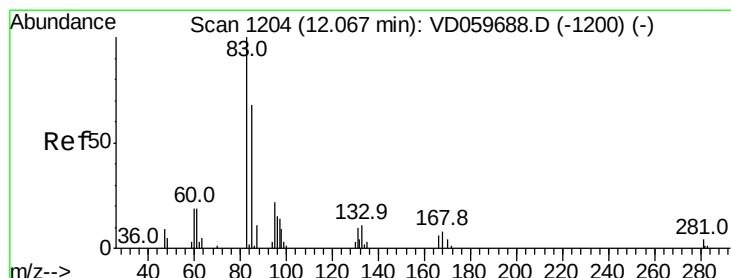
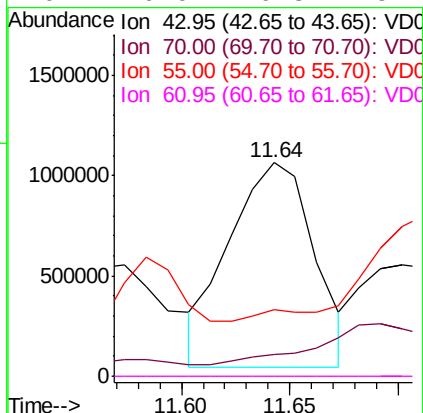
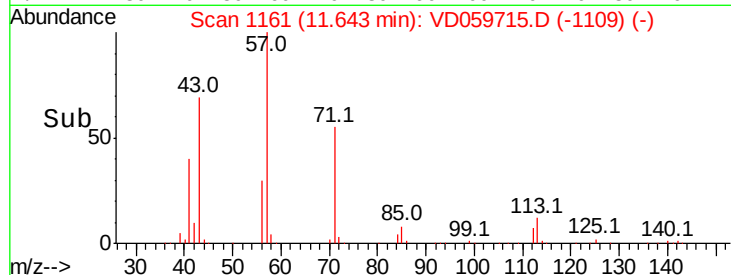
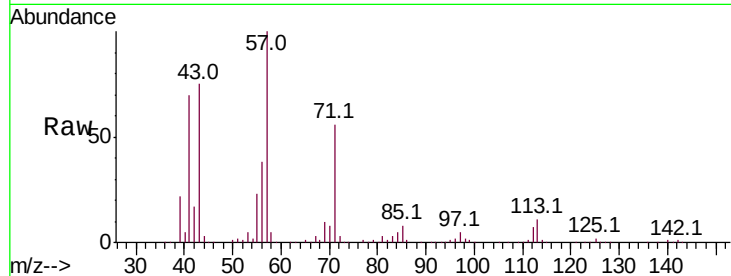
Ion Ratio Lower Upper

43 100

70 10.3 21.0 31.6#

55 30.9 15.4 23.2#

61 0.0 16.8 25.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 270.324 ug/l

RT: 12.03 min Scan# 1200

Delta R.T. -0.04 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

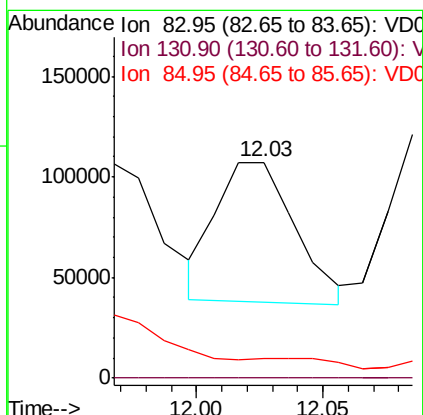
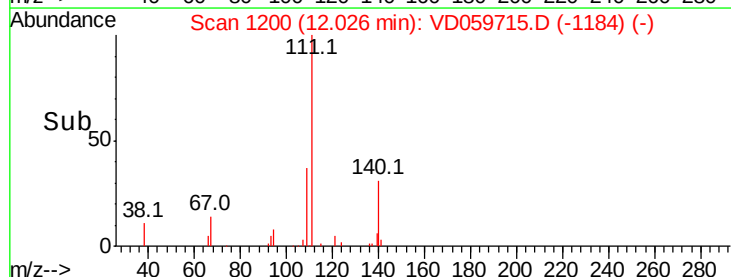
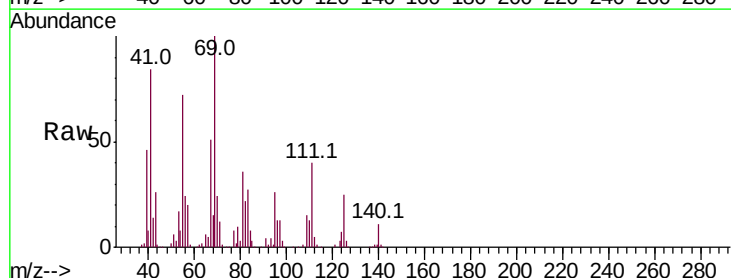
Tgt Ion: 83 Resp: 149512

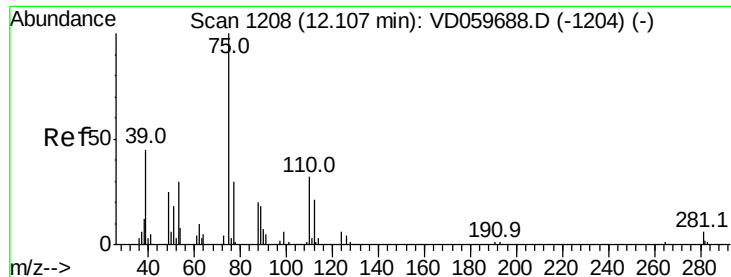
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 9.3 34.1 102.2#

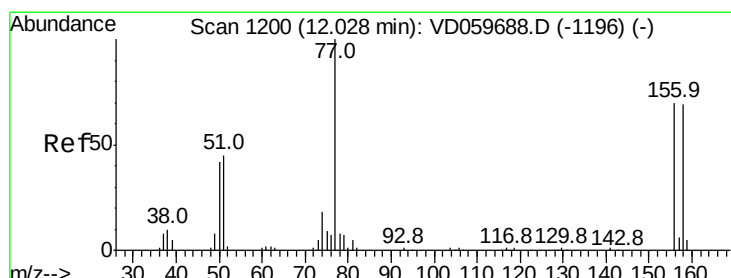
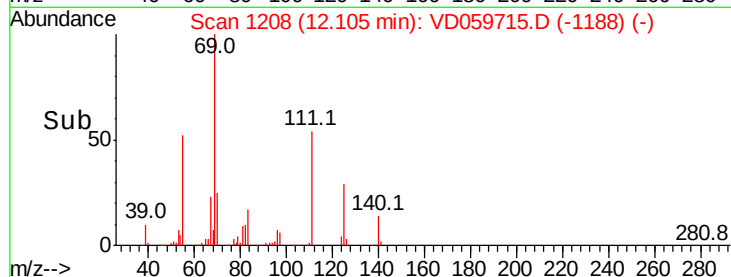
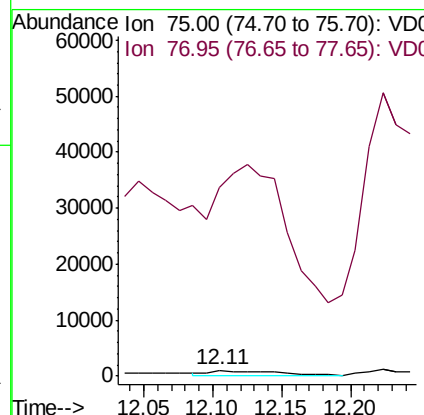
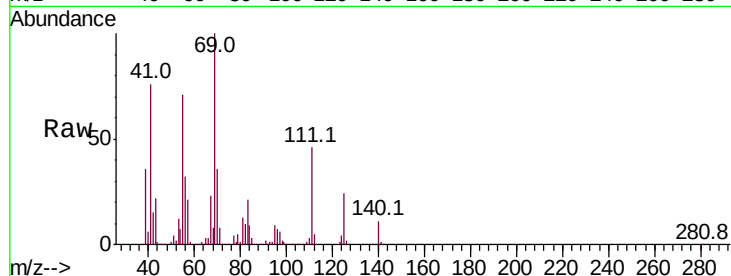




#76
 1,2,3-Trichloropropane
 Concen: 6.243 ug/l
 RT: 12.11 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

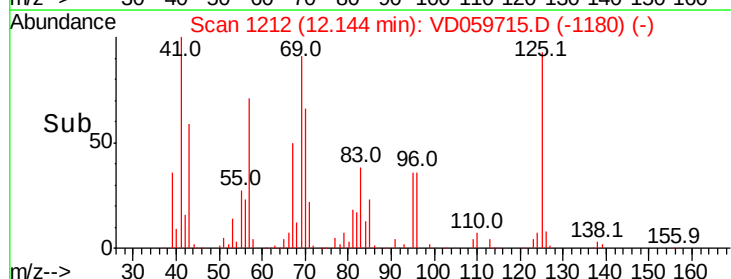
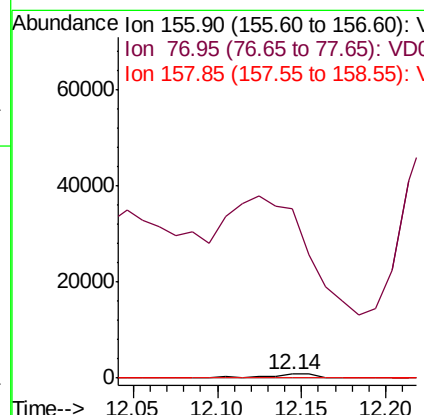
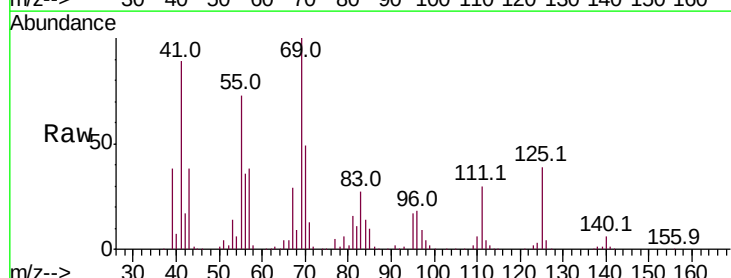
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

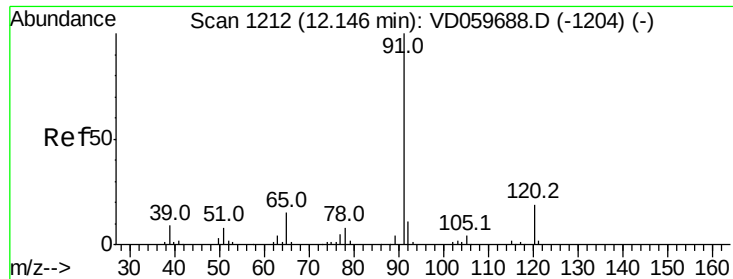
Tot Ion: 75 Resp: 3958
 Ion Ratio Lower Upper
 75 100
 77 3247.0 15.5 46.5#



#77
 Bromobenzene
 Concen: 2.106 ug/l
 RT: 12.14 min Scan# 1212
 Delta R.T. 0.12 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion: 156 Resp: 1692
 Ion Ratio Lower Upper
 156 100
 77 4108.3 71.2 213.6#
 158 0.0 49.1 147.3#





#78

n-propylbenzene

Concen: 6.597 ug/l

RT: 12.16 min Scan# 1214

Delta R.T. 0.02 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

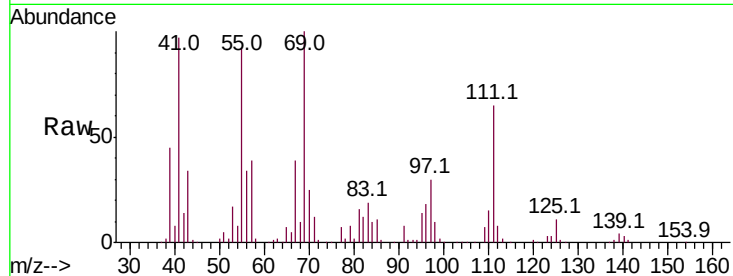
TP-8RE

Tot Ion: 91 Resp: 22533

Ion Ratio Lower Upper

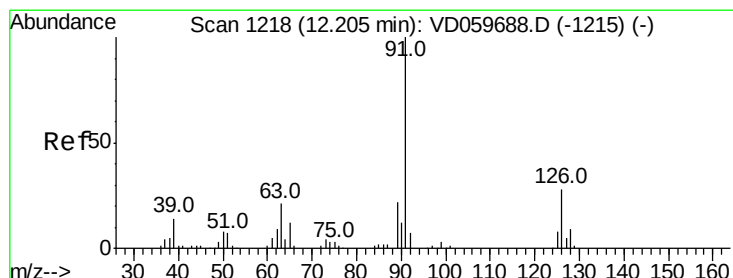
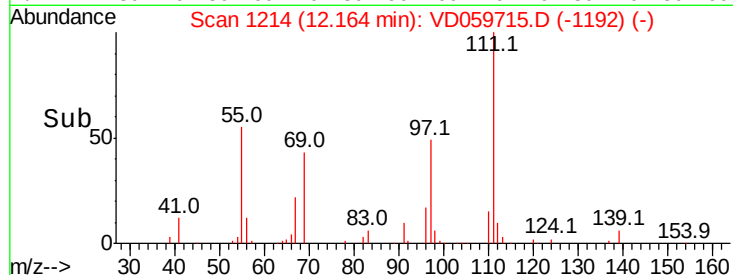
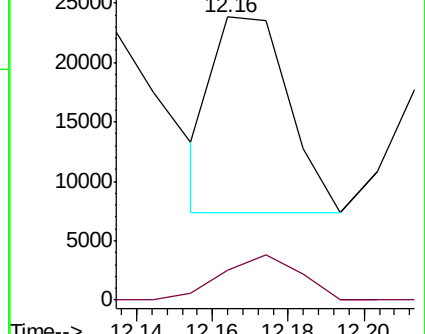
91 100

120 10.4 9.5 28.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 10.923 ug/l

RT: 12.16 min Scan# 1214

Delta R.T. -0.04 min

Lab File: VD059715.D

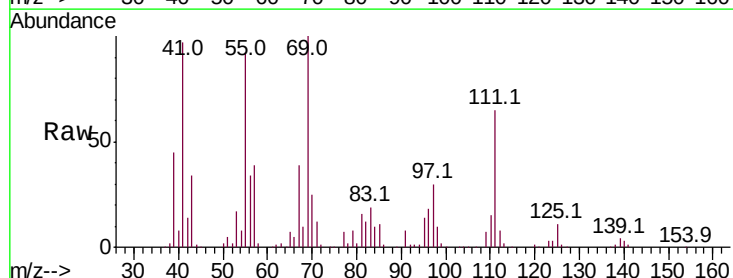
Acq: 8 Aug 2018 16:11

Tgt Ion: 91 Resp: 22533

Ion Ratio Lower Upper

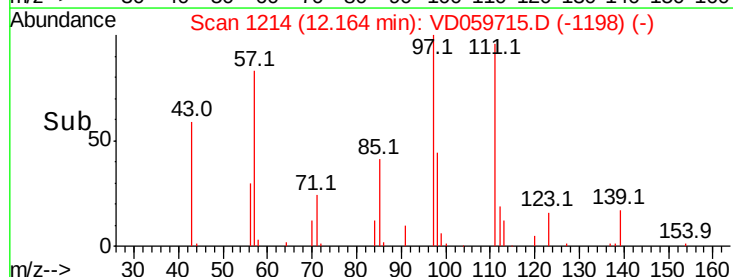
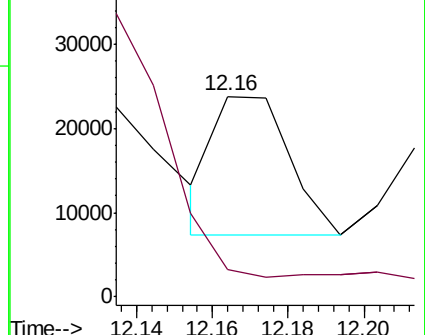
91 100

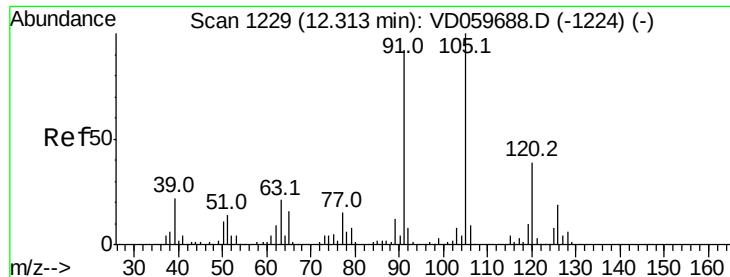
126 13.7 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

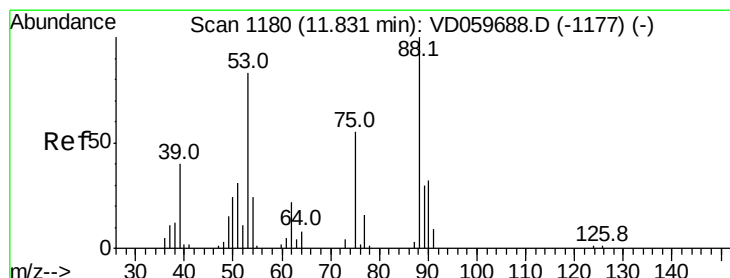
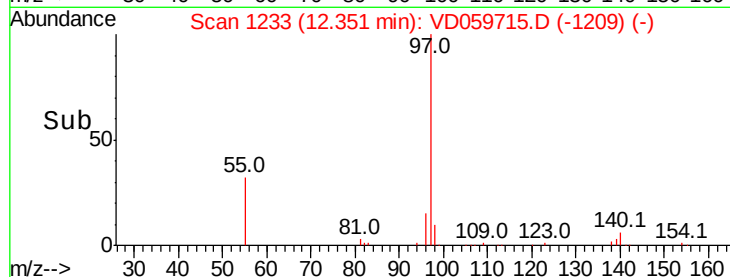
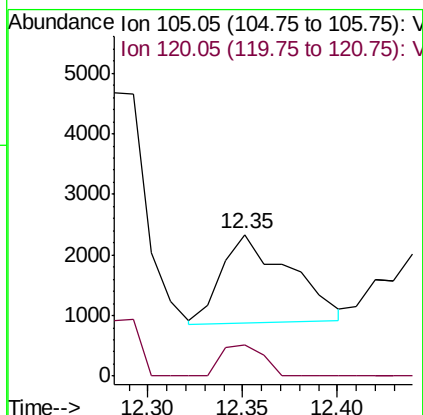
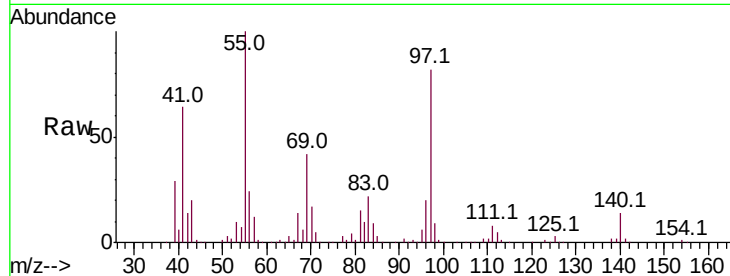




#80
 1,3,5-Trimethylbenzene
 Concen: 1.577 ug/l
 RT: 12.35 min Scan# 1233
 Delta R.T. 0.04 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

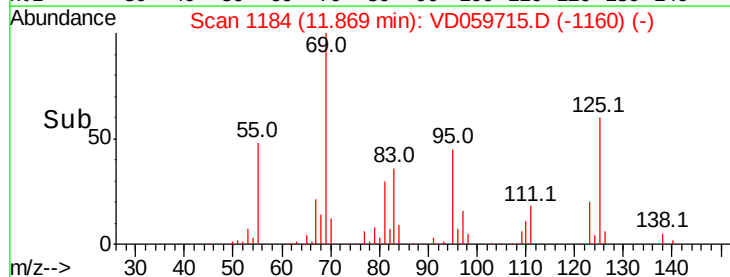
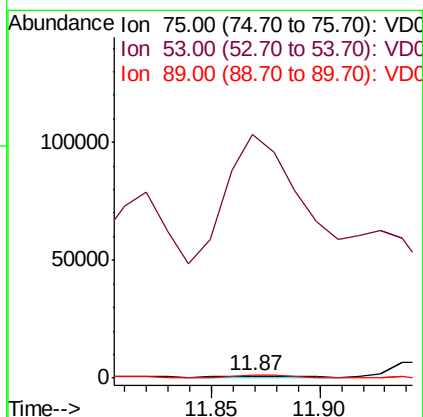
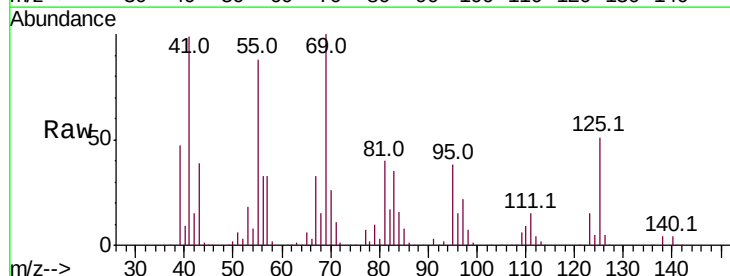
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

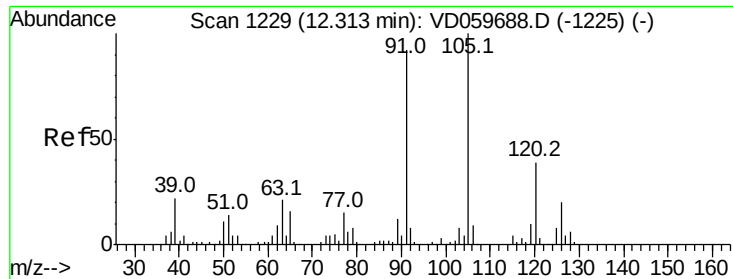
Tot Ion:105 Resp: 3621
 Ion Ratio Lower Upper
 105 100
 120 22.2 19.7 59.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 15.963 ug/l
 RT: 11.87 min Scan# 1184
 Delta R.T. 0.04 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion: 75 Resp: 2470
 Ion Ratio Lower Upper
 75 100
 53 12631.8 120.5 180.7#
 89 128.6 44.4 66.6#

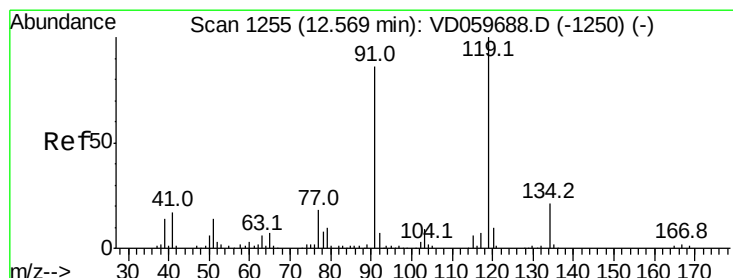
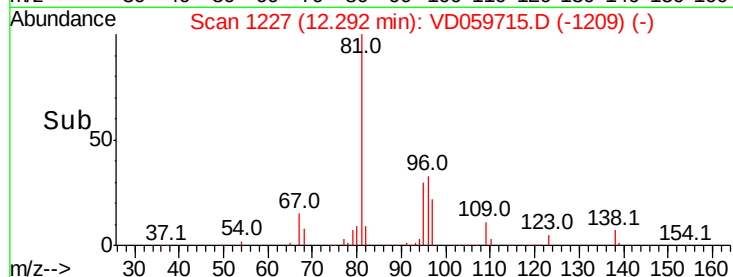
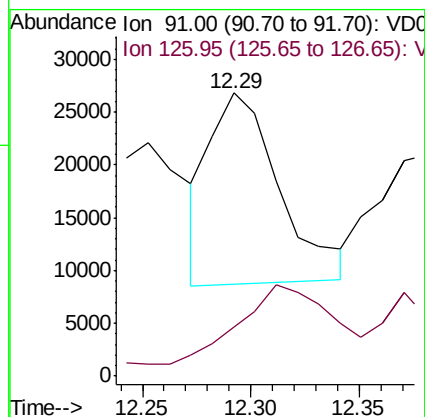
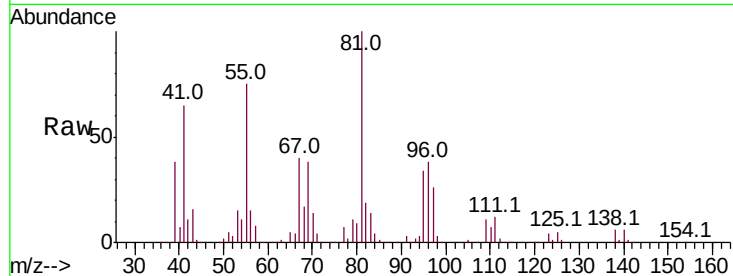




#82
4-Chlorotoluene
Concen: 16.747 ug/l
RT: 12.29 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

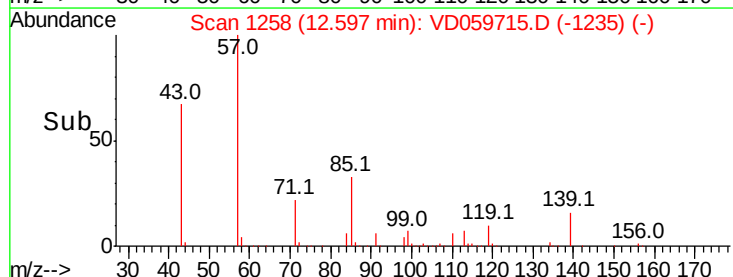
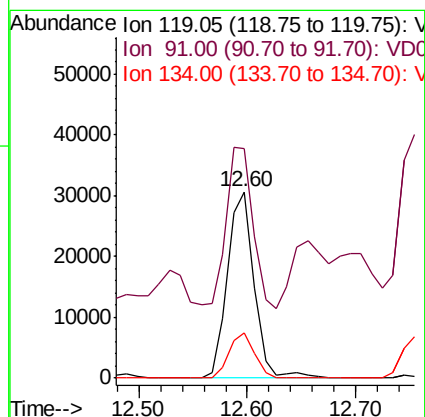
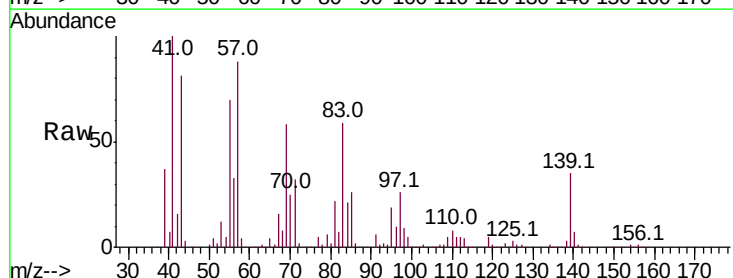
Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

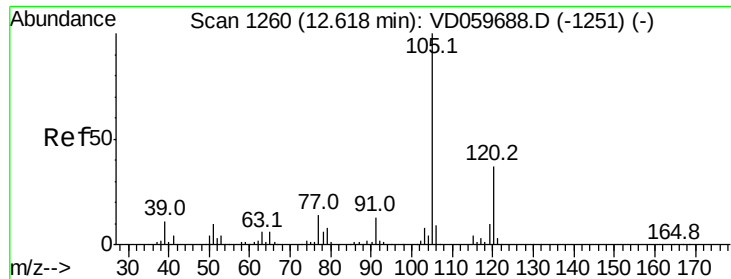
Tot Ion: 91 Resp: 40441
Ion Ratio Lower Upper
91 100
126 17.4 10.7 31.9



#83
tert-Butylbenzene
Concen: 20.422 ug/l
RT: 12.60 min Scan# 1258
Delta R.T. 0.03 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion:119 Resp: 52479
Ion Ratio Lower Upper
119 100
91 123.3 43.3 129.9
134 24.0 10.5 31.6

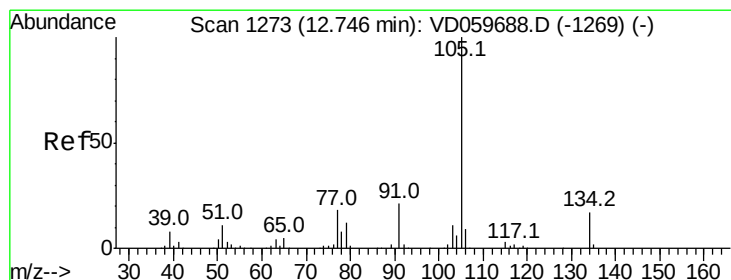
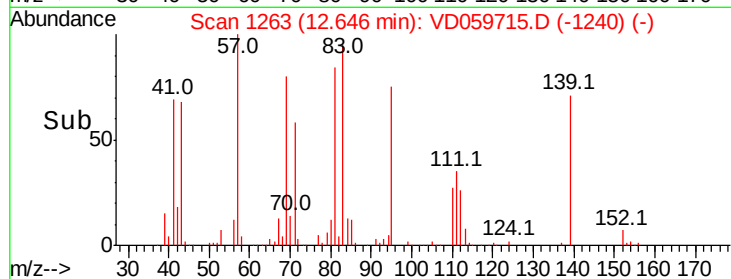
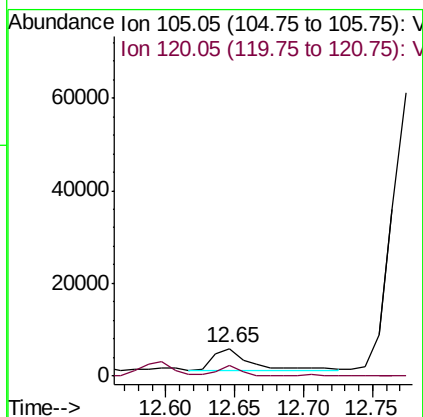
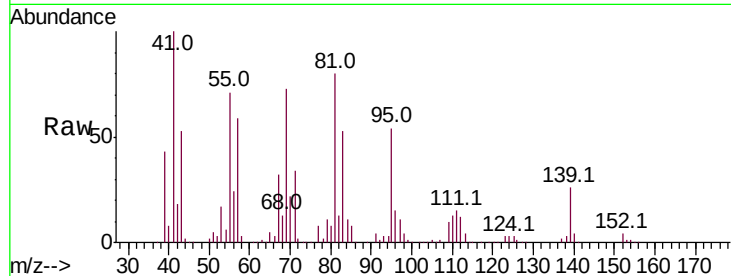




#84
 1,2,4-Trimethylbenzene
 Concen: 3.457 ug/l
 RT: 12.65 min Scan# 1263
 Delta R.T. 0.03 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

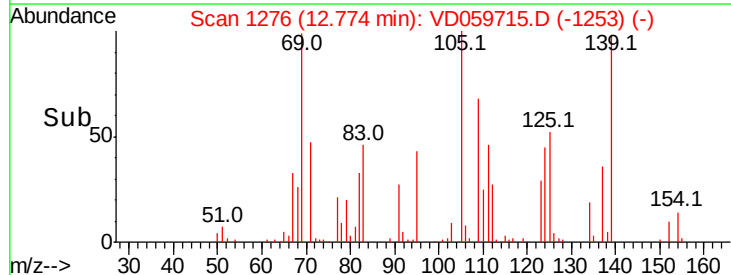
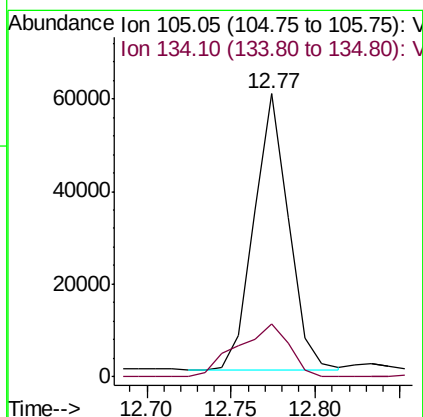
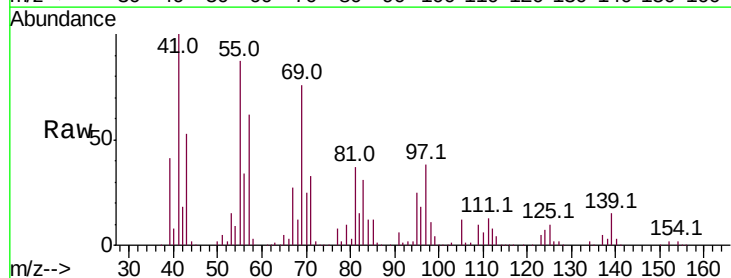
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8RE

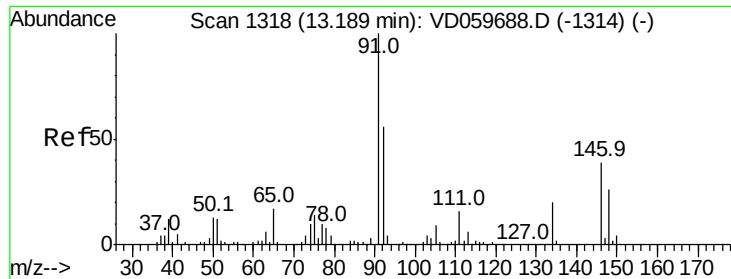
Tot Ion:105 Resp: 8411
 Ion Ratio Lower Upper
 105 100
 120 36.4 18.7 56.1



#85
 sec-Butylbenzene
 Concen: 29.895 ug/l
 RT: 12.77 min Scan# 1276
 Delta R.T. 0.03 min
 Lab File: VD059715.D
 Acq: 8 Aug 2018 16:11

Tgt Ion:105 Resp: 85314
 Ion Ratio Lower Upper
 105 100
 134 18.8 8.3 24.9

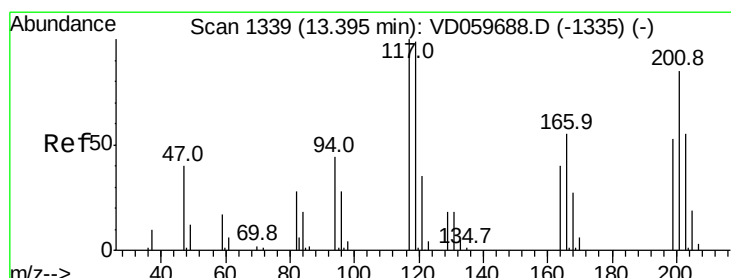
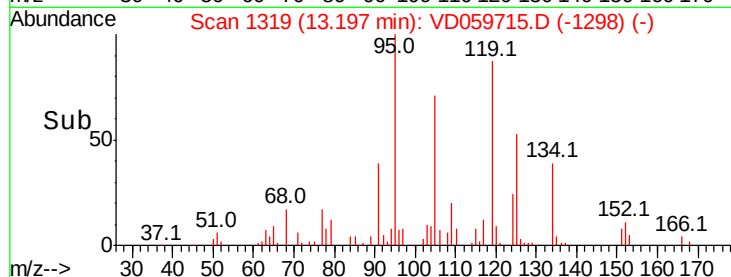
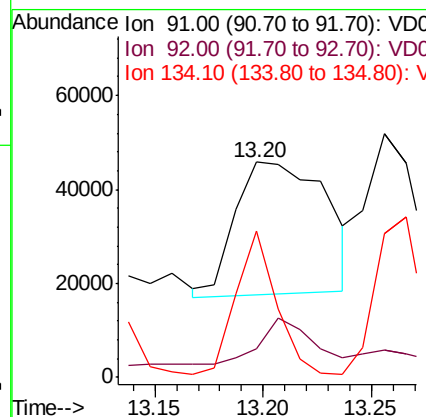
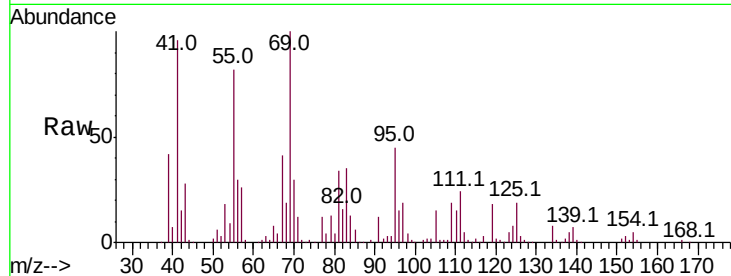




#89
n-Butylbenzene
Concen: 33.259 ug/l
RT: 13.20 min Scan# 1319
Delta R.T. 0.01 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

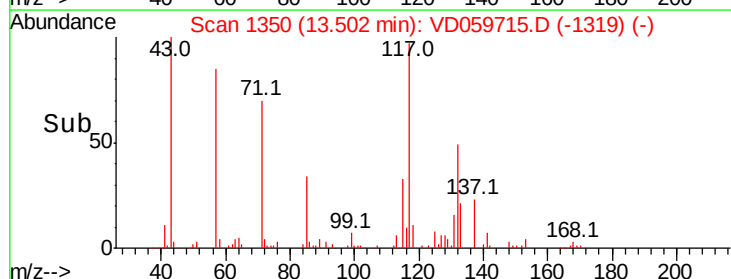
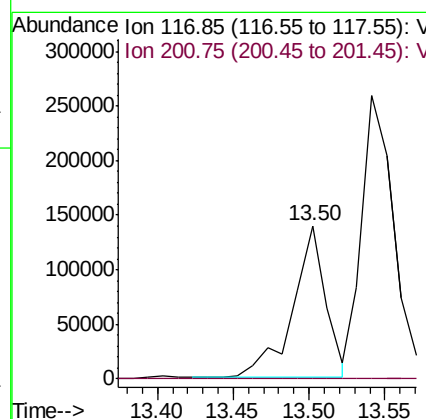
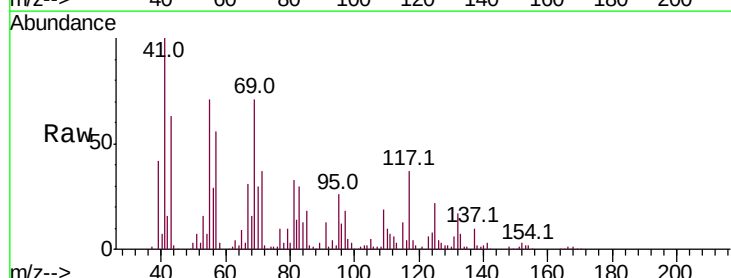
Instrument :
MSVOA_D
ClientSampled :
TP-8RE

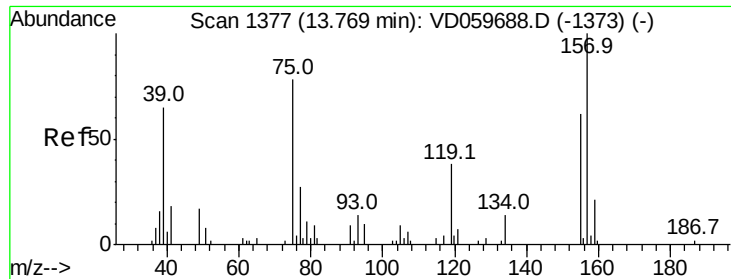
Tot Ion: 91 Resp: 82073
Ion Ratio Lower Upper
91 100
92 13.2 28.2 84.6#
134 68.2 9.8 29.5#



#90
Hexachloroethane
Concen: 338.191 ug/l
RT: 13.50 min Scan# 1350
Delta R.T. 0.11 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Tgt Ion: 117 Resp: 213321
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.510 ug/l

RT: 13.76 min Scan# 1376

Delta R.T. -0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

Instrument :

MSVOA_D

ClientSampled :

TP-8RE

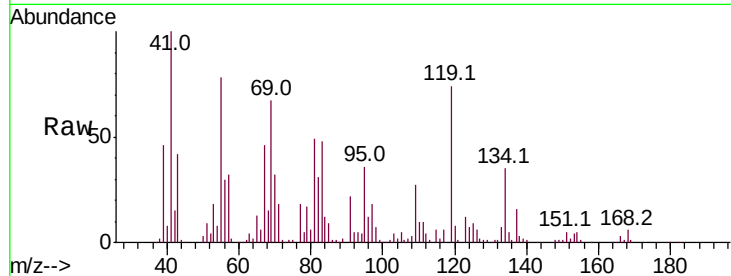
Tot Ion: 75 Resp: 5835

Ion Ratio Lower Upper

75 100

155 65.6 40.0 119.9

157 0.0 64.3 192.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

10000

8000

6000

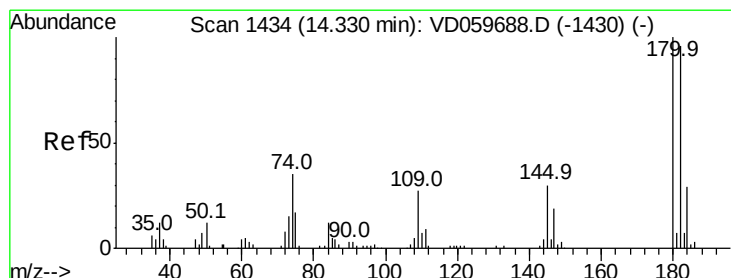
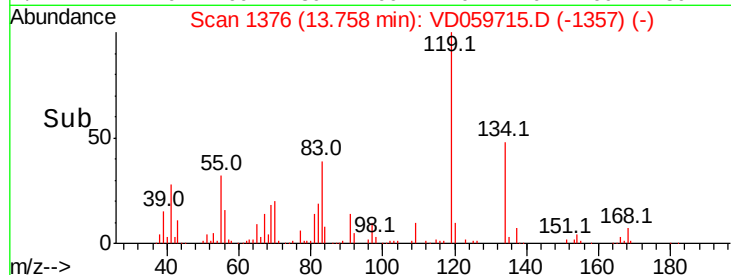
4000

2000

0

13.65 13.70 13.75 13.80

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.069 ug/l

RT: 14.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VD059715.D

Acq: 8 Aug 2018 16:11

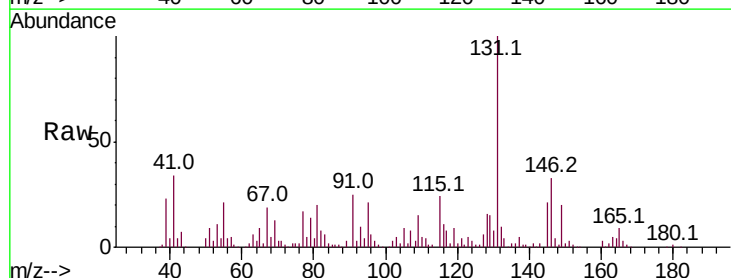
Tgt Ion:180 Resp: 1123

Ion Ratio Lower Upper

180 100

182 18.7 48.0 144.0#

145 1834.8 14.8 44.4#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

80000

60000

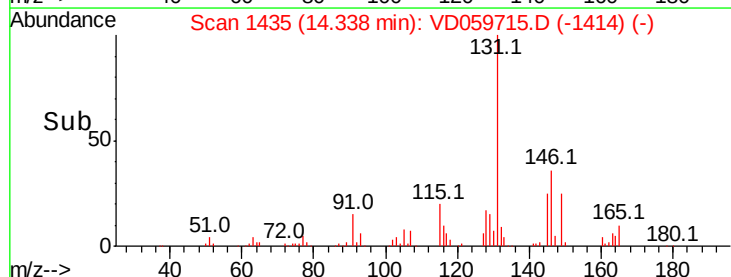
40000

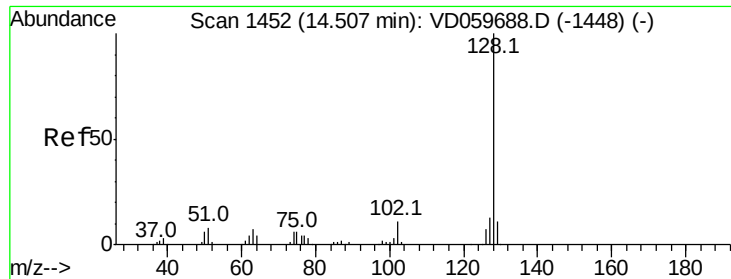
20000

0

14.30 14.35

Time-->





#95
Naphthalene
Concen: 4.534 ug/l
RT: 14.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VD059715.D
Acq: 8 Aug 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
TP-8RE

Tot Ion:128 Resp: 7053
Ion Ratio Lower Upper
128 100
127 39.9 10.6 16.0#
129 90.2 8.8 13.2#

