

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003982.D
 Acq On : 17 Jul 2018 14:00
 Operator : VA/AP
 Sample : J3975-03RE
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6RE

Quant Time: Jul 17 14:19:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	30511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	13843	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	7.88	113	12894	65.86	ug/l	0.00
Spiked Amount			Recovery	=	131.72%	
50) Toluene-d8	10.33	98	34386	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.63	95	7421	27.09	ug/l	0.00
Spiked Amount			Recovery	=	54.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	33	1.64	ug/l #	72
16) Acetone	4.13	43	21447	306.14	ug/l	91
17) Carbon Disulfide	4.36	76	3168	4.00	ug/l #	92
18) Methyl Acetate	4.68	43	264	1.57	ug/l #	54
20) Methylene Chloride	4.90	84	1327	Below Cal	#	73
25) 2-Butanone	7.18	43	4834	51.28	ug/l	93
26) 2,2-Dichloropropane	7.14	77	1018	3.44	ug/l #	52
31) Cyclohexane	7.95	56	1703	3.52	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	2474	7.88	ug/l #	48
38) Carbon Tetrachloride	7.95	117	2888	9.85	ug/l #	18
39) Methylcyclohexane	9.34	83	4103	11.16	ug/l	90
48) Methyl methacrylate	9.33	41	2915	21.28	ug/l #	69
52) Toluene	10.40	92	793	1.47	ug/l #	70
55) 1,1,2-Trichloroethane	10.77	97	1485	9.15	ug/l #	20
56) Ethyl methacrylate	10.67	69	954	6.82	ug/l #	1
61) 1,2-Dibromoethane	11.24	107	387	2.51	ug/l #	1
67) Ethyl Benzene	11.74	91	780	1.19	ug/l #	74
68) m/p-Xylenes	11.84	106	630	2.52	ug/l #	36
69) o-Xylene	12.17	106	896	3.86	ug/l	55
73) Isopropylbenzene	12.47	105	1281	3.18	ug/l	92
74) N-amyl acetate	12.26	43	5489	52.23	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.68	83	765	9.81	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	3603	63.58	ug/l #	100
78) n-propylbenzene	12.81	91	1640	3.31	ug/l	85
79) 2-Chlorotoluene	12.95	91	707	2.53	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	766	2.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	3603	140.64	ug/l #	17
82) 4-Chlorotoluene	12.95	91	707	2.36	ug/l	93
83) tert-Butylbenzene	13.21	119	1039	3.65	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.26	105	1758	5.03	ug/l	86
85) sec-Butylbenzene	13.39	105	2752	6.51	ug/l #	65
86) p-Isopropyltoluene	13.51	119	1068	2.88	ug/l #	75
89) n-Butylbenzene	13.83	91	1578	4.33	ug/l	98
90) Hexachloroethane	14.10	117	1880	27.50	ug/l #	9

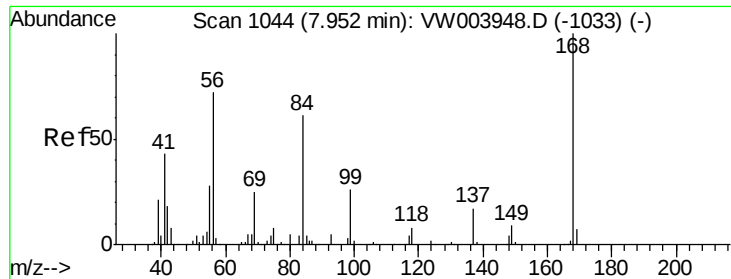
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003982.D
Acq On : 17 Jul 2018 14:00
Operator : VA/AP
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PAR-6RE

Quant Time: Jul 17 14:19:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.87	146	188	1.09	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.51	75	207	14.92	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.15	180	1666	13.81	ug/l #	1
95) Naphthalene	15.38	128	6725	30.21	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.54	180	1616	15.13	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

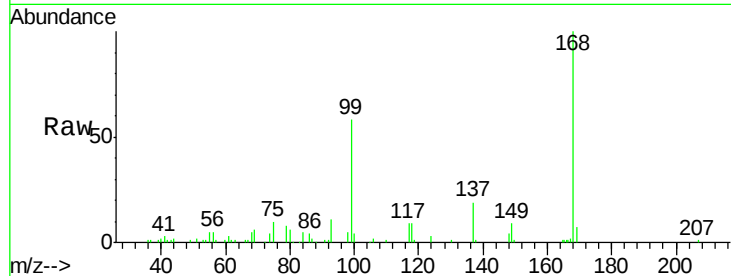
PAR-6RE

Tot Ion:168 Resp: 26081

Ion Ratio Lower Upper

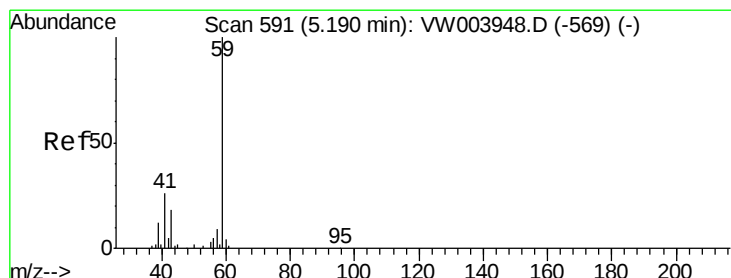
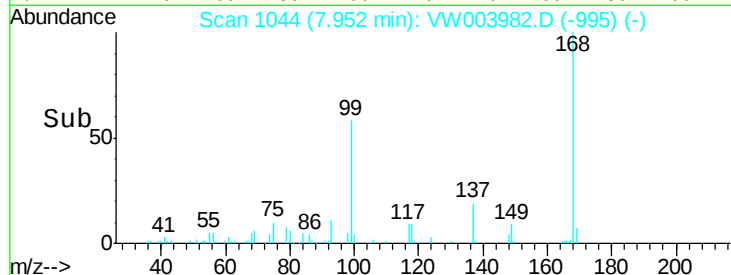
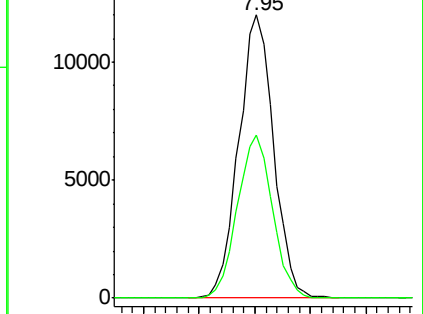
168 100

99 57.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.64 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW003982.D

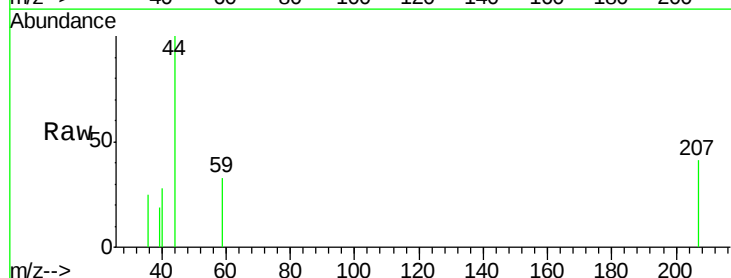
Acq: 17 Jul 2018 14:00

Tgt Ion: 59 Resp: 33

Ion Ratio Lower Upper

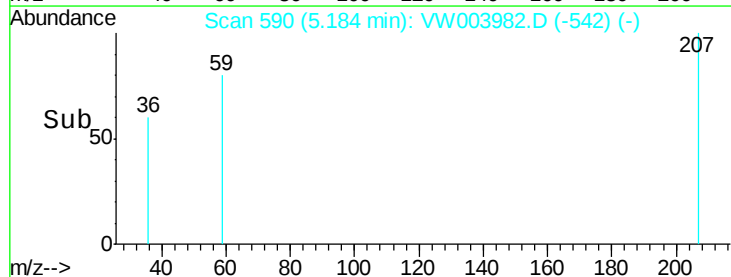
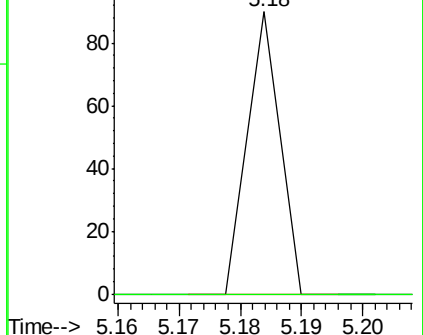
59 100

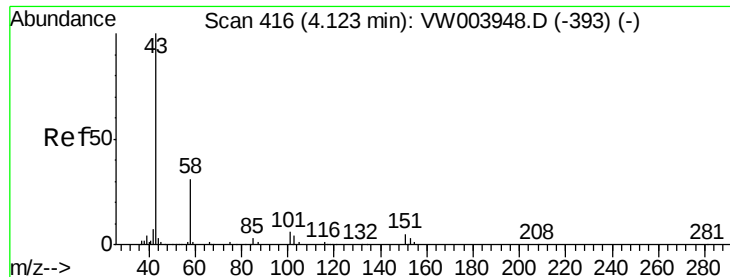
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 306.14 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

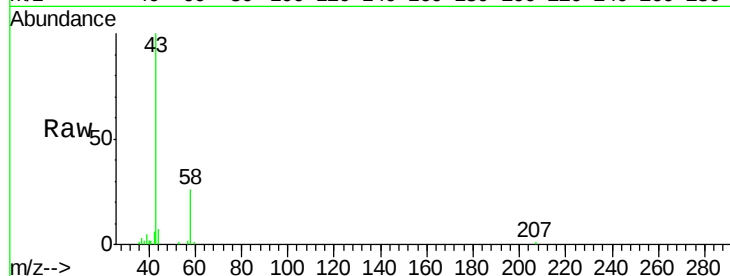
PAR-6RE

Tot Ion: 43 Resp: 21447

Ion Ratio Lower Upper

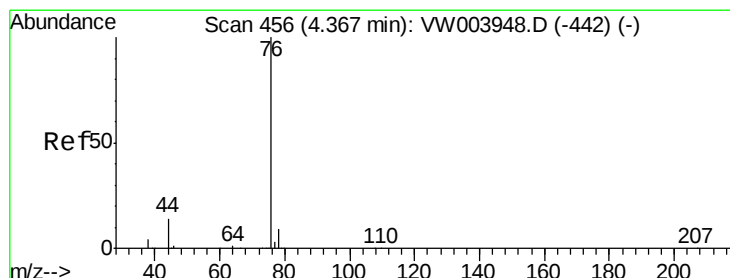
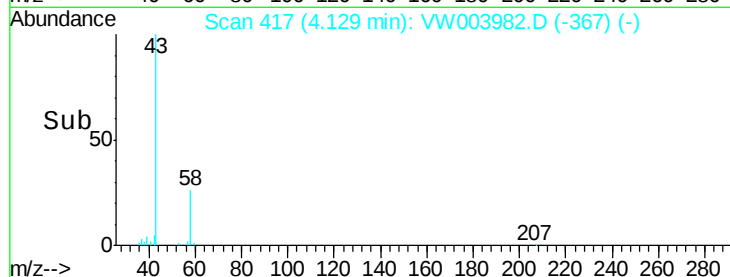
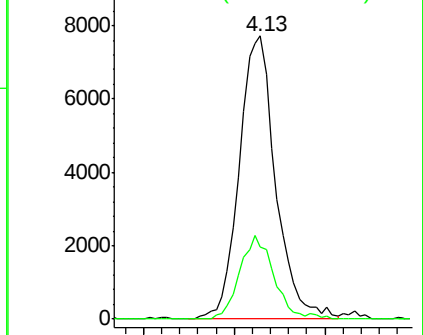
43 100

58 25.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 4.00 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW003982.D

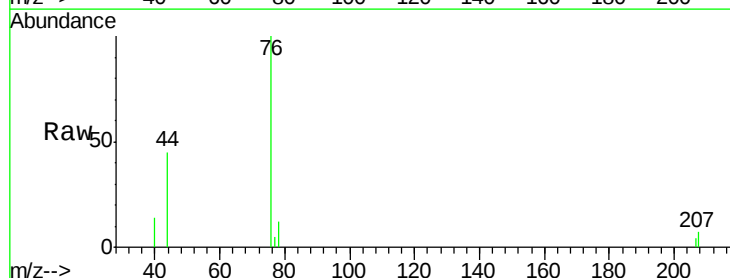
Acq: 17 Jul 2018 14:00

Tgt Ion: 76 Resp: 3168

Ion Ratio Lower Upper

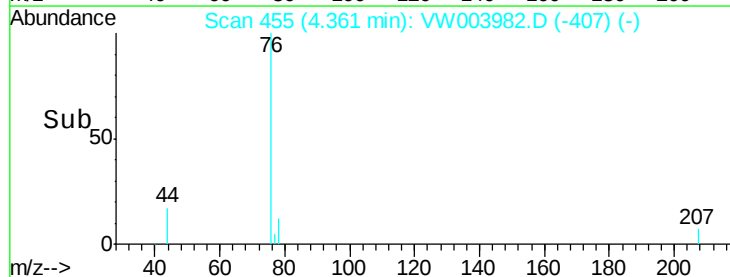
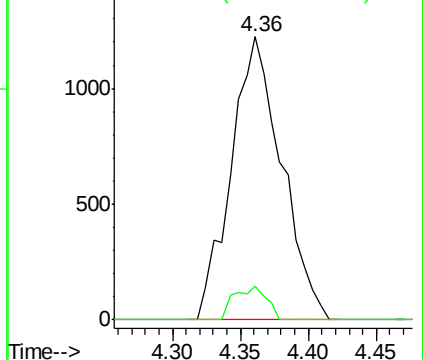
76 100

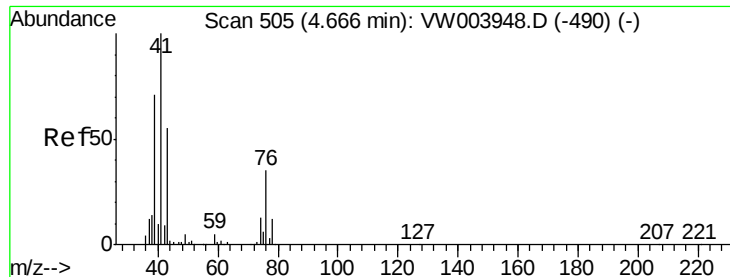
78 11.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

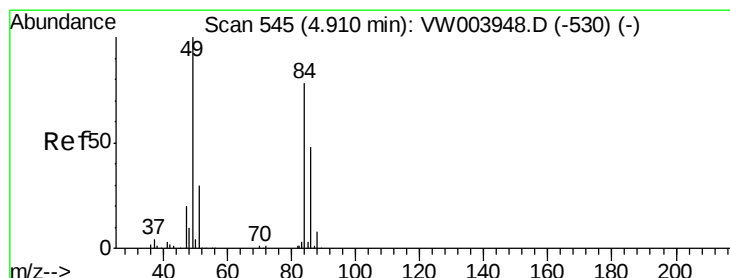
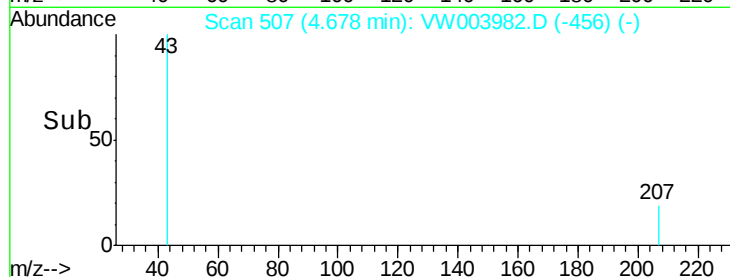
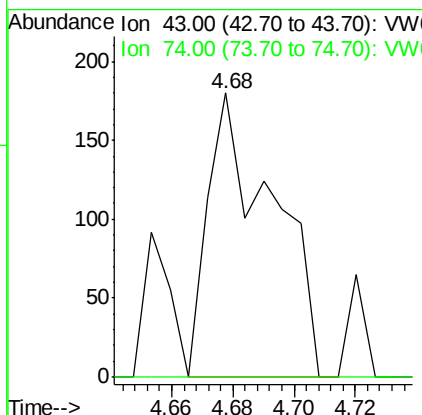
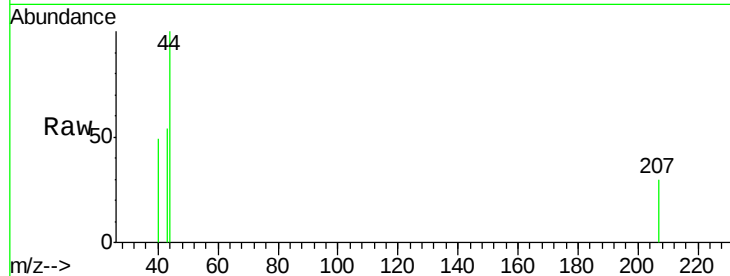




#18
Methyl Acetate
Concen: 1.57 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

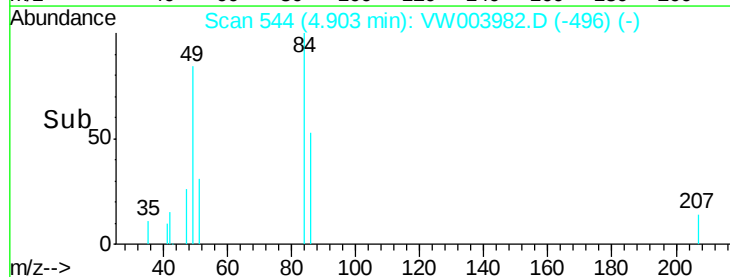
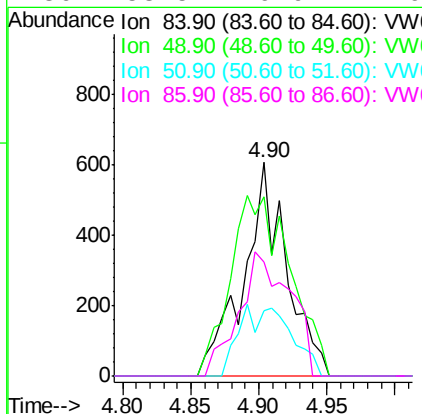
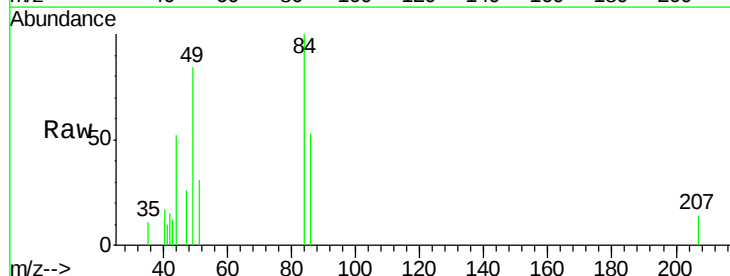
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

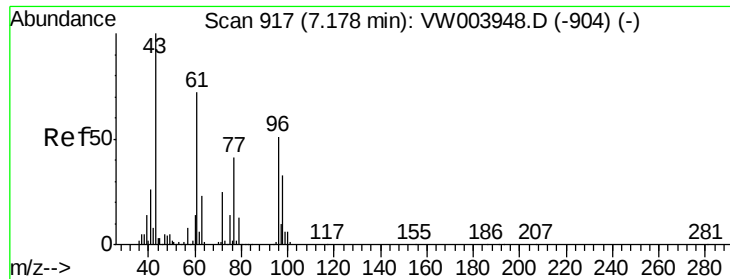
Tot Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 84 Resp: 1327
Ion Ratio Lower Upper
84 100
49 84.0 102.9 154.3#
51 30.9 30.9 46.3#
86 53.5 49.9 74.9





#25

2-Butanone

Concen: 51.28 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

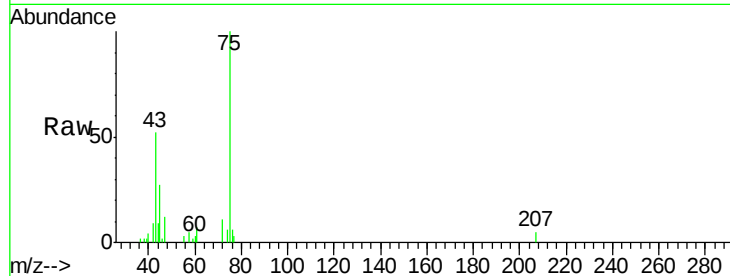
PAR-6RE

Tot Ion: 43 Resp: 4834

Ion Ratio Lower Upper

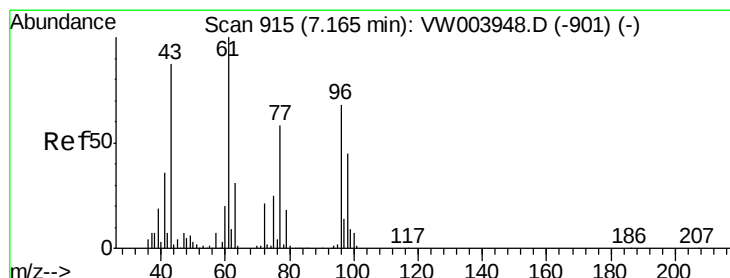
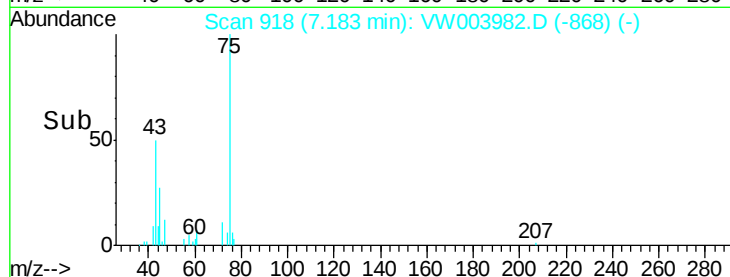
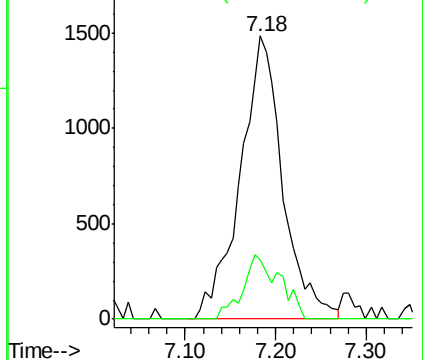
43 100

72 21.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 3.44 ug/l

RT: 7.14 min Scan# 911

Delta R.T. -0.02 min

Lab File: VW003982.D

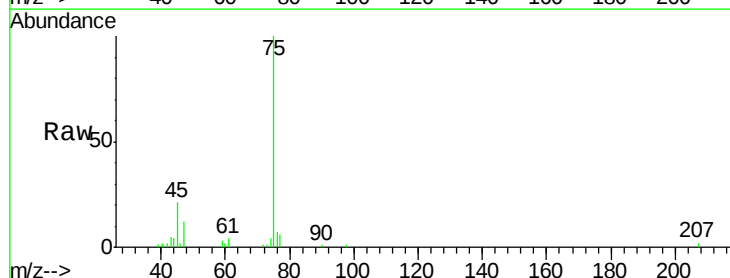
Acq: 17 Jul 2018 14:00

Tgt Ion: 77 Resp: 1018

Ion Ratio Lower Upper

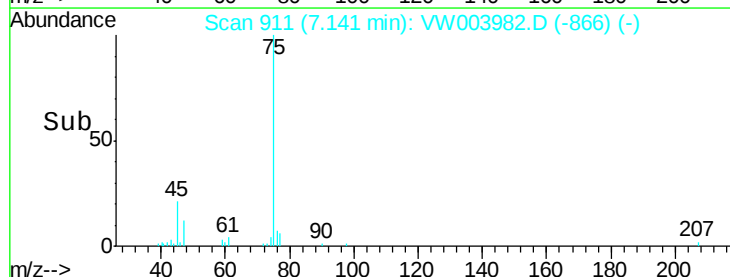
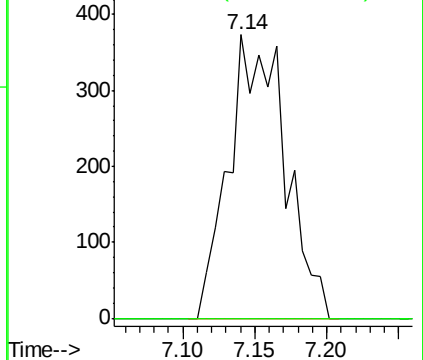
77 100

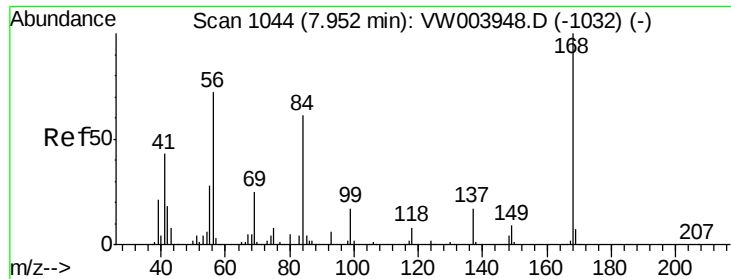
97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

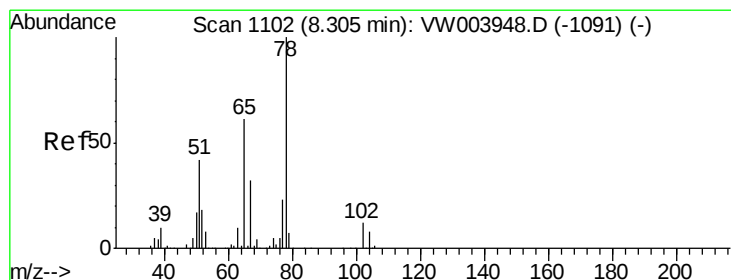
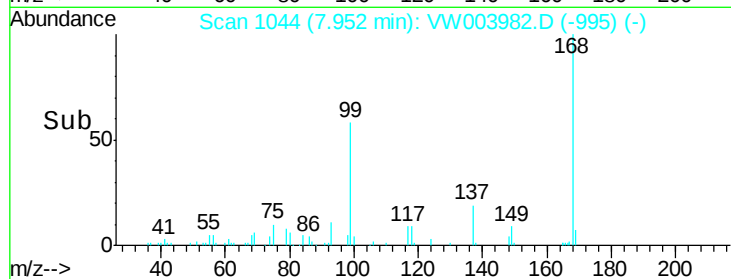
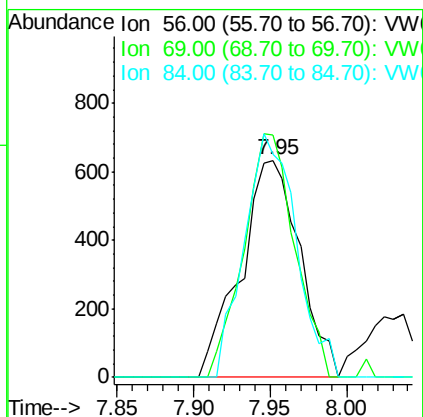
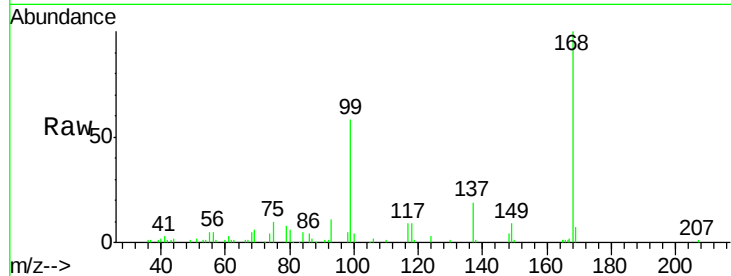




#31
Cyclohexane
Concen: 3.52 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

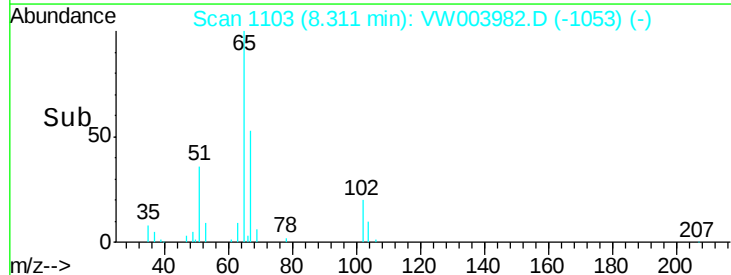
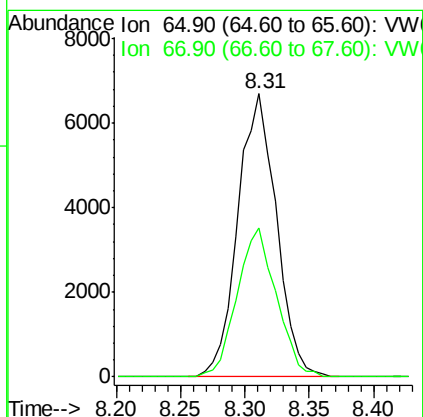
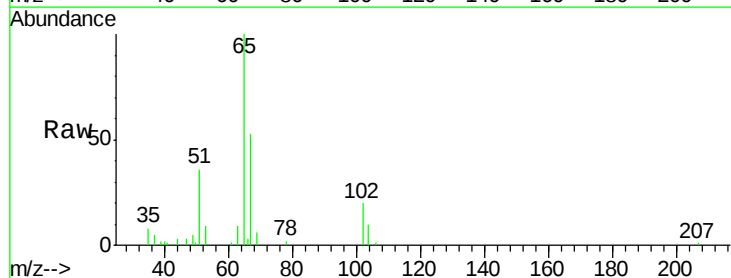
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

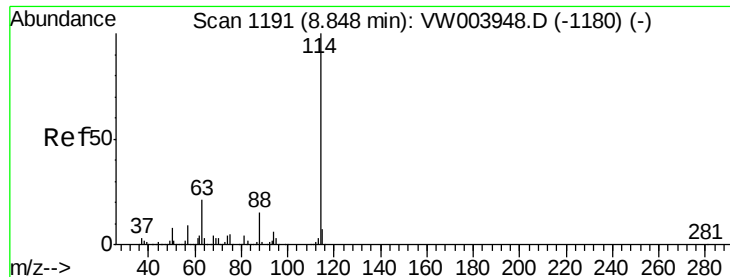
Tot Ion: 56 Resp: 1703
Ion Ratio Lower Upper
56 100
69 112.0 27.8 41.8#
84 102.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.48 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 65 Resp: 13843
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

PAR-6RE

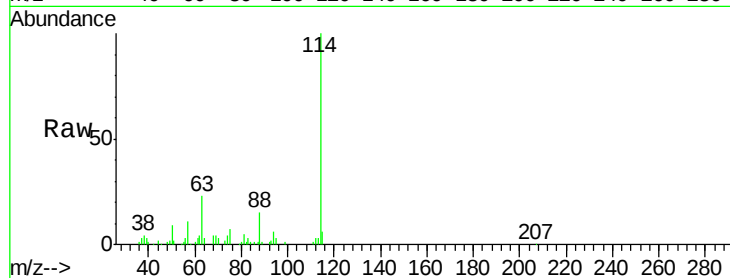
Tot Ion:114 Resp: 30511

Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.8

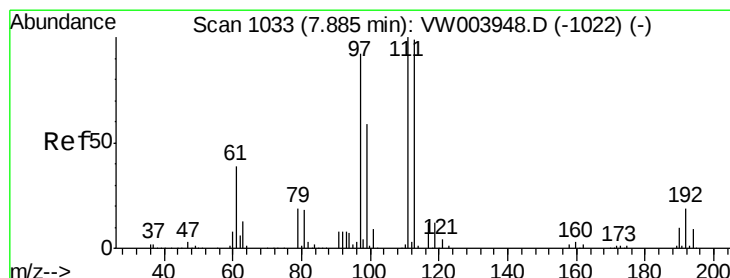
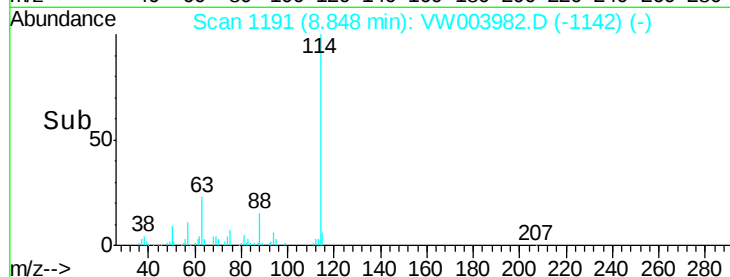
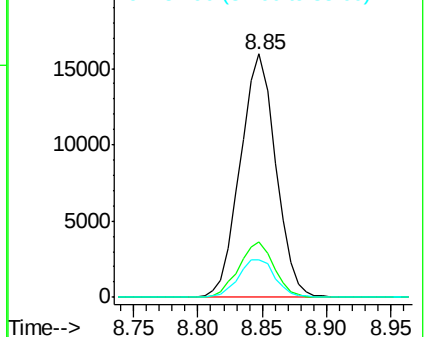
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 65.86 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

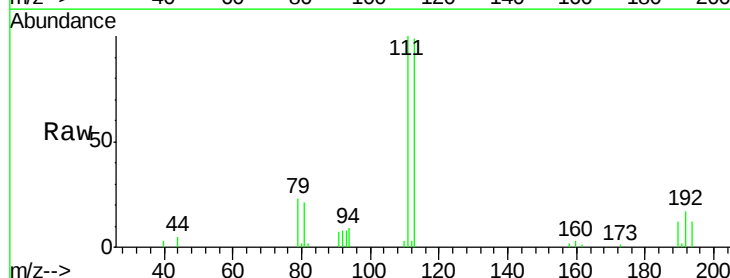
Tgt Ion:113 Resp: 12894

Ion Ratio Lower Upper

113 100

111 97.1 81.3 121.9

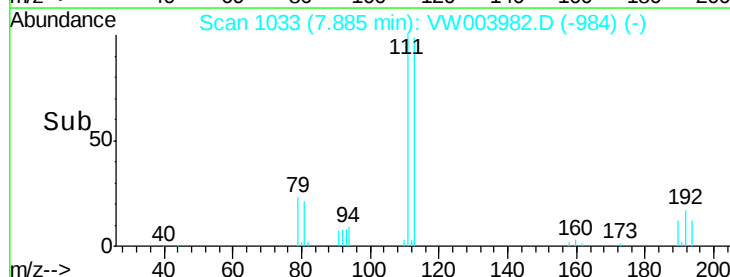
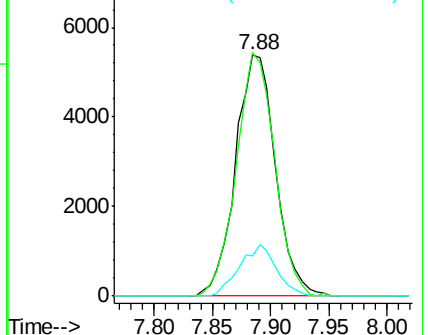
192 19.7 15.8 23.6

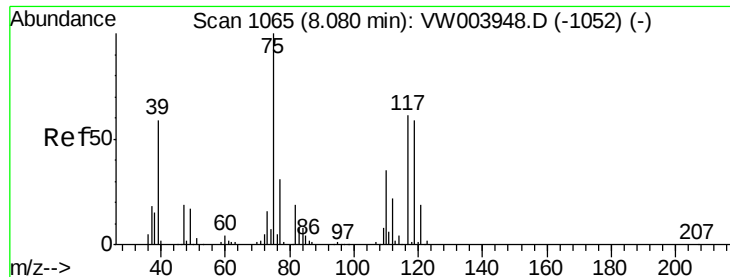


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

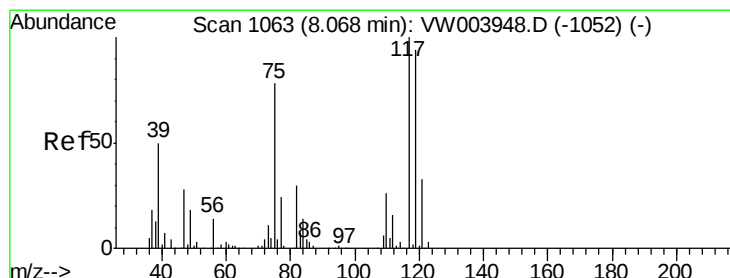
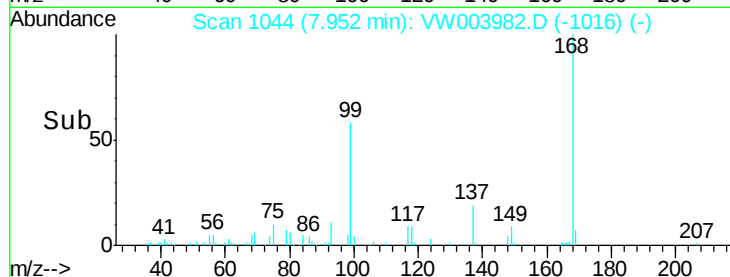
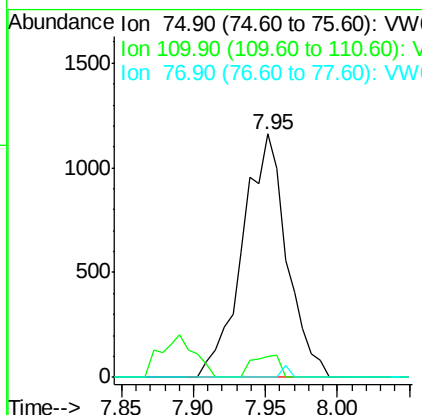
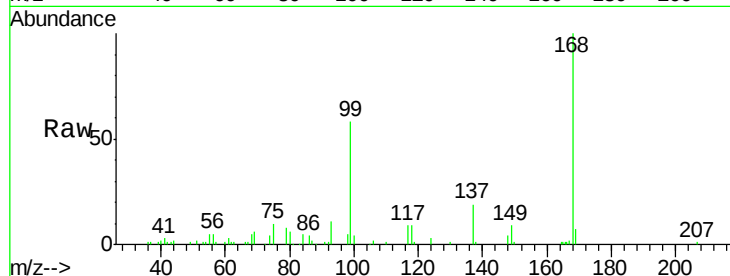




#36
 1,1-Dichloropropene
 Concen: 7.88 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

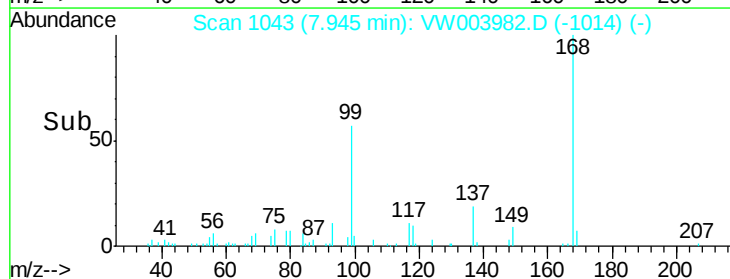
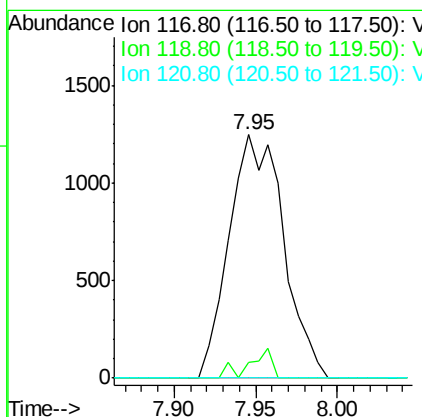
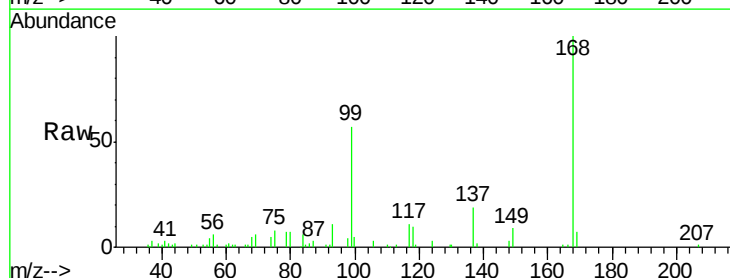
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

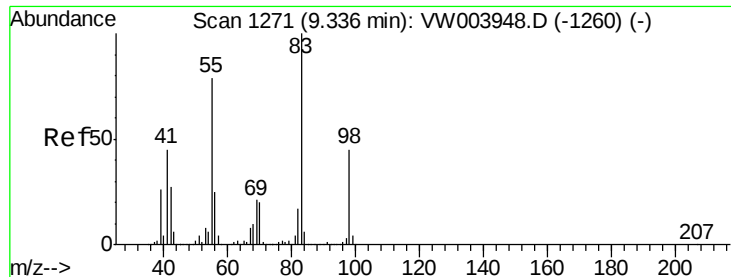
Tot Ion: 75 Resp: 2474
 Ion Ratio Lower Upper
 75 100
 110 5.5 17.0 51.0#
 77 0.9 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 9.85 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion: 117 Resp: 2888
 Ion Ratio Lower Upper
 117 100
 119 6.7 75.3 112.9#
 121 0.0 26.0 39.0#

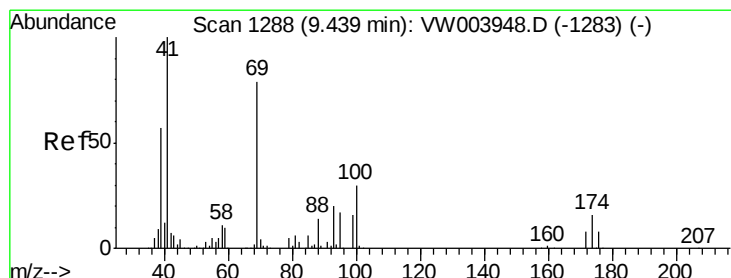
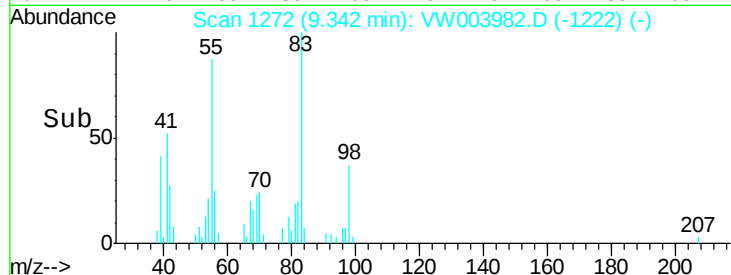
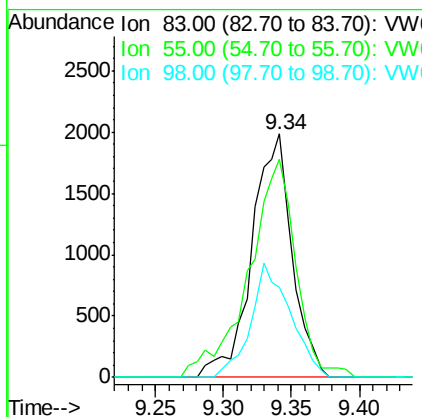
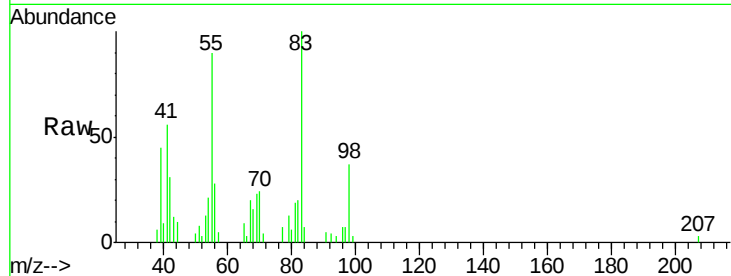




#39
Methylcyclohexane
Concen: 11.16 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

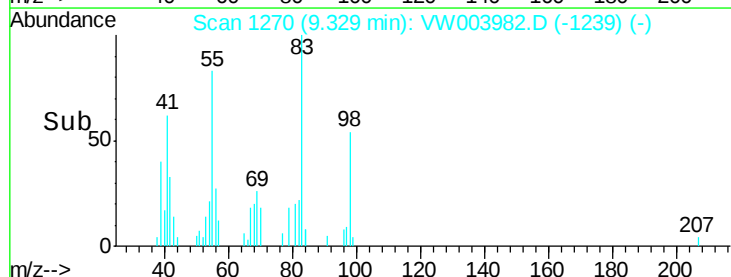
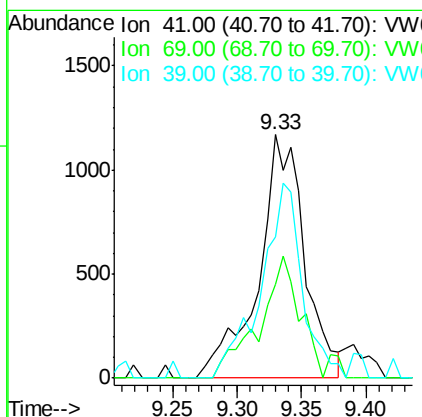
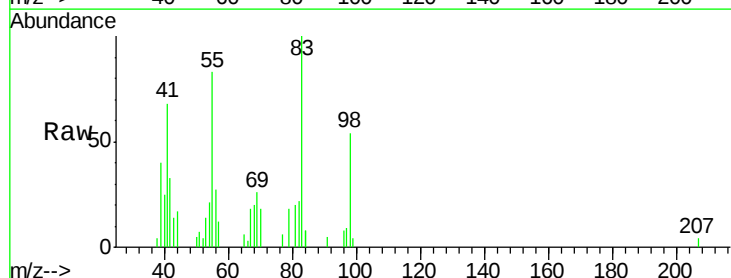
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

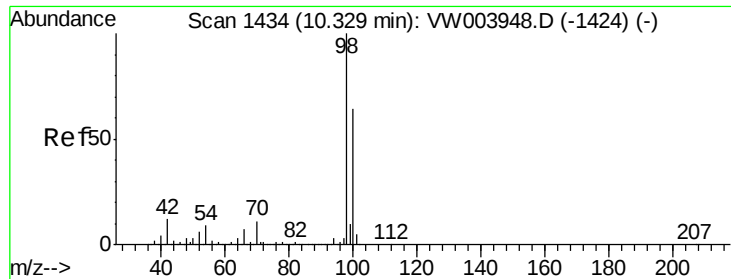
Tot Ion: 83 Resp: 4103
Ion Ratio Lower Upper
83 100
55 85.4 62.8 94.2
98 37.1 36.2 54.4



#48
Methyl methacrylate
Concen: 21.28 ug/l
RT: 9.33 min Scan# 1270
Delta R.T. -0.11 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 41 Resp: 2915
Ion Ratio Lower Upper
41 100
69 44.3 67.0 100.6#
39 71.9 48.8 73.2





#50

Toluene-d8

Concen: 45.27 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

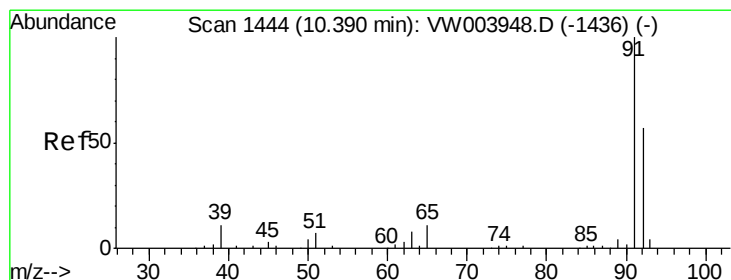
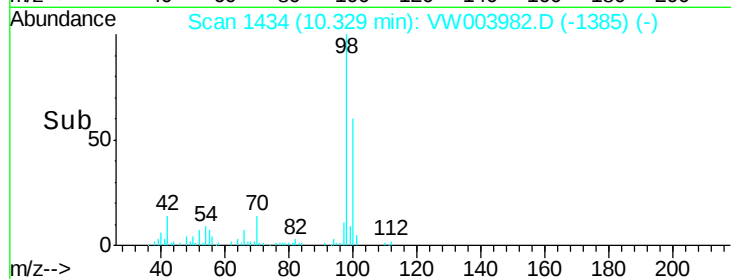
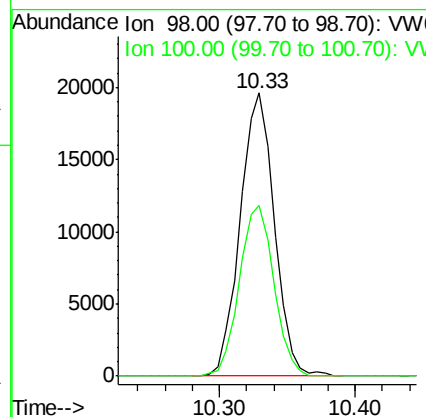
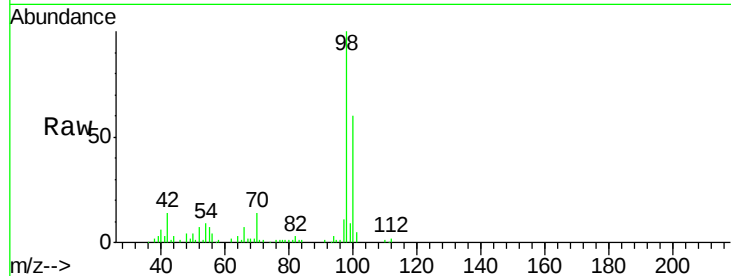
PAR-6RE

Tot Ion: 98 Resp: 34386

Ion Ratio Lower Upper

98 100

100 60.8 51.2 76.8



#52

Toluene

Concen: 1.47 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003982.D

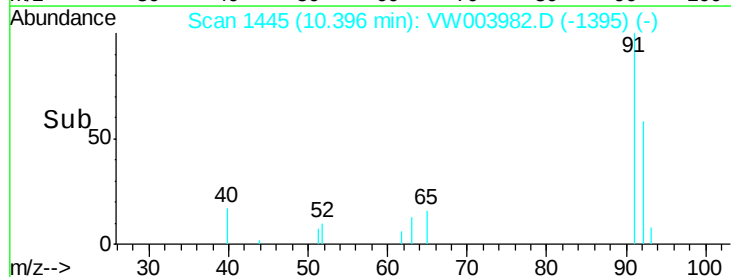
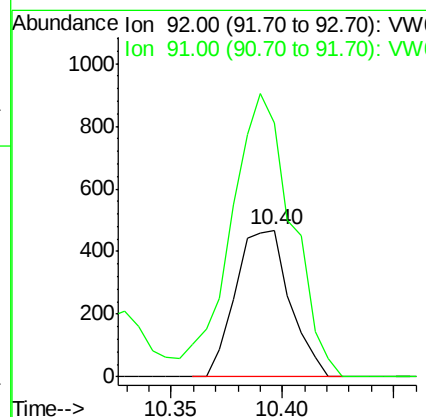
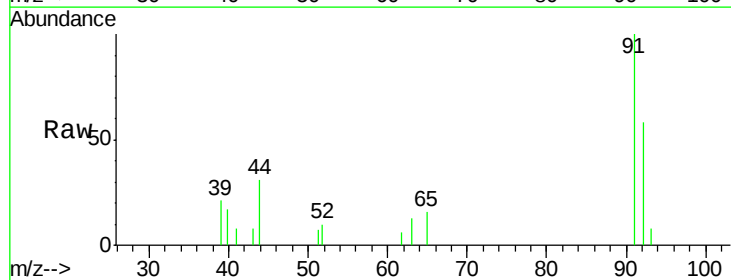
Acq: 17 Jul 2018 14:00

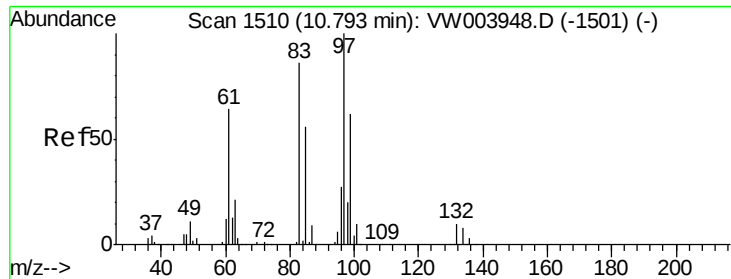
Tgt Ion: 92 Resp: 793

Ion Ratio Lower Upper

92 100

91 216.9 139.6 209.4#

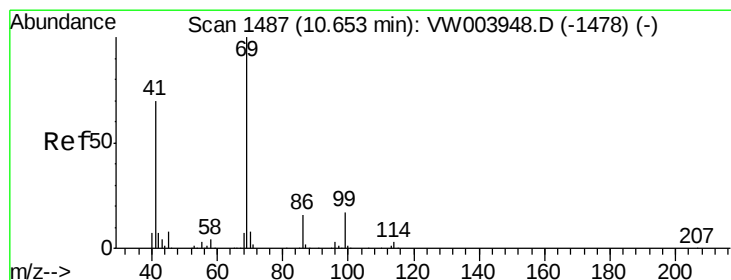
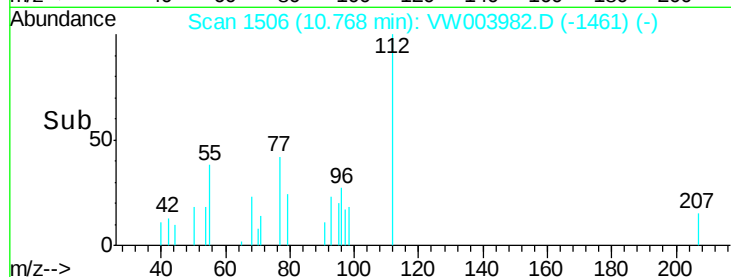
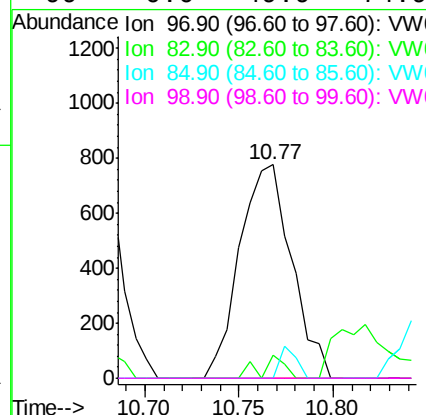
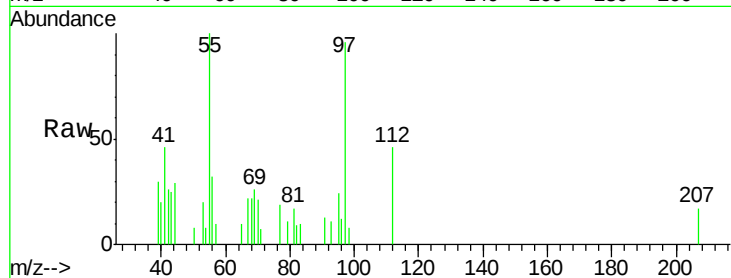




#55
 1,1,2-Trichloroethane
 Concen: 9.15 ug/l
 RT: 10.77 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

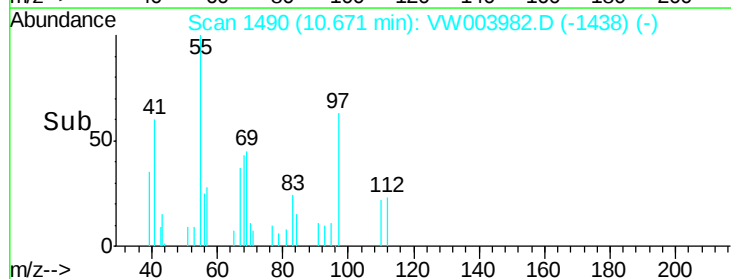
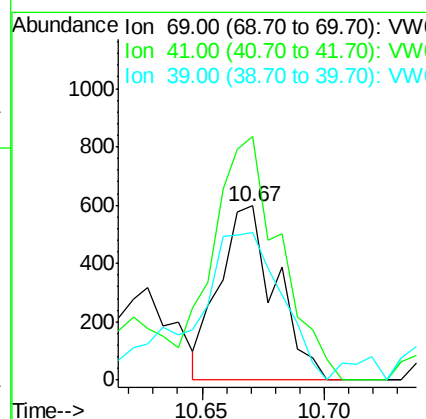
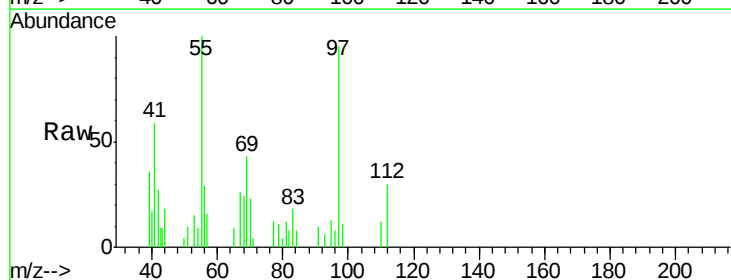
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-6RE

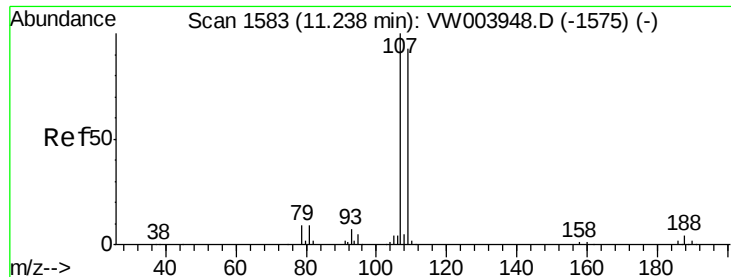
Tot Ion: 97 Resp: 1485
 Ion Ratio Lower Upper
 97 100
 83 10.6 69.0 103.4#
 85 0.0 45.0 67.6#
 99 0.0 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 6.82 ug/l
 RT: 10.67 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion: 69 Resp: 954
 Ion Ratio Lower Upper
 69 100
 41 165.3 56.5 84.7#
 39 140.8 30.2 45.4#

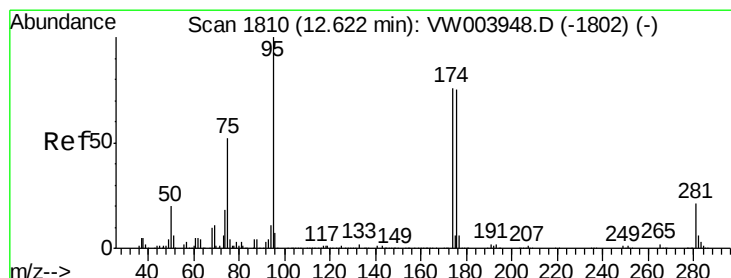
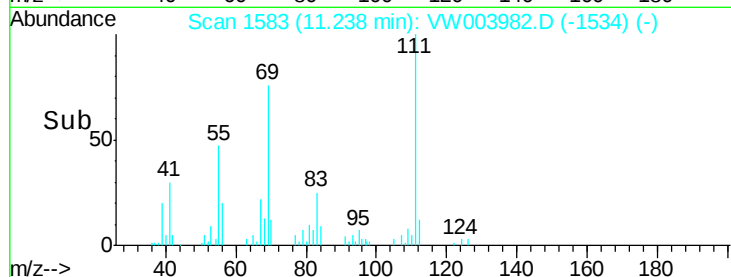
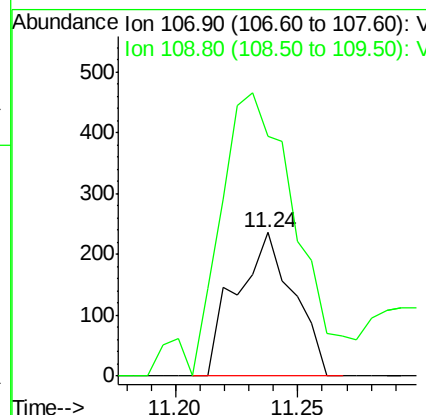
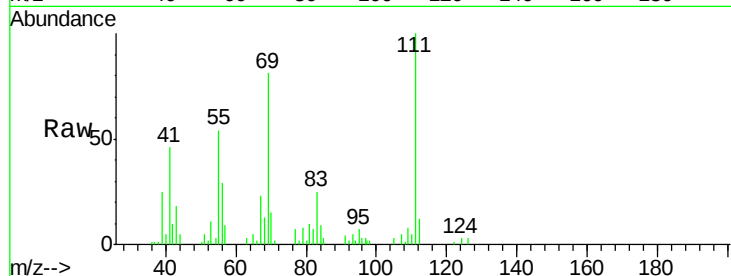




#61
 1,2-Dibromoethane
 Concen: 2.51 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

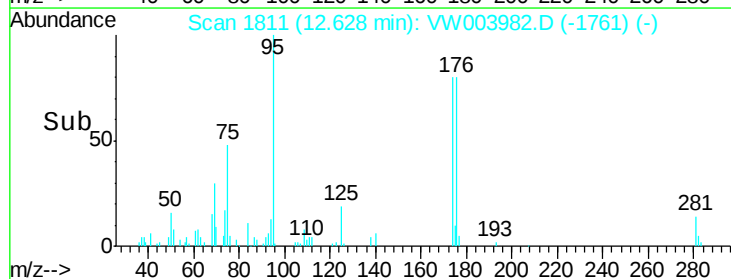
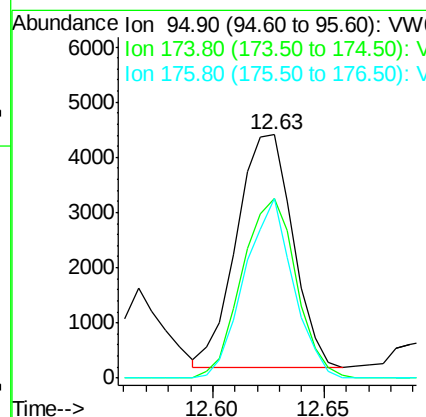
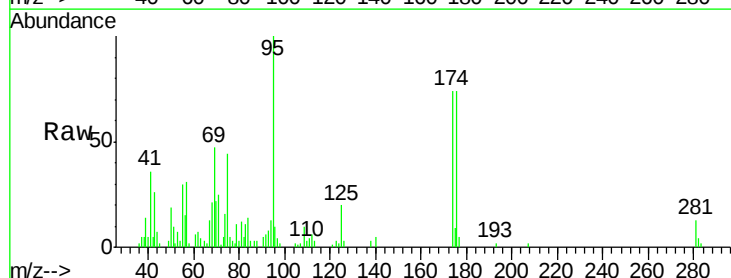
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

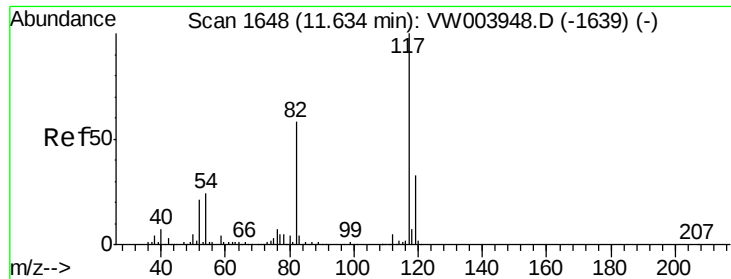
Tot Ion:107 Resp: 387
 Ion Ratio Lower Upper
 107 100
 109 268.5 74.3 111.5#



#62
 4-Bromofluorobenzene
 Concen: 27.09 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion: 95 Resp: 7421
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 160.2
 176 66.3 0.0 155.8

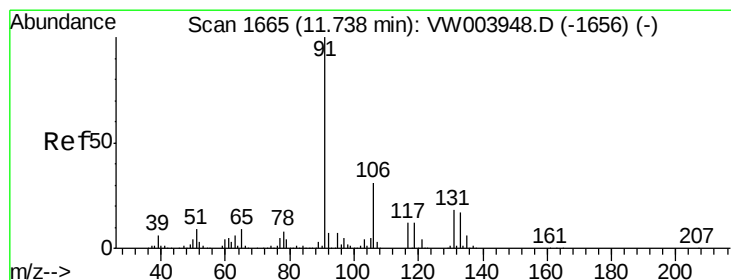
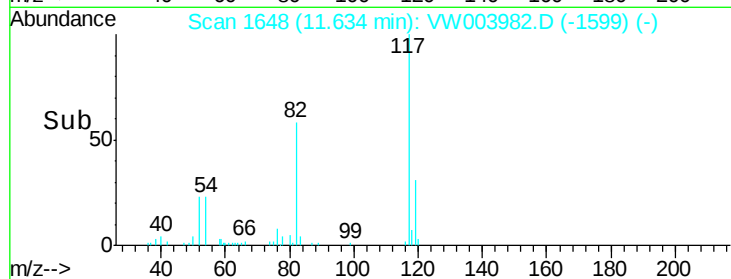
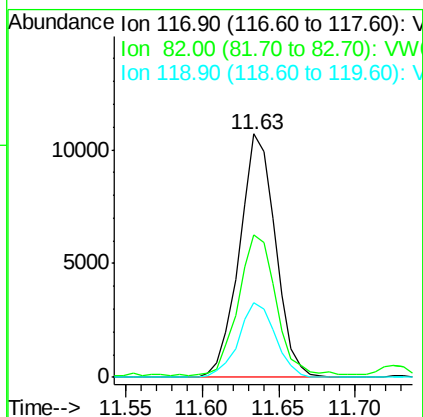
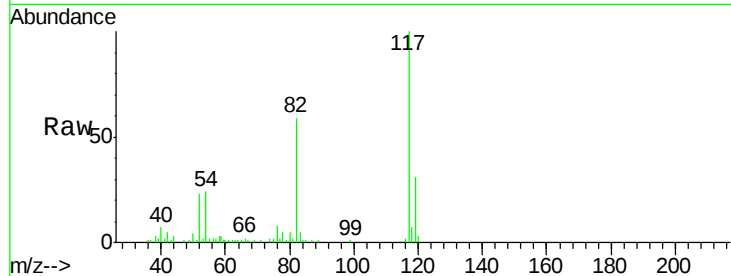




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

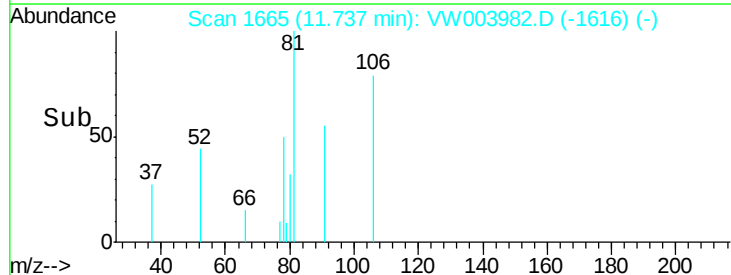
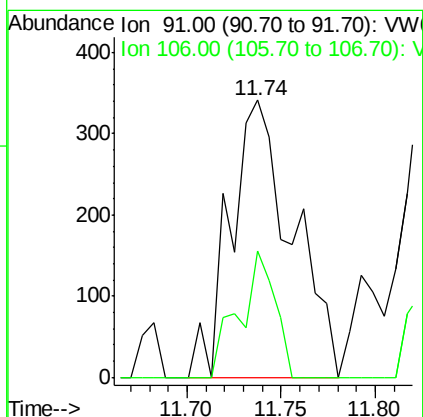
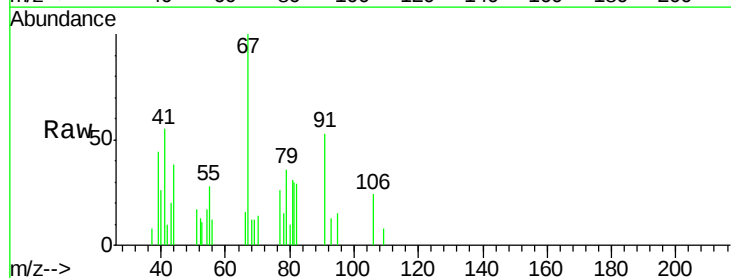
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

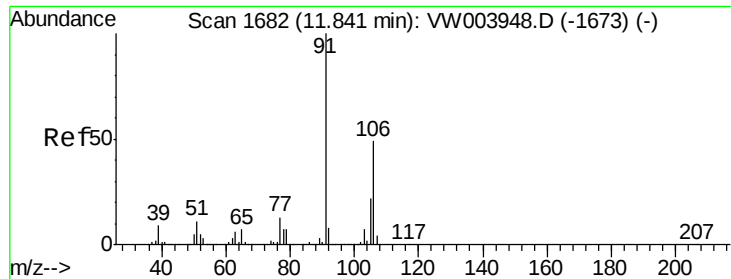
Tot Ion:117 Resp: 17516
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 30.8 26.2 39.2



#67
Ethyl Benzene
Concen: 1.19 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 91 Resp: 780
Ion Ratio Lower Upper
91 100
106 45.5 25.0 37.4#





#68

m/p-Xylenes

Concen: 2.52 ug/l

RT: 11.84 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

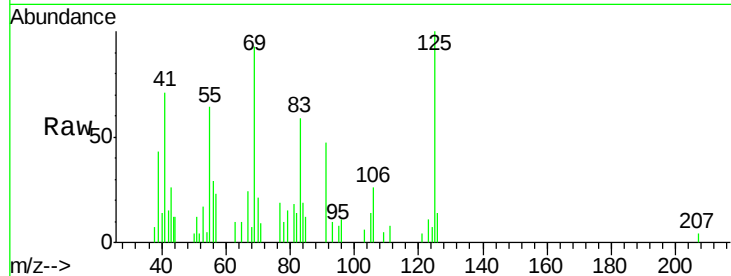
PAR-6RE

Tot Ion:106 Resp: 630

Ion Ratio Lower Upper

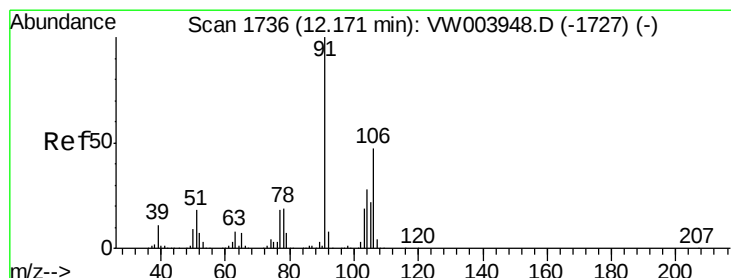
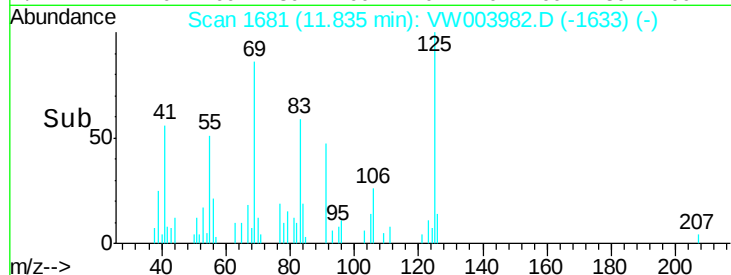
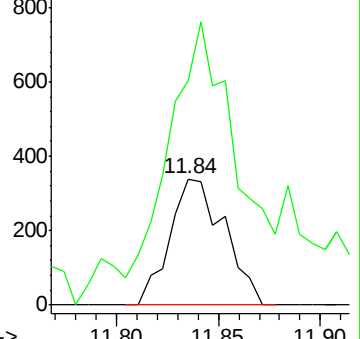
106 100

91 303.3 164.2 246.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 3.86 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW003982.D

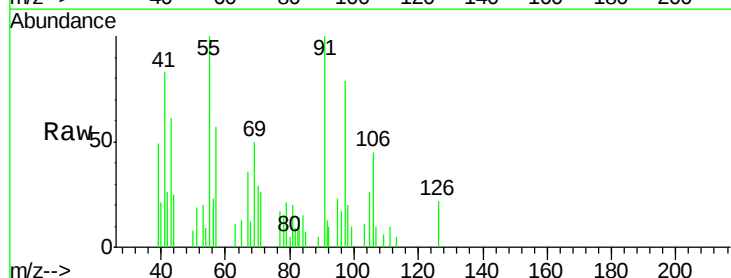
Acq: 17 Jul 2018 14:00

Tgt Ion:106 Resp: 896

Ion Ratio Lower Upper

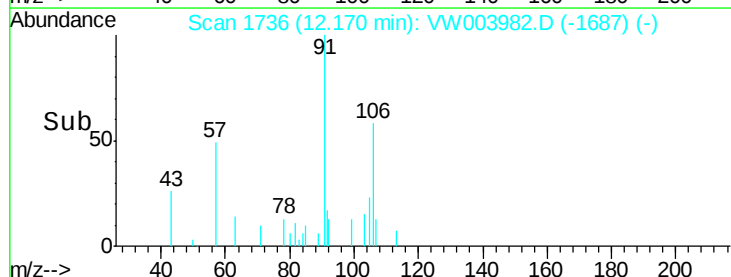
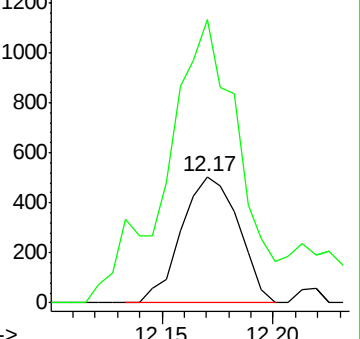
106 100

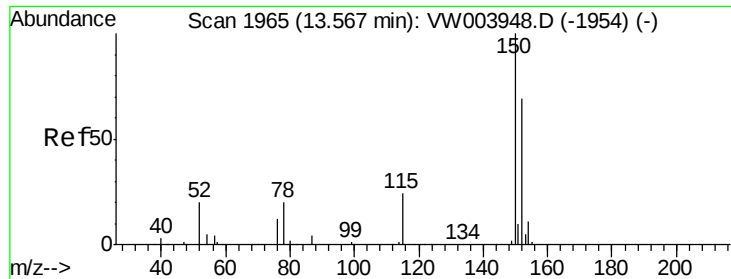
91 286.9 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



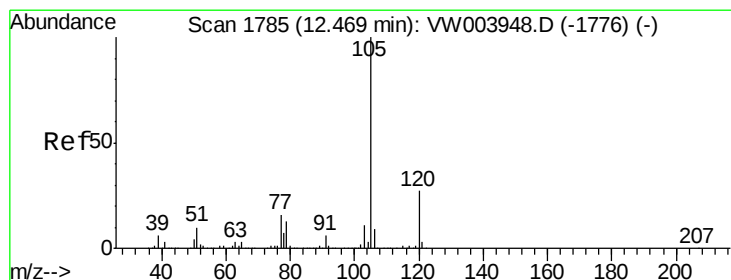
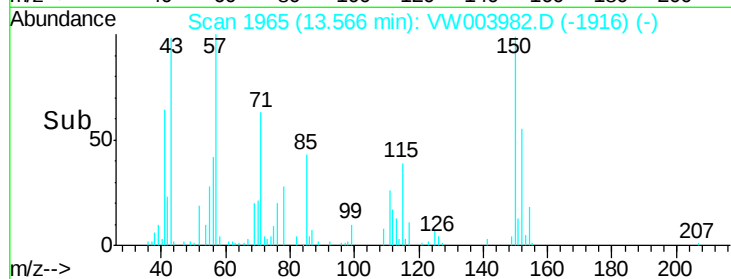
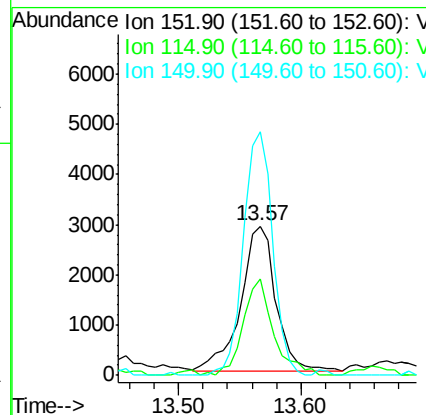
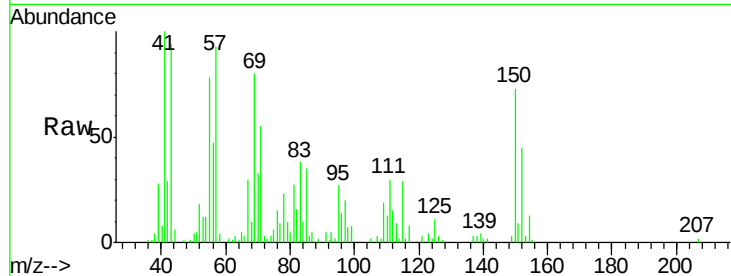


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Instrument :
MSVOA_W
ClientSampleId :
PAR-6RE

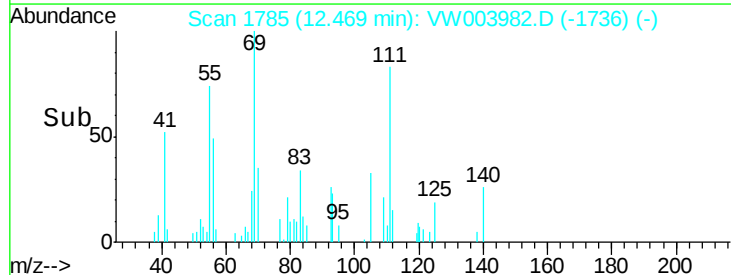
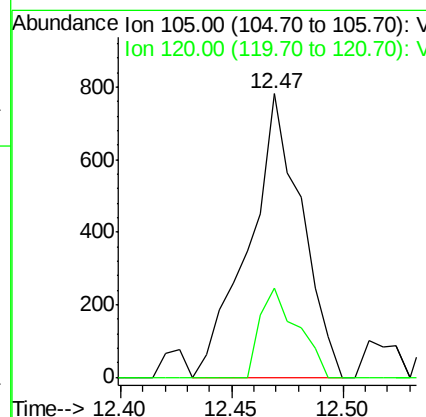
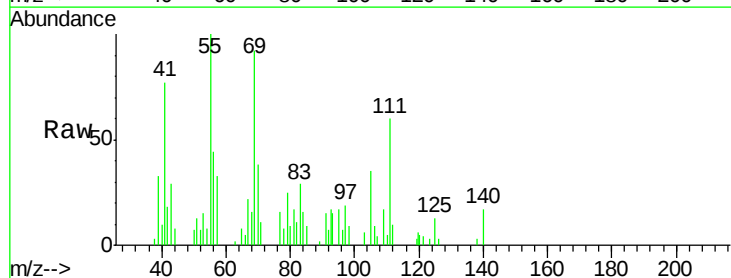
Tot Ion:152 Resp: 5708
Ion Ratio Lower Upper
152 100
115 57.7 29.2 87.6
150 140.9 0.0 345.2

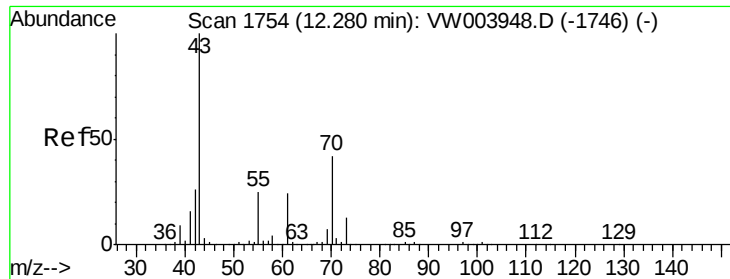


#73

Isopropylbenzene
Concen: 3.18 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion:105 Resp: 1281
Ion Ratio Lower Upper
105 100
120 22.2 13.2 39.6





#74

N-amvl acetate

Concen: 52.23 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

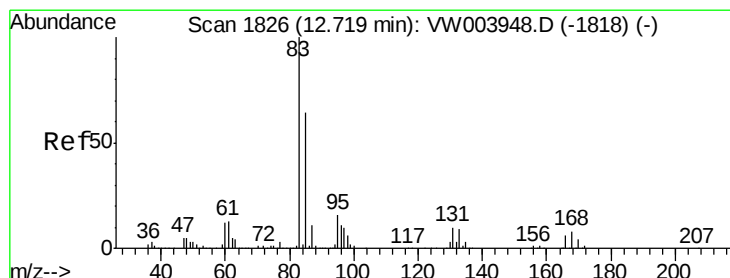
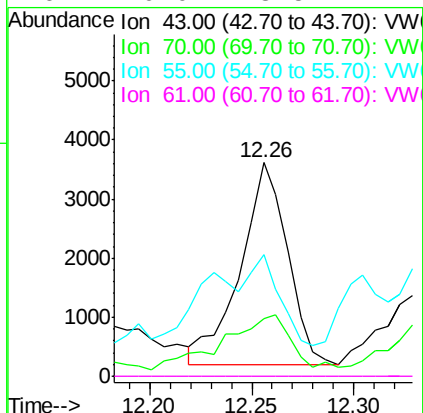
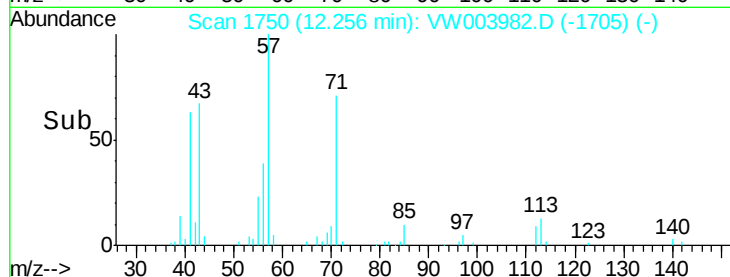
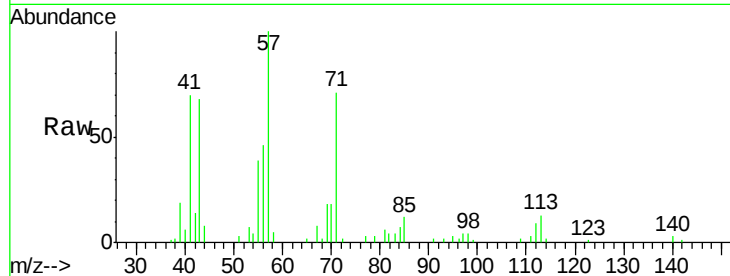
ClientSampled :

PAR-6RE

Tot Ion: 43 Resp: 5489

Ion Ratio Lower Upper

43	100		
70	39.7	31.6	47.4
55	29.4	20.0	30.0
61	0.0	18.5	27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.81 ug/l

RT: 12.68 min Scan# 1820

Delta R.T. -0.04 min

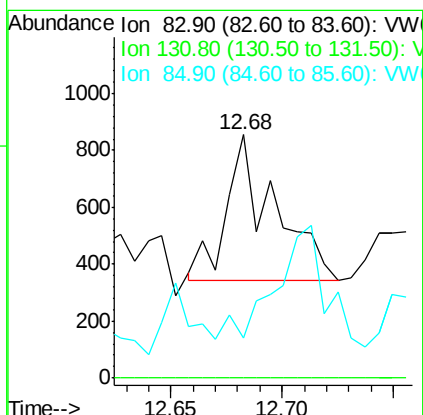
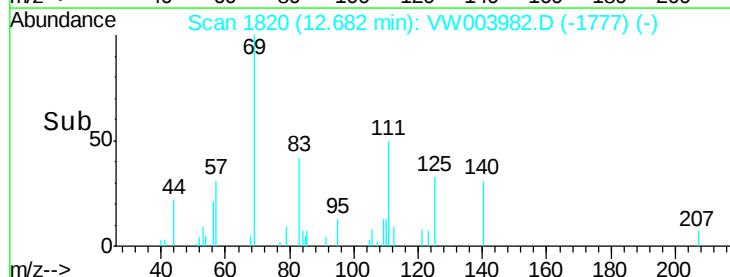
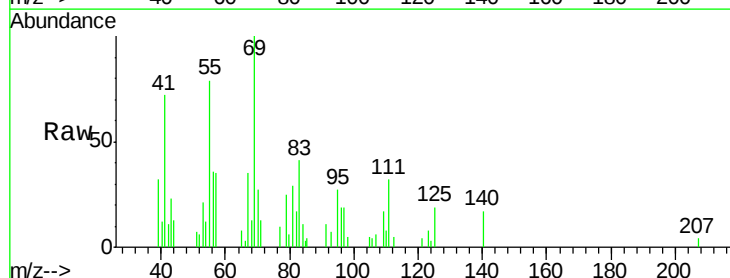
Lab File: VW003982.D

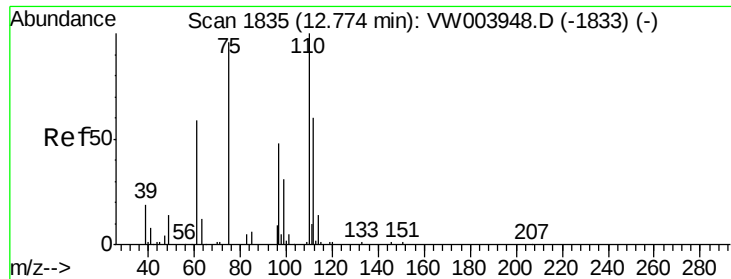
Acq: 17 Jul 2018 14:00

Tgt Ion: 83 Resp: 765

Ion Ratio Lower Upper

83	100		
131	0.0	5.3	15.8#
85	0.0	32.2	96.6#





#76

1,2,3-Trichloropropane

Concen: 63.58 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

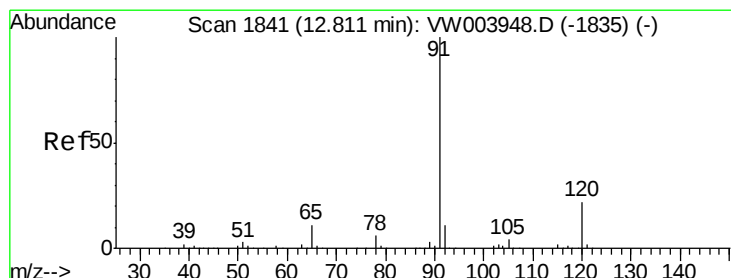
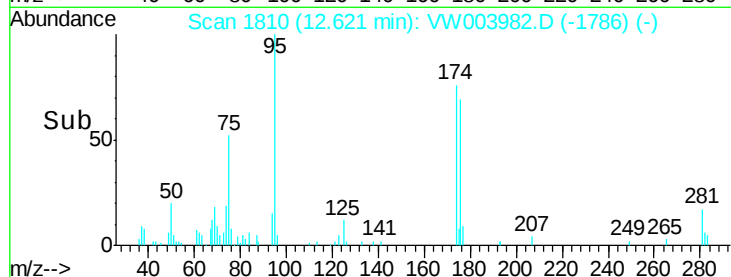
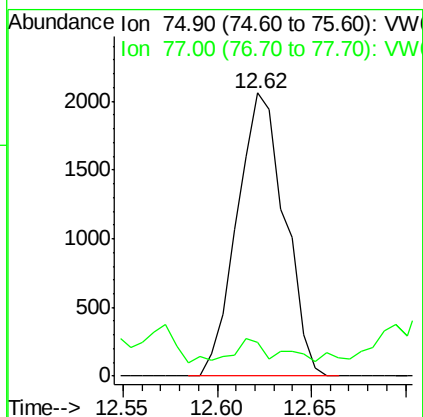
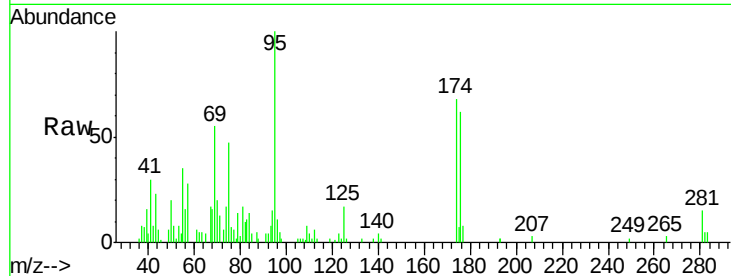
PAR-6RE

Tot Ion: 75 Resp: 3603

Ion Ratio Lower Upper

75 100

77 6.0 0.0 0.0#



#78

n-propylbenzene

Concen: 3.31 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003982.D

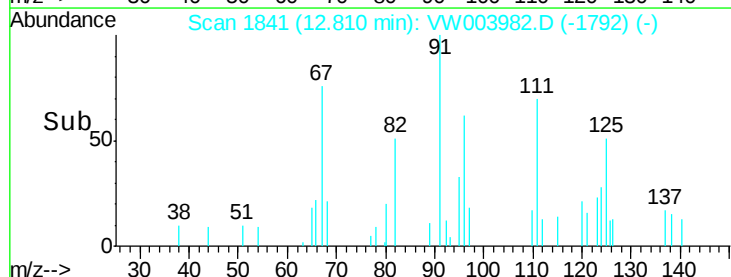
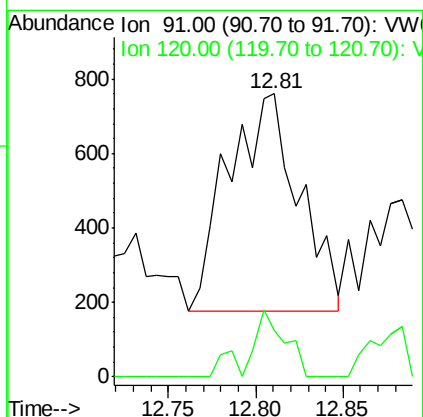
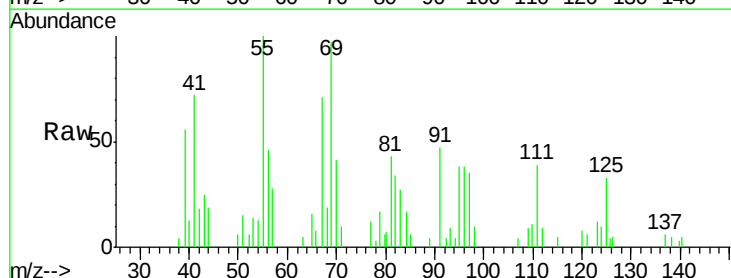
Acq: 17 Jul 2018 14:00

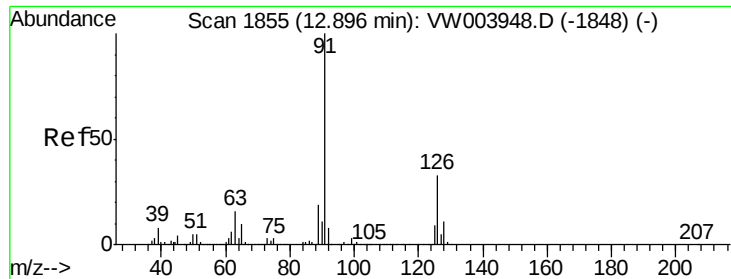
Tgt Ion: 91 Resp: 1640

Ion Ratio Lower Upper

91 100

120 15.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 2.53 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.05 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

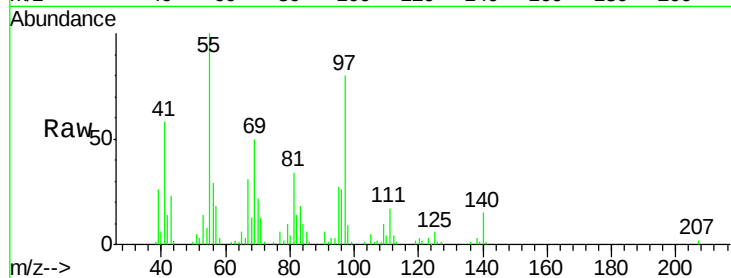
PAR-6RE

Tot Ion: 91 Resp: 707

Ion Ratio Lower Upper

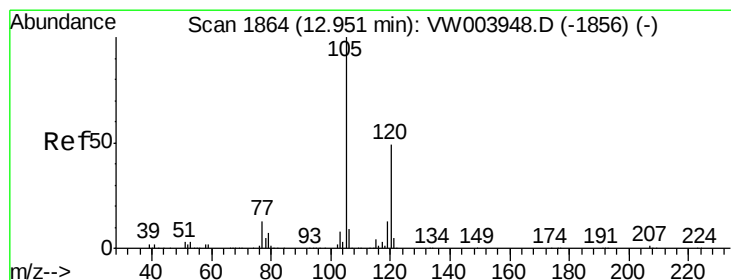
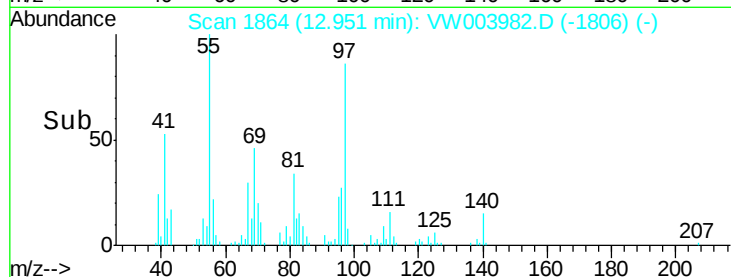
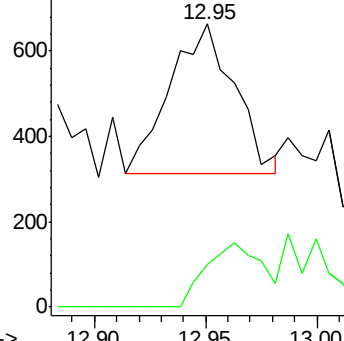
91 100

126 37.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.26 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VW003982.D

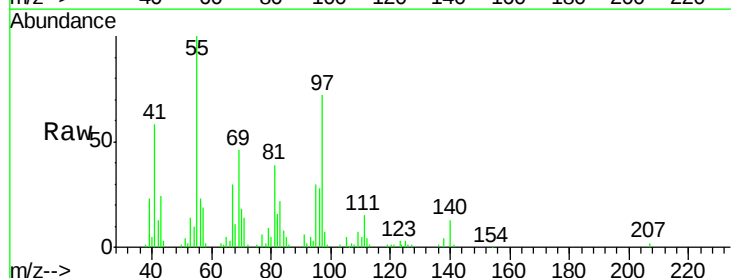
Acq: 17 Jul 2018 14:00

Tgt Ion: 105 Resp: 766

Ion Ratio Lower Upper

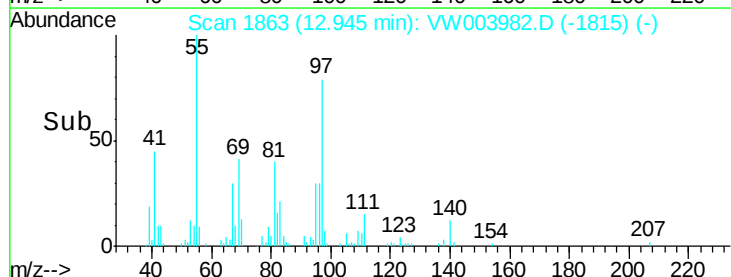
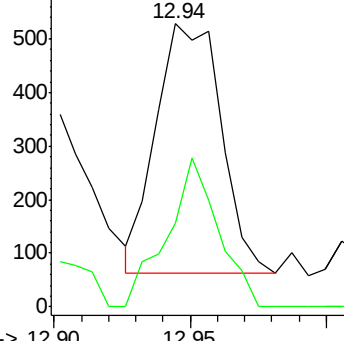
105 100

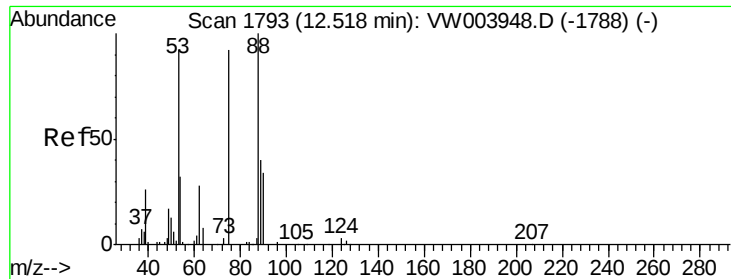
120 47.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 140.64 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

PAR-6RE

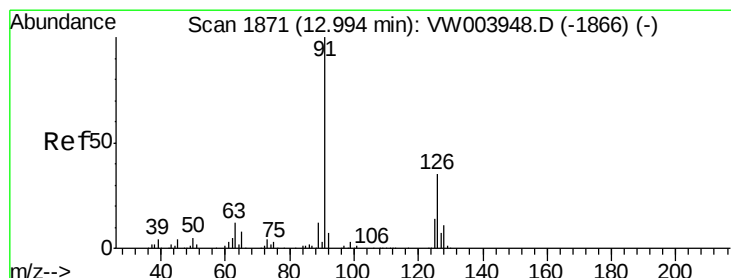
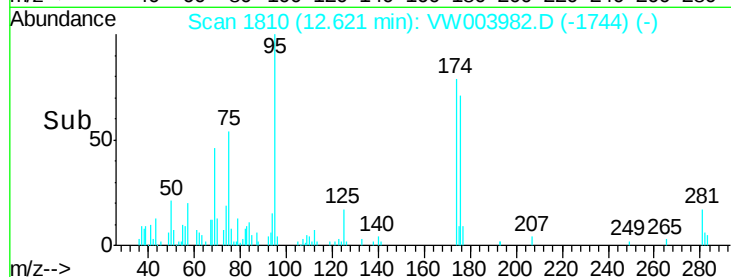
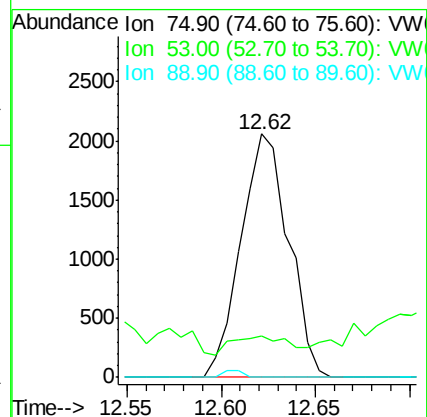
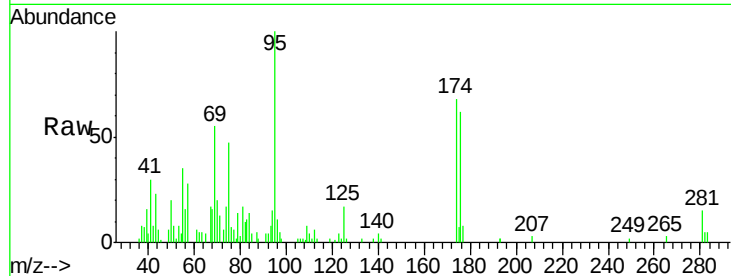
Tot Ion: 75 Resp: 3603

Ion Ratio Lower Upper

75 100

53 8.7 77.6 116.4#

89 1.1 36.6 54.8#



#82

4-Chlorotoluene

Concen: 2.36 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.04 min

Lab File: VW003982.D

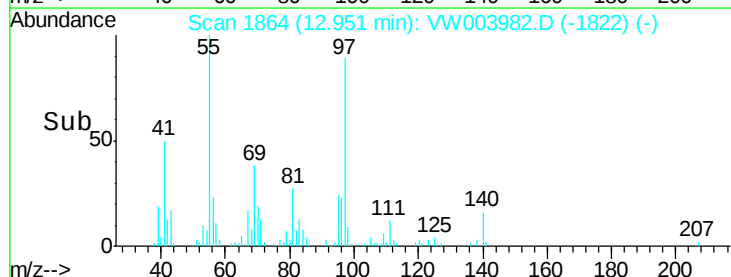
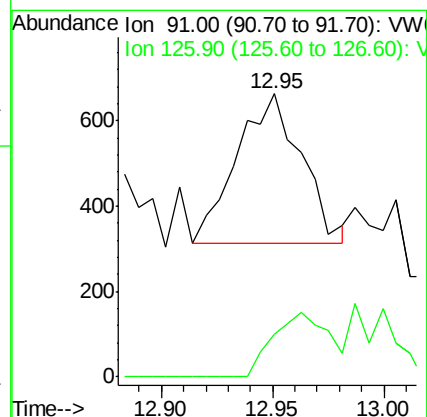
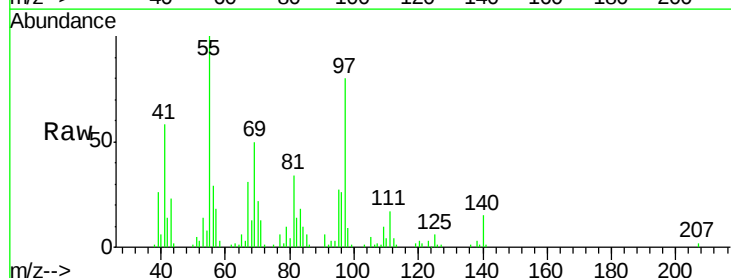
Acq: 17 Jul 2018 14:00

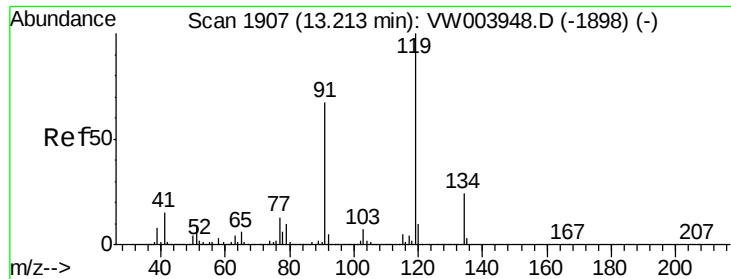
Tgt Ion: 91 Resp: 707

Ion Ratio Lower Upper

91 100

126 37.2 16.7 50.0

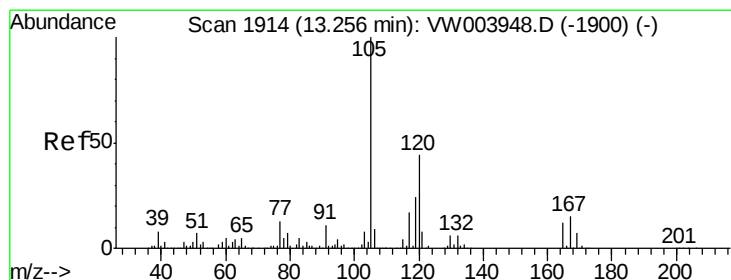
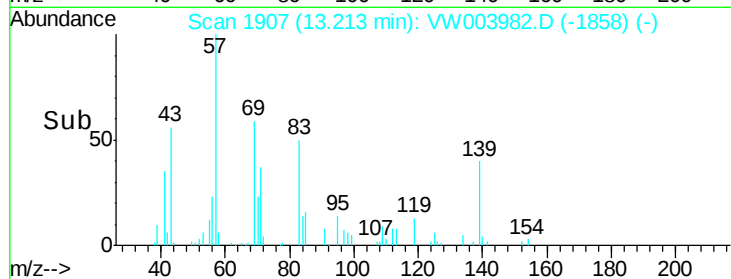
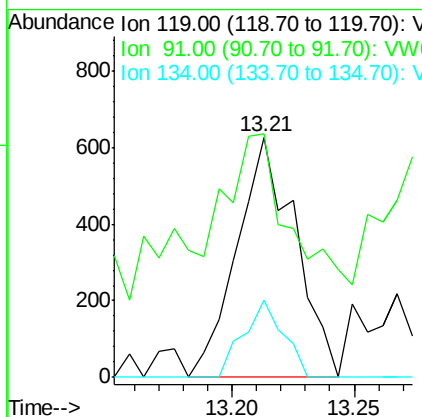
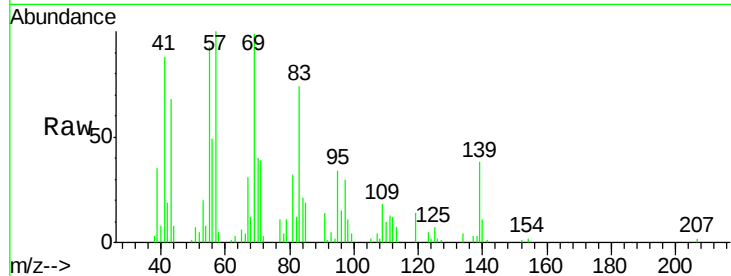




#83
 tert-Butylbenzene
 Concen: 3.65 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

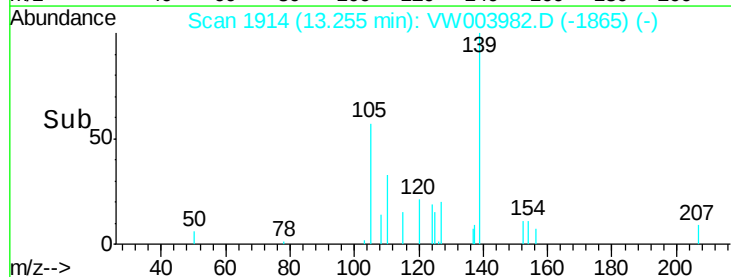
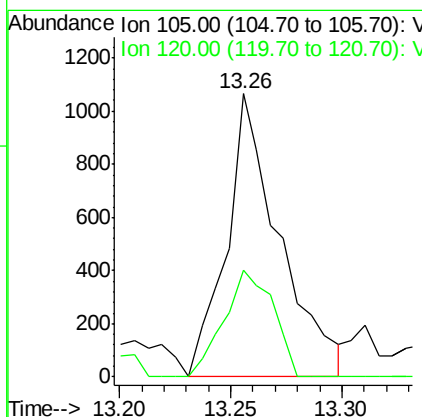
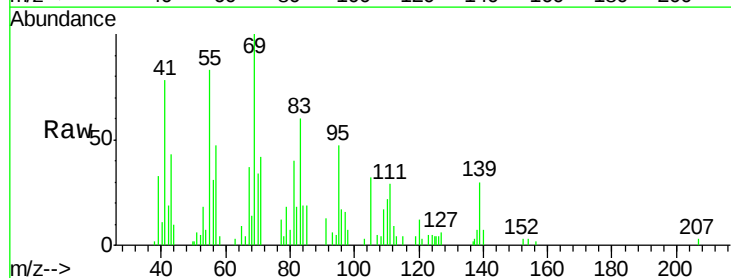
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

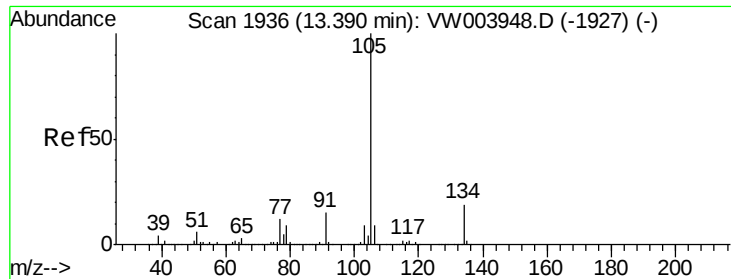
Tot Ion:119 Resp: 1039
 Ion Ratio Lower Upper
 119 100
 91 100.3 33.2 99.6#
 134 22.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 5.03 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion:105 Resp: 1758
 Ion Ratio Lower Upper
 105 100
 120 35.2 22.1 66.1

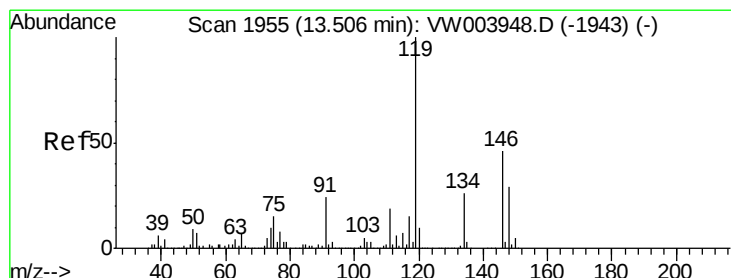
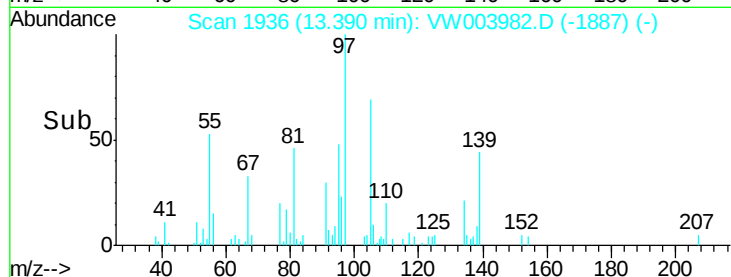
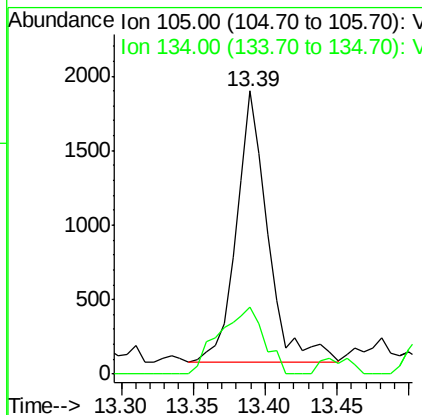
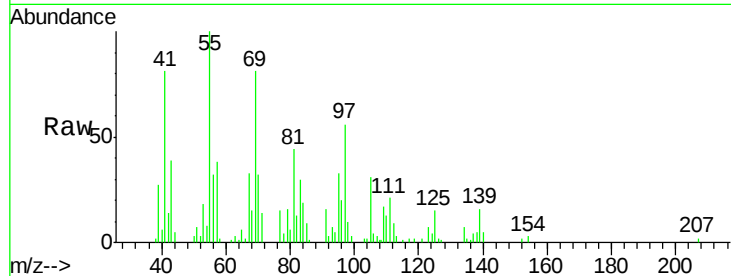




#85
 sec-Butylbenzene
 Concen: 6.51 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

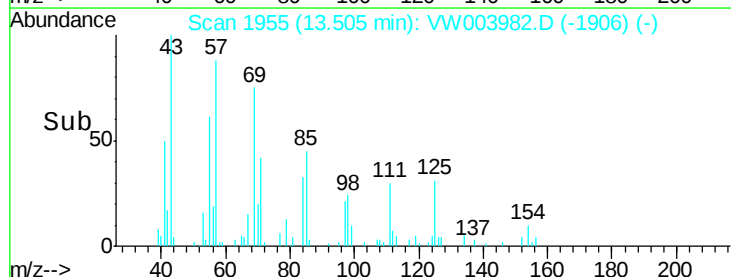
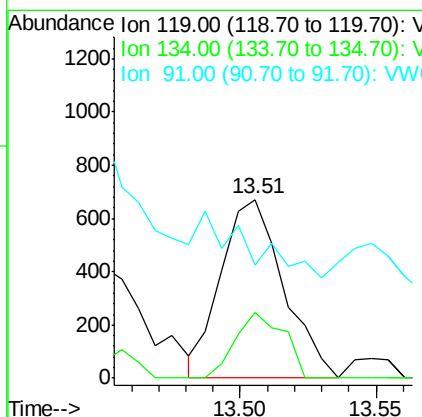
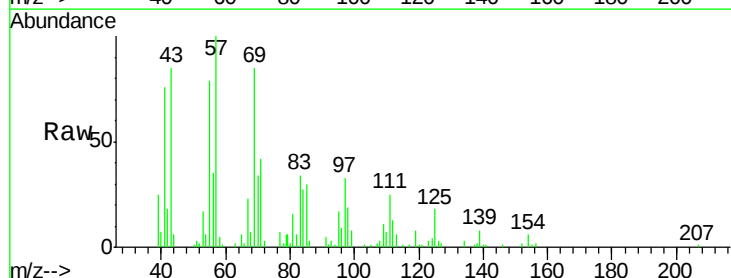
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

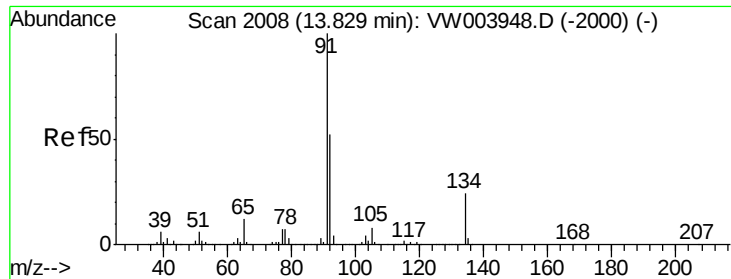
Tot Ion:105 Resp: 2752
 Ion Ratio Lower Upper
 105 100
 134 35.4 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 2.88 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion:119 Resp: 1068
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.0 38.9
 91 0.0 11.8 35.3#

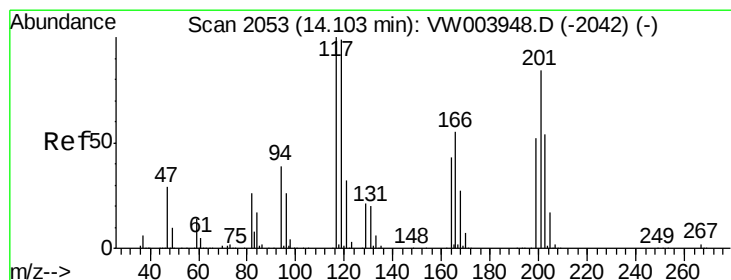
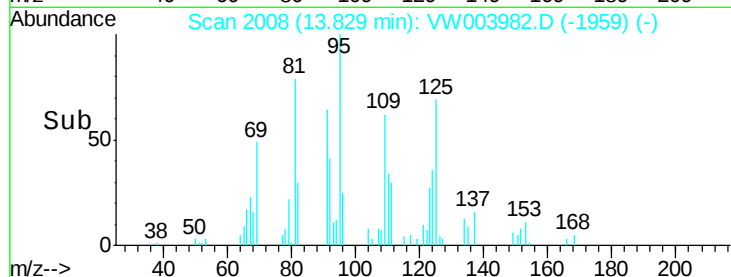
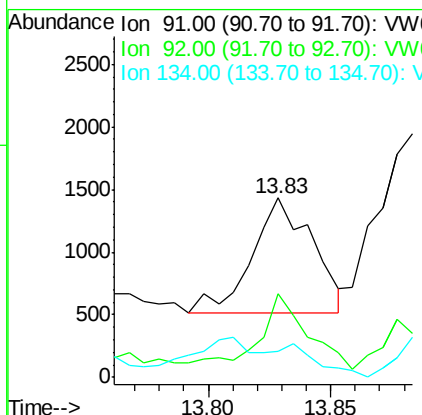
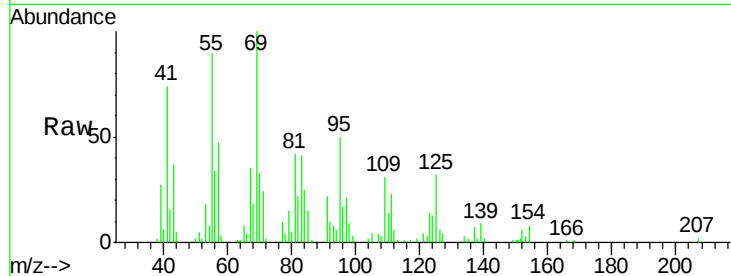




#89
n-Butylbenzene
Concen: 4.33 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

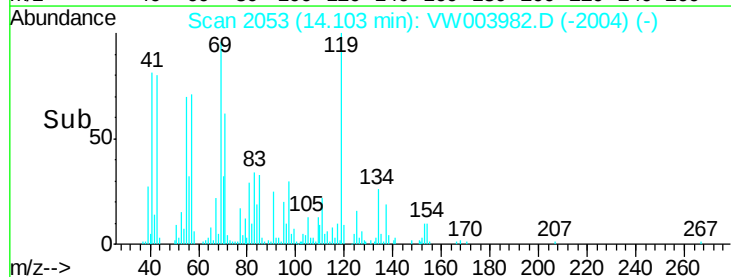
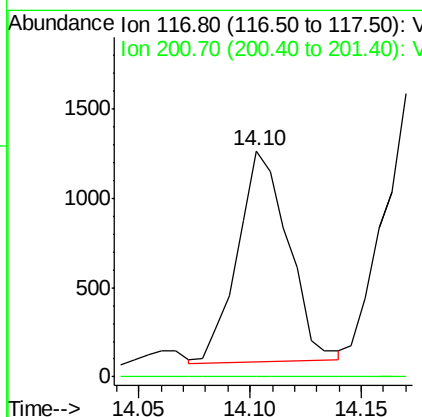
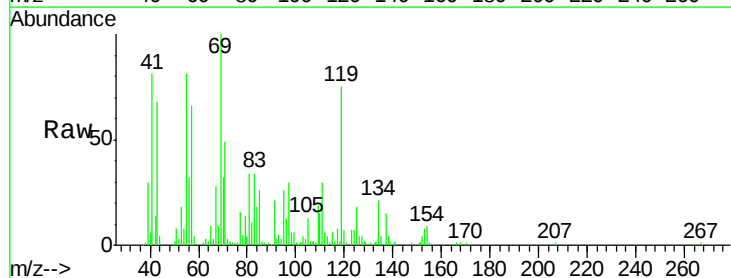
Instrument :
MSVOA_W
ClientSampled :
PAR-6RE

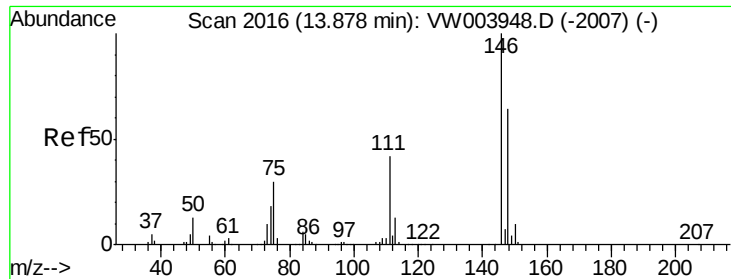
Tot Ion: 91 Resp: 1578
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 21.9 12.4 37.4



#90
Hexachloroethane
Concen: 27.50 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003982.D
Acq: 17 Jul 2018 14:00

Tgt Ion: 117 Resp: 1880
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.9#





#91

1,2-Dichlorobenzene

Concen: 1.09 ug/l

RT: 13.87 min Scan# 2014

Delta R.T. -0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampled :

PAR-6RE

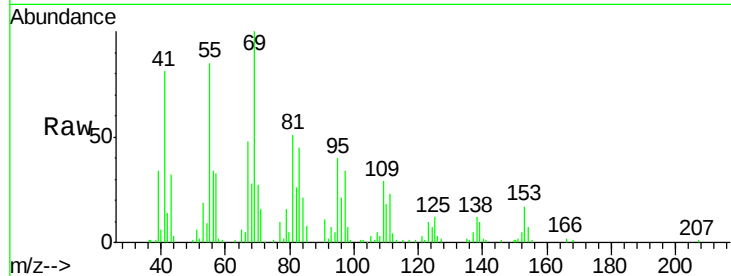
Tot Ion:146 Resp: 188

Ion Ratio Lower Upper

146 100

111 0.0 20.7 62.1#

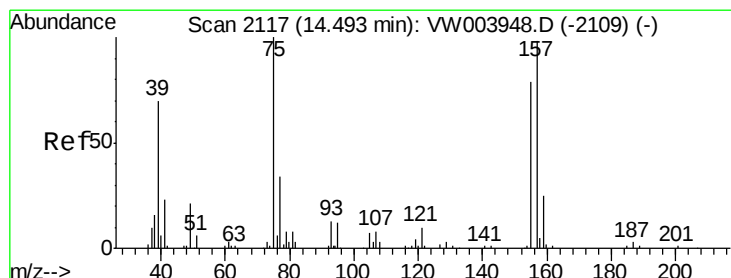
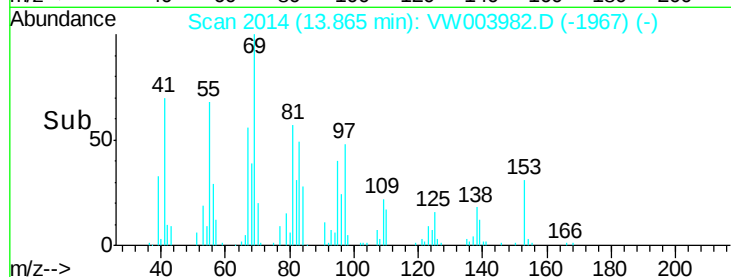
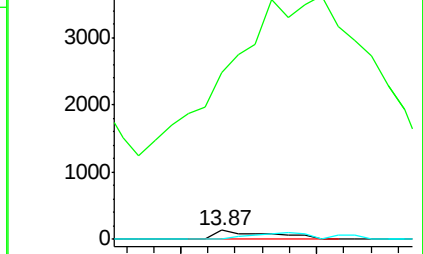
148 0.0 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.92 ug/l

RT: 14.51 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

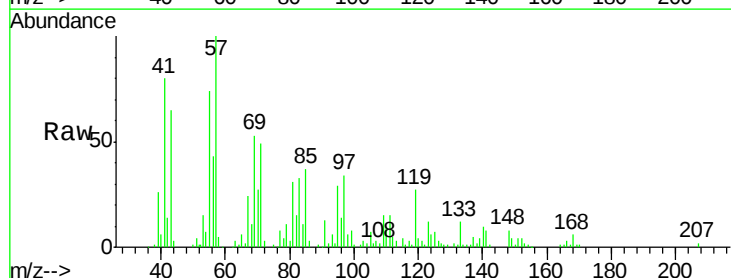
Tgt Ion: 75 Resp: 207

Ion Ratio Lower Upper

75 100

155 101.4 39.4 118.1

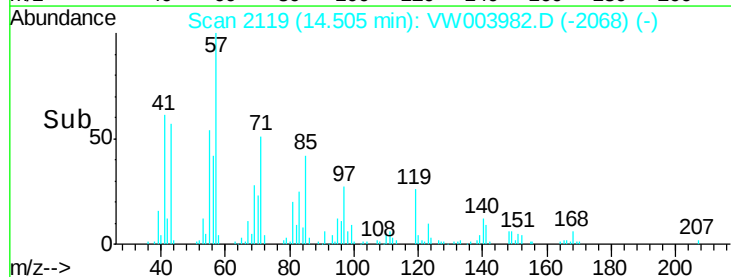
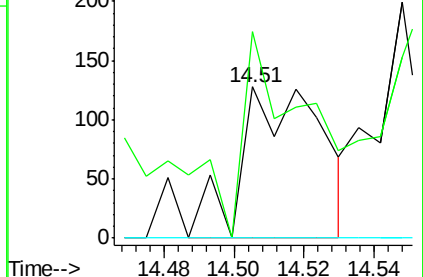
157 0.0 51.8 155.4#

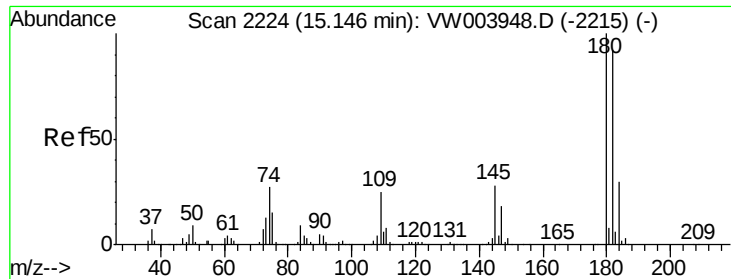


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

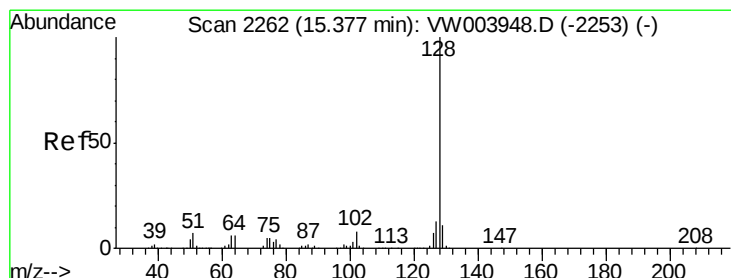
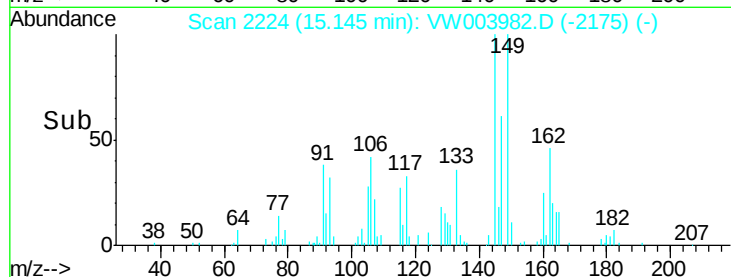
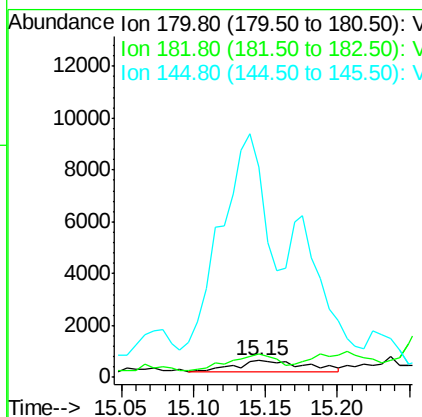
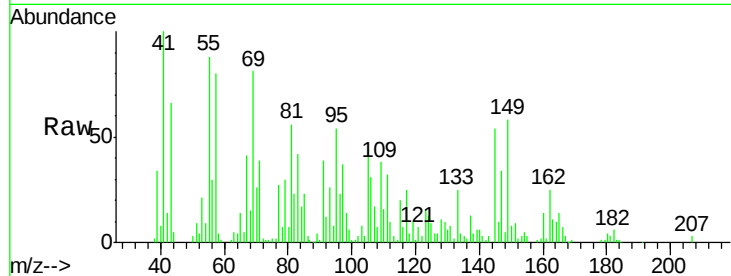




#93
 1,2,4-Trichlorobenzene
 Concen: 13.81 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

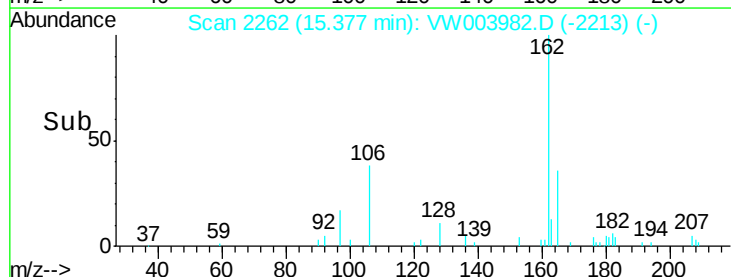
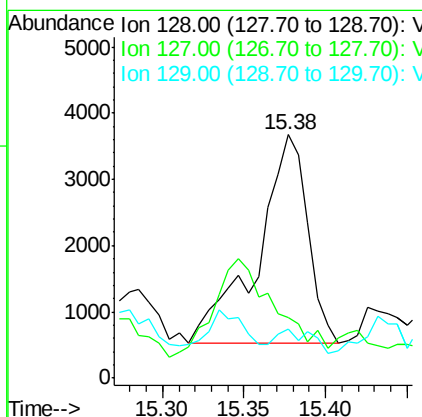
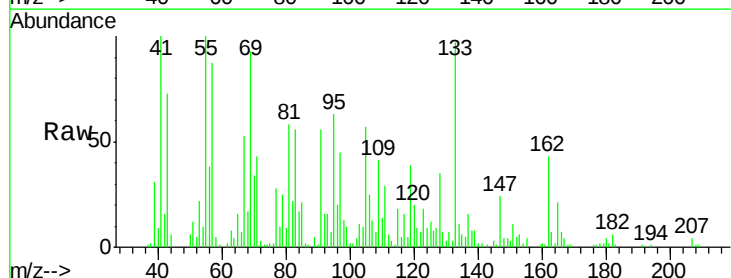
Instrument :
 MSVOA_W
 ClientSampled :
 PAR-6RE

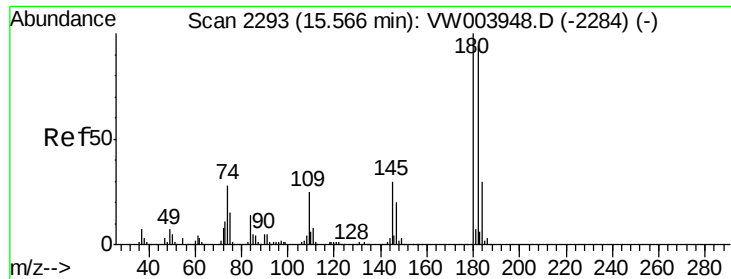
Tot Ion:180 Resp: 1666
 Ion Ratio Lower Upper
 180 100
 182 87.9 46.9 140.8
 145 1311.3 15.0 45.0#



#95
 Naphthalene
 Concen: 30.21 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW003982.D
 Acq: 17 Jul 2018 14:00

Tgt Ion:128 Resp: 6725
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 7.6 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 15.13 ug/l

RT: 15.54 min Scan# 2288

Delta R.T. -0.03 min

Lab File: VW003982.D

Acq: 17 Jul 2018 14:00

Instrument :

MSVOA_W

ClientSampleId :

PAR-6RE

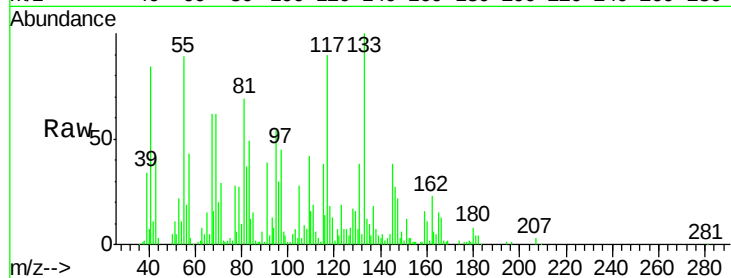
Tot Ion:180 Resp: 1616

Ion Ratio Lower Upper

180 100

182 55.6 47.5 142.6

145 1218.6 15.8 47.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

