

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005204.D
 Acq On : 07 Sep 2018 13:09
 Operator : SY/AP
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 14:52:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	465671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	670212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	653923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175174	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.89	113	168732	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
50) Toluene-d8	10.33	98	827188	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.63	95	301516	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	83586	22.274	ug/l	97
3) Chloromethane	2.21	50	117621	21.600	ug/l	98
4) Vinyl Chloride	2.36	62	111879	21.127	ug/l	99
5) Bromomethane	2.77	94	71910	19.280	ug/l	99
6) Chloroethane	2.92	64	64851	19.675	ug/l	99
7) Trichlorofluoromethane	3.26	101	124439	20.890	ug/l	98
8) Diethyl Ether	3.69	74	42058	19.514	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	88340	21.590	ug/l	97
10) Methyl Iodide	4.27	142	49880	11.353	ug/l	100
11) Tert butyl alcohol	5.20	59	30361	135.220	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	76910	20.425	ug/l	99
13) Acrolein	3.90	56	22385	89.341	ug/l	97
14) Allyl chloride	4.68	41	118202	20.081	ug/l	99
15) Acrylonitrile	5.38	53	88008	96.809	ug/l	100
16) Acetone	4.14	43	74361	96.054	ug/l	98
17) Carbon Disulfide	4.39	76	251754	19.187	ug/l	100
18) Methyl Acetate	4.68	43	40377	17.730	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	184056	20.130	ug/l	99
20) Methylene Chloride	4.92	84	120655	20.797	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	87271	19.023	ug/l	99
22) Diisopropyl ether	6.32	45	251762	20.326	ug/l	98
23) Vinyl Acetate	6.26	43	690770	106.175	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151528	19.572	ug/l	99
25) 2-Butanone	7.18	43	135772	101.114	ug/l	99
26) 2,2-Dichloropropane	7.17	77	136411	21.441	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	94671	18.864	ug/l	95
28) Bromochloromethane	7.52	49	57895	18.579	ug/l	95
29) Tetrahydrofuran	7.54	42	69518	101.324	ug/l	96
30) Chloroform	7.68	83	149534	18.924	ug/l	97
31) Cyclohexane	7.96	56	166210	21.923	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	138904	20.184	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135333	21.202	ug/l	99
37) Ethyl Acetate	7.26	43	49838	20.878	ug/l	100
38) Carbon Tetrachloride	8.07	117	122757	20.226	ug/l	99

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Quant Time: Sep 07 14:52:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	160061	20.735	ug/l	99
40) Benzene	8.33	78	382613	19.580	ug/l	99
41) Methacrylonitrile	7.49	41	28980	20.953	ug/l	100
42) 1,2-Dichloroethane	8.40	62	92330	19.306	ug/l	100
43) Isopropyl Acetate	8.43	43	89046	20.500	ug/l	99
44) Trichloroethene	9.10	130	102877	19.513	ug/l	99
45) 1,2-Dichloropropane	9.37	63	95321	19.968	ug/l	100
46) Dibromomethane	9.46	93	42982	18.830	ug/l	97
47) Bromodichloromethane	9.65	83	112164	19.515	ug/l	98
48) Methyl methacrylate	9.44	41	44241	21.152	ug/l	90
49) 1,4-Dioxane	9.47	88	13915	376.956	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	291678	100.191	ug/l	100
52) Toluene	10.39	92	259760	19.619	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	112927	19.995	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	139839	20.360	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	69563	19.683	ug/l	99
56) Ethyl methacrylate	10.65	69	77371	19.189	ug/l	97
57) 1,3-Dichloropropane	10.94	76	113413	19.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	204258	106.908	ug/l	98
59) 2-Hexanone	10.98	43	204055	103.632	ug/l	99
60) Dibromochloromethane	11.13	129	73790	18.468	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60357	18.916	ug/l	98
64) Tetrachloroethene	10.87	164	93529	18.229	ug/l	95
65) Chlorobenzene	11.66	112	285409	19.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84090	18.692	ug/l	98
67) Ethyl Benzene	11.74	91	497673	19.997	ug/l	99
68) m/p-Xylenes	11.85	106	403230	40.466	ug/l	99
69) o-Xylene	12.17	106	182859	19.848	ug/l	99
70) Styrene	12.19	104	297681	19.560	ug/l	99
71) Bromoform	12.35	173	43175	18.108	ug/l #	99
73) Isopropylbenzene	12.47	105	501837	20.229	ug/l	100
74) N-amyl acetate	12.28	43	88052	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	74764	19.797	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	96571	36.568	ug/l #	100
77) Bromobenzene	12.76	156	118215	19.340	ug/l	98
78) n-propylbenzene	12.81	91	621446	20.751	ug/l	99
79) 2-Chlorotoluene	12.90	91	350933	20.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	429364	20.014	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	21515	19.609	ug/l	96
82) 4-Chlorotoluene	12.99	91	367338	19.910	ug/l	100
83) tert-Butylbenzene	13.21	119	365439	20.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	433917	19.860	ug/l	99
85) sec-Butylbenzene	13.39	105	547185	20.783	ug/l	99
86) p-Isopropyltoluene	13.51	119	475910	20.420	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	244248	19.453	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	240948	19.345	ug/l	98
89) n-Butylbenzene	13.83	91	447174	20.703	ug/l	99
90) Hexachloroethane	14.10	117	74157	19.155	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	212726	19.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11461	19.420	ug/l	96

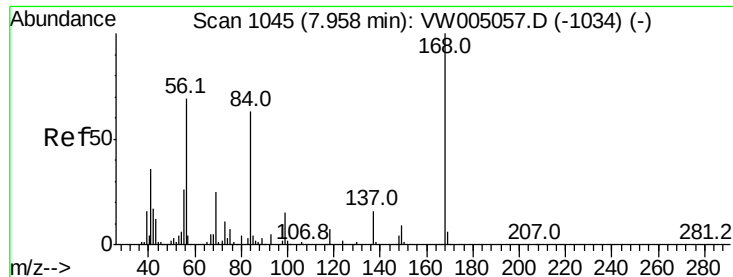
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090718\
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	142083	19.362	ug/l	99
94) Hexachlorobutadiene	15.25	225	93612	20.511	ug/l	100
95) Naphthalene	15.38	128	215172	19.592	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	120013	19.110	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

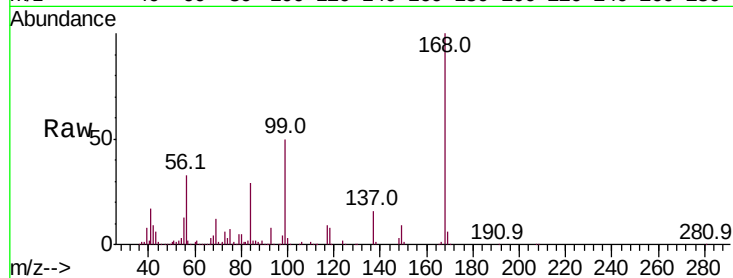
ClientSampleId :

Tot Ion:168 Resp: 465671

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

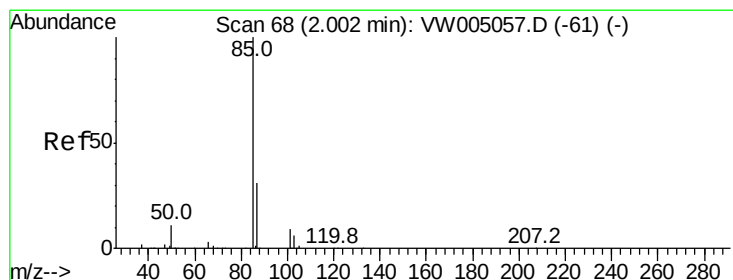
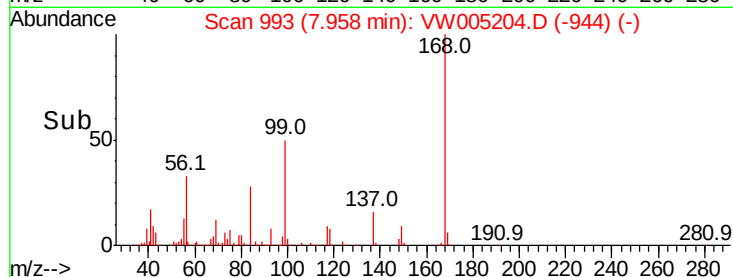
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.274 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005204.D

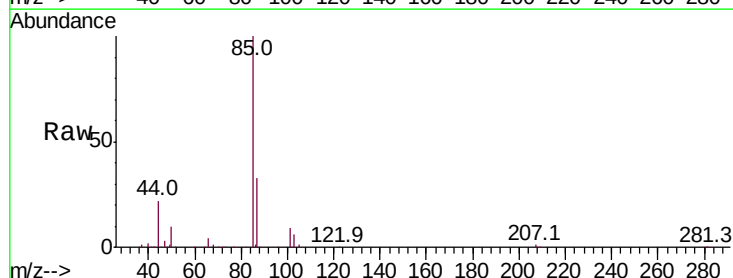
Acq: 07 Sep 2018 13:09

Tgt Ion: 85 Resp: 83586

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

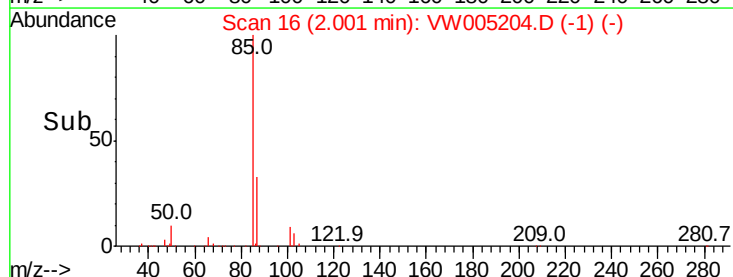
20000

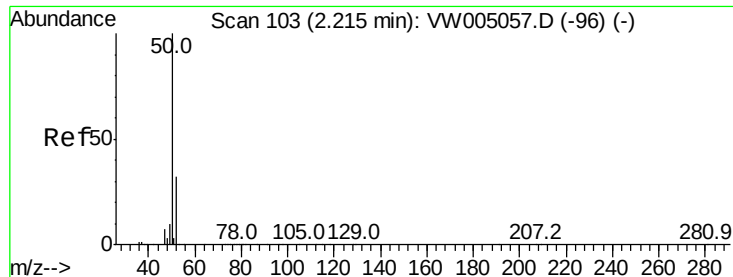
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.600 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

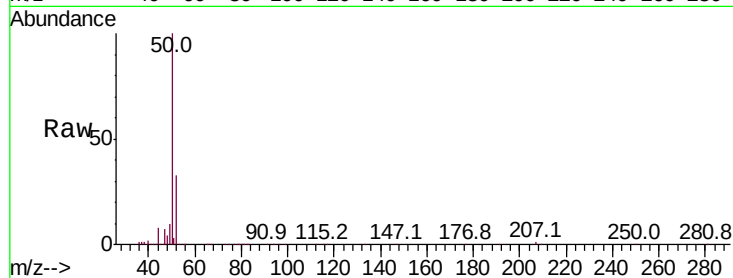
ClientSampleId :

Tot Ion: 50 Resp: 117621

Ion Ratio Lower Upper

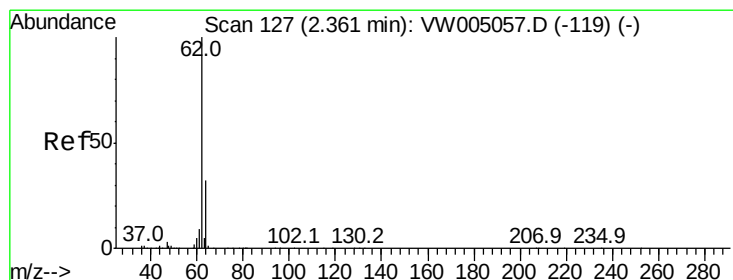
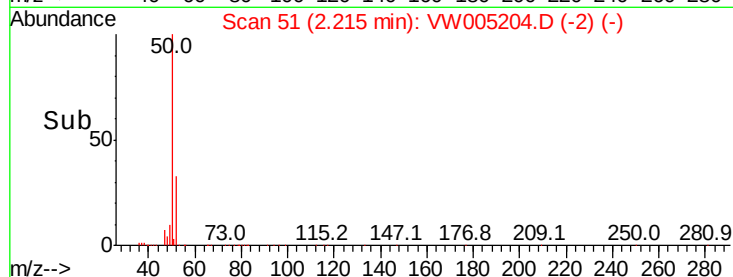
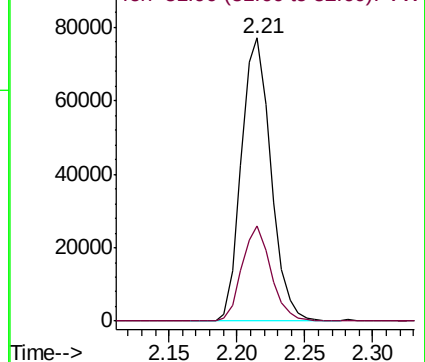
50 100

52 33.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.127 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005204.D

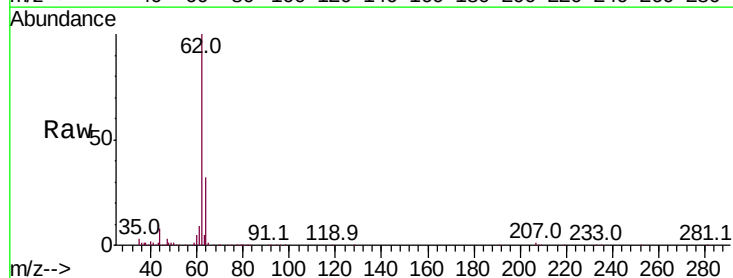
Acq: 07 Sep 2018 13:09

Tgt Ion: 62 Resp: 111879

Ion Ratio Lower Upper

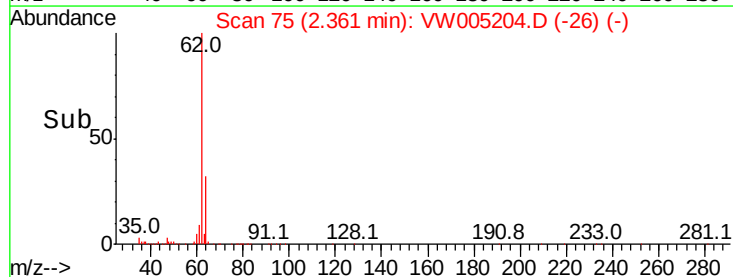
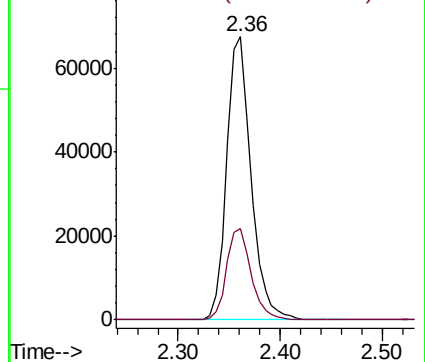
62 100

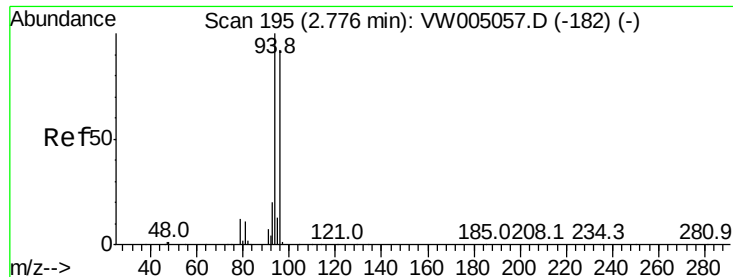
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.280 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

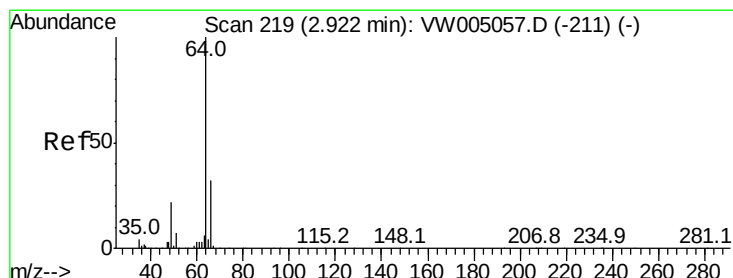
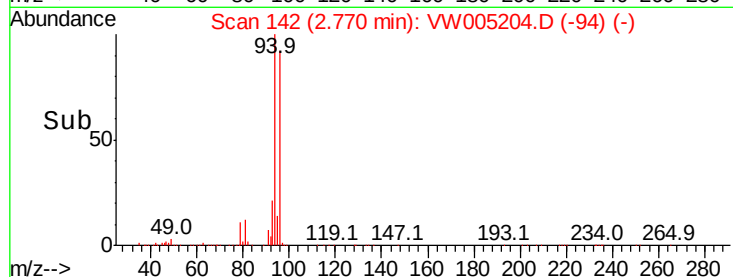
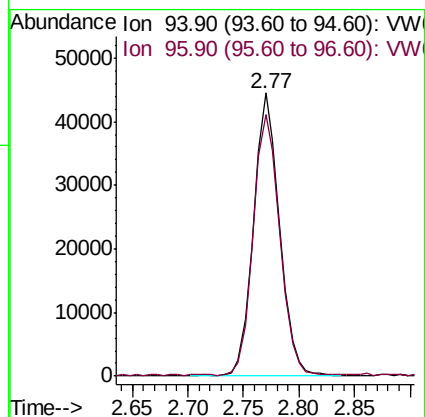
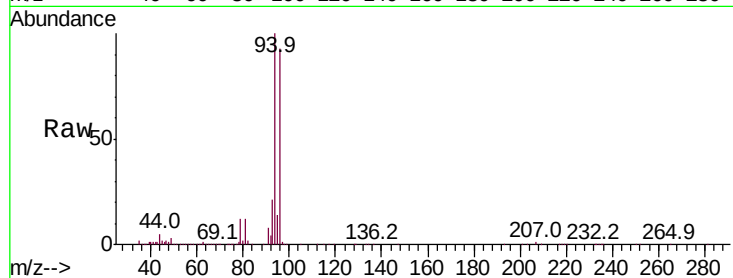
ClientSampleId :

Tot Ion: 94 Resp: 71910

Ion Ratio Lower Upper

94 100

96 92.2 73.2 109.8



#6

Chloroethane

Concen: 19.675 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005204.D

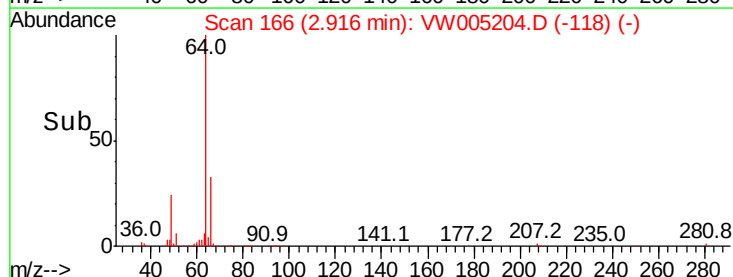
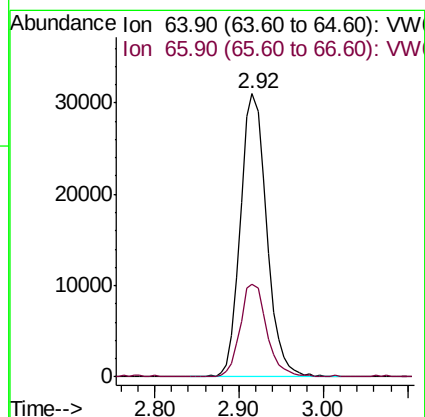
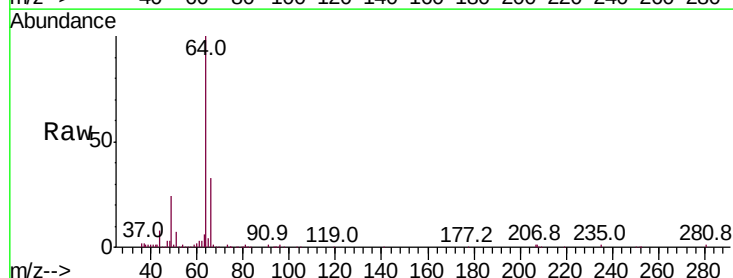
Acq: 07 Sep 2018 13:09

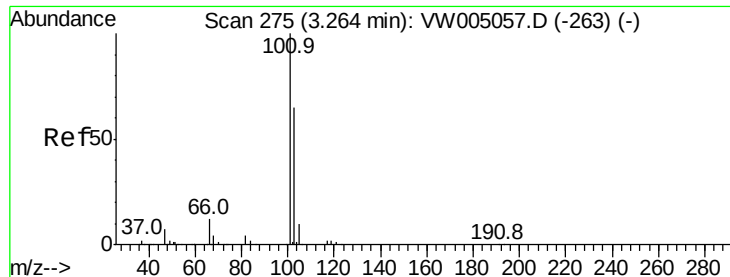
Tgt Ion: 64 Resp: 64851

Ion Ratio Lower Upper

64 100

66 32.5 25.7 38.5



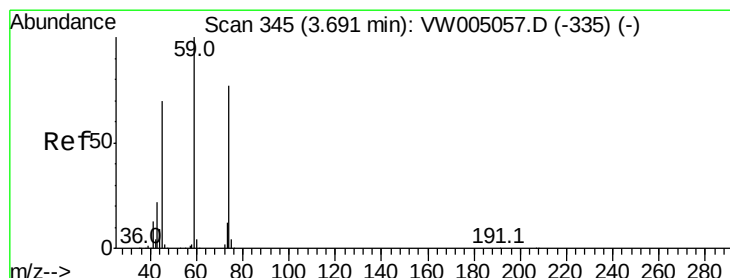
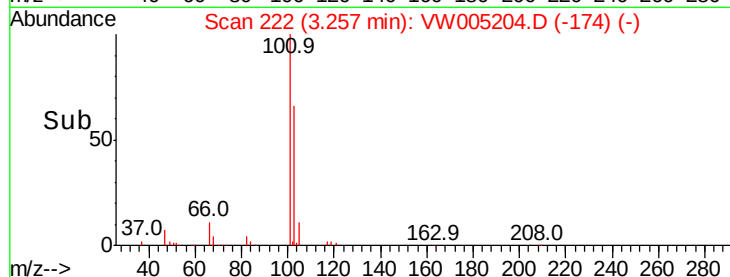
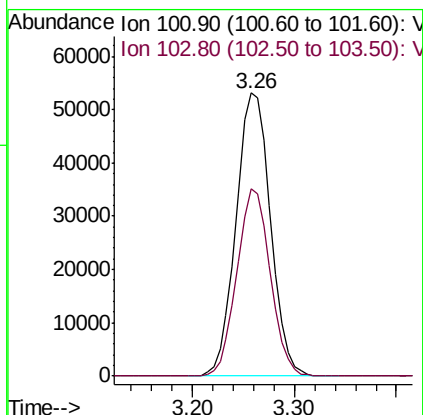
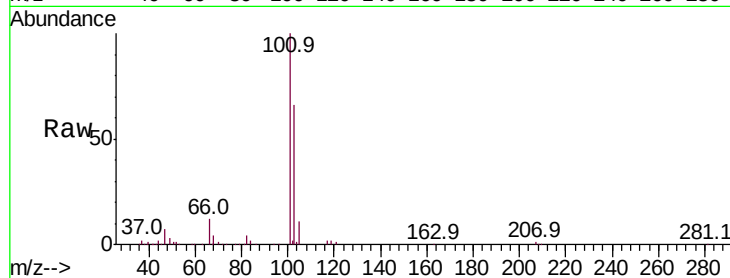


#7

Trichlorofluoromethane
 Concen: 20.890 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampled :

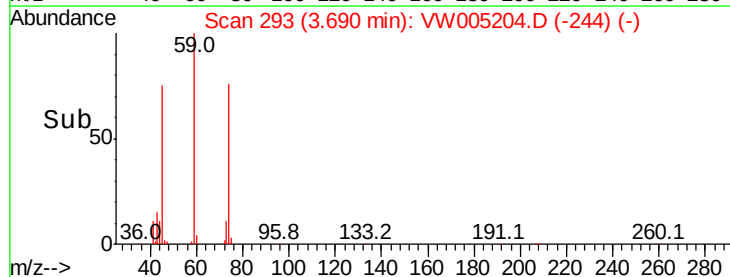
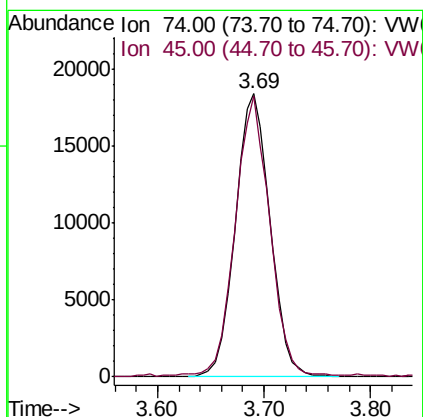
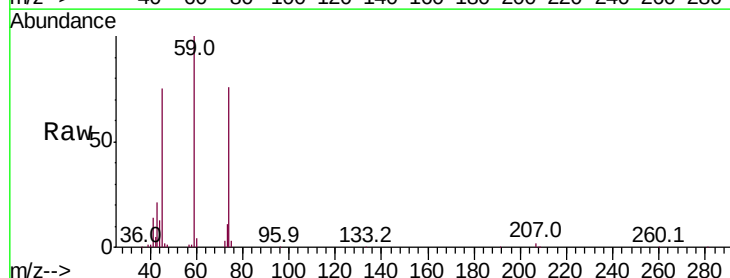
Tot Ion:101 Resp: 124439
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9

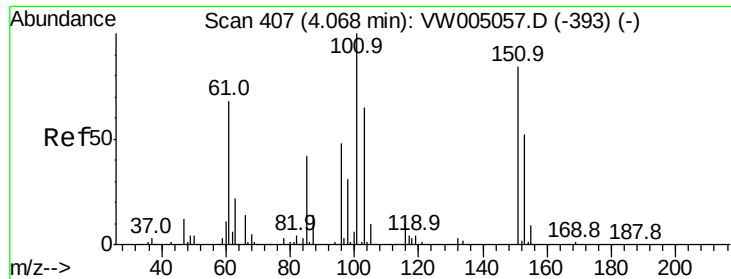


#8

Diethyl Ether
 Concen: 19.514 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion: 74 Resp: 42058
 Ion Ratio Lower Upper
 74 100
 45 99.7 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.590 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

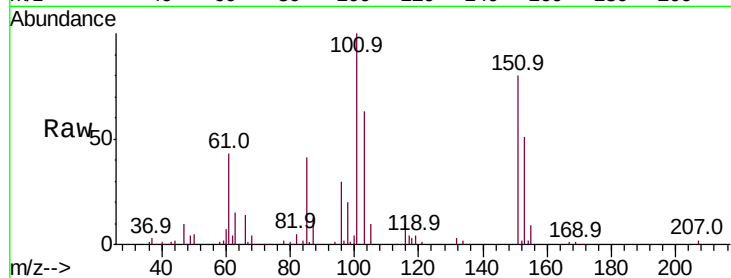
Tot Ion:101 Resp: 88340

Ion Ratio Lower Upper

101 100

85 41.9 33.0 49.6

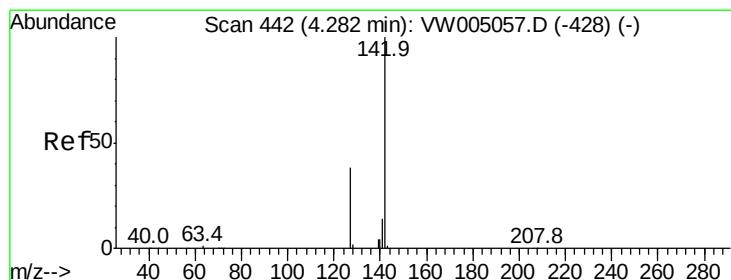
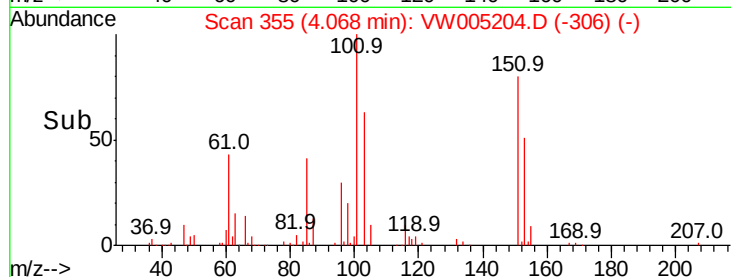
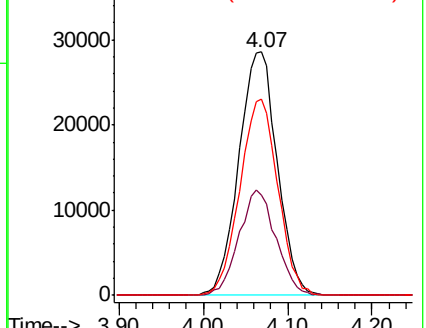
151 79.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.353 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

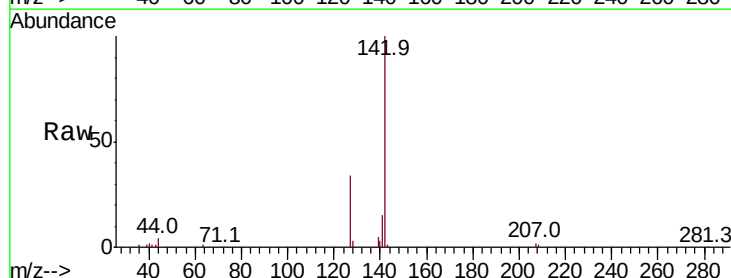
Tgt Ion:142 Resp: 49880

Ion Ratio Lower Upper

142 100

127 38.5 30.8 46.2

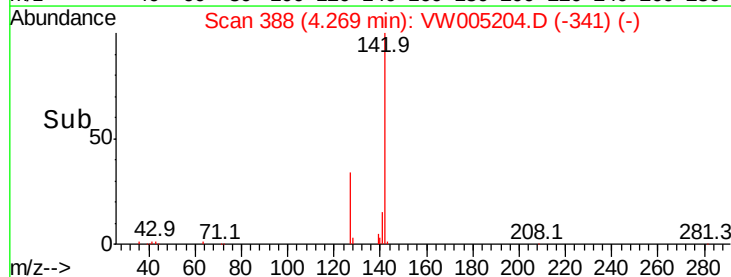
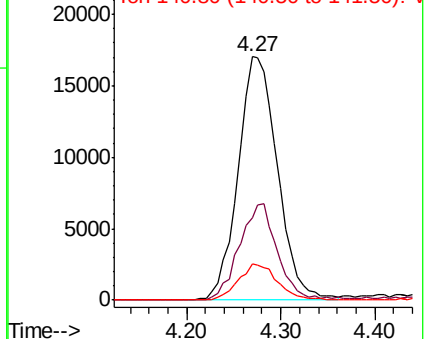
141 14.6 11.6 17.4

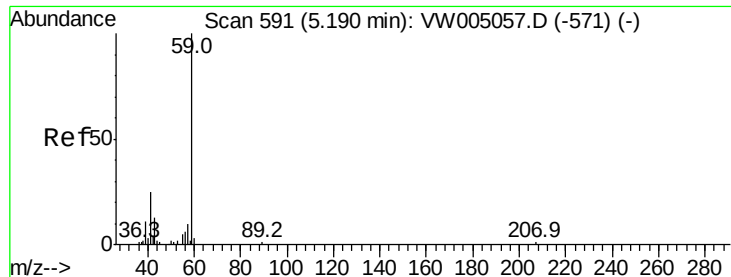


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



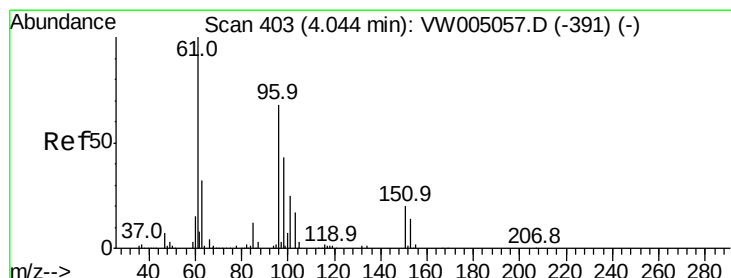
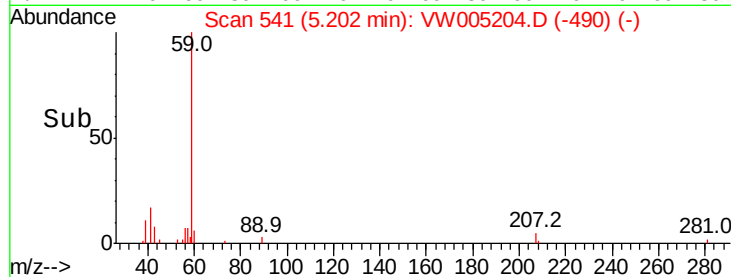
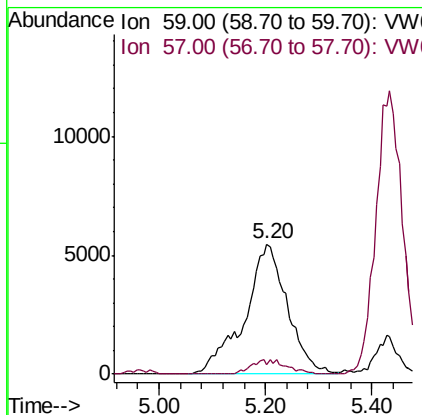
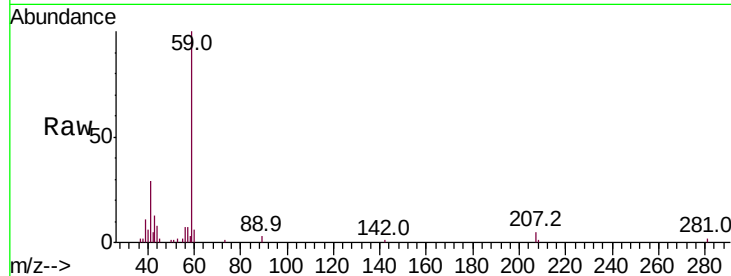


#11

Tert butyl alcohol
 Concen: 135.220 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Instrument :
 MSVOA_W
 ClientSampled :

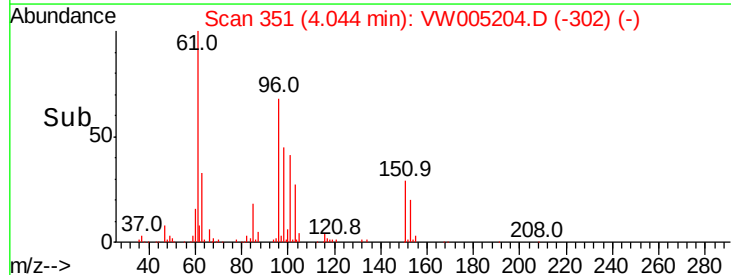
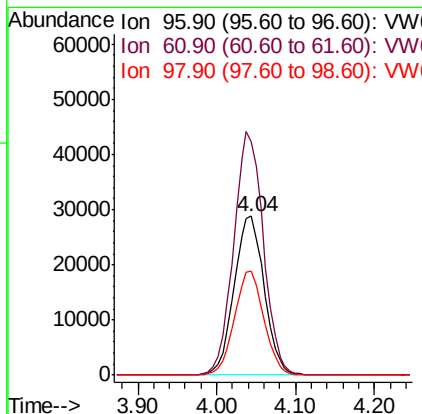
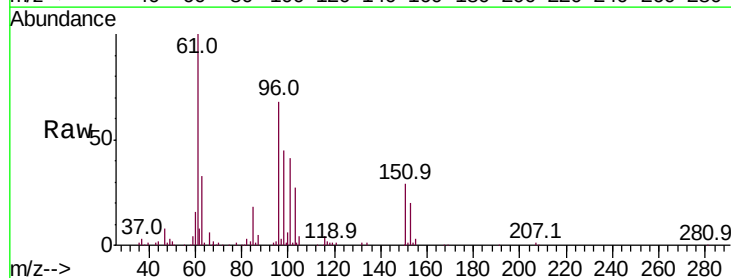
Tot Ion: 59 Resp: 30361
 Ion Ratio Lower Upper
 59 100
 57 4.0 8.6 12.8#

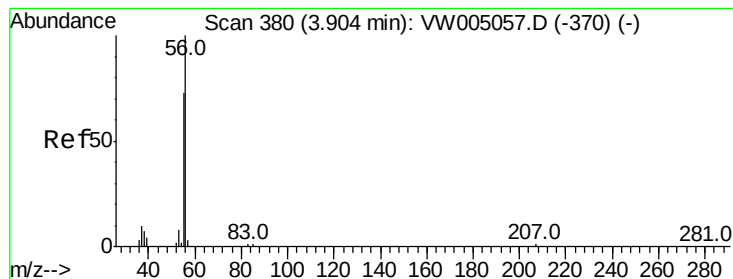


#12

1,1-Dichloroethene
 Concen: 20.425 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion: 96 Resp: 76910
 Ion Ratio Lower Upper
 96 100
 61 146.4 117.4 176.0
 98 65.4 51.0 76.4





#13

Acrolein

Concen: 89.341 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

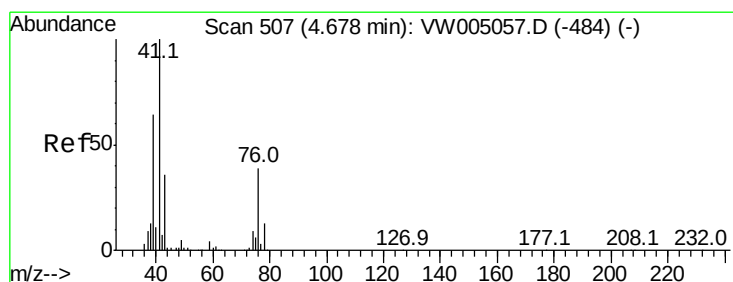
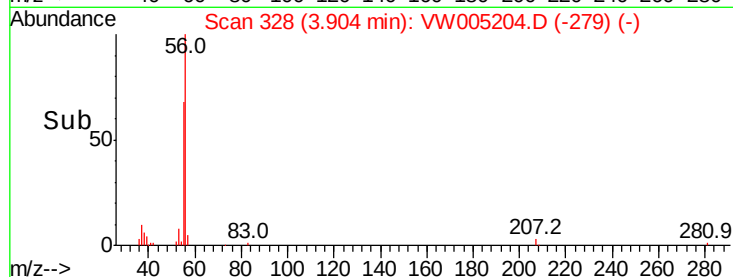
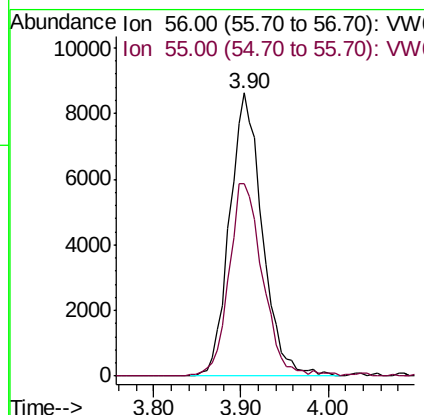
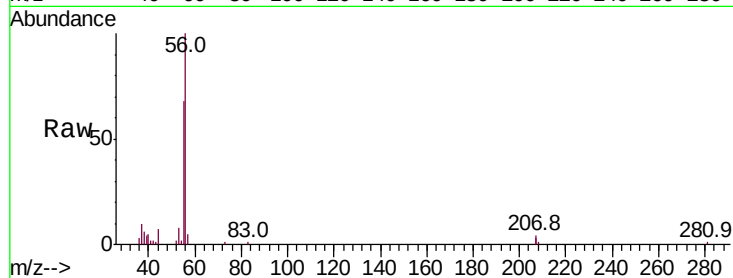
ClientSampleId :

Tot Ion: 56 Resp: 22385

Ion Ratio Lower Upper

56 100

55 69.8 58.1 87.1



#14

Allyl chloride

Concen: 20.081 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

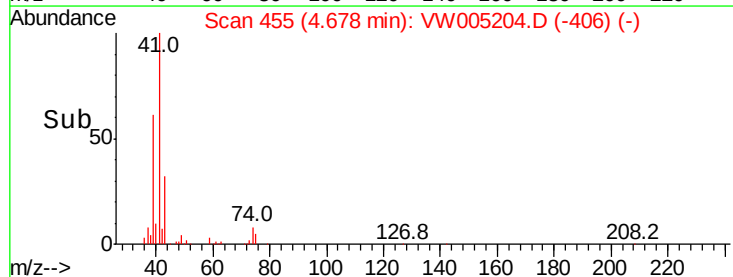
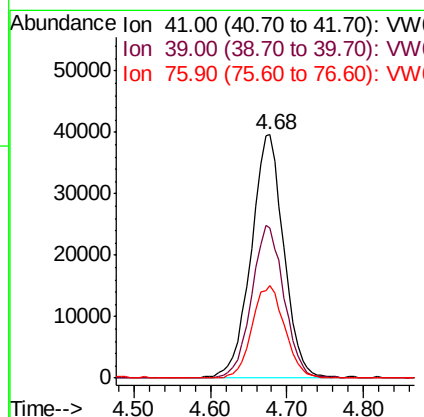
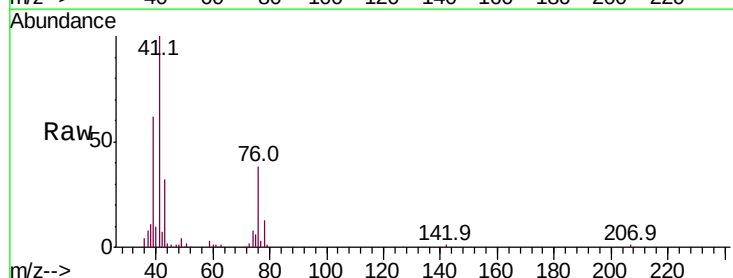
Tgt Ion: 41 Resp: 118202

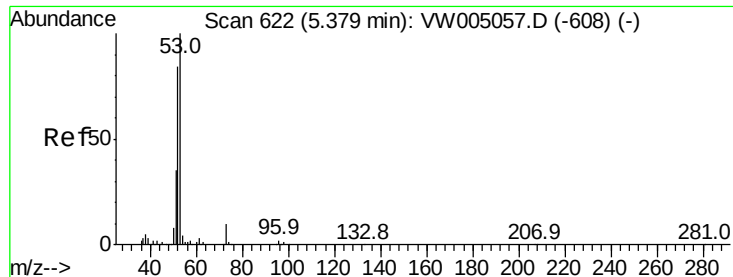
Ion Ratio Lower Upper

41 100

39 62.0 49.4 74.2

76 38.0 31.8 47.6





#15

Acrylonitrile

Concen: 96.809 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

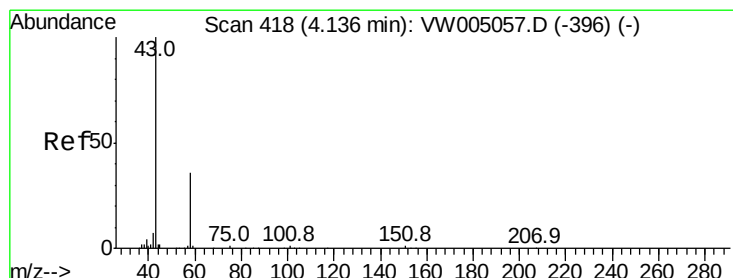
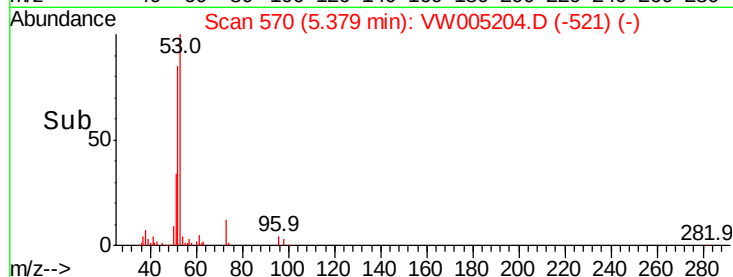
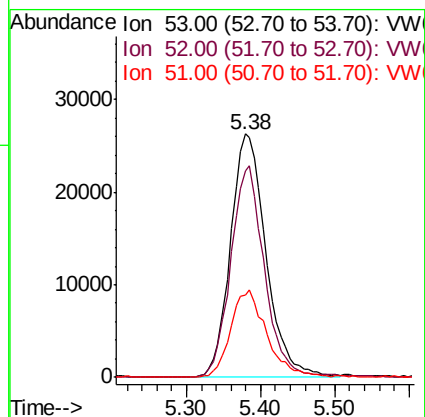
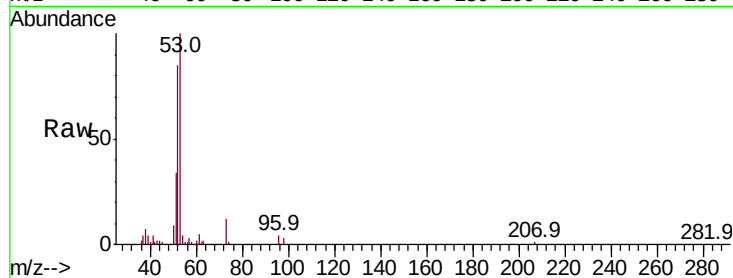
Tot Ion: 53 Resp: 88008

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

51 36.4 28.8 43.2



#16

Acetone

Concen: 96.054 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005204.D

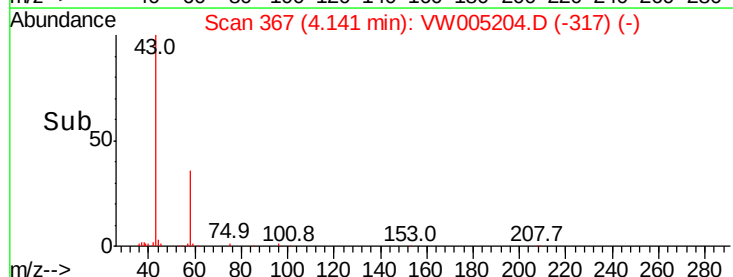
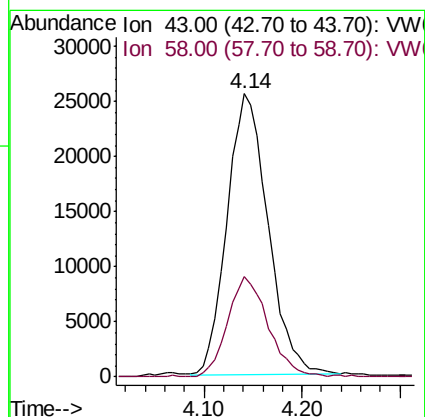
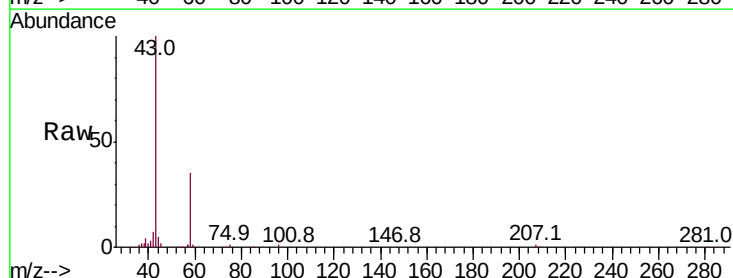
Acq: 07 Sep 2018 13:09

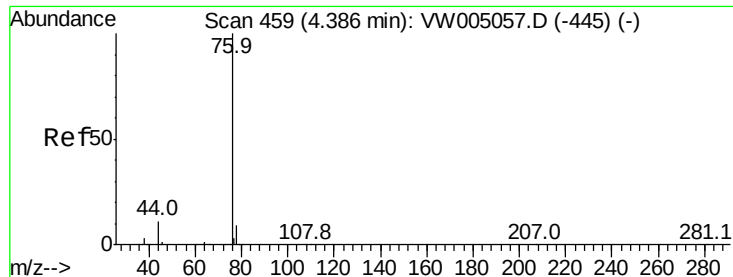
Tgt Ion: 43 Resp: 74361

Ion Ratio Lower Upper

43 100

58 35.2 29.0 43.6





#17

Carbon Disulfide

Concen: 19.187 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

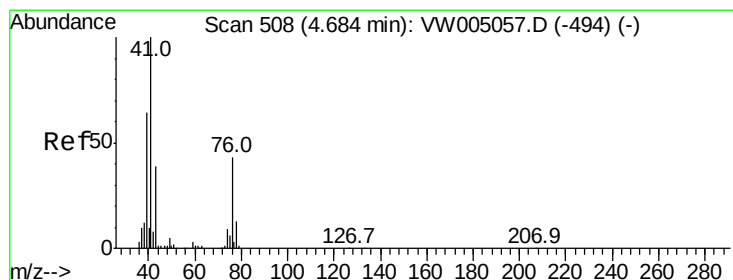
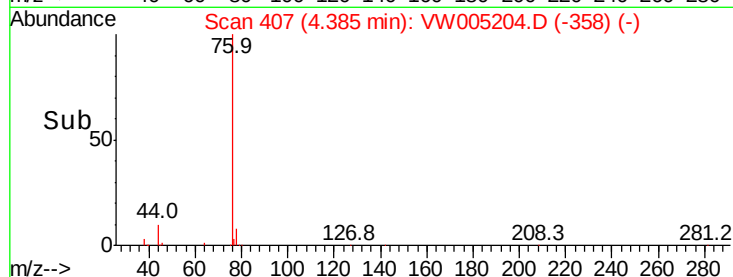
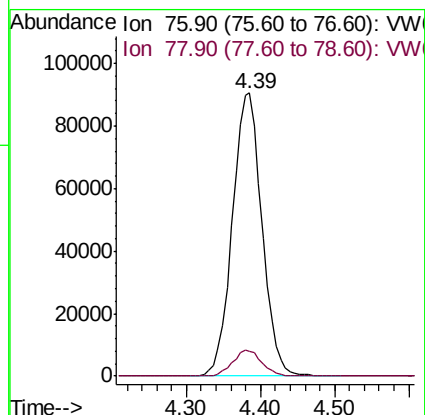
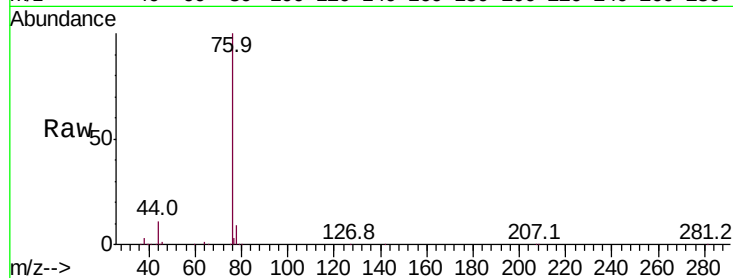
ClientSampled :

Tot Ion: 76 Resp: 251754

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 17.730 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005204.D

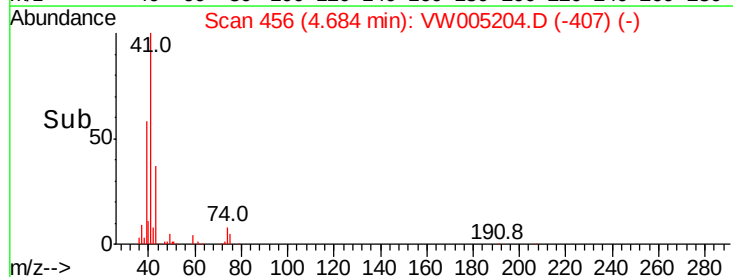
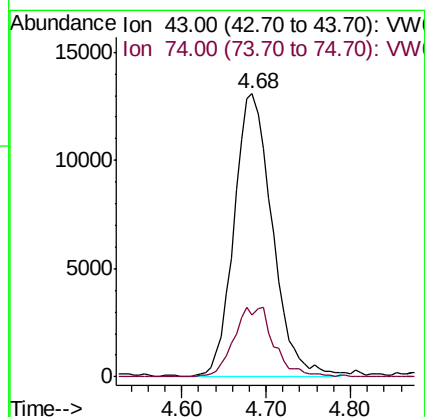
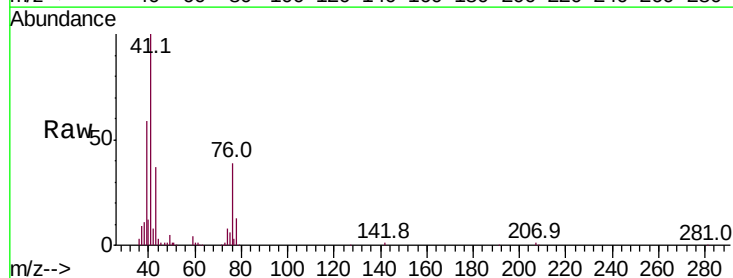
Acq: 07 Sep 2018 13:09

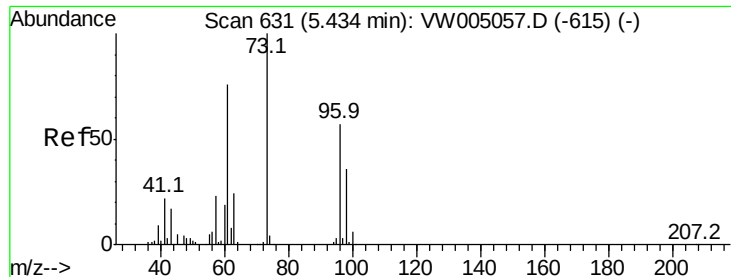
Tgt Ion: 43 Resp: 40377

Ion Ratio Lower Upper

43 100

74 25.7 20.7 31.1

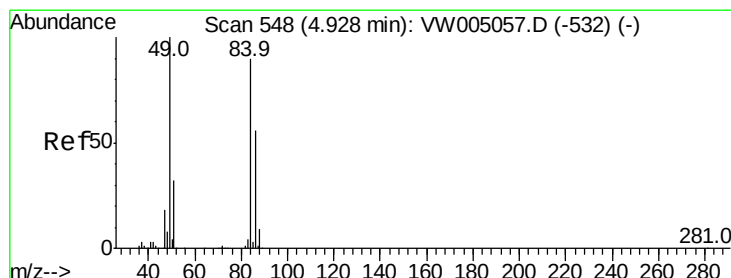
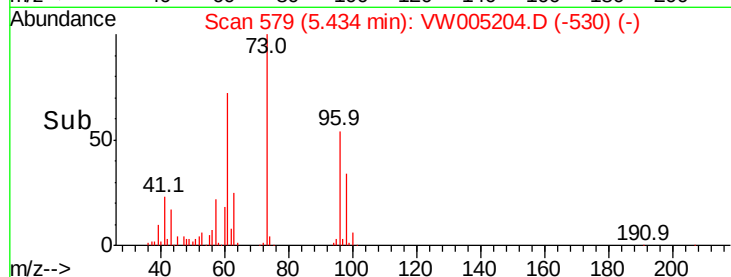
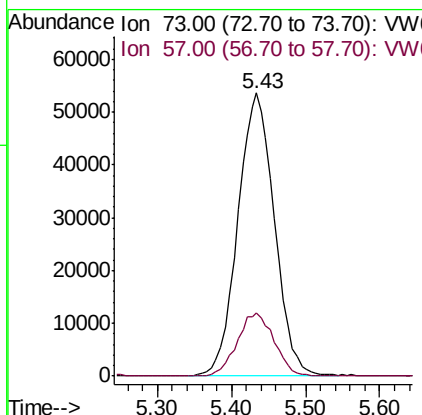
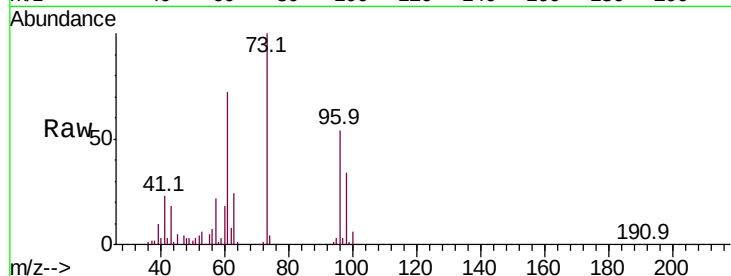




#19
Methyl tert-butyl Ether
Concen: 20.130 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

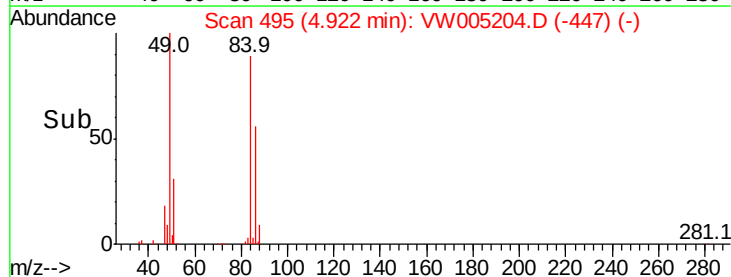
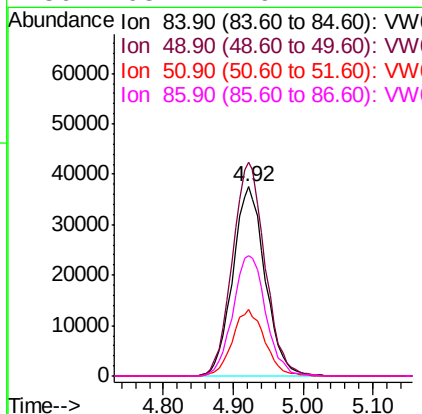
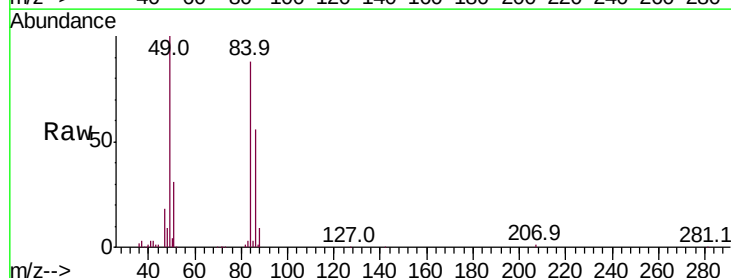
Instrument :
MSVOA_W
ClientSampled :

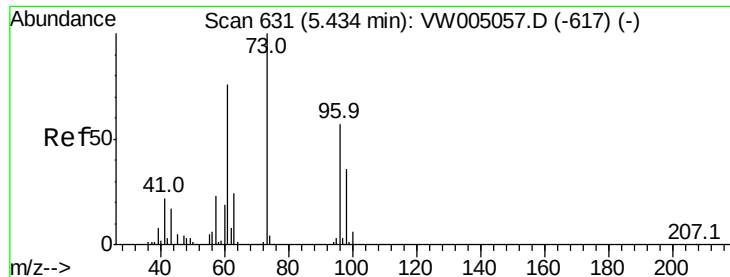
Tot Ion: 73 Resp: 184056
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1



#20
Methylene Chloride
Concen: 20.797 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 84 Resp: 120655
Ion Ratio Lower Upper
84 100
49 113.0 88.7 133.1
51 35.1 28.6 42.8
86 63.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.023 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

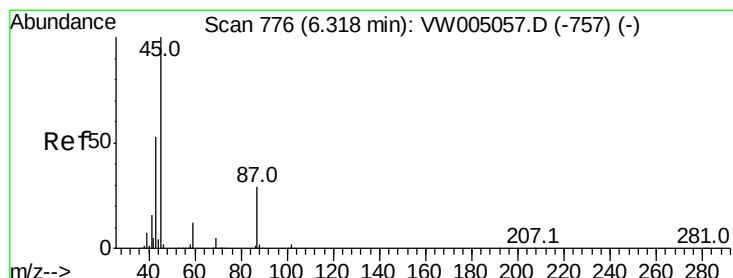
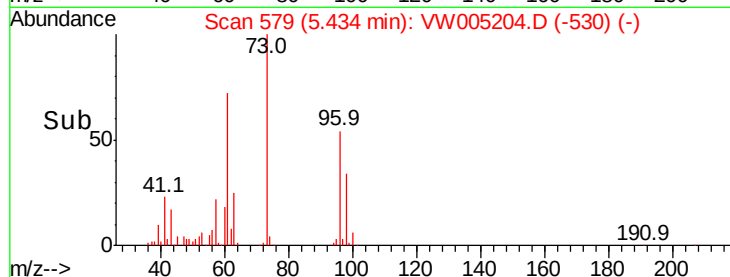
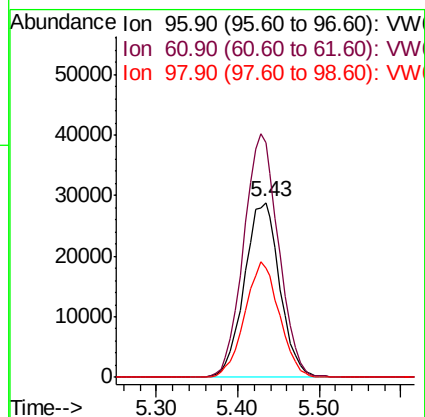
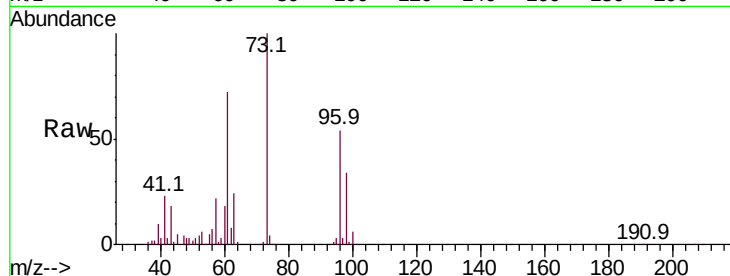
Tot Ion: 96 Resp: 87271

Ion Ratio Lower Upper

96 100

61 134.2 106.3 159.5

98 62.4 50.9 76.3



#22

Diisopropyl ether

Concen: 20.326 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion: 45 Resp: 251762

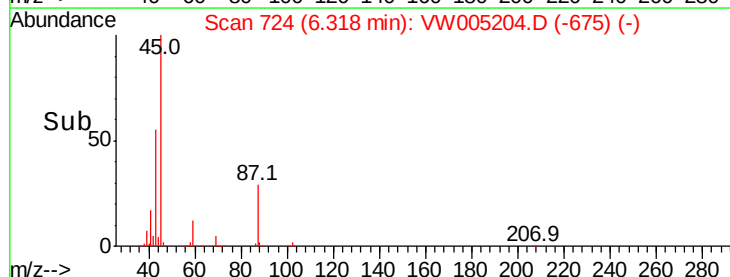
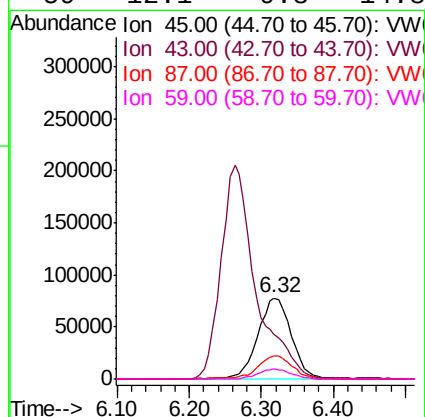
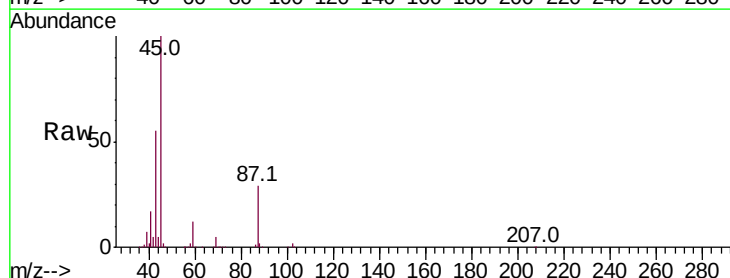
Ion Ratio Lower Upper

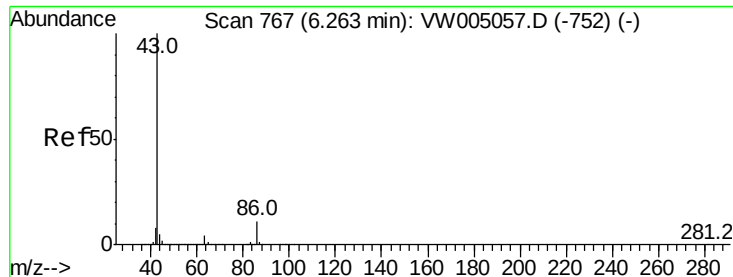
45 100

43 55.0 42.6 63.8

87 28.8 23.6 35.4

59 12.1 9.8 14.8





#23

Vinyl Acetate

Concen: 106.175 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

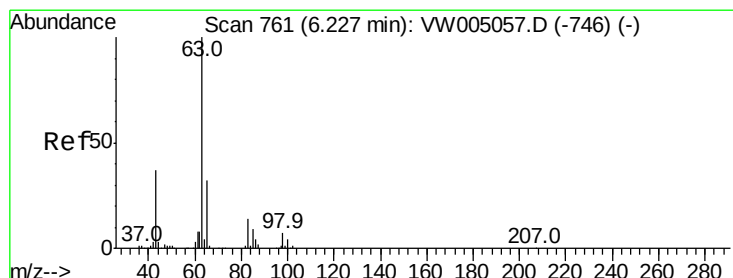
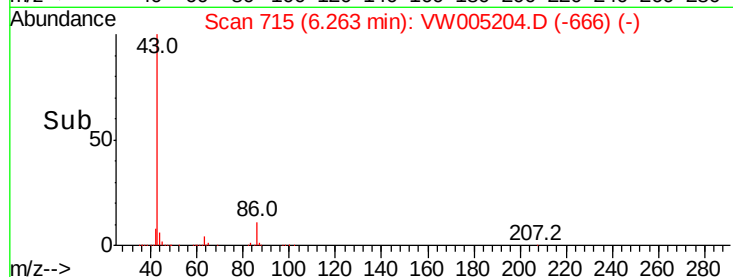
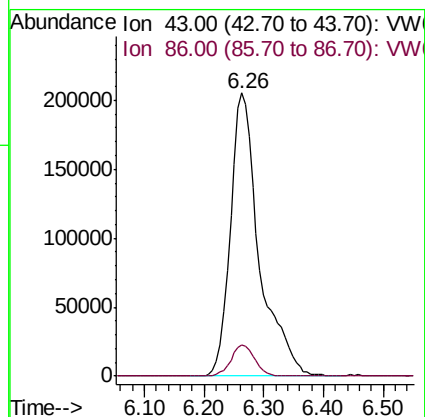
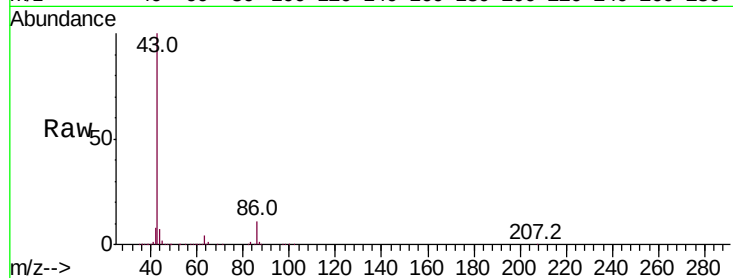
ClientSampleId :

Tot Ion: 43 Resp: 690770

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 19.572 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

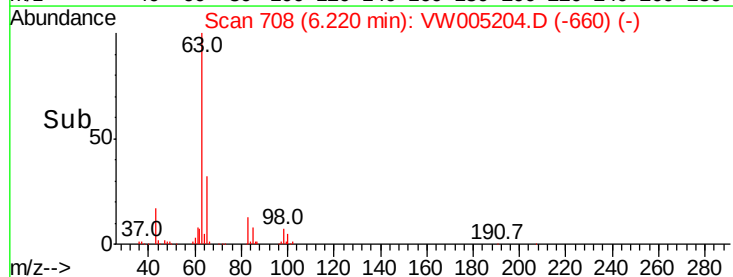
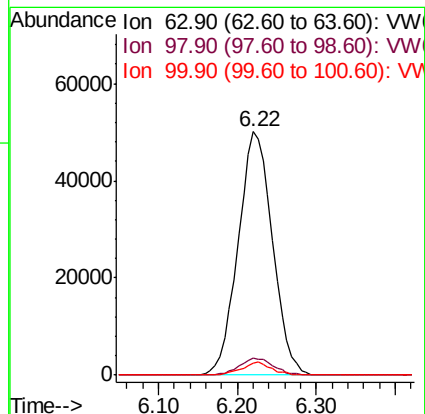
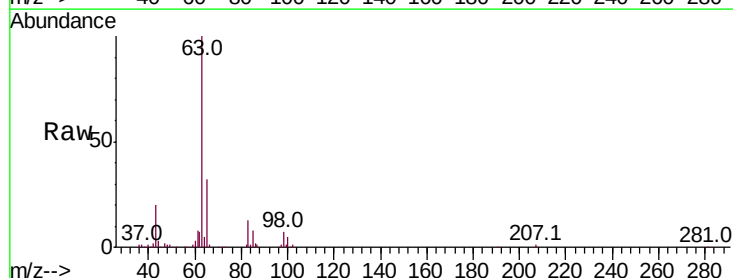
Tgt Ion: 63 Resp: 151528

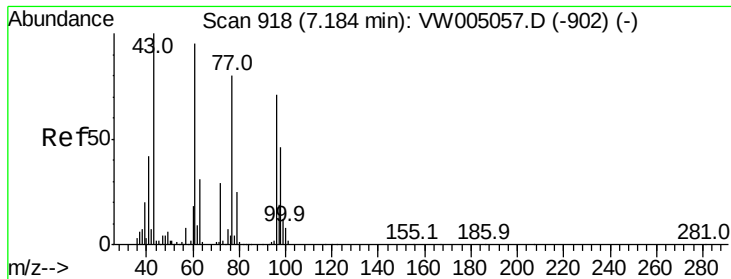
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 101.114 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

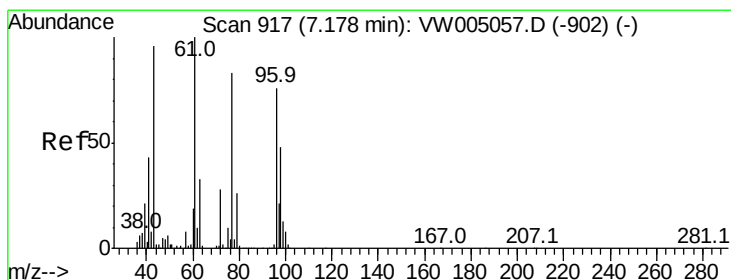
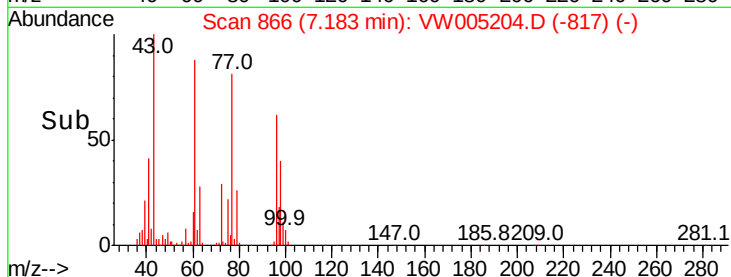
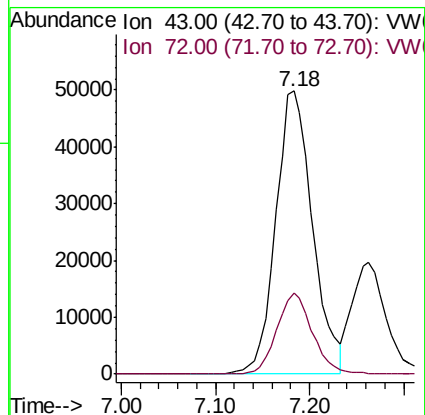
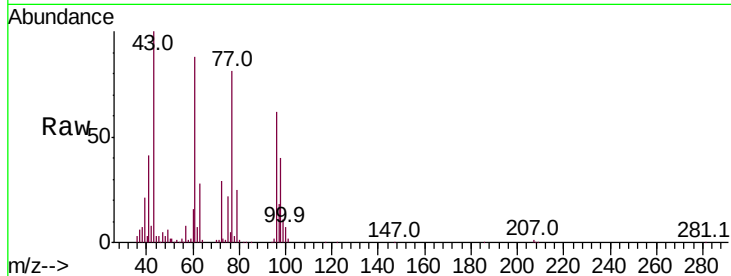
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 135772

Ion Ratio Lower Upper

43 100

72 28.6 23.1 34.7



#26

2,2-Dichloropropane

Concen: 21.441 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005204.D

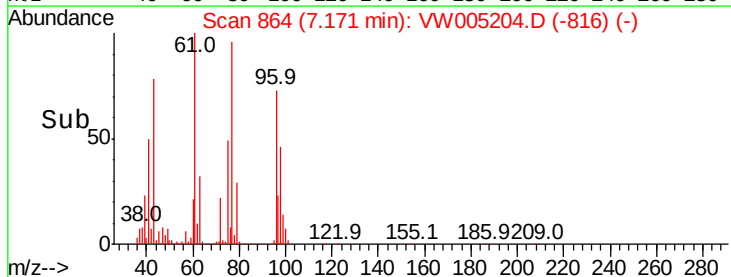
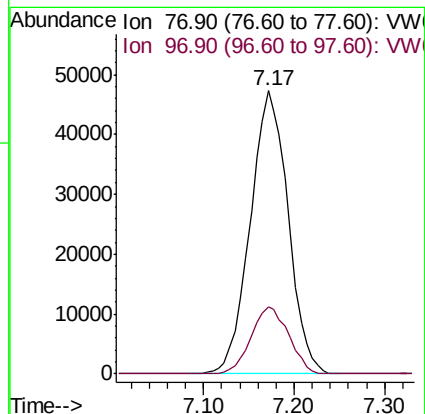
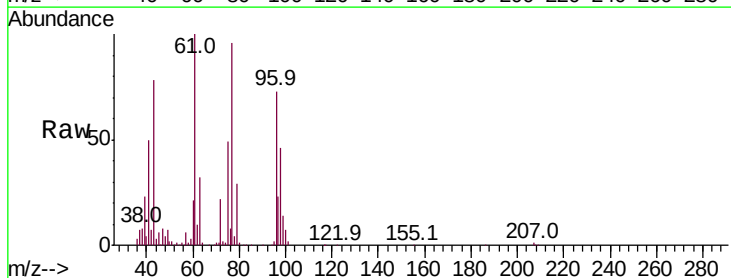
Acq: 07 Sep 2018 13:09

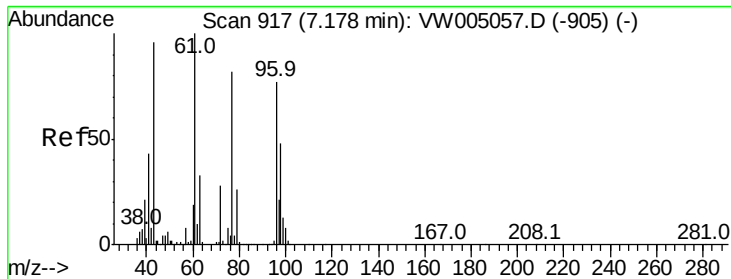
Tgt Ion: 77 Resp: 136411

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6



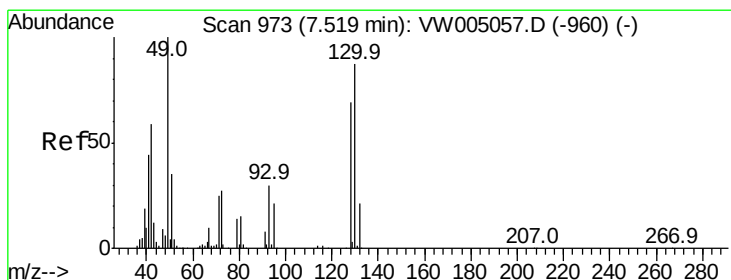
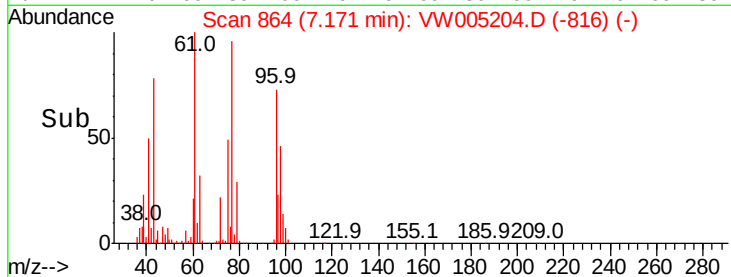
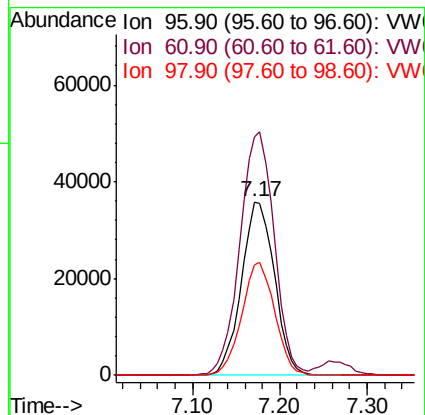
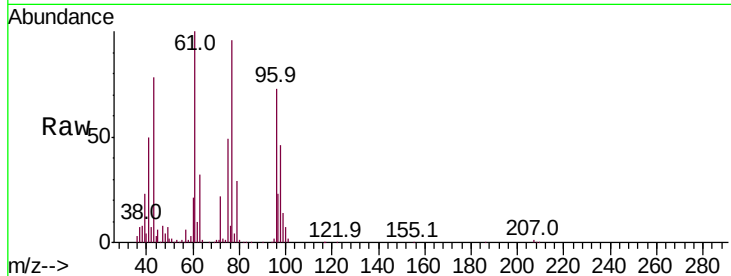


#27

cis-1,2-Dichloroethene
Concen: 18.864 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :

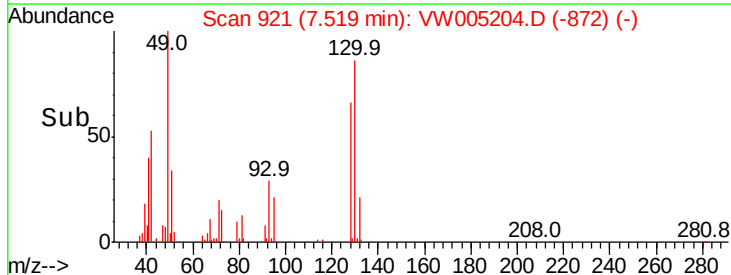
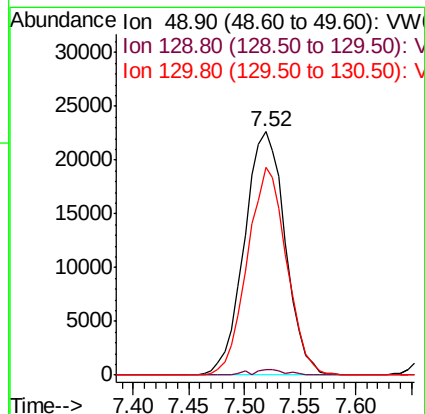
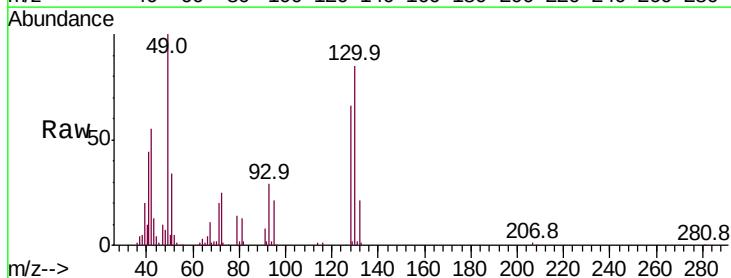
Tot Ion	96	Resp	94671
Ion Ratio	Lower	Upper	
96	100		
61	145.1	0.0	273.2
98	64.6	0.0	127.8

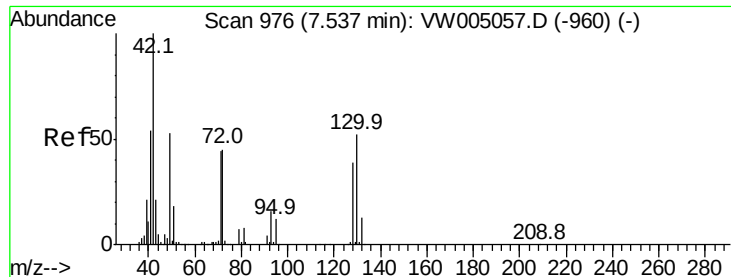


#28

Bromochloromethane
Concen: 18.579 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	49	Resp	57895
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	1.8	0.0	4.4
130	82.0	69.6	104.4

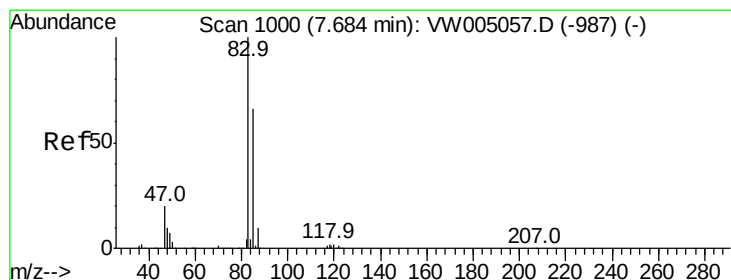
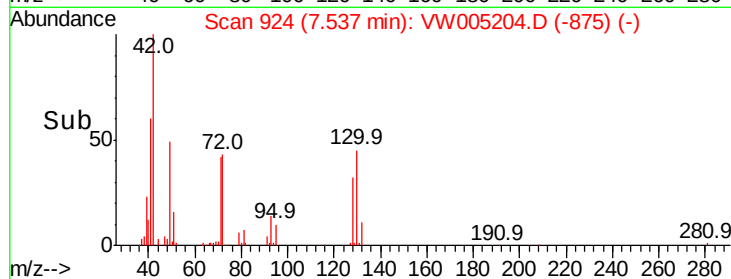
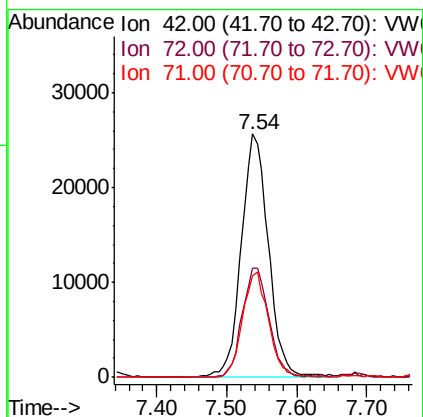
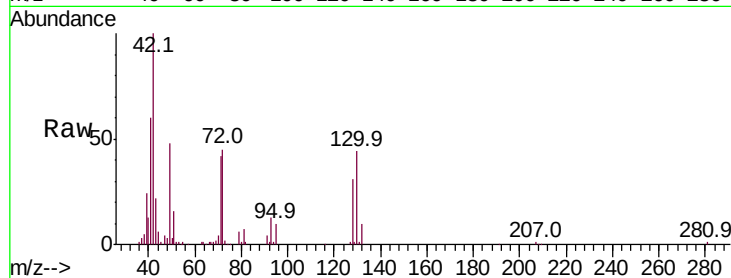




#29
Tetrahydrofuran
Concen: 101.324 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

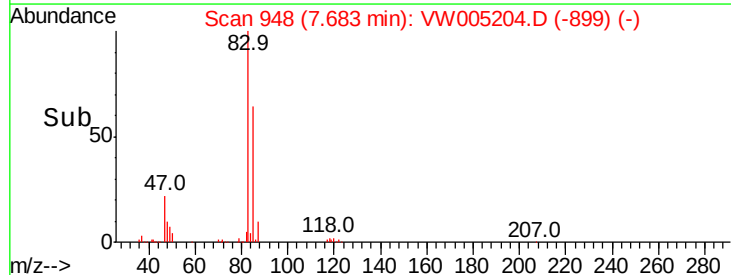
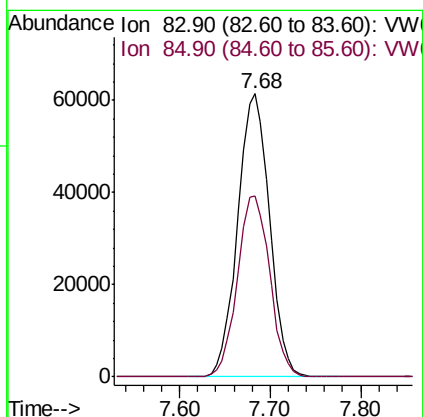
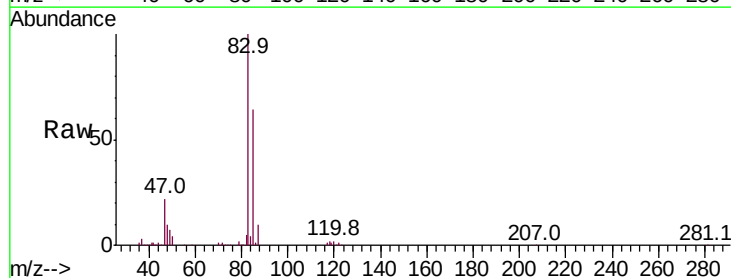
Instrument :
MSVOA_W
ClientSampleId :

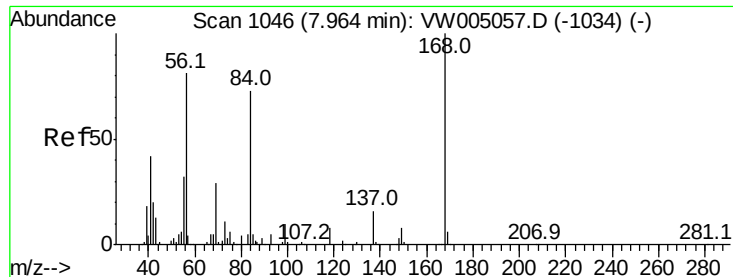
Tot Ion: 42 Resp: 69518
Ion Ratio Lower Upper
42 100
72 43.8 37.0 55.4
71 41.0 35.0 52.6



#30
Chloroform
Concen: 18.924 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 83 Resp: 149534
Ion Ratio Lower Upper
83 100
85 64.1 53.1 79.7





#31

Cyclohexane

Concen: 21.923 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

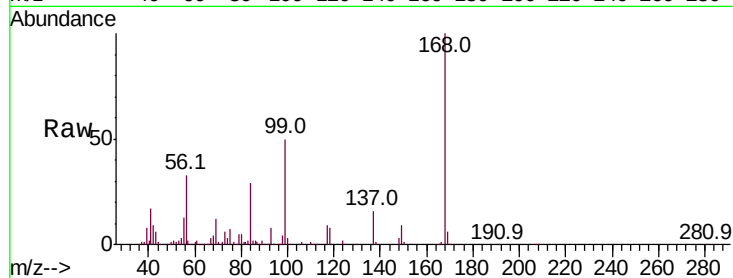
Tot Ion: 56 Resp: 166210

Ion Ratio Lower Upper

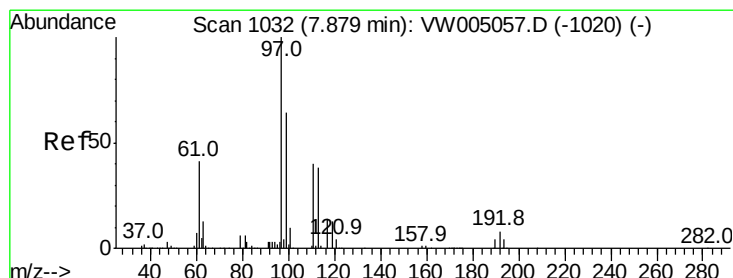
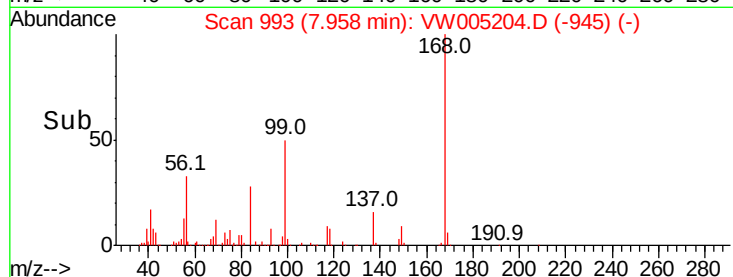
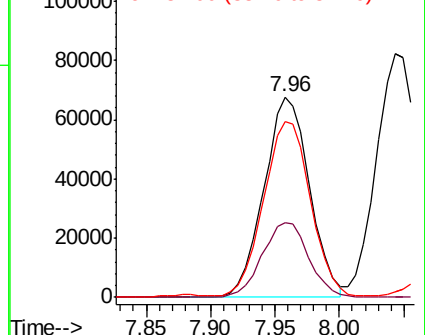
56 100

69 37.2 28.2 42.2

84 86.6 71.8 107.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 20.184 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

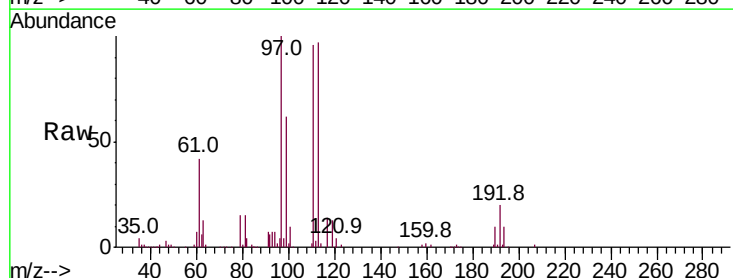
Tgt Ion: 97 Resp: 138904

Ion Ratio Lower Upper

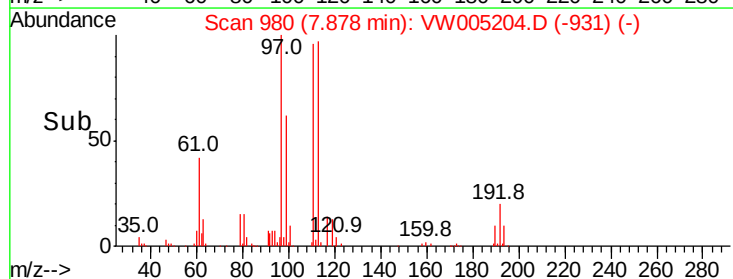
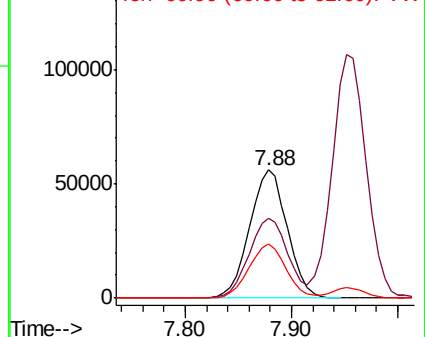
97 100

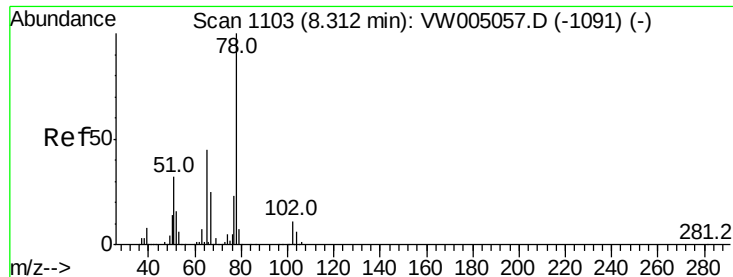
99 64.6 51.8 77.8

61 42.2 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

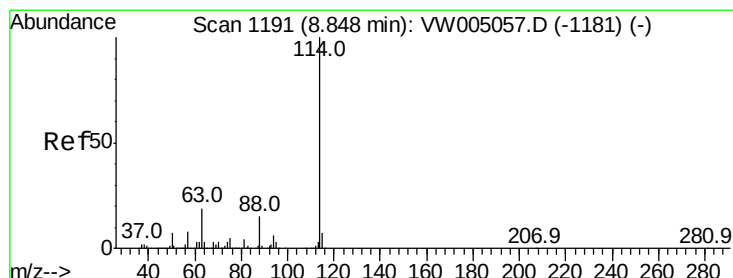
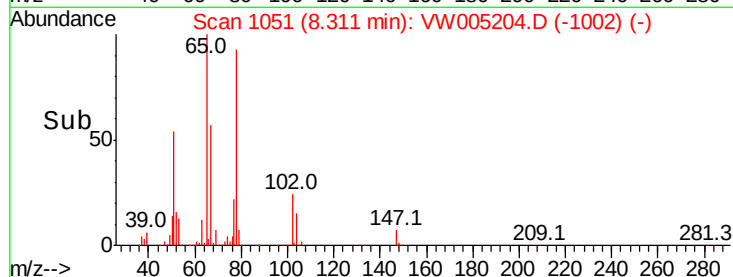
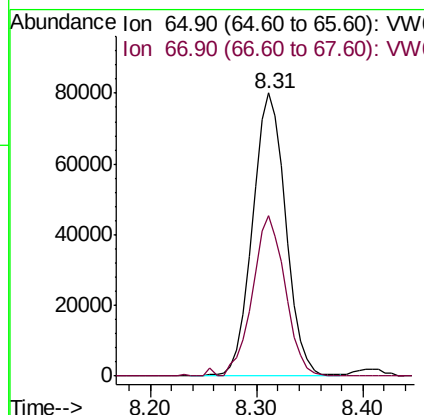
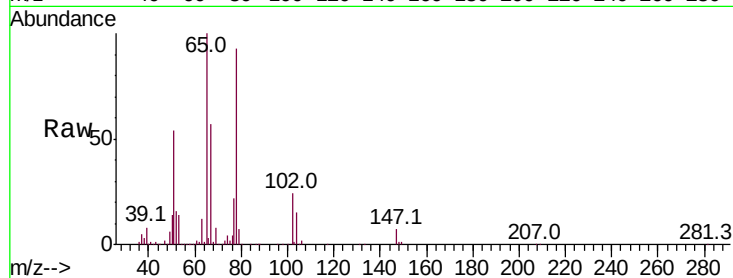




#33
 1,2-Dichloroethane-d4
 Concen: 45.379 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

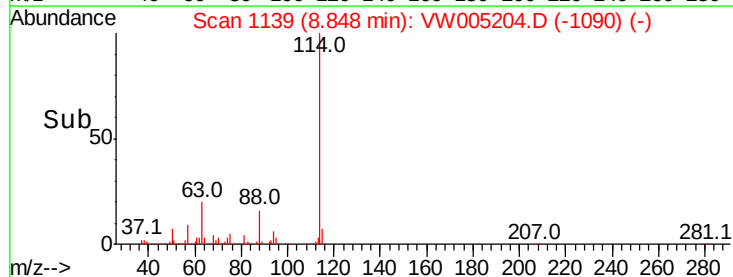
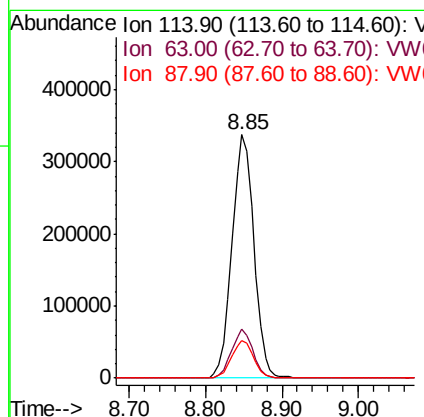
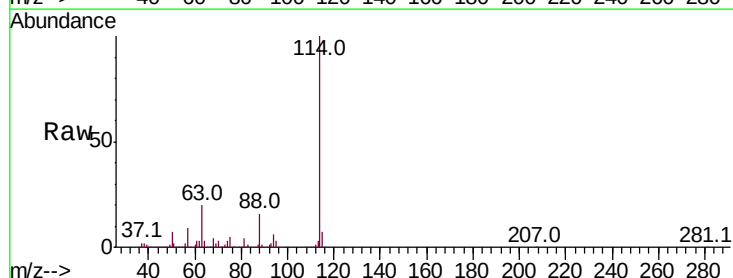
Instrument :
 MSVOA_W
 ClientSampled :

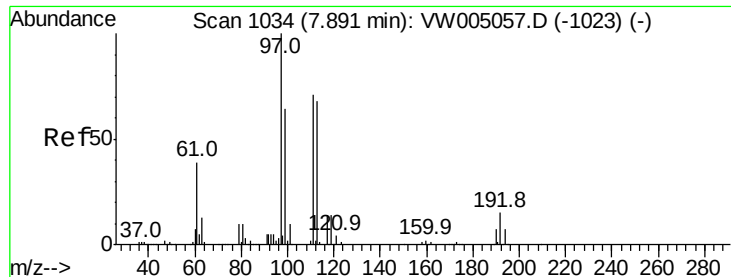
Tot Ion: 65 Resp: 175174
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion: 114 Resp: 670212
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.5 0.0 30.2

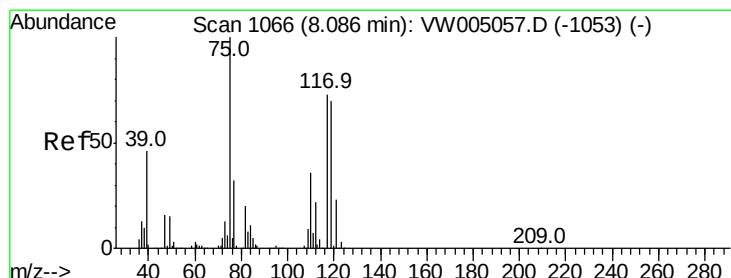
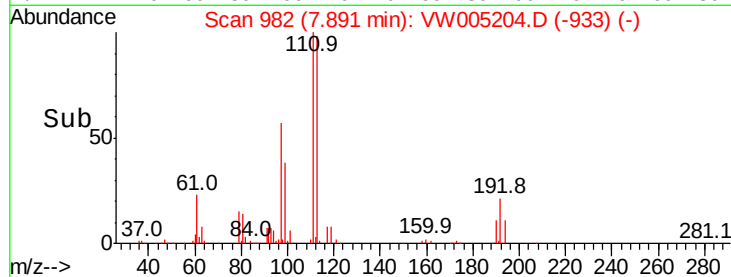
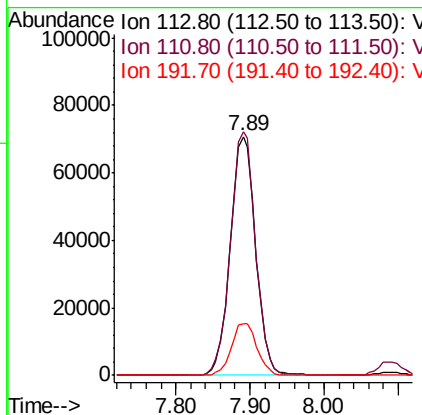
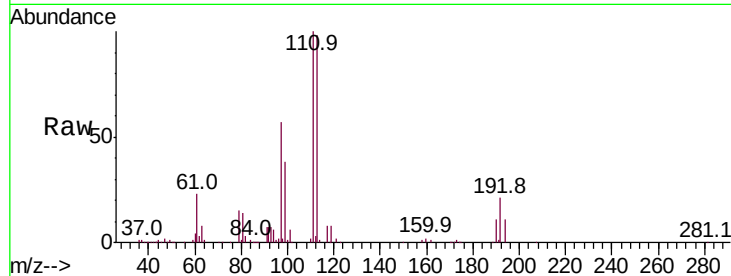




#35
 Dibromofluoromethane
 Concen: 43.566 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

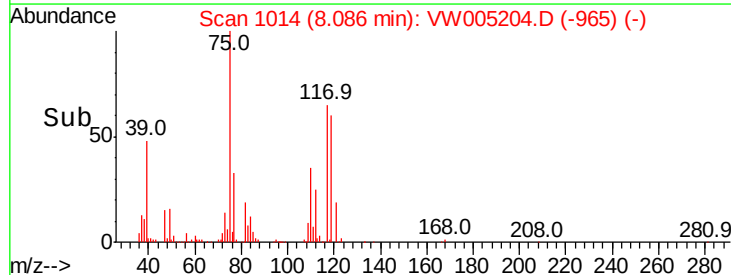
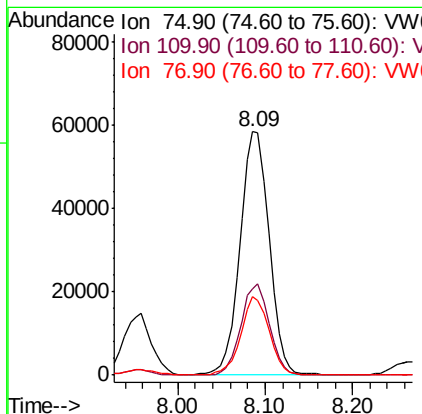
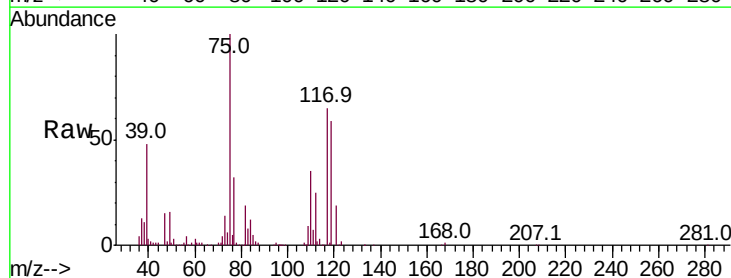
Instrument :
 MSVOA_W
 ClientSampleId :

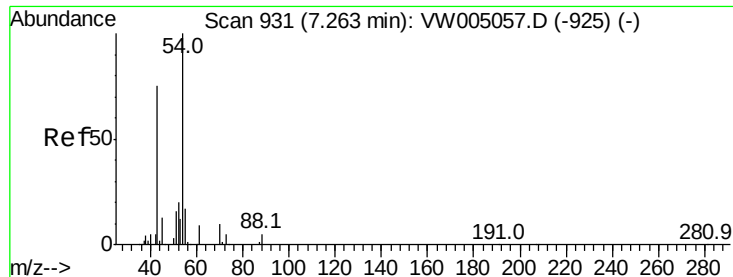
Tot Ion:113 Resp: 168732
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.2
 192 22.1 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 21.202 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion: 75 Resp: 135333
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.9 56.7
 77 31.5 25.5 38.3

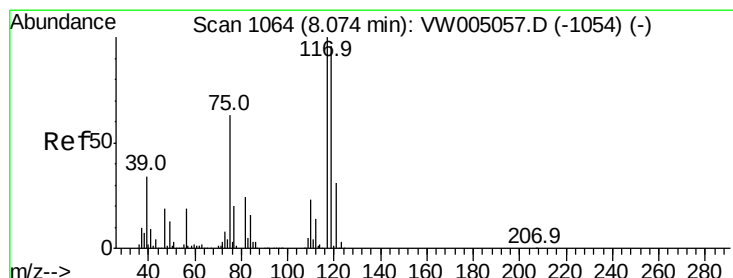
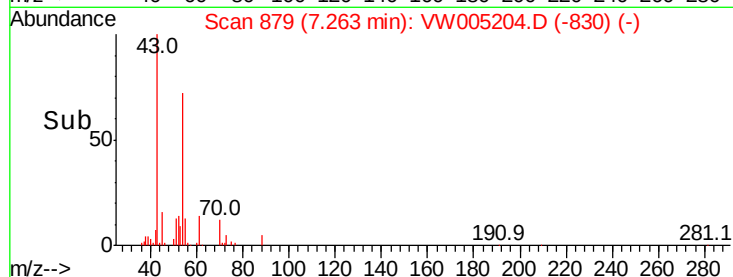
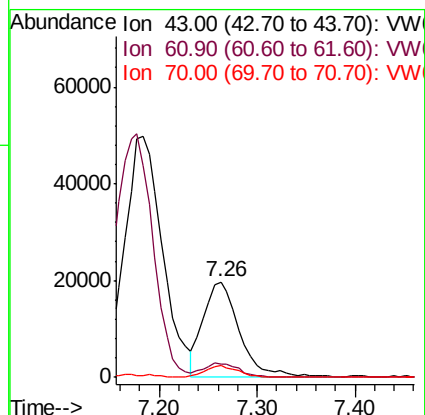
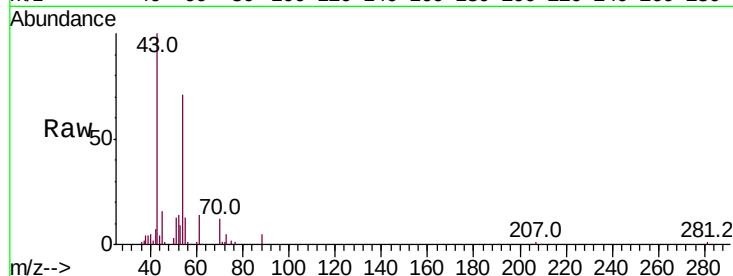




#37
Ethyl Acetate
Concen: 20.878 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

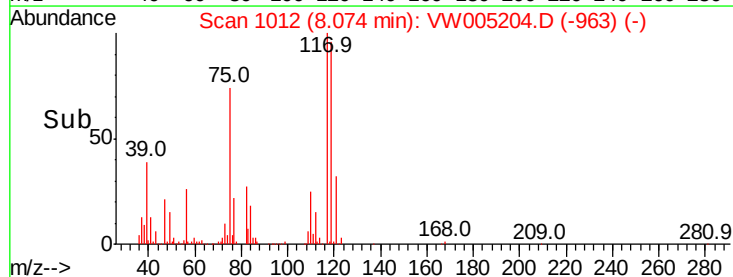
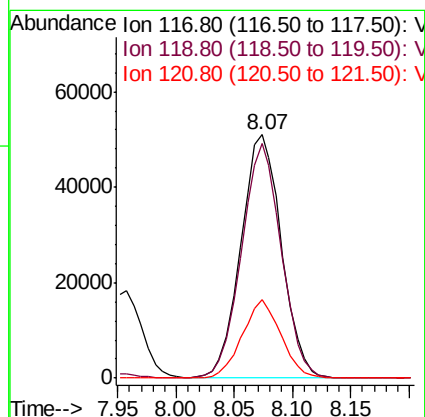
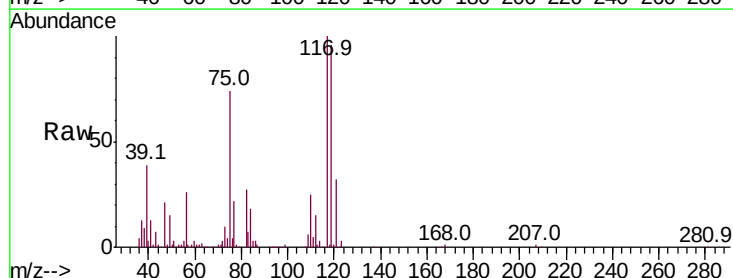
Instrument :
MSVOA_W
ClientSampleId :

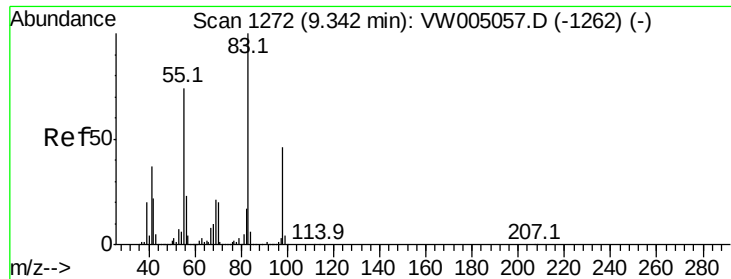
Tot Ion: 43 Resp: 49838
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 11.6 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.226 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 117 Resp: 122757
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
121 32.1 24.8 37.2

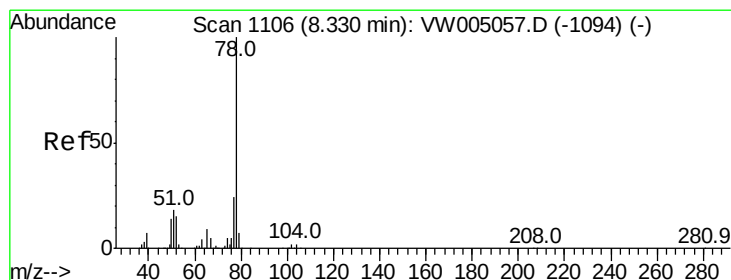
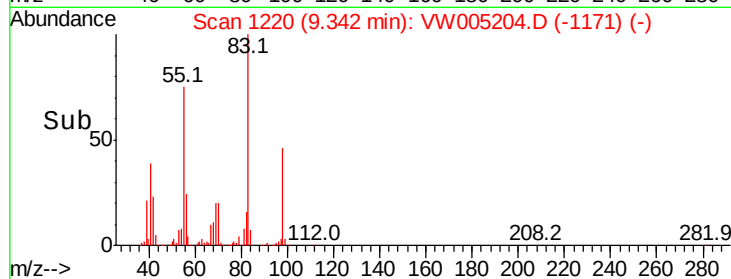
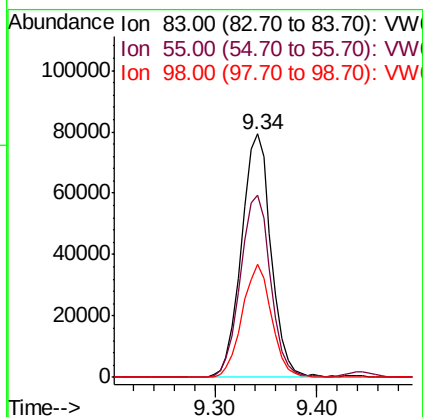
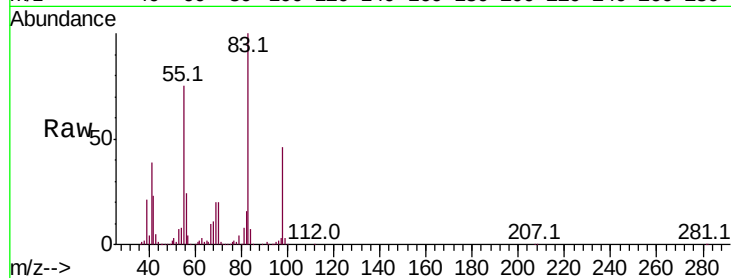




#39
Methylvlcyclohexane
Concen: 20.735 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

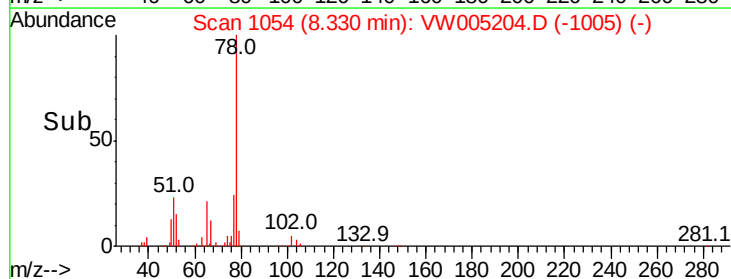
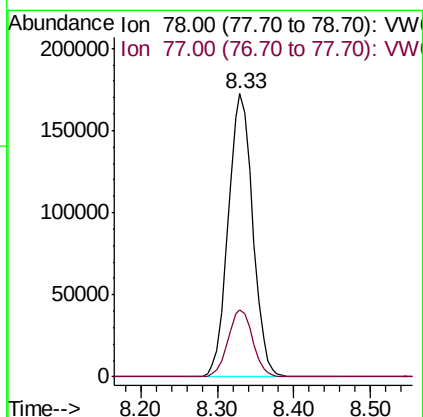
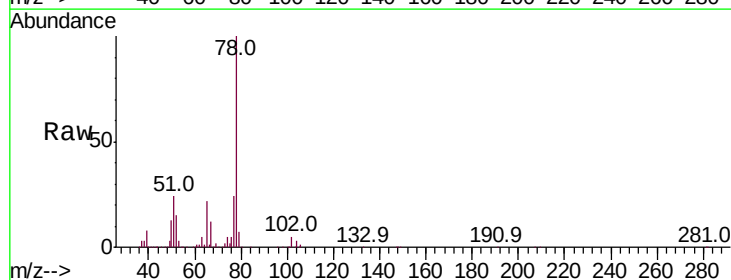
Instrument :
MSVOA_W
ClientSampled :

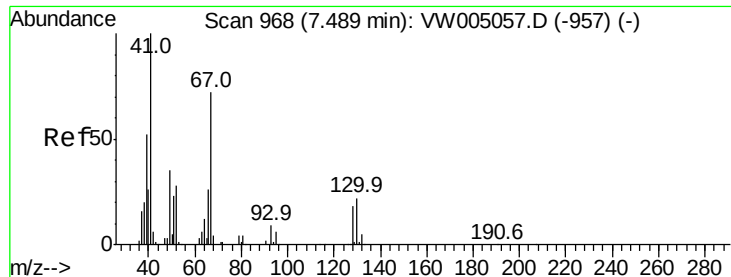
Tot Ion: 83 Resp: 160061
Ion Ratio Lower Upper
83 100
55 74.9 58.9 88.3
98 46.2 36.8 55.2



#40
Benzene
Concen: 19.580 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 78 Resp: 382613
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

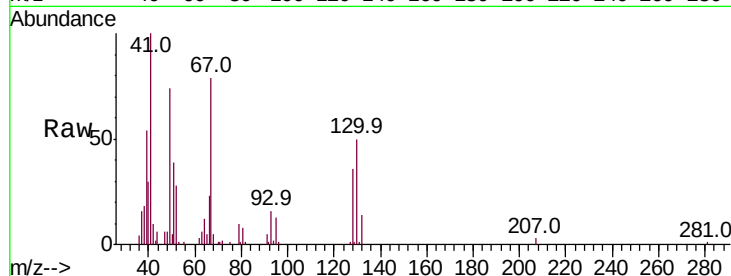




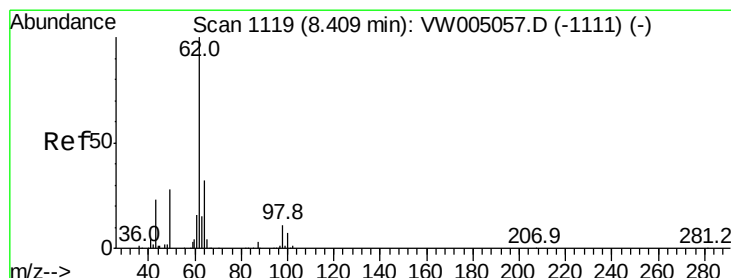
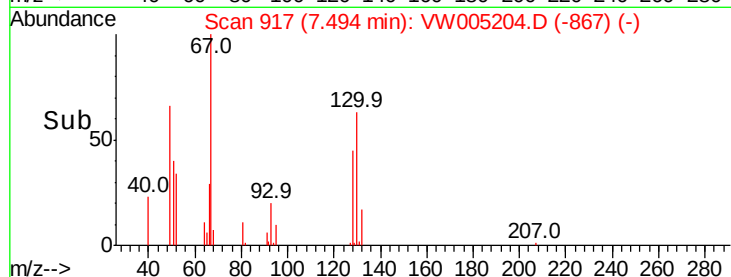
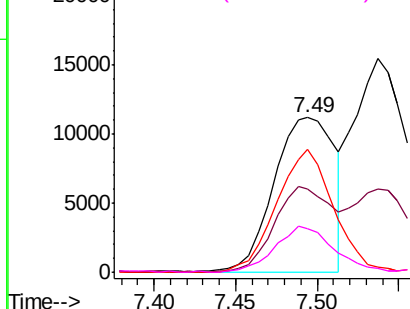
#41
Methacrylonitrile
Concen: 20.953 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	28980
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.8	62.8
67	75.4	60.4	90.6
52	29.5	23.8	35.8

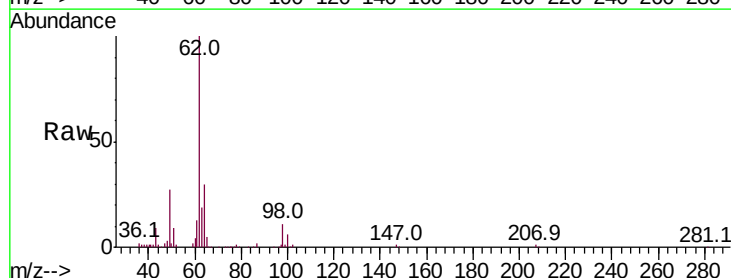


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

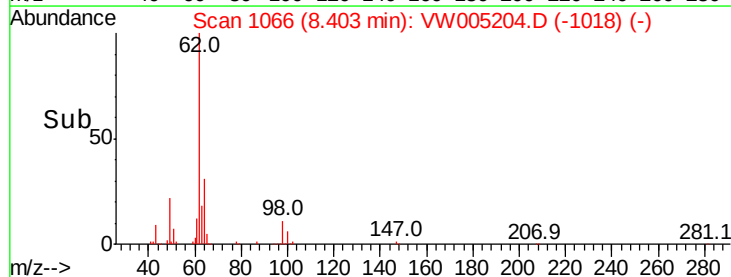
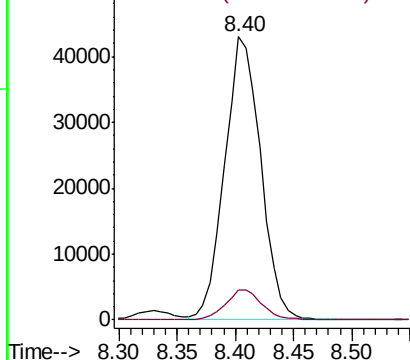


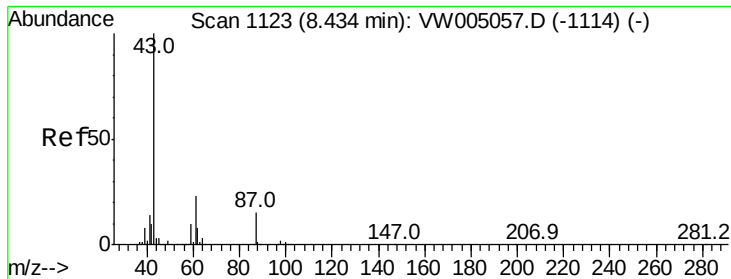
#42
1,2-Dichloroethane
Concen: 19.306 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion:	62	Resp:	92330
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.500 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampled :

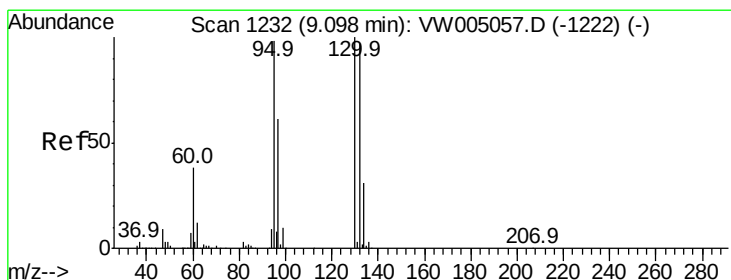
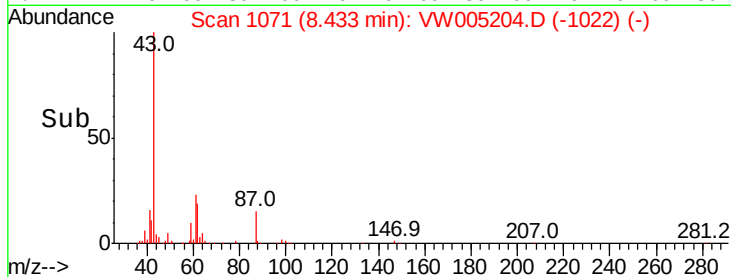
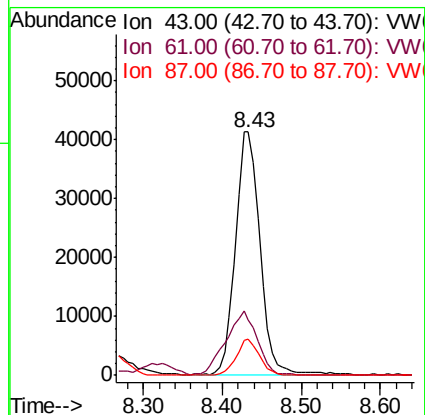
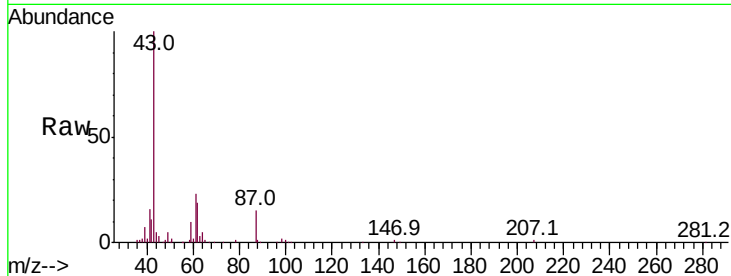
Tot Ion: 43 Resp: 89046

Ion Ratio Lower Upper

43 100

61 34.0 26.8 40.2

87 14.2 11.6 17.4



#44

Trichloroethene

Concen: 19.513 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005204.D

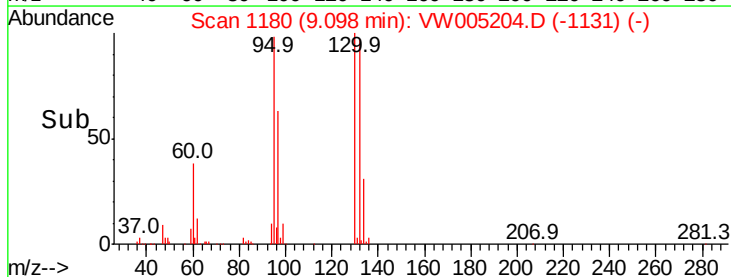
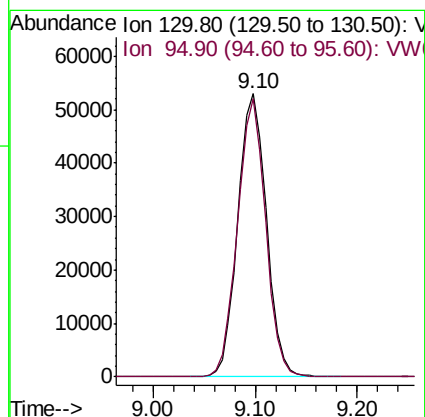
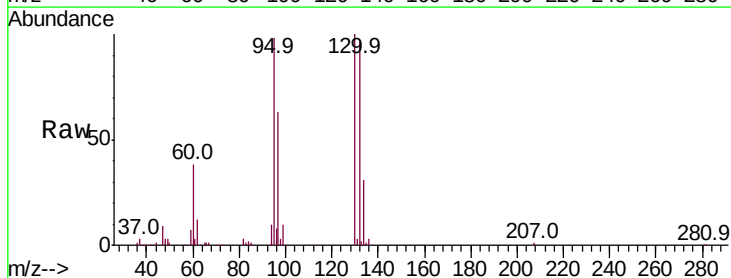
Acq: 07 Sep 2018 13:09

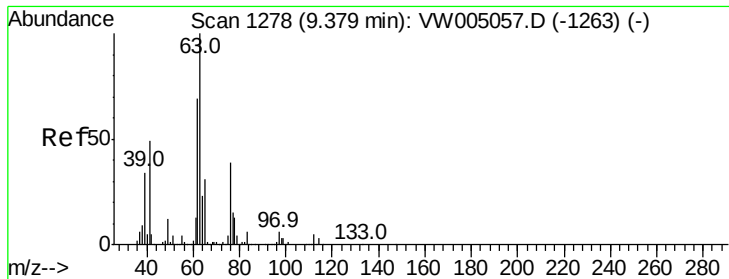
Tgt Ion:130 Resp: 102877

Ion Ratio Lower Upper

130 100

95 98.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.968 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

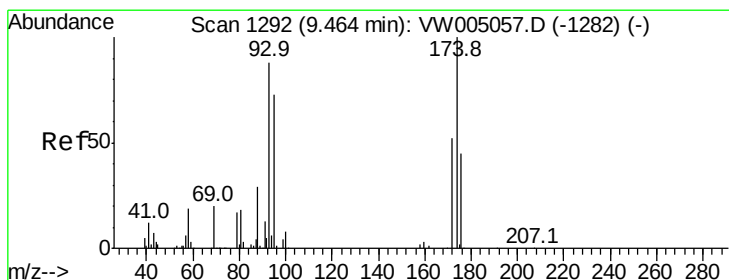
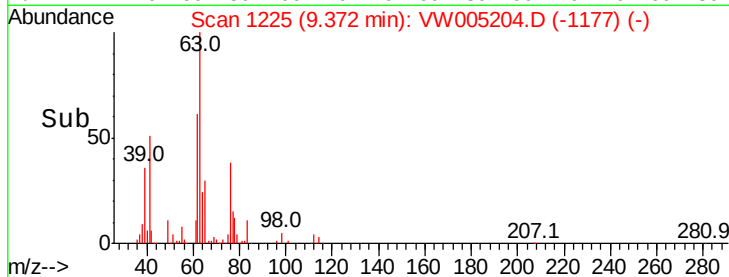
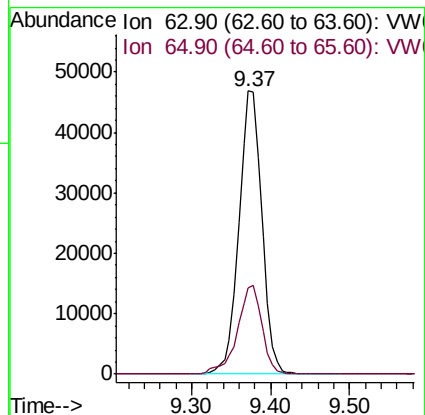
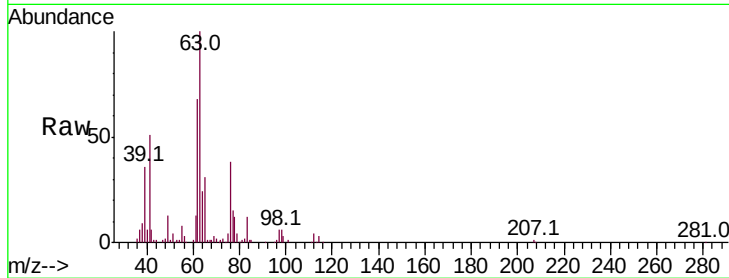
ClientSampleId :

Tot Ion: 63 Resp: 95321

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#46

Dibromomethane

Concen: 18.830 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

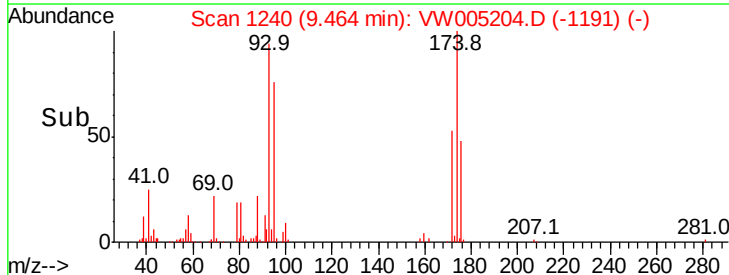
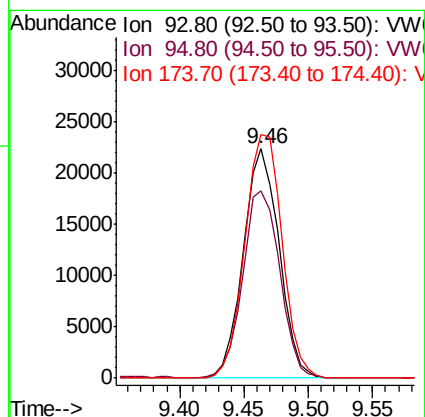
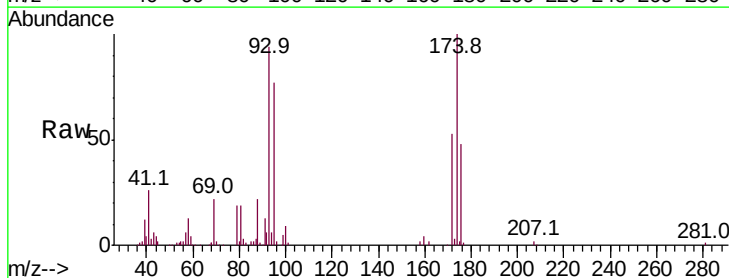
Tgt Ion: 93 Resp: 42982

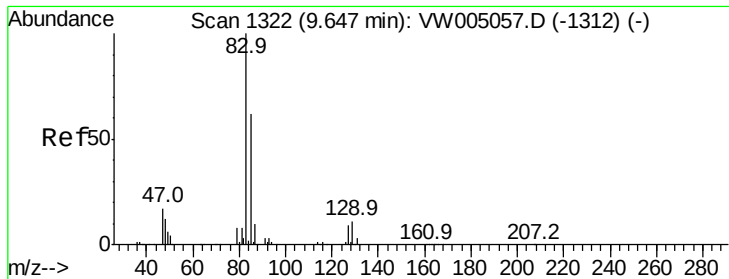
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 110.5 92.0 138.0





#47

Bromodichloromethane

Concen: 19.515 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

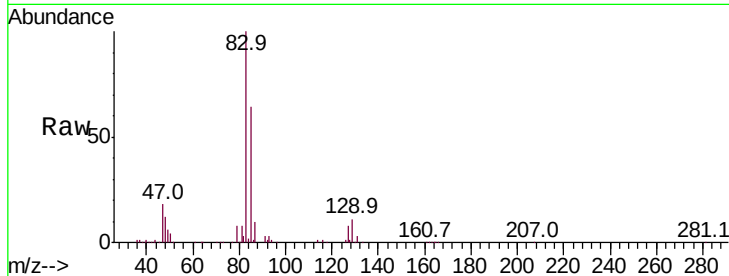
Tot Ion: 83 Resp: 112164

Ion Ratio Lower Upper

83 100

85 63.9 49.8 74.6

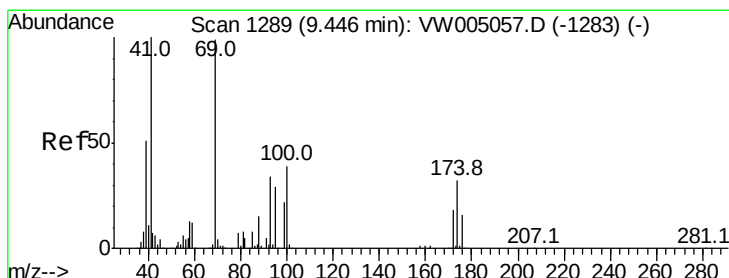
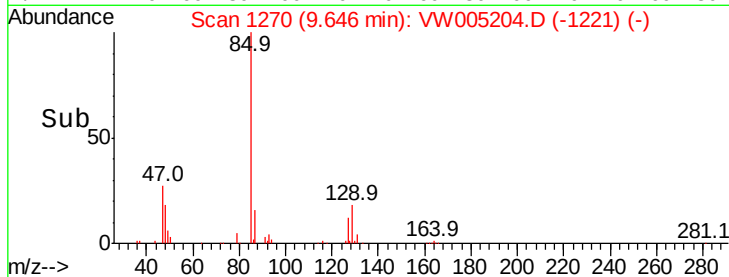
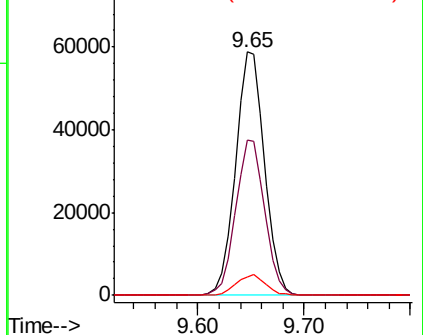
127 7.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.152 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

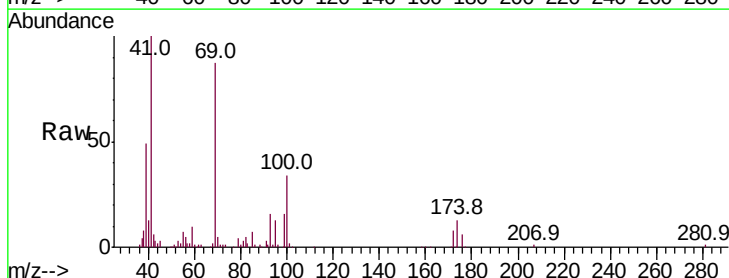
Tgt Ion: 41 Resp: 44241

Ion Ratio Lower Upper

41 100

69 89.5 80.4 120.6

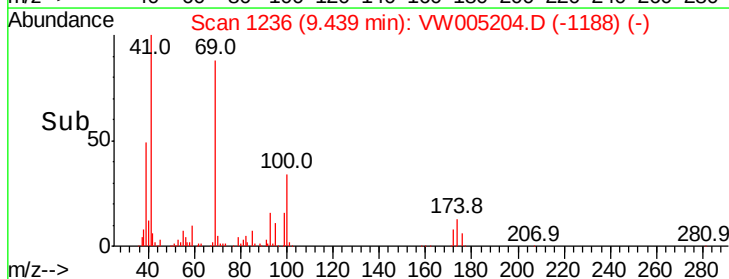
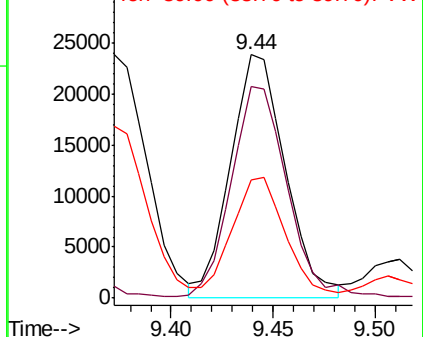
39 48.6 43.5 65.3

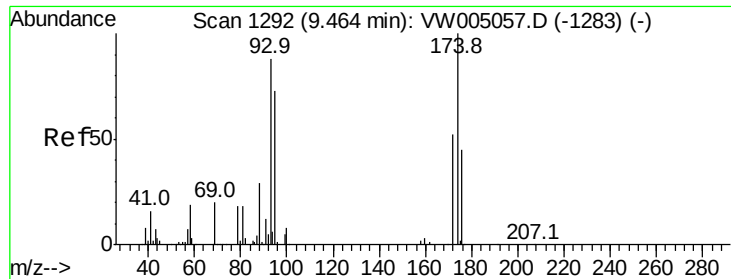


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 376.956 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

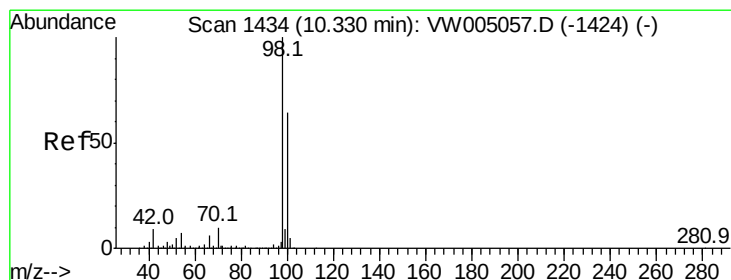
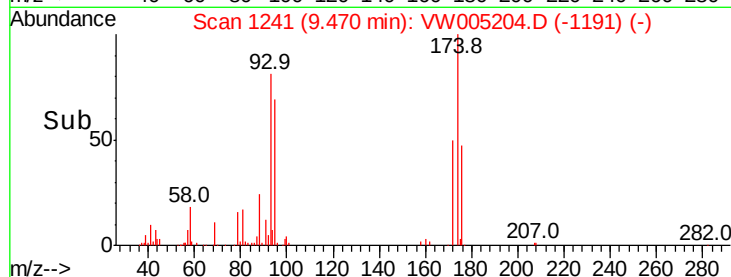
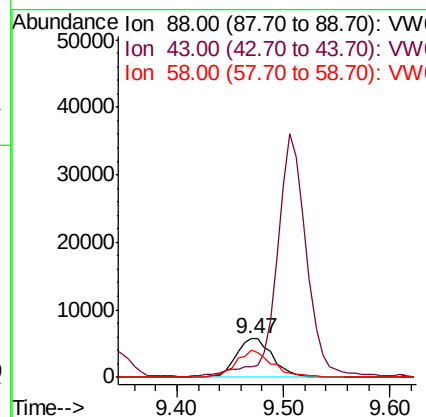
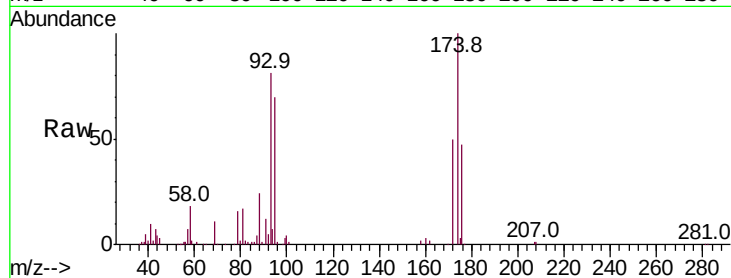
Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 13915

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	72.3	57.1	85.7



#50

Toluene-d8

Concen: 46.351 ug/l

RT: 10.33 min Scan# 1382

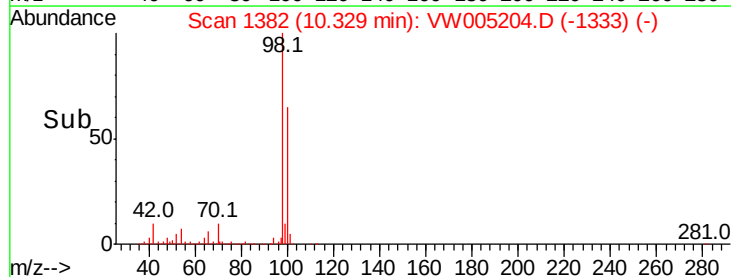
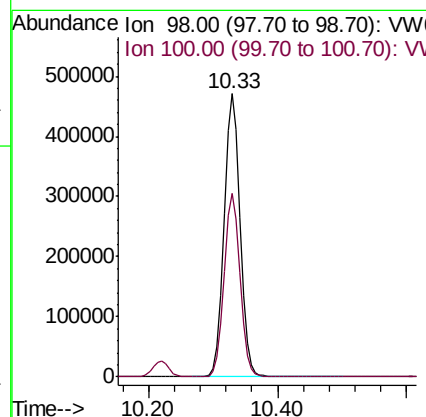
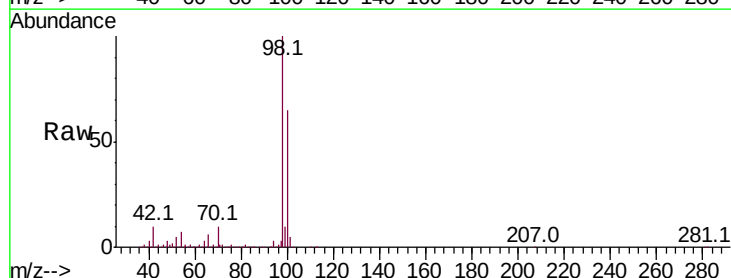
Delta R.T. -0.00 min

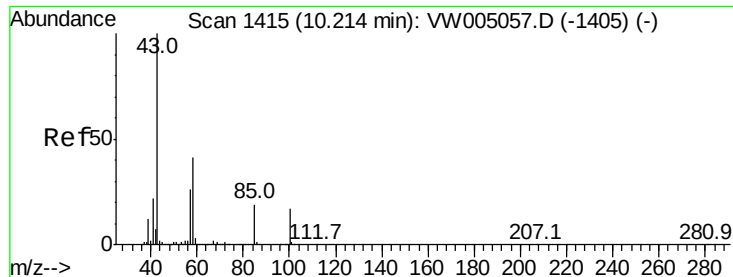
Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion: 98 Resp: 827188

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5

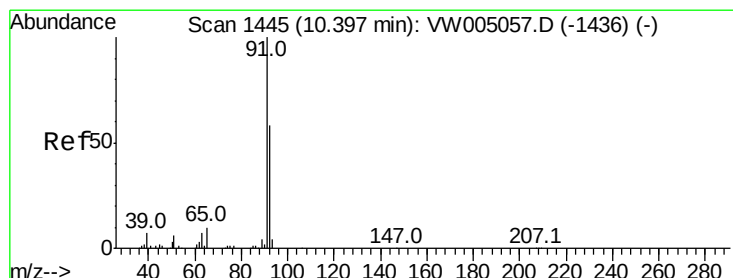
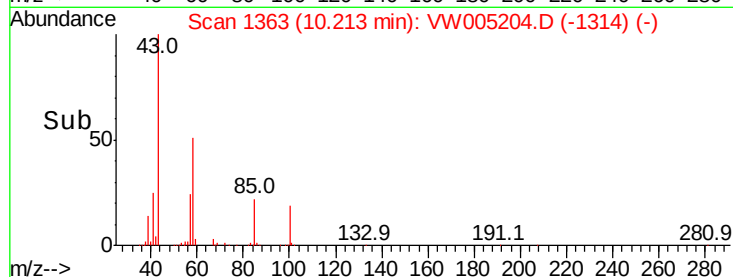
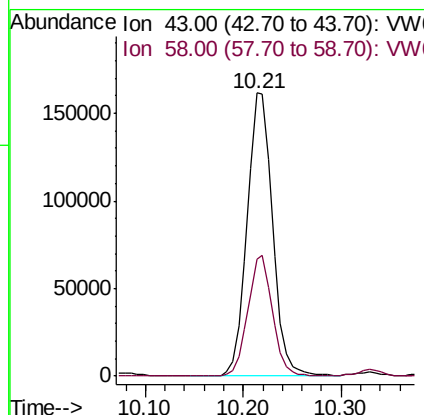
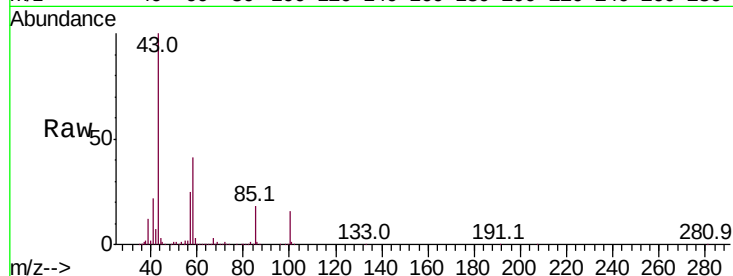




#51
 4-Methyl-2-Pentanone
 Concen: 100.191 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

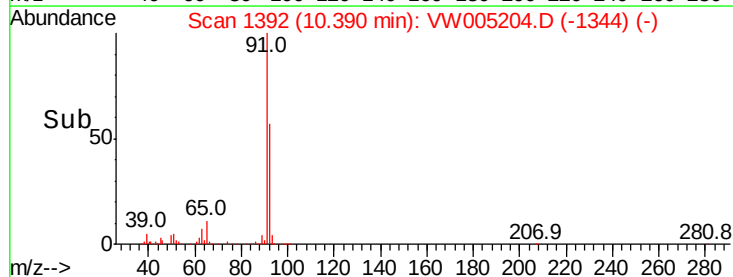
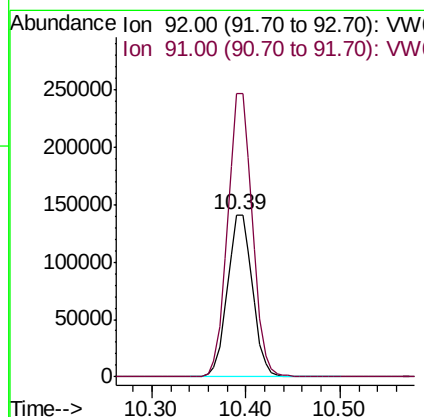
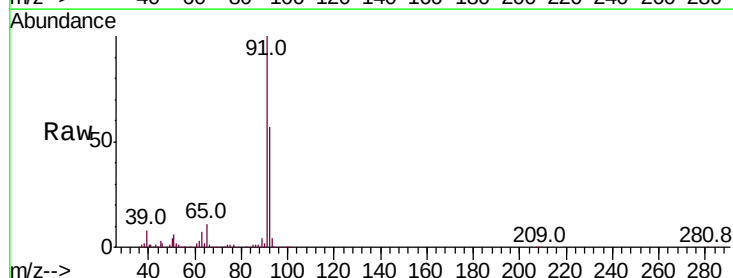
Instrument :
 MSVOA_W
 ClientSampled :

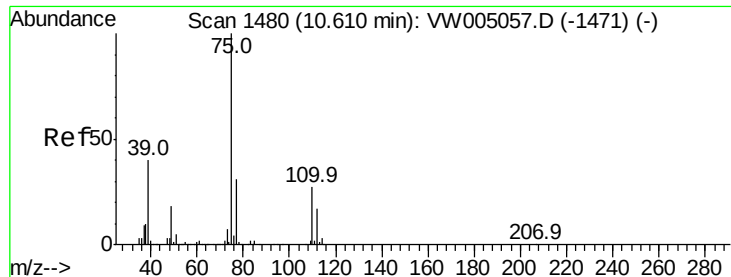
Tot Ion: 43 Resp: 291678
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.3 49.9



#52
 Toluene
 Concen: 19.619 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion: 92 Resp: 259760
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.995 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

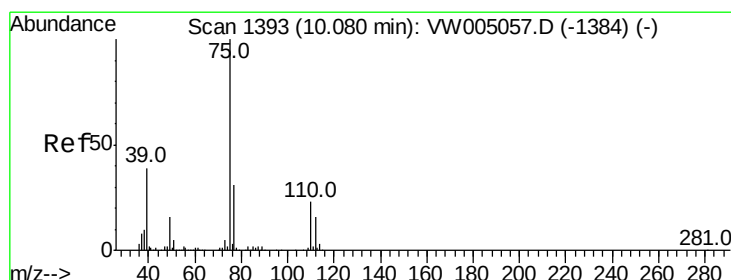
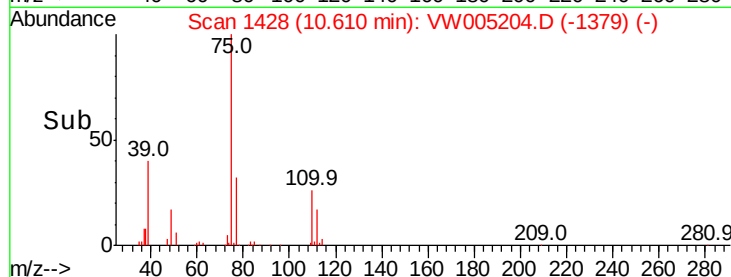
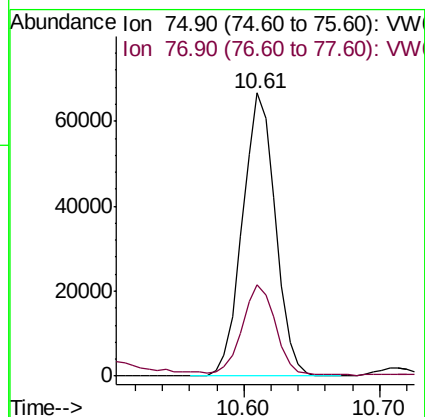
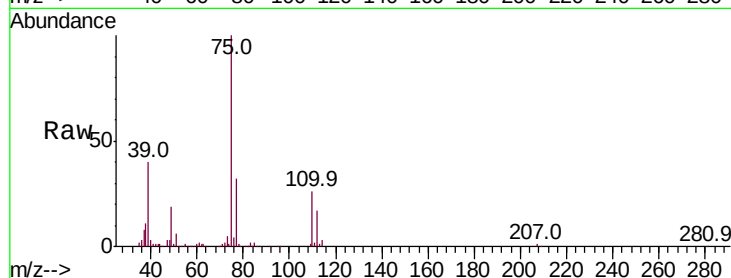
ClientSampleId :

Tot Ion: 75 Resp: 112927

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.360 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

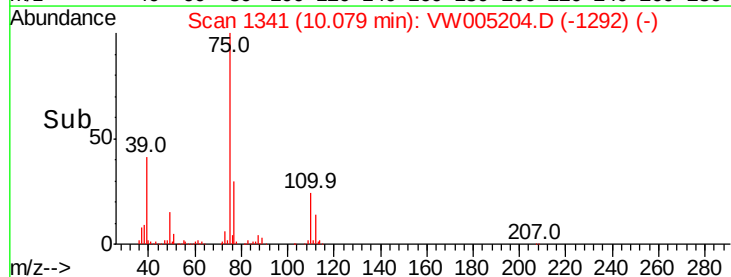
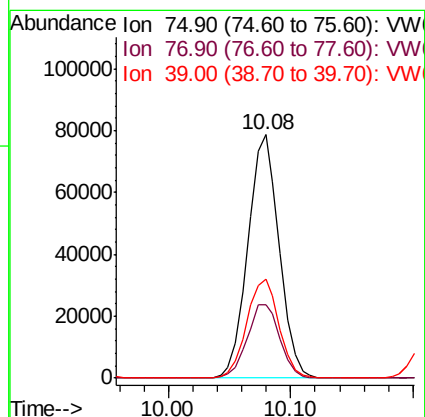
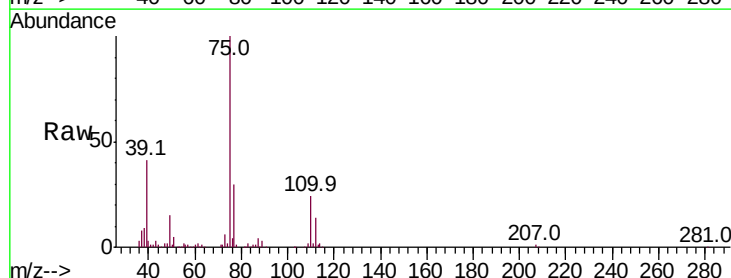
Tgt Ion: 75 Resp: 139839

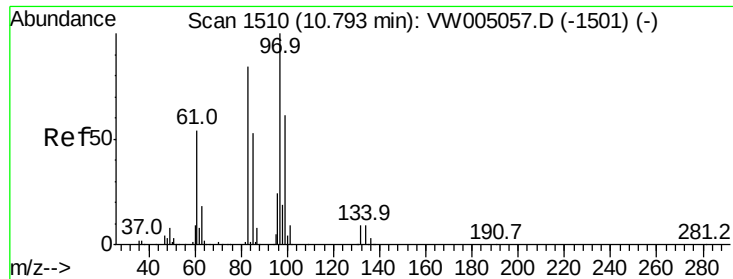
Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 40.7 31.0 46.6

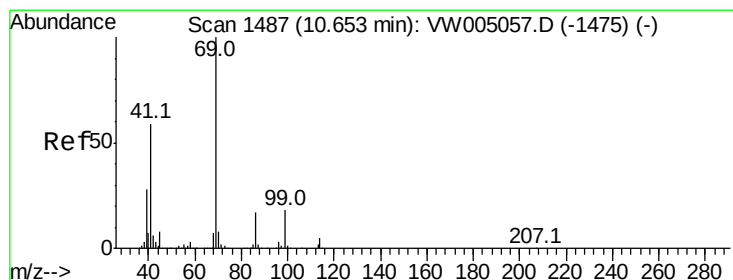
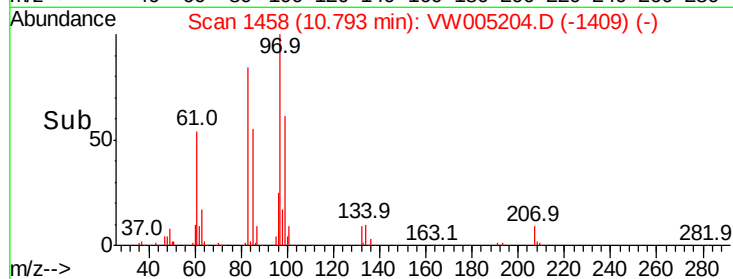
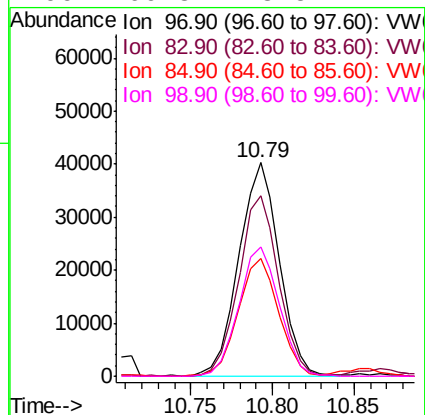
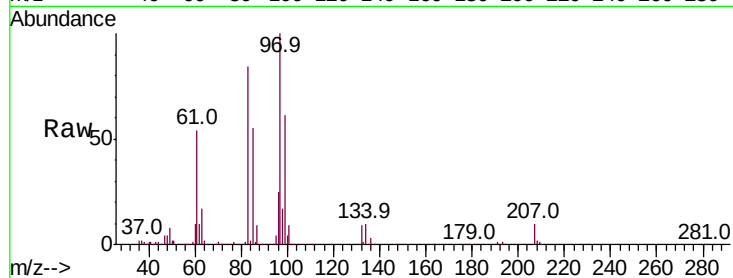




#55
 1,1,2-Trichloroethane
 Concen: 19.683 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

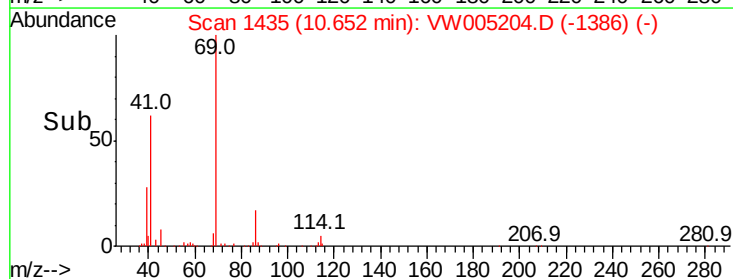
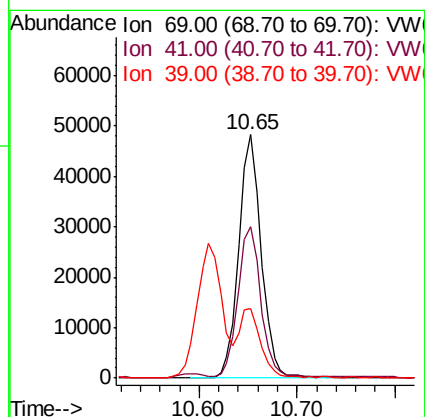
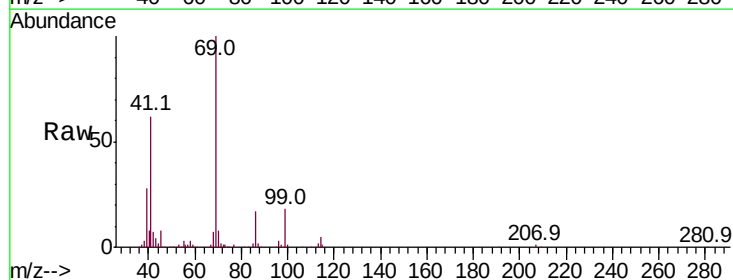
Instrument :
 MSVOA_W
 ClientSampleId :

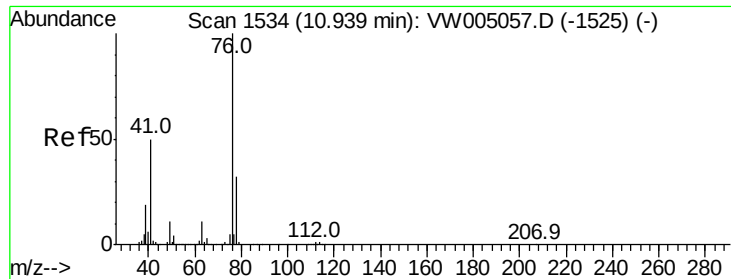
Tot Ion:	97	Resp:	69563
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.0	100.6
85	54.9	42.3	63.5
99	60.8	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 19.189 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion:	69	Resp:	77371
Ion	Ratio	Lower	Upper
69	100		
41	62.8	47.8	71.6
39	26.1	21.1	31.7





#57

1,3-Dichloropropane

Concen: 19.492 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

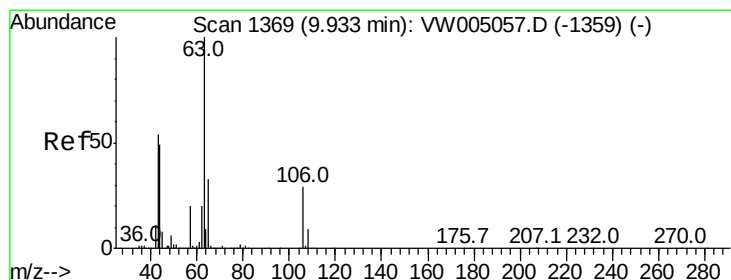
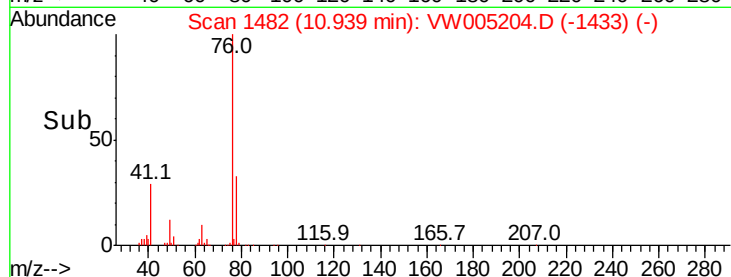
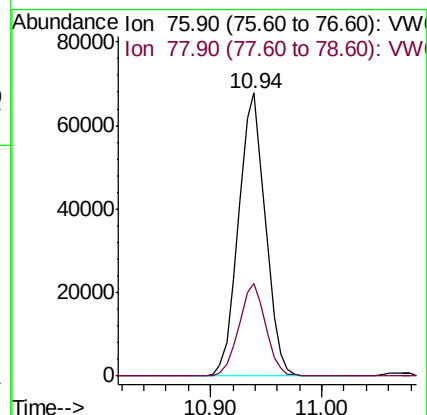
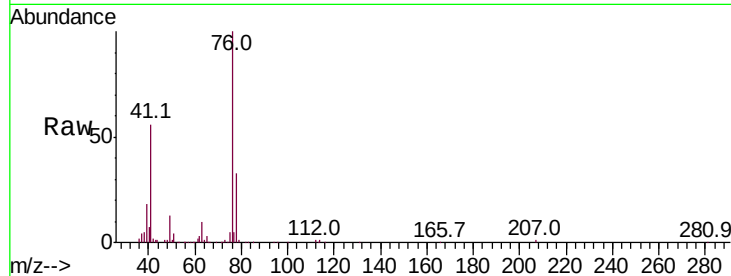
ClientSampleId :

Tot Ion: 76 Resp: 113413

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 106.908 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005204.D

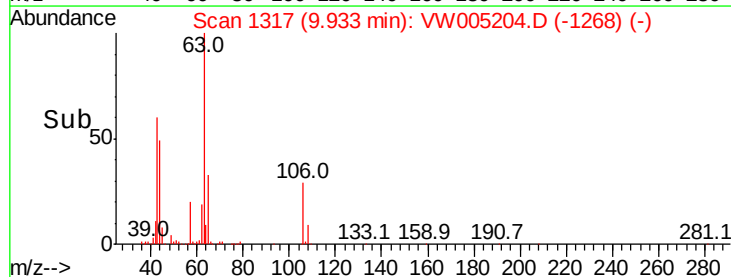
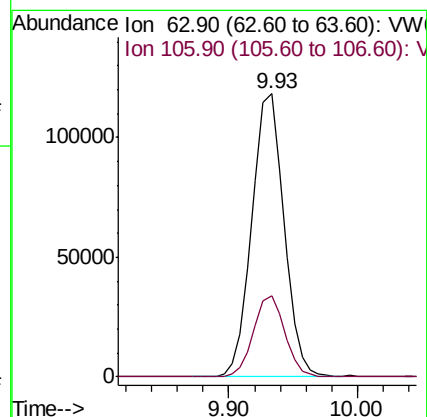
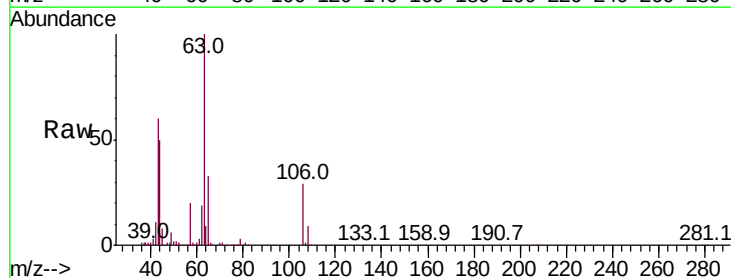
Acq: 07 Sep 2018 13:09

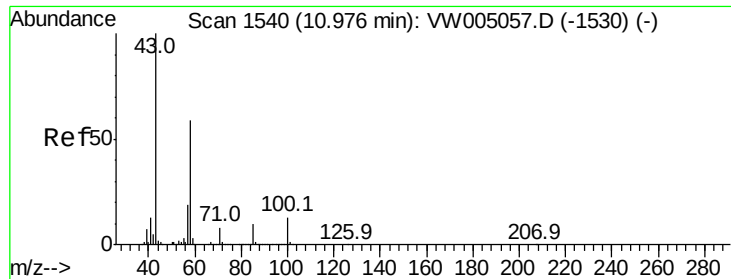
Tgt Ion: 63 Resp: 204258

Ion Ratio Lower Upper

63 100

106 28.0 23.1 34.7

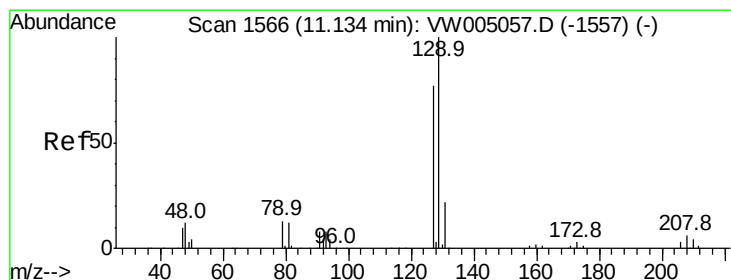
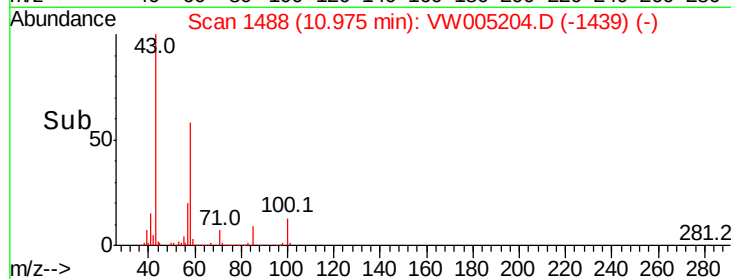
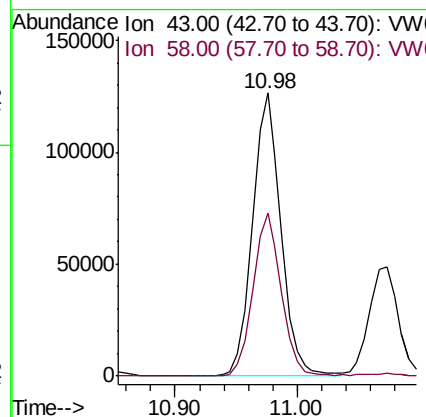
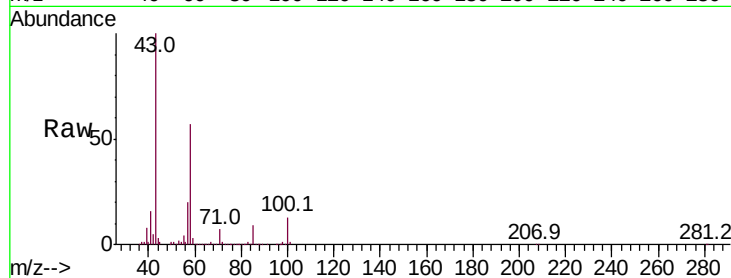




#59
2-Hexanone
Concen: 103.632 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

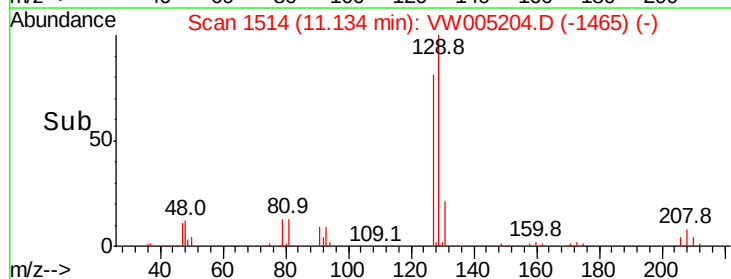
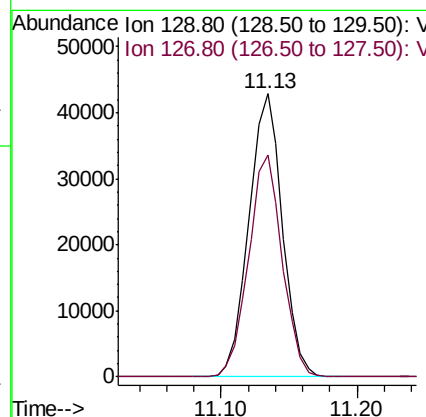
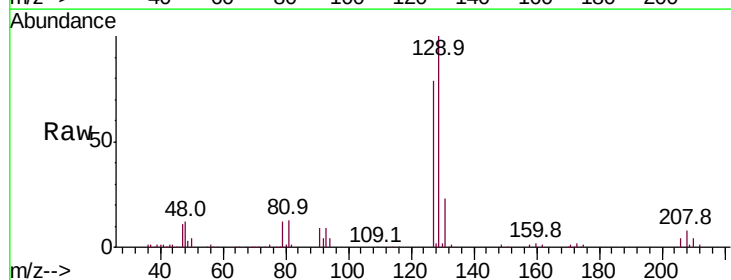
Instrument :
MSVOA_W
ClientSampled :

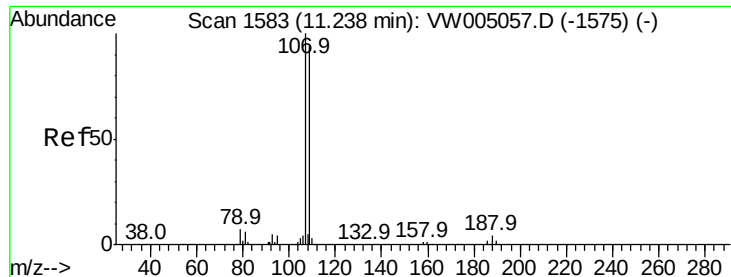
Tot Ion: 43 Resp: 204055
Ion Ratio Lower Upper
43 100
58 57.1 28.7 86.3



#60
Dibromochloromethane
Concen: 18.468 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 129 Resp: 73790
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.916 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

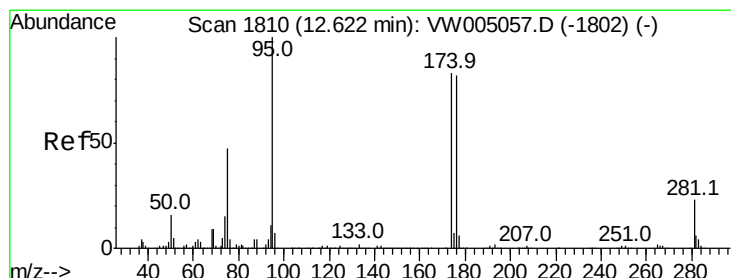
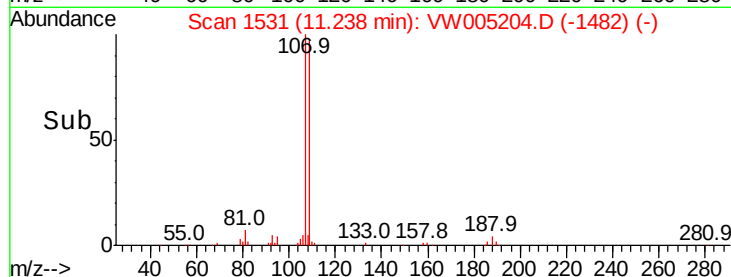
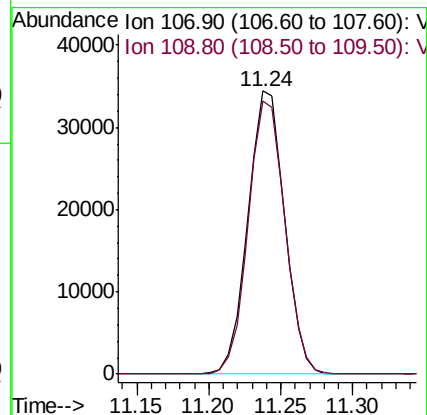
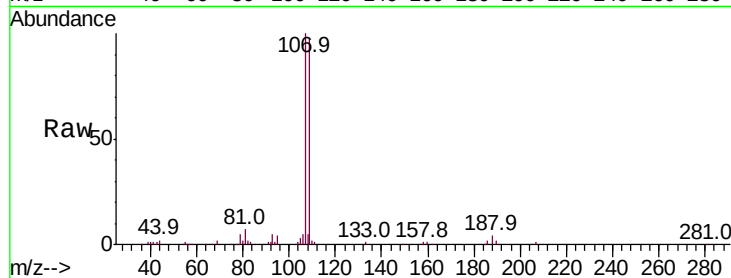
ClientSampleId :

Tot Ion:107 Resp: 60357

Ion Ratio Lower Upper

107 100

109 96.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.915 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

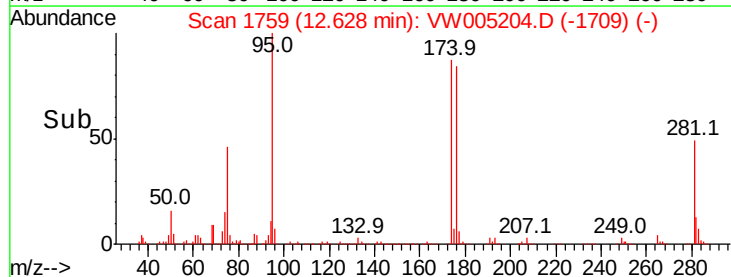
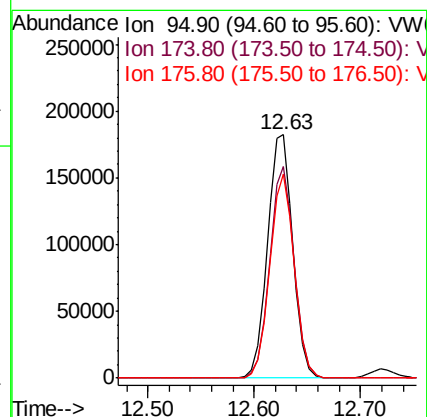
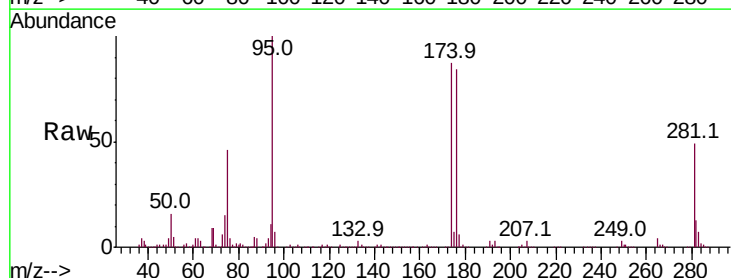
Tgt Ion: 95 Resp: 301516

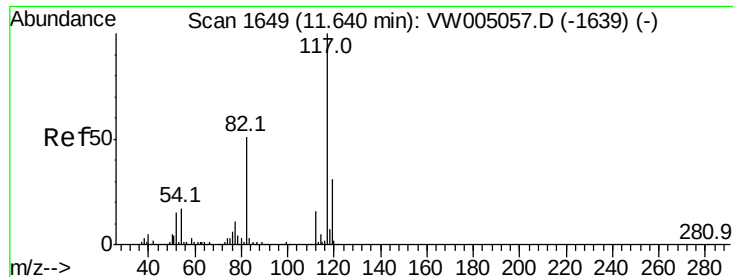
Ion Ratio Lower Upper

95 100

174 84.2 0.0 173.4

176 81.4 0.0 167.4

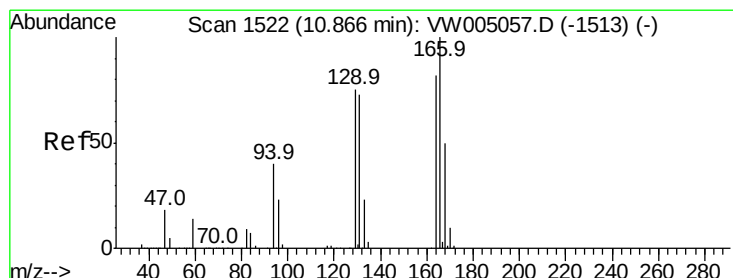
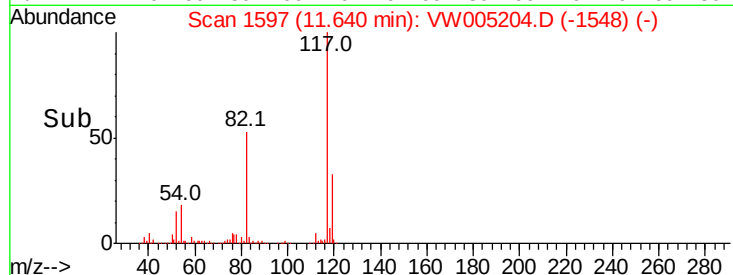
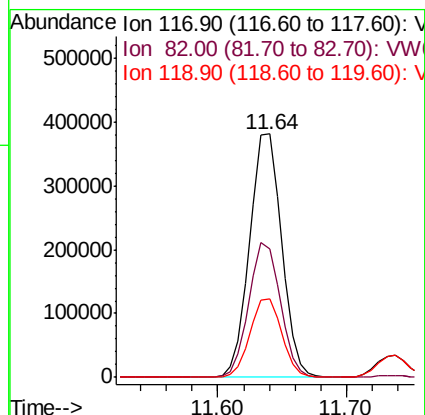
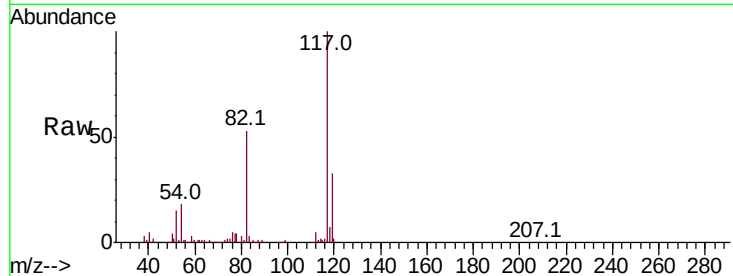




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

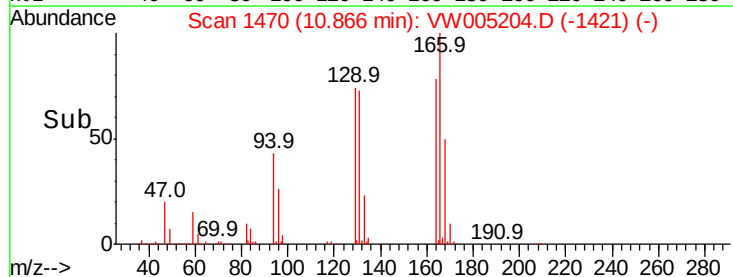
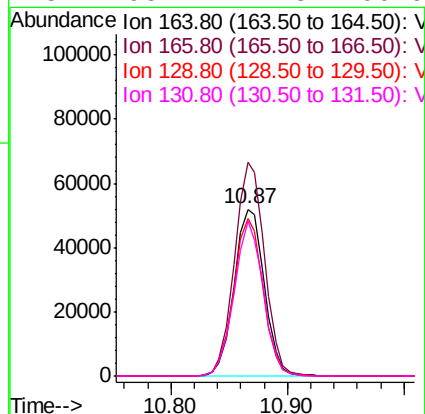
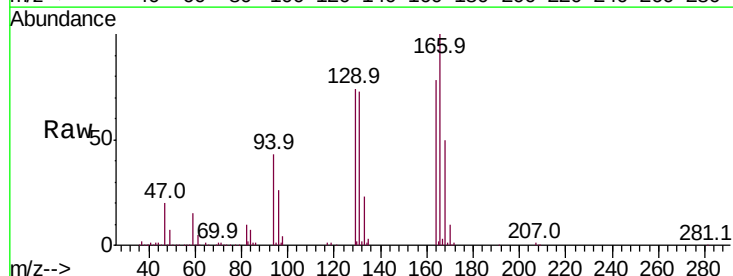
Instrument :
MSVOA_W
ClientSampled :

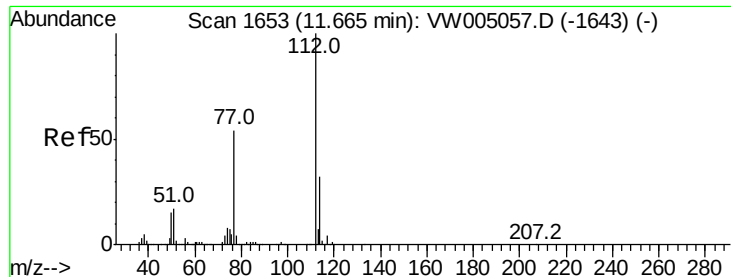
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	40.9	61.3
119	32.5	24.9	37.3



#64
Tetrachloroethene
Concen: 18.229 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	97.3	145.9
129	94.8	73.1	109.7
131	93.4	71.3	106.9

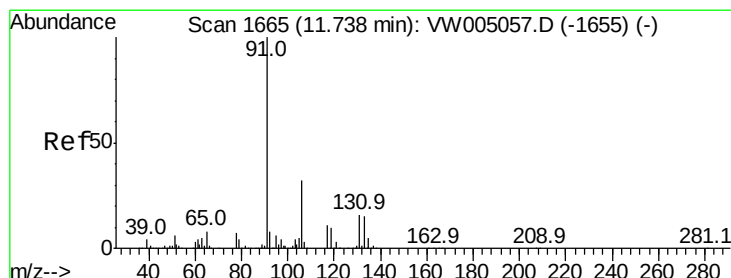
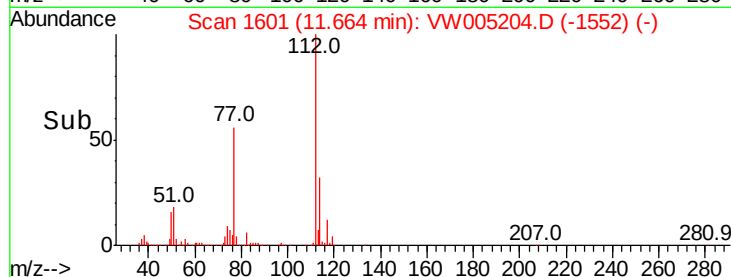
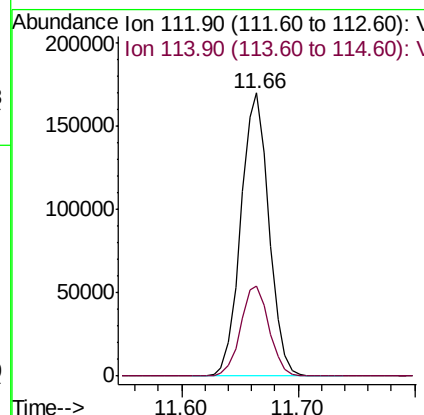
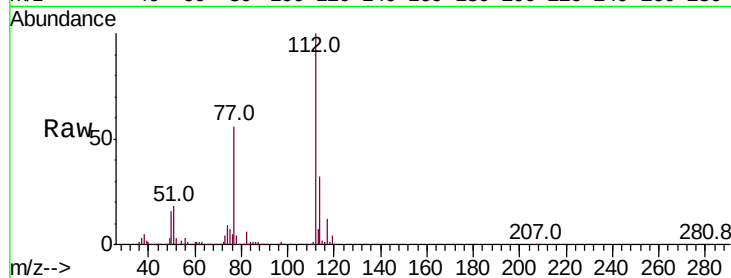




#65
Chlorobenzene
Concen: 19.387 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

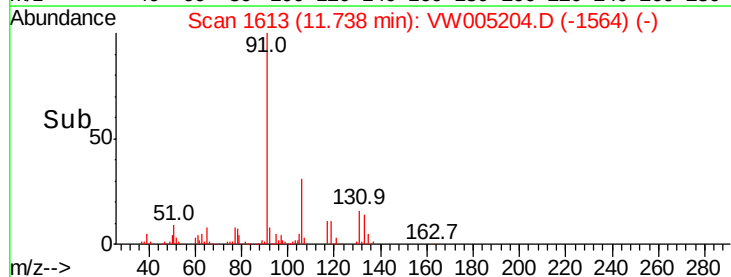
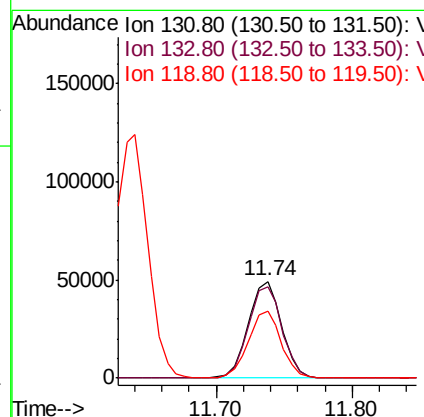
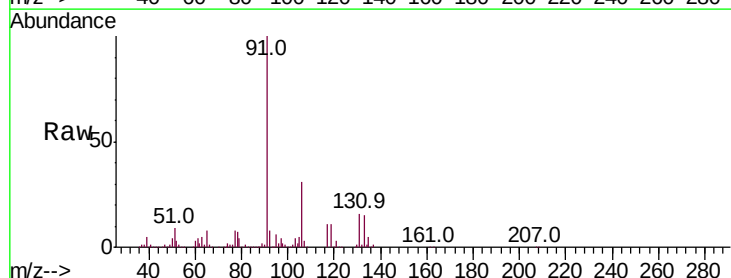
Instrument :
MSVOA_W
ClientSampleId :

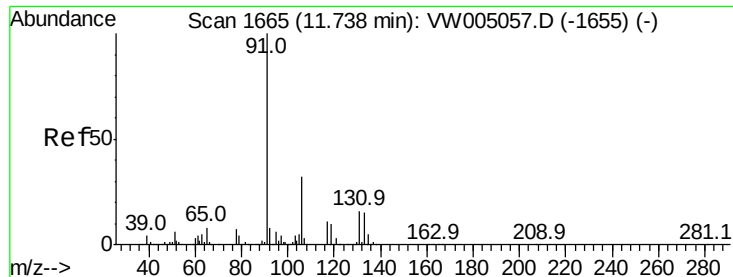
Tot Ion:112 Resp: 285409
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.692 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion:131 Resp: 84090
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.3
119 68.9 33.4 100.1

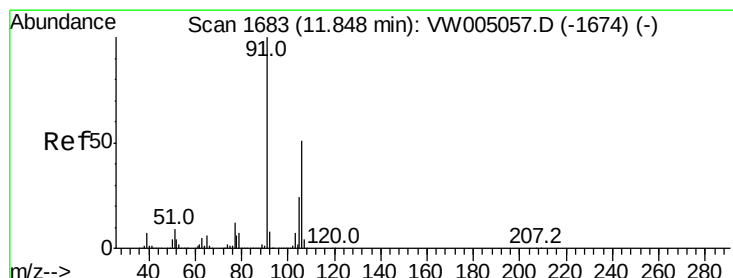
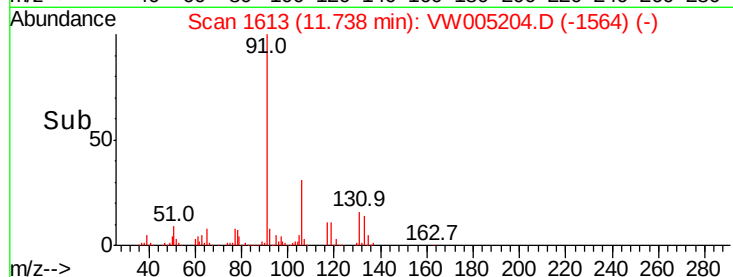
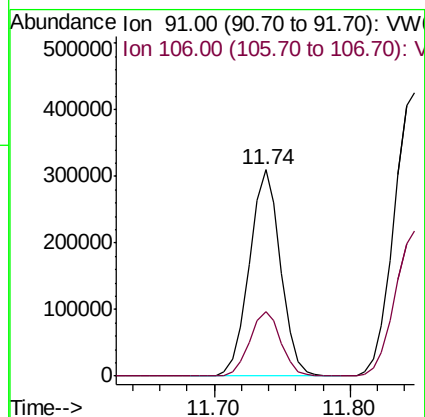
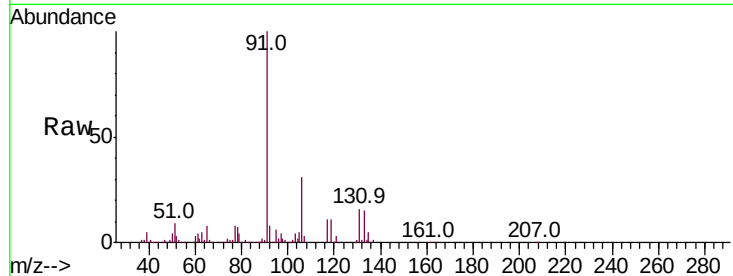




#67
Ethyl Benzene
Concen: 19.997 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

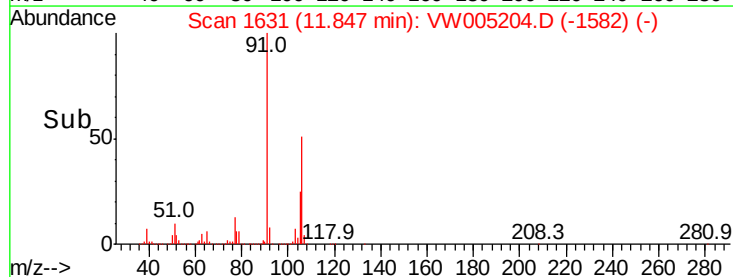
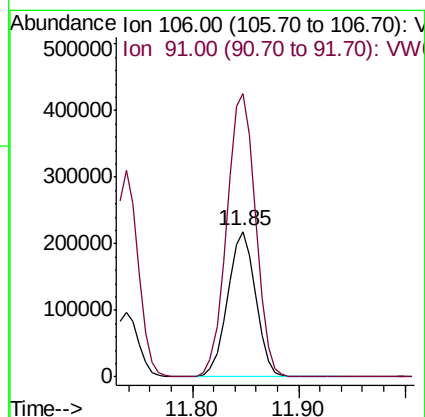
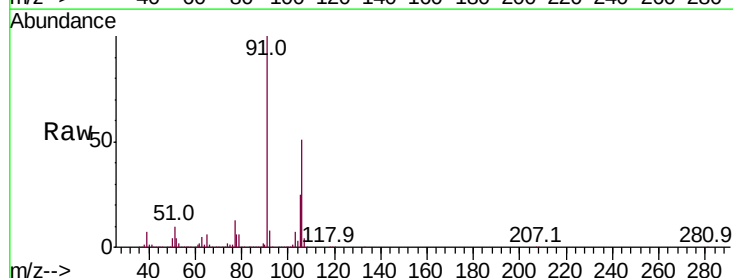
Instrument :
MSVOA_W
ClientSampled :

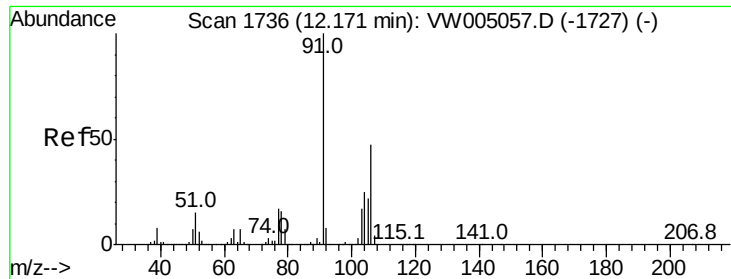
Tot Ion: 91 Resp: 497673
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 40.466 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 106 Resp: 403230
Ion Ratio Lower Upper
106 100
91 199.5 158.4 237.6

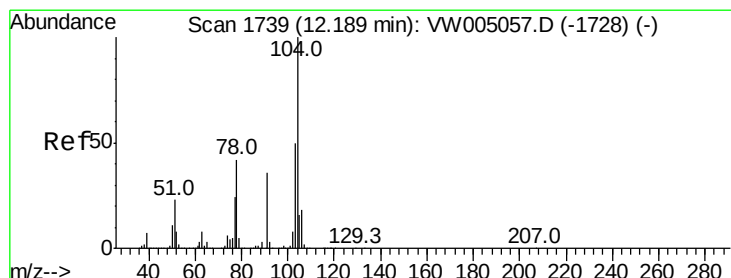
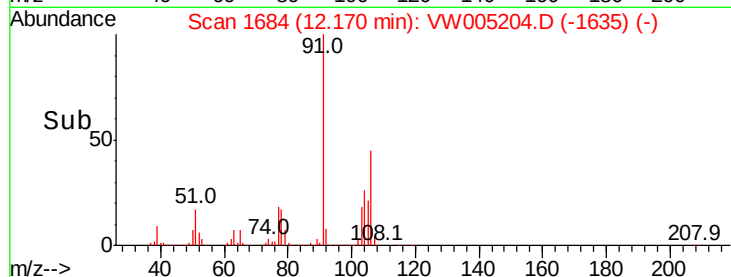
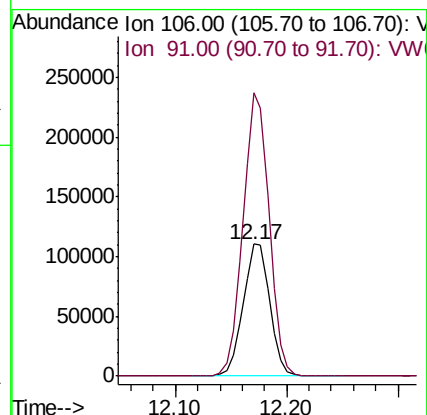
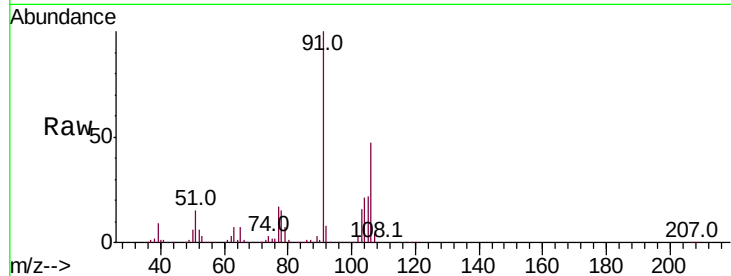




#69
o-Xylene
Concen: 19.848 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

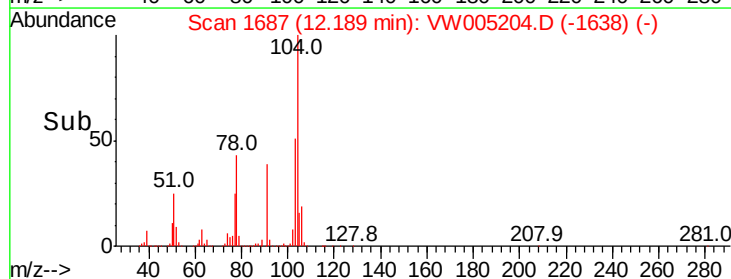
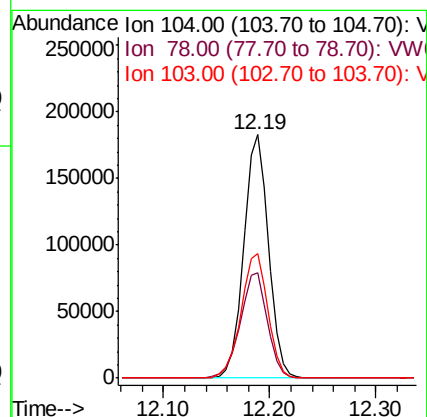
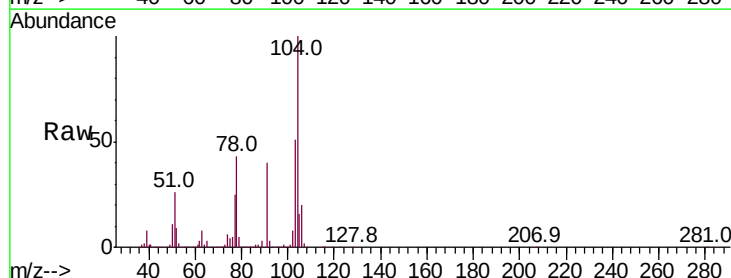
Instrument :
MSVOA_W
ClientSampled :

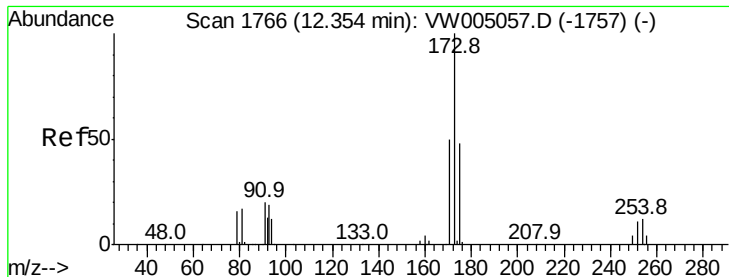
Tot Ion:106 Resp: 182859
Ion Ratio Lower Upper
106 100
91 209.7 105.6 316.8



#70
Styrene
Concen: 19.560 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion:104 Resp: 297681
Ion Ratio Lower Upper
104 100
78 47.5 37.8 56.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 18.108 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

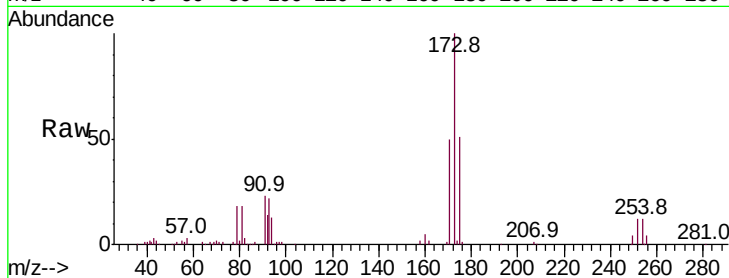
Tot Ion:173 Resp: 43175

Ion Ratio Lower Upper

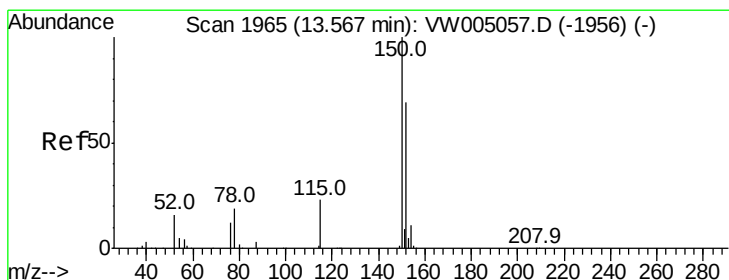
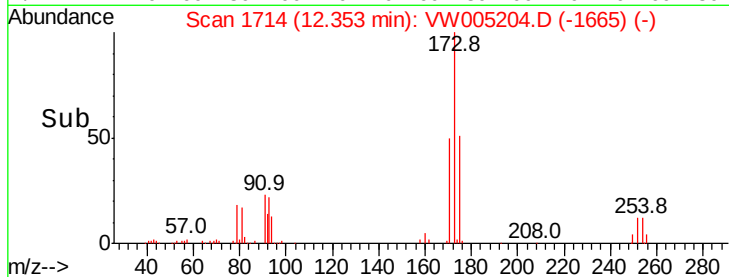
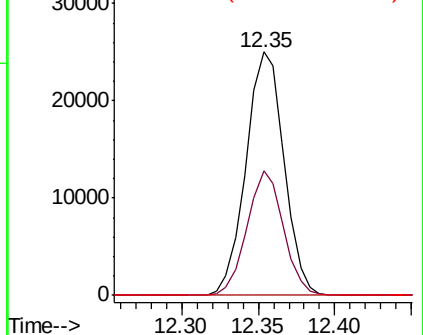
173 100

175 49.1 24.1 72.2

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

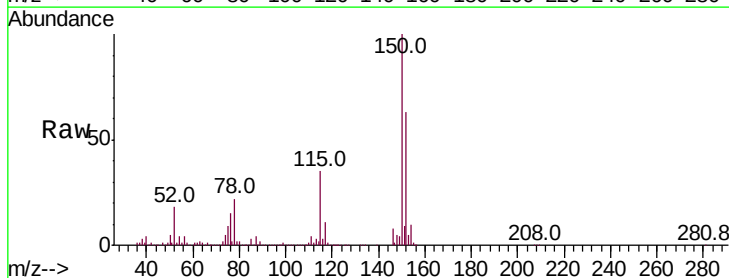
Tgt Ion:152 Resp: 351827

Ion Ratio Lower Upper

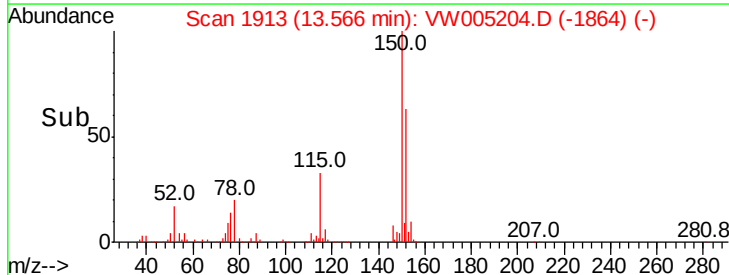
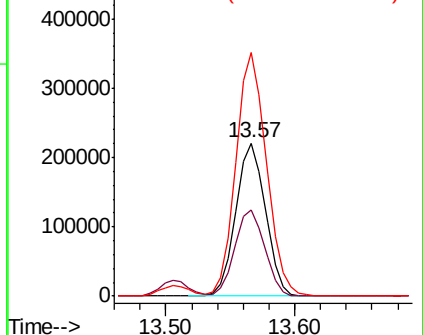
152 100

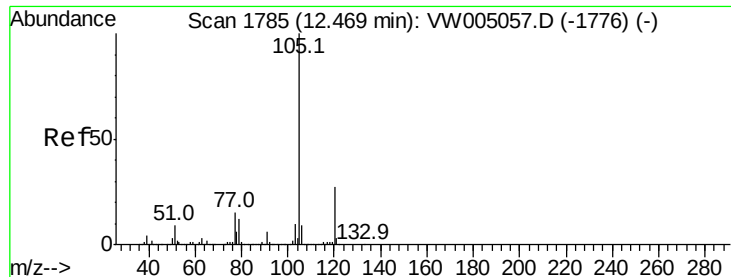
115 56.7 27.8 83.4

150 164.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.229 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

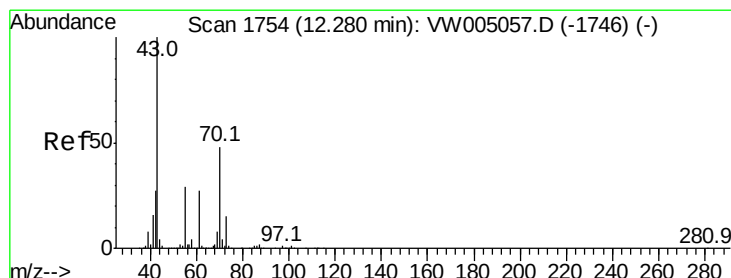
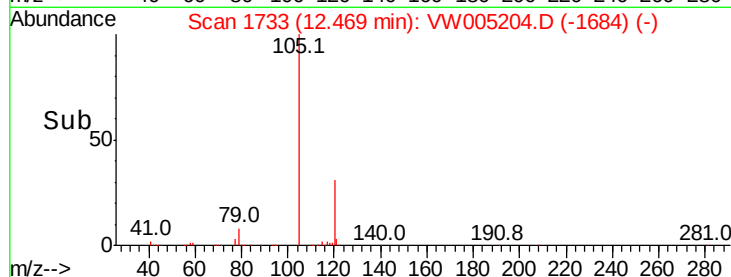
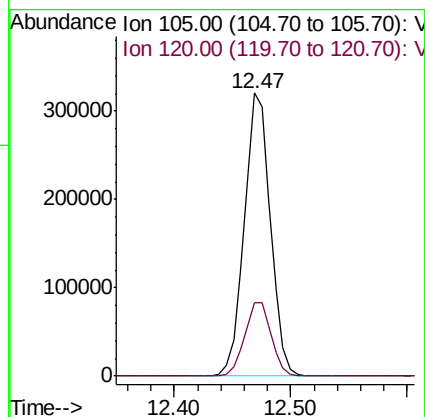
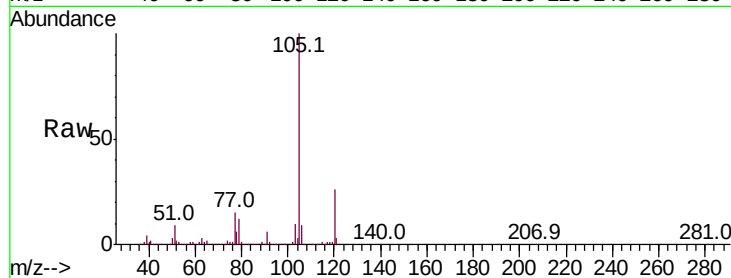
ClientSampleId :

Tot Ion:105 Resp: 501837

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 20.614 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion: 43 Resp: 88052

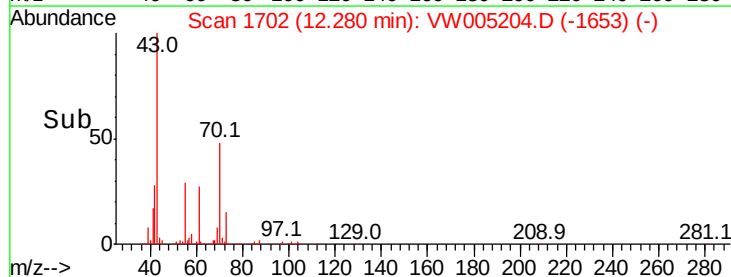
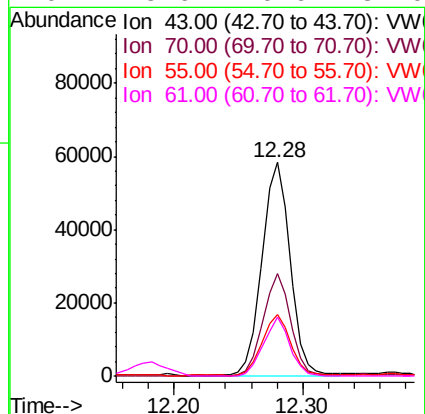
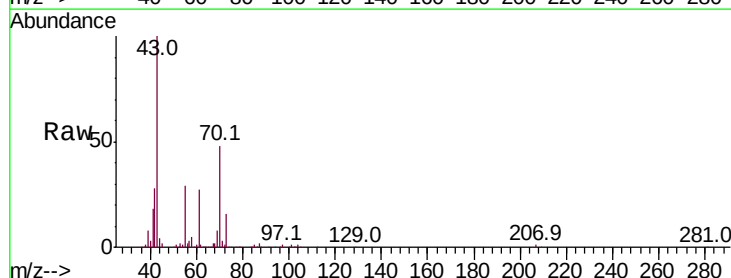
Ion Ratio Lower Upper

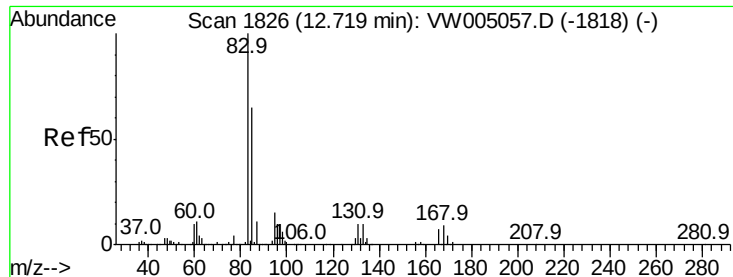
43 100

70 47.1 38.2 57.4

55 29.0 23.2 34.8

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.797 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampled :

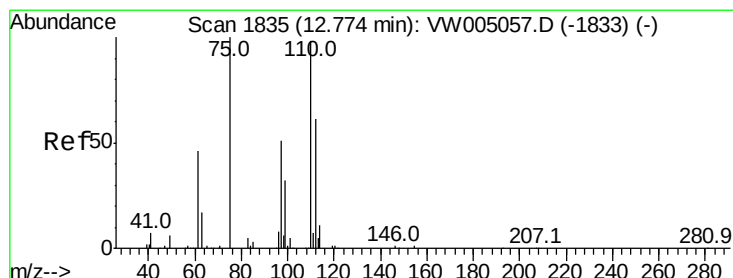
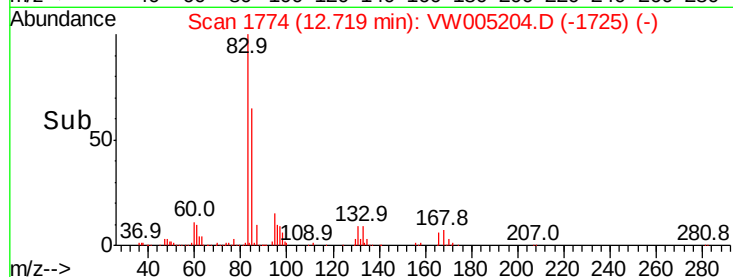
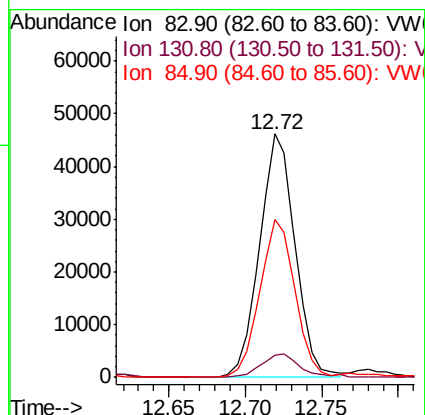
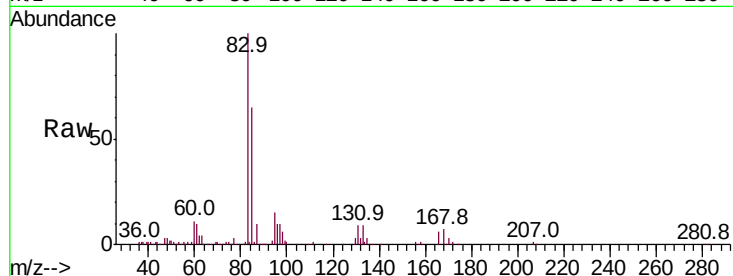
Tot Ion: 83 Resp: 74764

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 64.2 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 36.568 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005204.D

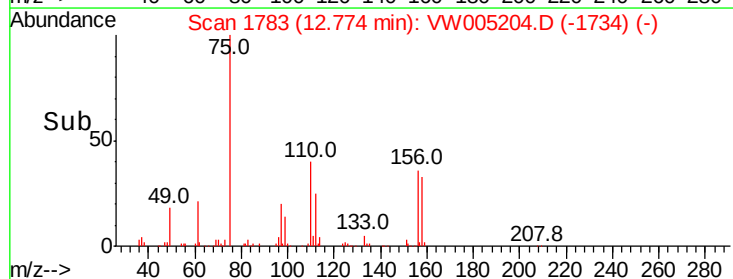
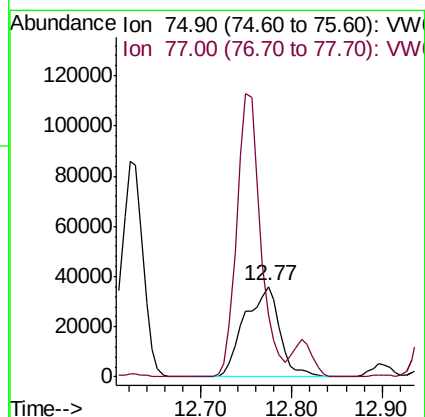
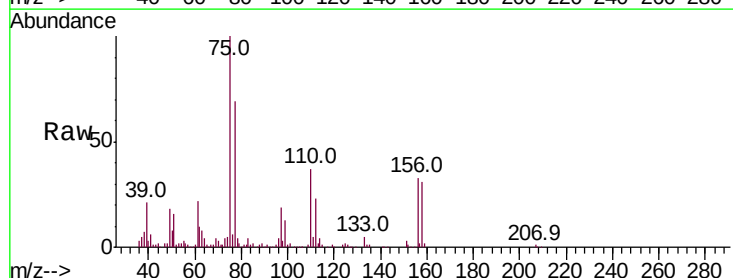
Acq: 07 Sep 2018 13:09

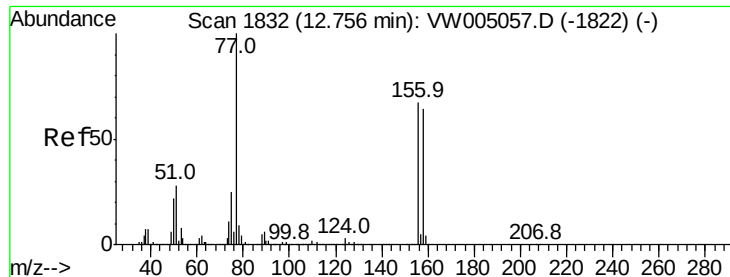
Tgt Ion: 75 Resp: 96571

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.340 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

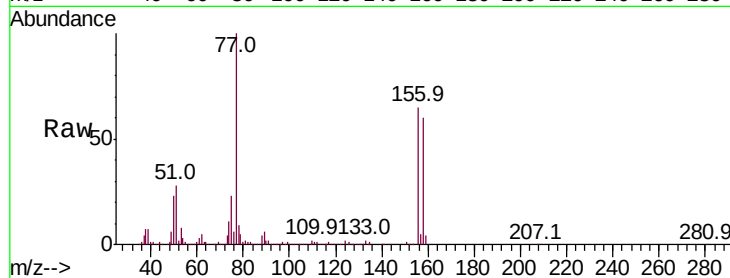
Tot Ion:156 Resp: 118215

Ion Ratio Lower Upper

156 100

77 174.6 85.8 257.4

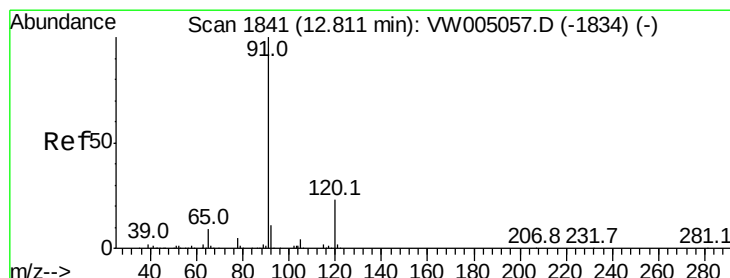
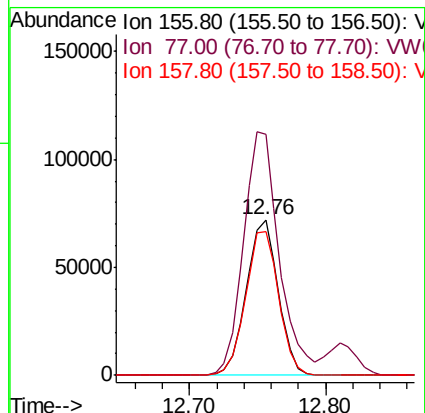
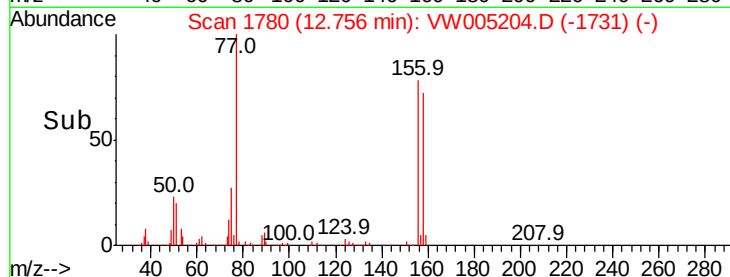
158 95.9 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.751 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005204.D

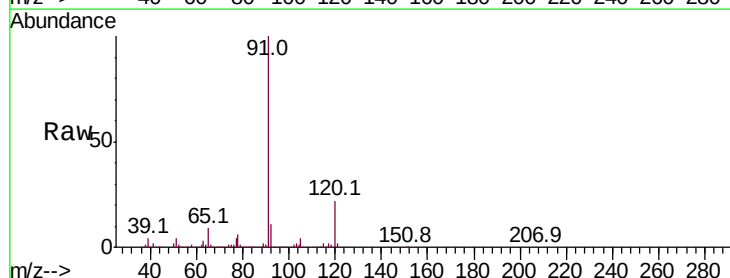
Acq: 07 Sep 2018 13:09

Tgt Ion: 91 Resp: 621446

Ion Ratio Lower Upper

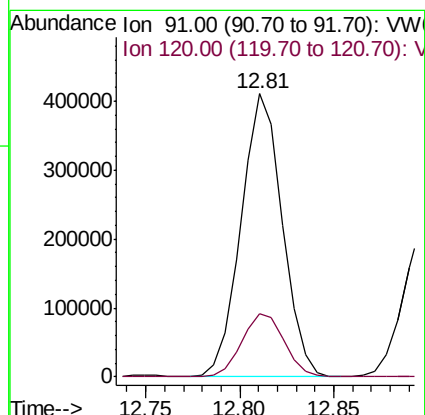
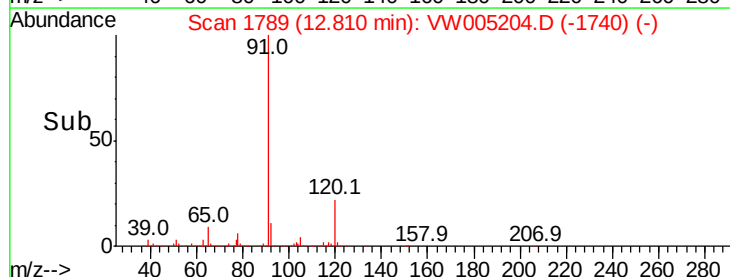
91 100

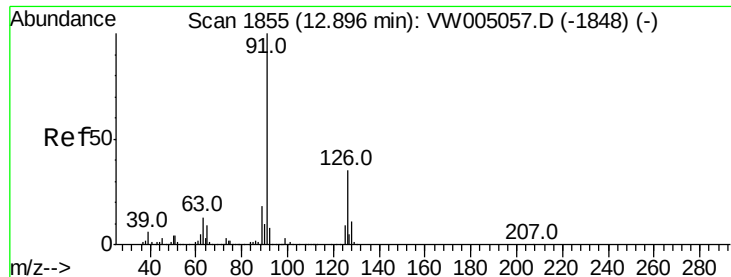
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.086 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

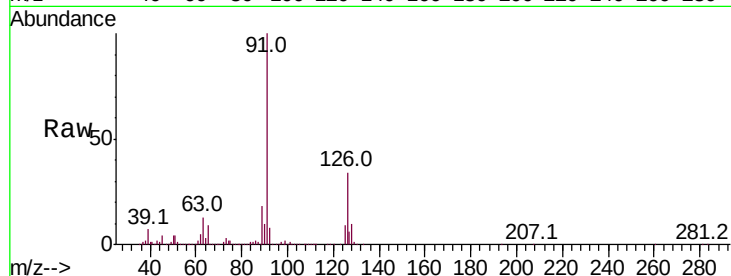
ClientSampled :

Tot Ion: 91 Resp: 350933

Ion Ratio Lower Upper

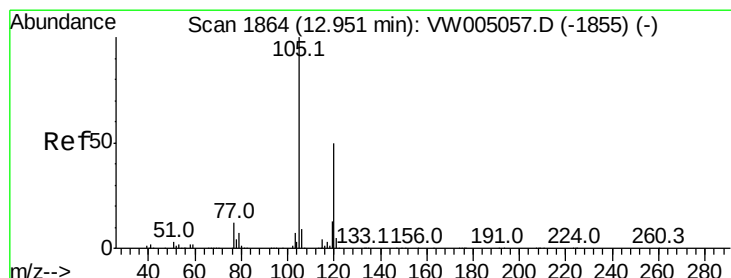
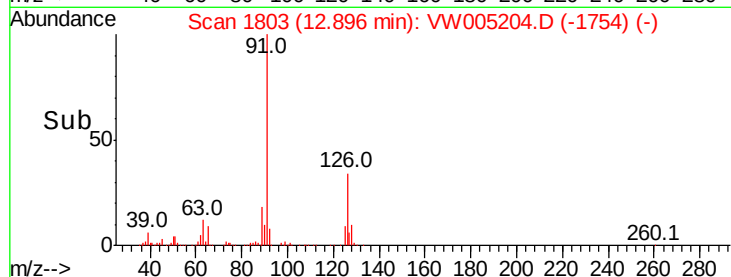
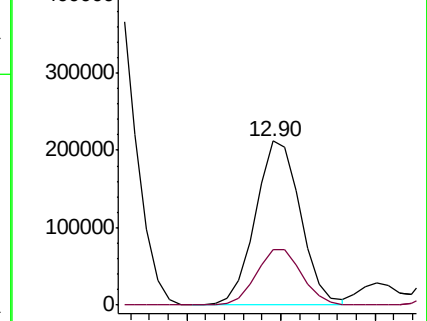
91 100

126 34.4 17.3 52.0



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: 20.014 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005204.D

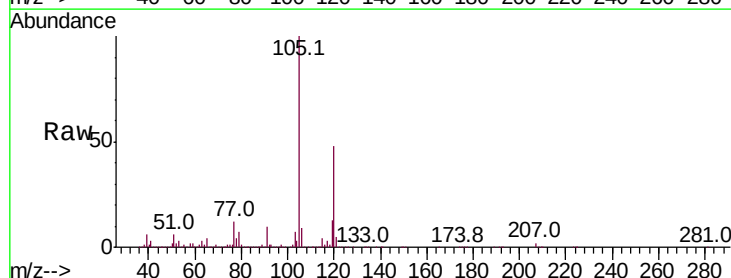
Acq: 07 Sep 2018 13:09

Tgt Ion: 105 Resp: 429364

Ion Ratio Lower Upper

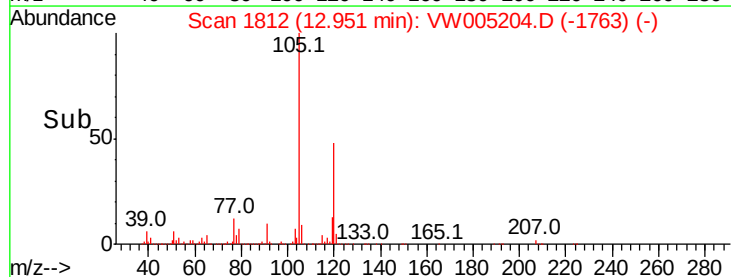
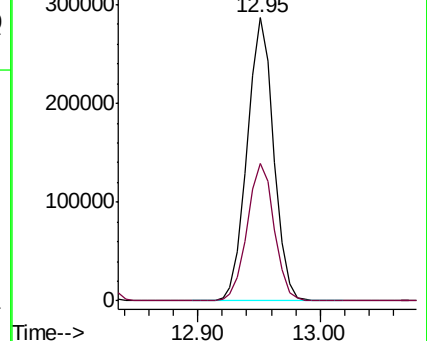
105 100

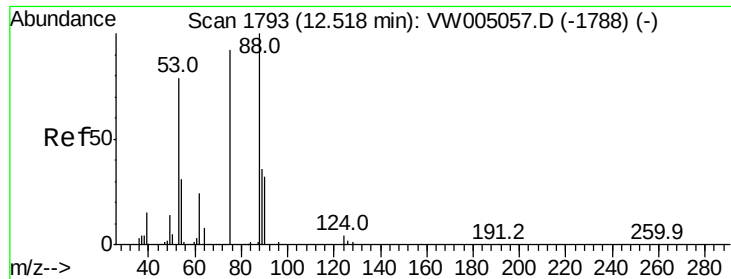
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

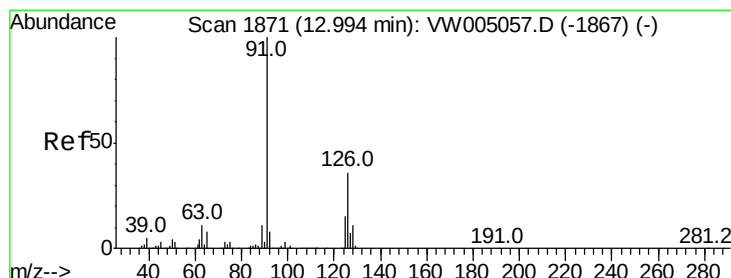
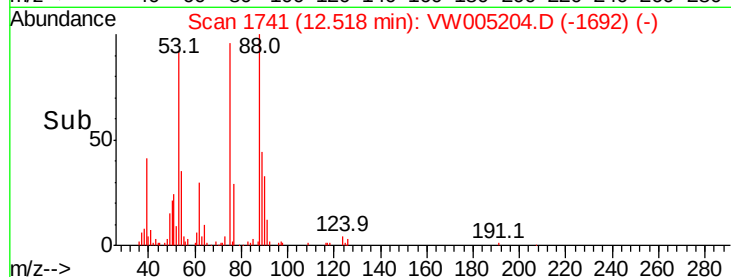
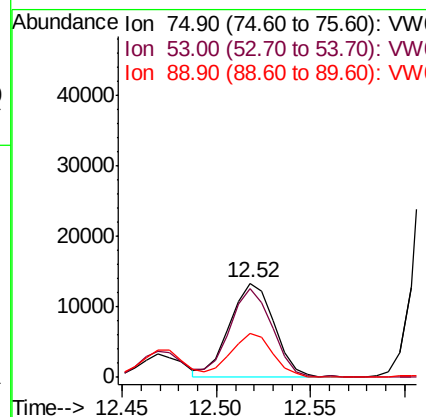
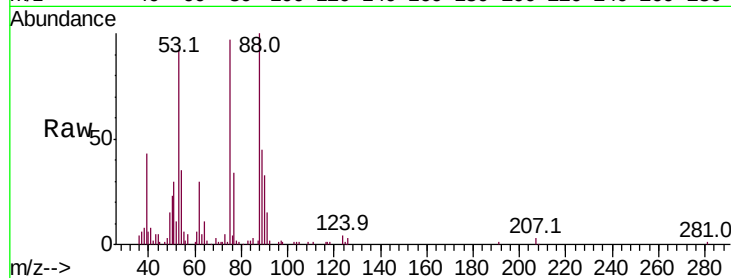




#81
trans-1,4-Dichloro-2-butene
Concen: 19.609 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

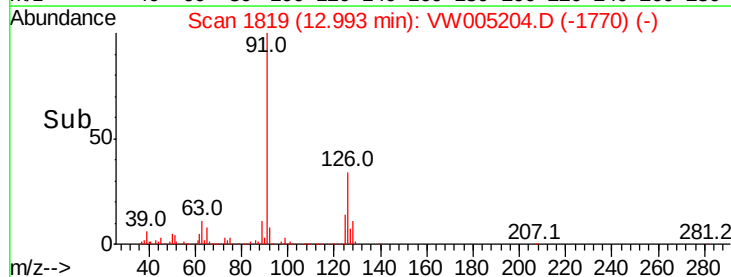
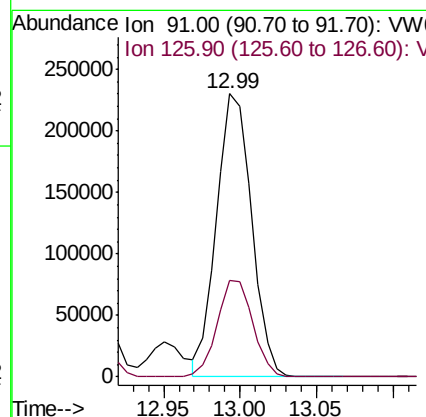
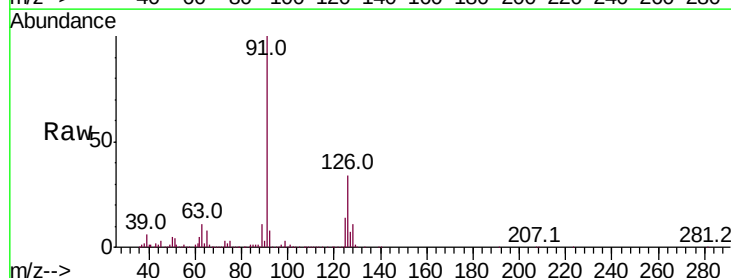
Instrument :
MSVOA_W
ClientSampleId :

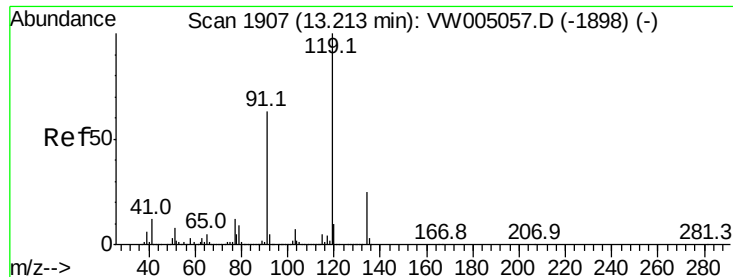
Tot Ion: 75 Resp: 21515
Ion Ratio Lower Upper
75 100
53 93.0 69.8 104.8
89 45.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 19.910 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion: 91 Resp: 367338
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.398 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

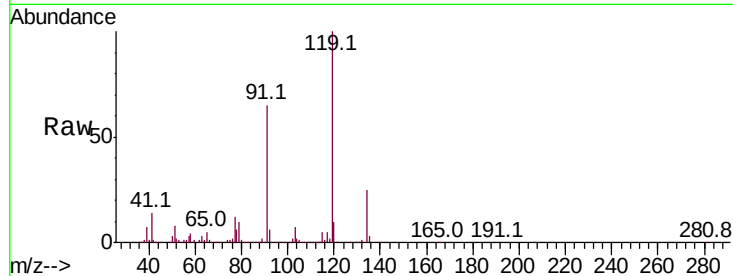
Tot Ion:119 Resp: 365439

Ion Ratio Lower Upper

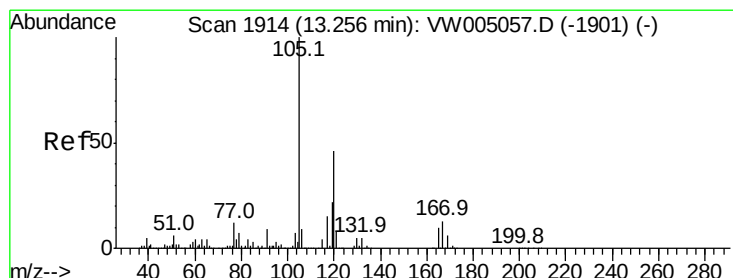
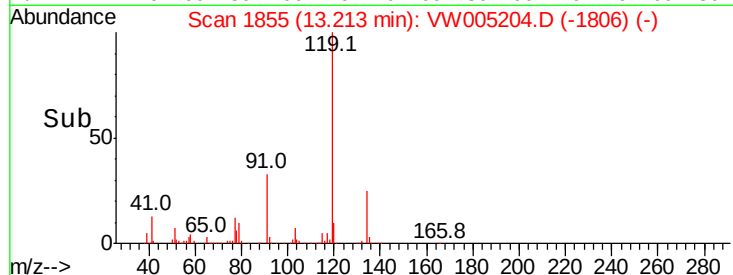
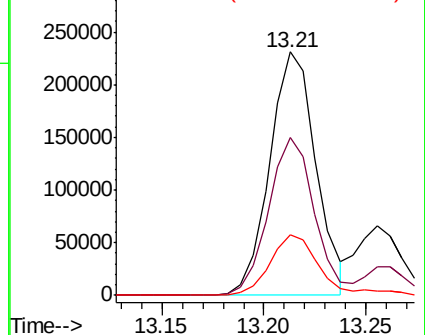
119 100

91 64.6 31.8 95.4

134 26.7 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.860 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005204.D

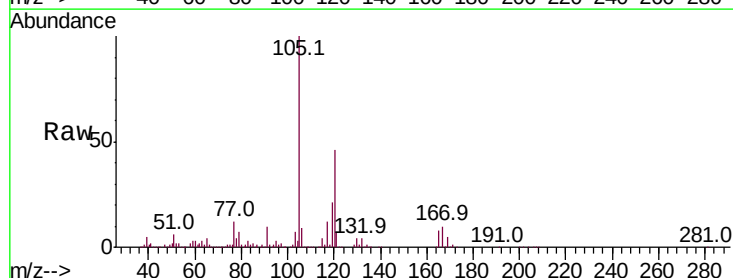
Acq: 07 Sep 2018 13:09

Tgt Ion:105 Resp: 433917

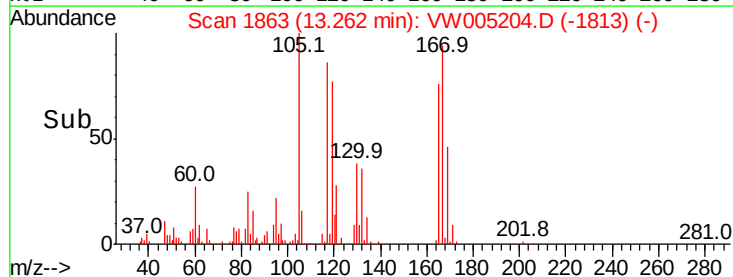
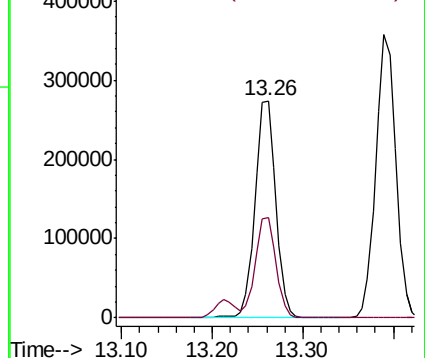
Ion Ratio Lower Upper

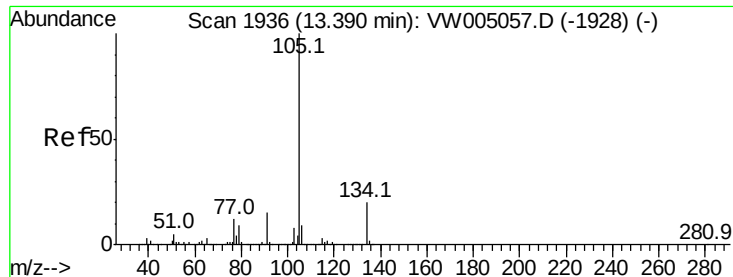
105 100

120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

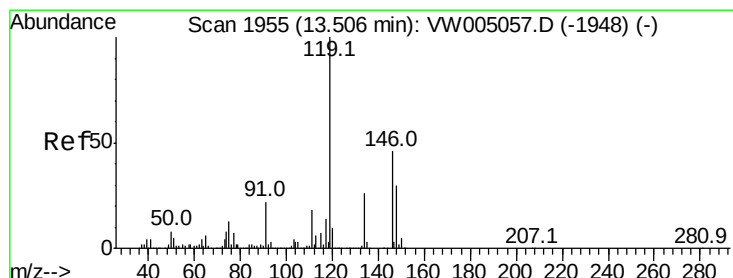
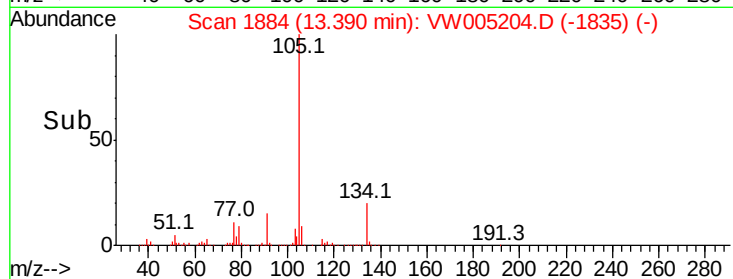
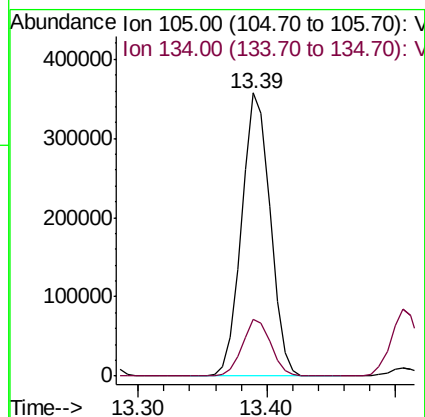
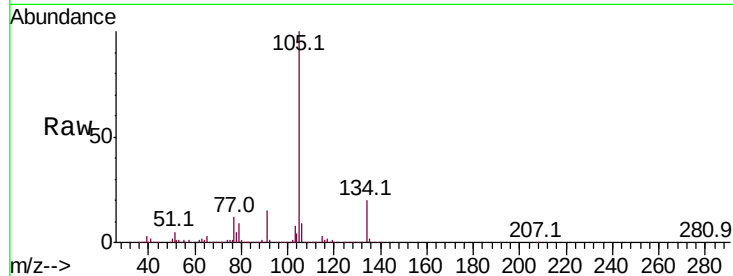




#85
 sec-Butylbenzene
 Concen: 20.783 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

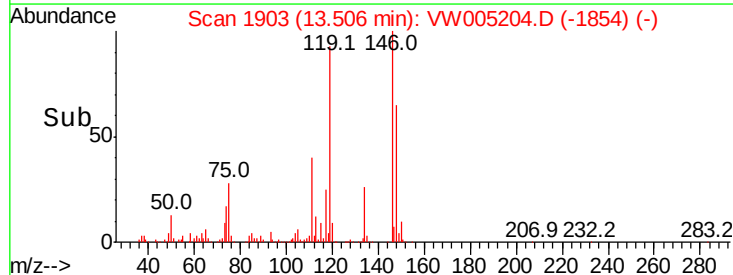
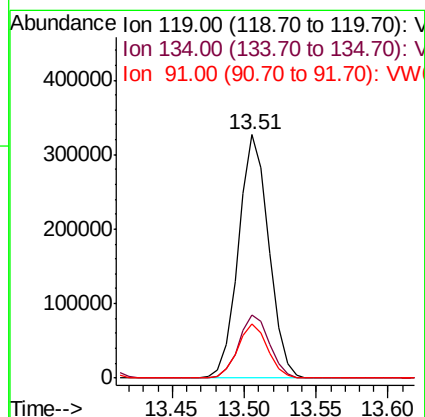
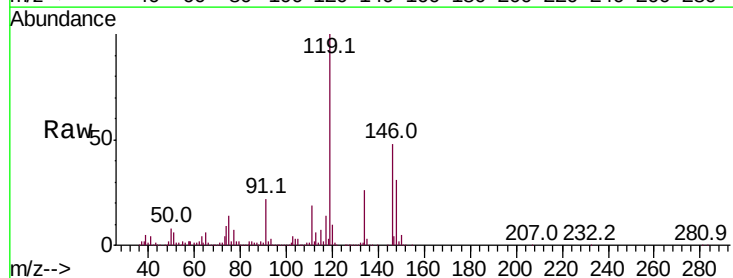
Instrument :
 MSVOA_W
 ClientSampled :

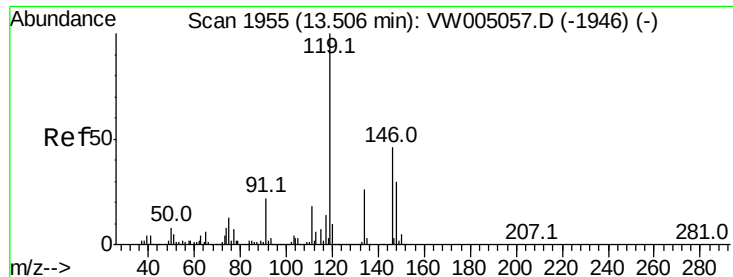
Tot Ion:105 Resp: 547185
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.420 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion:119 Resp: 475910
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.453 ug/l

RT: 13.51 min Scan# 1903

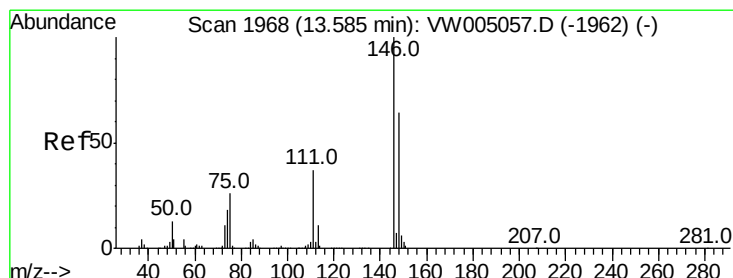
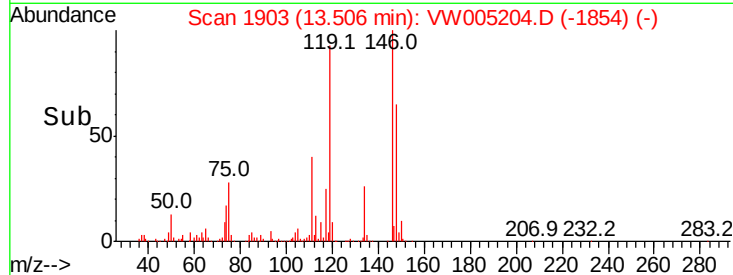
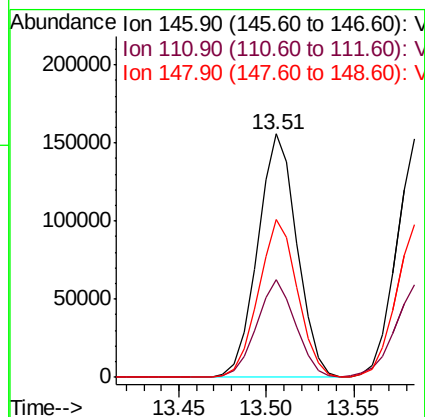
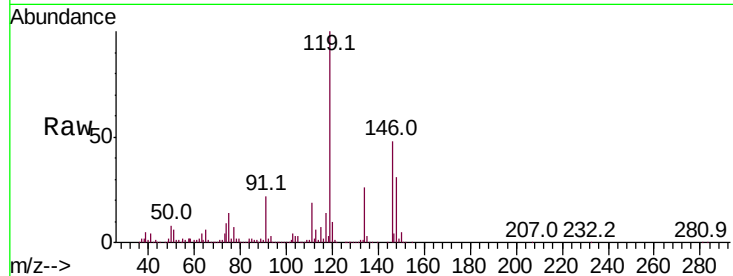
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	64.6	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 19.345 ug/l

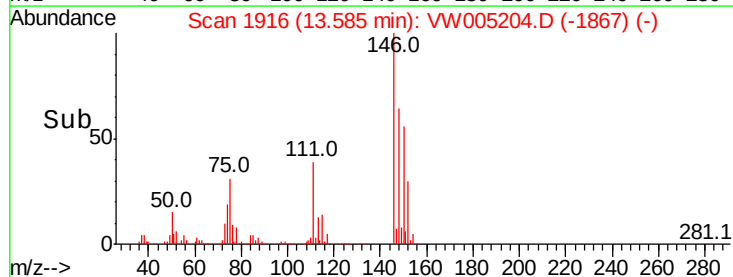
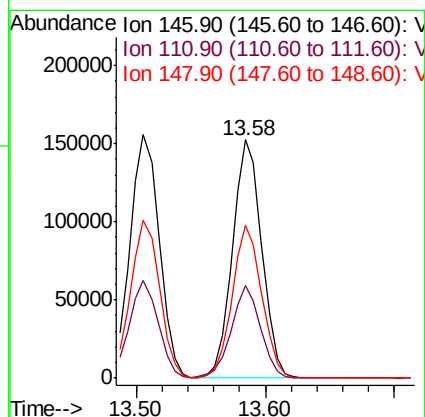
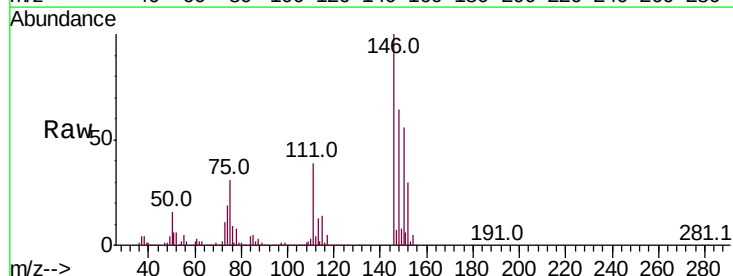
RT: 13.58 min Scan# 1916

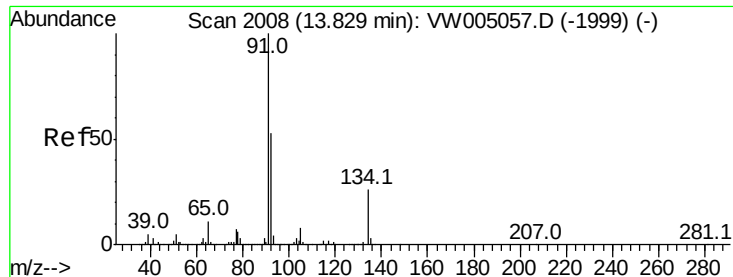
Delta R.T. -0.00 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	56.0
148	64.6	32.0	96.0





#89

n-Butylbenzene

Concen: 20.703 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005204.D

Acq: 07 Sep 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

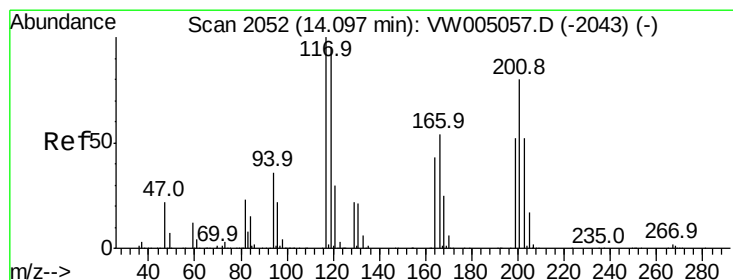
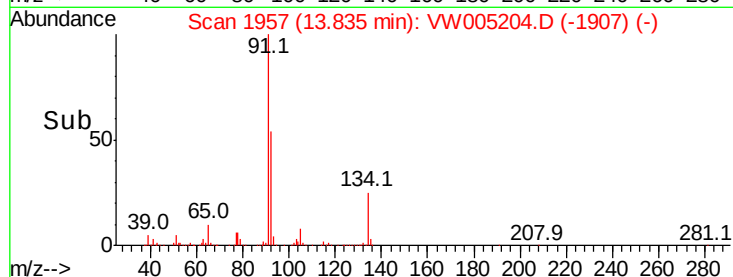
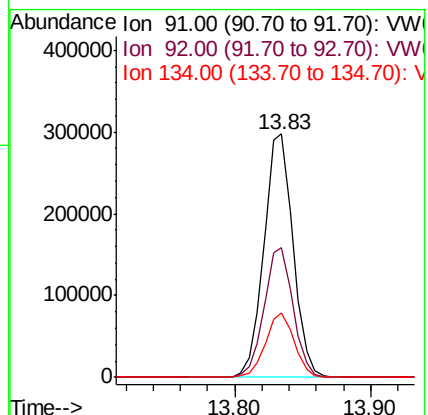
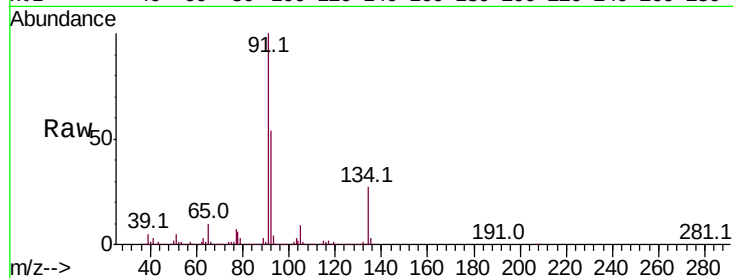
Tot Ion: 91 Resp: 447174

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 26.2 13.5 40.4



#90

Hexachloroethane

Concen: 19.155 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005204.D

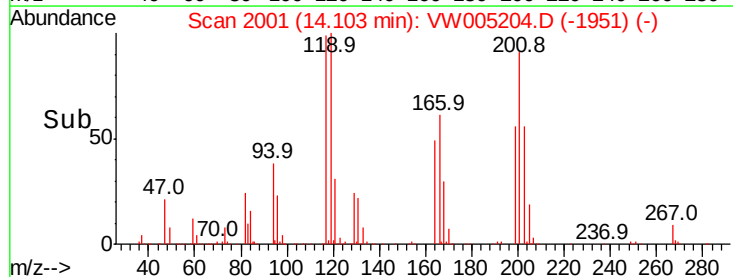
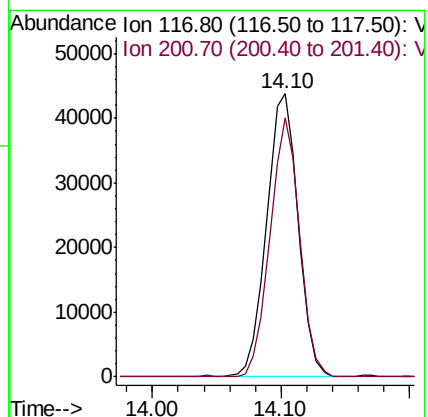
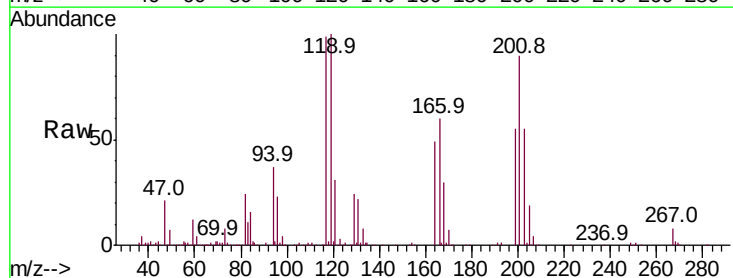
Acq: 07 Sep 2018 13:09

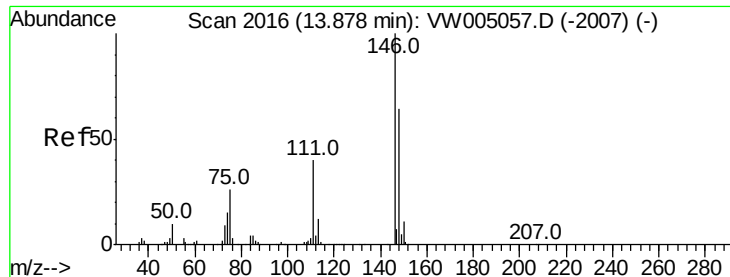
Tgt Ion: 117 Resp: 74157

Ion Ratio Lower Upper

117 100

201 86.1 44.6 133.8

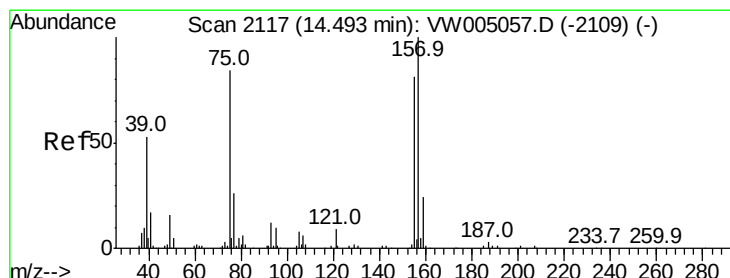
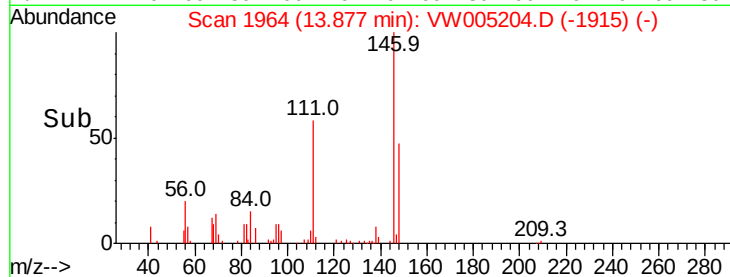
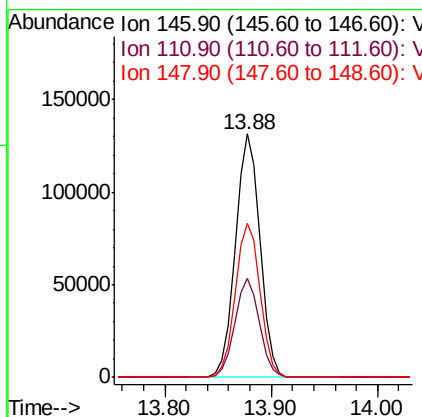
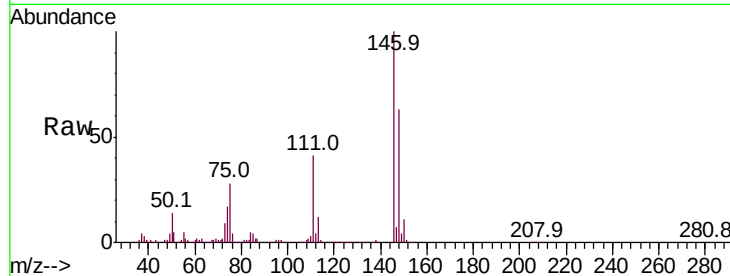




#91
 1,2-Dichlorobenzene
 Concen: 19.438 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

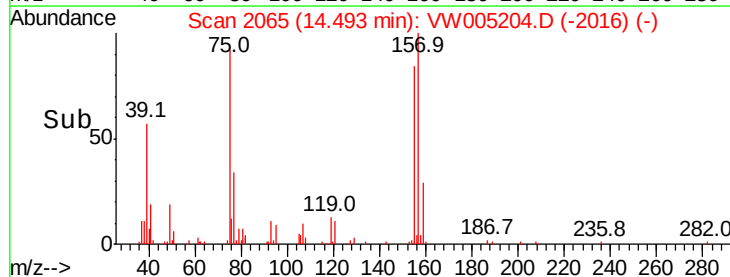
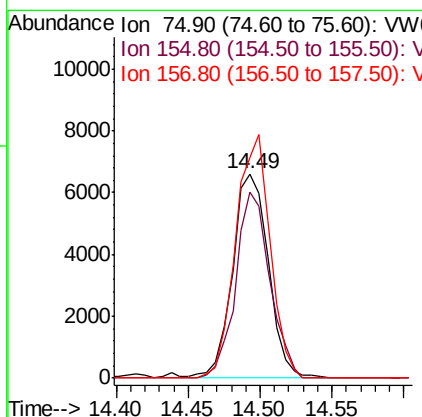
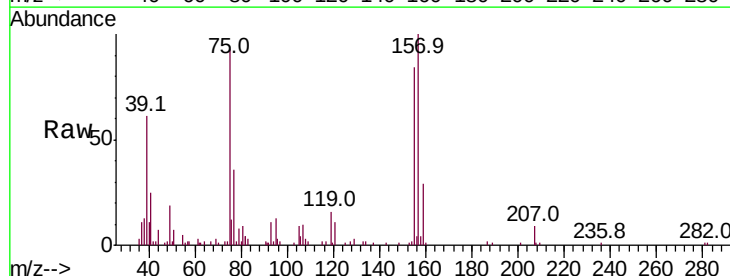
Instrument :
 MSVOA_W
 ClientSampleId :

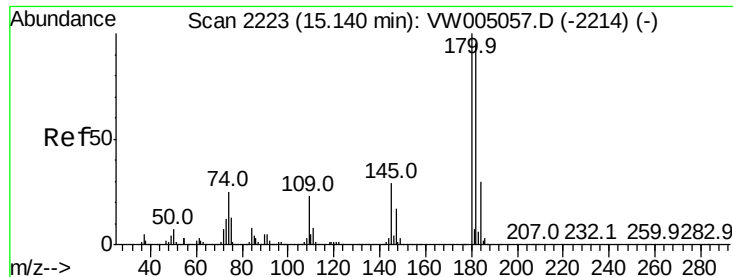
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.420 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	46.0	137.8
157	113.8	58.6	175.7

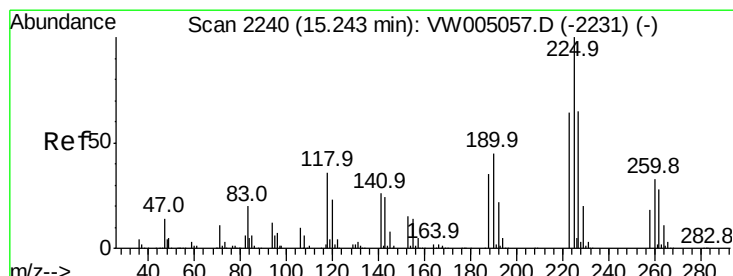
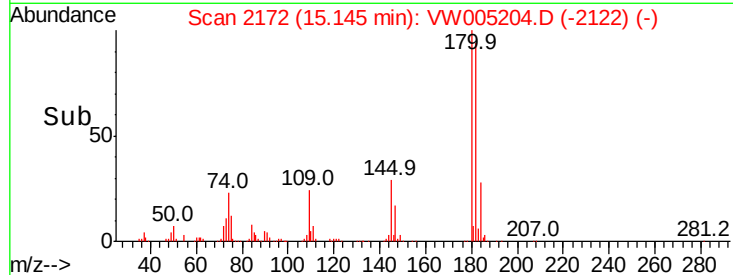
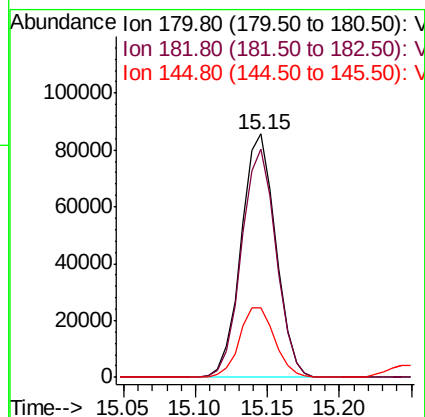
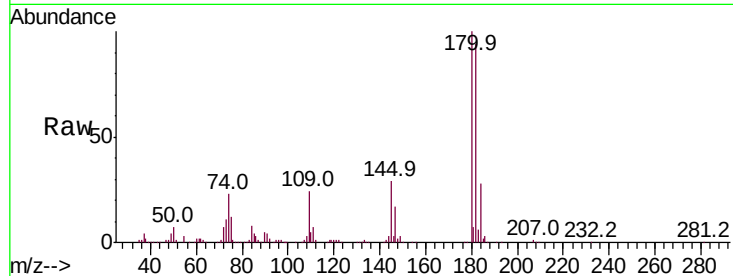




#93
 1,2,4-Trichlorobenzene
 Concen: 19.362 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

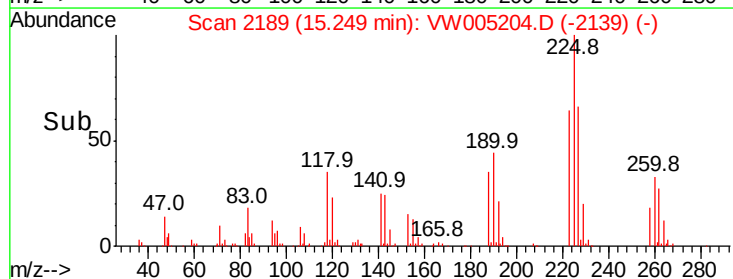
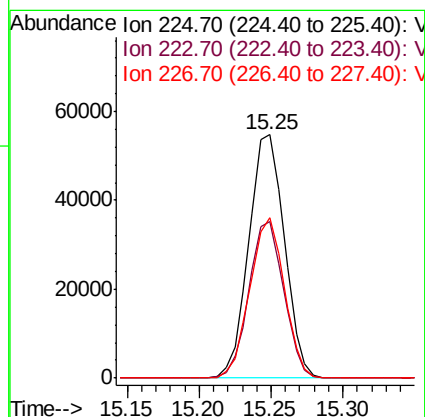
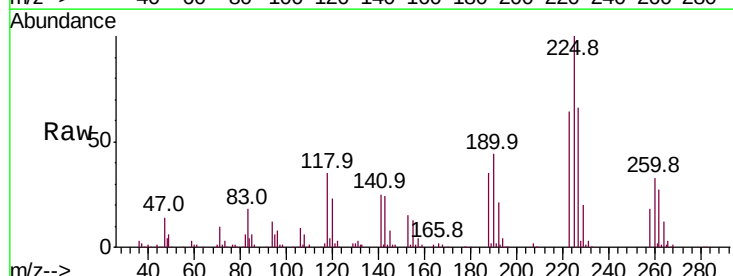
Instrument :
 MSVOA_W
 ClientSampled :

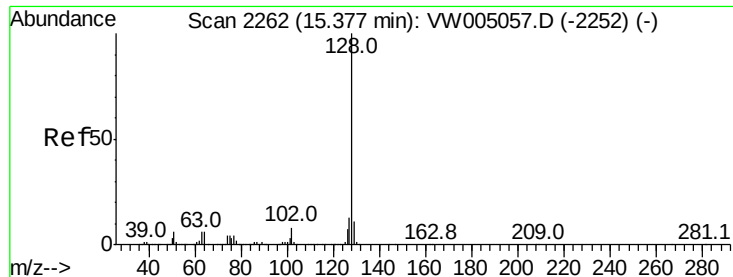
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	29.2	14.4	43.2



#94
 Hexachlorobutadiene
 Concen: 20.511 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005204.D
 Acq: 07 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.3
227	63.9	32.0	96.0

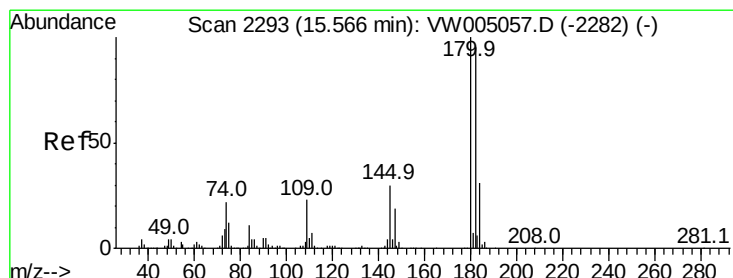
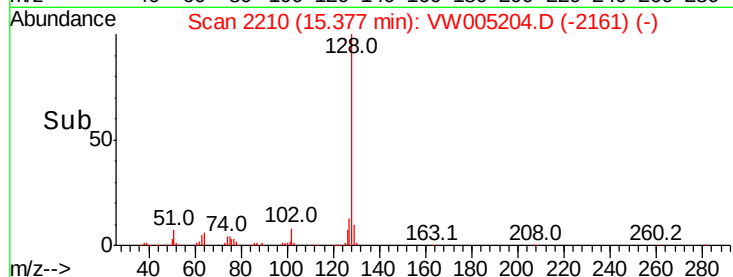
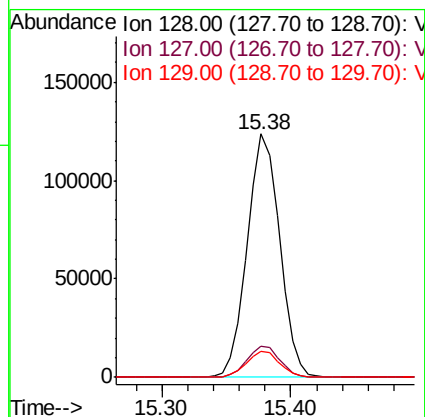
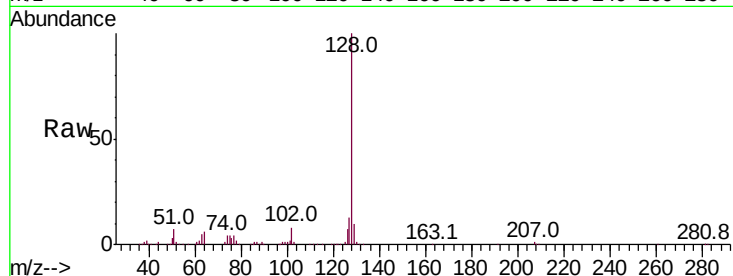




#95
Naphthalene
Concen: 19.592 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 215172
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.110 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005204.D
Acq: 07 Sep 2018 13:09

Tgt Ion:180 Resp: 120013
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.4 15.4 46.1

