

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005316.D
 Acq On : 12 Sep 2018 10:38
 Operator : SY/AP
 Sample : VW0911SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 11:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	544431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	785976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	771263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	231598	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	7.89	113	230330	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
50) Toluene-d8	10.33	98	1099842	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	401708	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106781	22.737	ug/l	100
3) Chloromethane	2.21	50	143130	22.796	ug/l	99
4) Vinyl Chloride	2.35	62	130602	22.658	ug/l	95
5) Bromomethane	2.73	94	98852	26.893	ug/l	97
6) Chloroethane	2.90	64	70648	22.250	ug/l	99
7) Trichlorofluoromethane	3.25	101	146678	22.494	ug/l	97
8) Diethyl Ether	3.68	74	54388	23.404	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100427	21.562	ug/l	97
10) Methyl Iodide	4.27	142	56183	12.386	ug/l	99
11) Tert butyl alcohol	5.16	59	47521	142.702	ug/l	95
12) 1,1-Dichloroethene	4.03	96	95203	22.199	ug/l	99
13) Acrolein	3.89	56	38429	119.465	ug/l	100
14) Allyl chloride	4.67	41	146777	22.274	ug/l	98
15) Acrylonitrile	5.37	53	126549	120.703	ug/l	99
16) Acetone	4.12	43	97199	128.957	ug/l	99
17) Carbon Disulfide	4.37	76	335999	22.321	ug/l	99
18) Methyl Acetate	4.67	43	53794	23.909	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	240687	23.563	ug/l	98
20) Methylene Chloride	4.92	84	133670	22.020	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	109596	21.888	ug/l	95
22) Diisopropyl ether	6.32	45	321752	24.254	ug/l	97
23) Vinyl Acetate	6.26	43	897257	121.364	ug/l	99
24) 1,1-Dichloroethane	6.22	63	183875	22.517	ug/l	97
25) 2-Butanone	7.17	43	154072	129.592	ug/l	95
26) 2,2-Dichloropropane	7.17	77	155923	22.022	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	119432	22.287	ug/l	97
28) Bromochloromethane	7.52	49	68672	22.795	ug/l #	96
29) Tetrahydrofuran	7.53	42	99547	124.248	ug/l	98
30) Chloroform	7.68	83	181825	22.187	ug/l	99
31) Cyclohexane	7.96	56	190429	21.916	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	156853	21.186	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156566	21.743	ug/l	100
37) Ethyl Acetate	7.26	43	68948	25.173	ug/l	98
38) Carbon Tetrachloride	8.07	117	140830	20.878	ug/l	96

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Instrument :
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 ClientSampleId :

Quant Time: Sep 12 11:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	196553	20.558	ug/l	99
40) Benzene	8.33	78	469350	22.124	ug/l	99
41) Methacrylonitrile	7.49	41	37635	26.783	ug/l	94
42) 1,2-Dichloroethane	8.40	62	113721	22.407	ug/l	100
43) Isopropyl Acetate	8.43	43	122602	24.105	ug/l	100
44) Trichloroethene	9.10	130	125565	21.575	ug/l	100
45) 1,2-Dichloropropane	9.37	63	115967	22.742	ug/l	96
46) Dibromomethane	9.46	93	54277	21.746	ug/l	97
47) Bromodichloromethane	9.65	83	132174	21.647	ug/l	96
48) Methyl methacrylate	9.44	41	57734	21.861	ug/l	94
49) 1,4-Dioxane	9.45	88	20214	433.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	334002	116.692	ug/l	98
52) Toluene	10.39	92	322364	20.908	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	142050	21.527	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	172800	21.868	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87990	22.110	ug/l	99
56) Ethyl methacrylate	10.65	69	109767	21.756	ug/l	99
57) 1,3-Dichloropropane	10.94	76	147541	22.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	244064	111.296	ug/l	99
59) 2-Hexanone	10.98	43	243640	118.074	ug/l	97
60) Dibromochloromethane	11.13	129	94783	21.464	ug/l	99
61) 1,2-Dibromoethane	11.24	107	79712	21.842	ug/l	98
64) Tetrachloroethene	10.87	164	116848	20.420	ug/l	97
65) Chlorobenzene	11.66	112	355011	21.012	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	107454	21.301	ug/l	99
67) Ethyl Benzene	11.74	91	614368	20.880	ug/l	99
68) m/p-Xylenes	11.85	106	492431	41.531	ug/l	99
69) o-Xylene	12.17	106	230339	20.880	ug/l	99
70) Styrene	12.19	104	378661	21.037	ug/l	100
71) Bromoform	12.35	173	57640	21.073	ug/l #	98
73) Isopropylbenzene	12.47	105	608766	21.067	ug/l	99
74) N-amyl acetate	12.28	43	125508	22.828	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	99633	22.942	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	130485	41.481	ug/l #	100
77) Bromobenzene	12.76	156	148242	21.776	ug/l	98
78) n-propylbenzene	12.81	91	745208	21.473	ug/l	99
79) 2-Chlorotoluene	12.90	91	429750	21.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	523912	21.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28983	21.608	ug/l	94
82) 4-Chlorotoluene	12.99	91	448738	21.451	ug/l	99
83) tert-Butylbenzene	13.21	119	442237	20.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	531478	21.494	ug/l	98
85) sec-Butylbenzene	13.39	105	648835	20.979	ug/l	99
86) p-Isopropyltoluene	13.51	119	571009	20.856	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	299689	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298514	21.262	ug/l	99
89) n-Butylbenzene	13.83	91	529686	20.580	ug/l	99
90) Hexachloroethane	14.10	117	89424	20.386	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	267149	21.262	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16524	22.881	ug/l	94

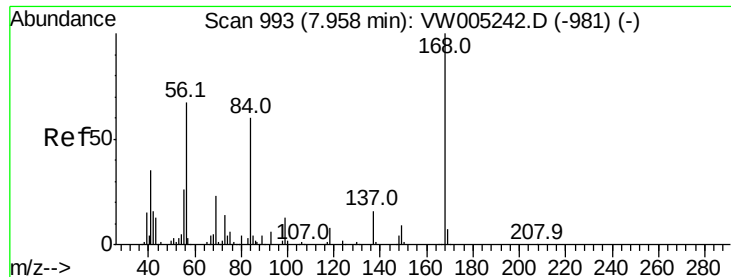
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Time: Sep 12 11:50:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176719	19.884	ug/l	98
94) Hexachlorobutadiene	15.25	225	111859	19.655	ug/l	100
95) Naphthalene	15.38	128	288450	20.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	151789	19.848	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

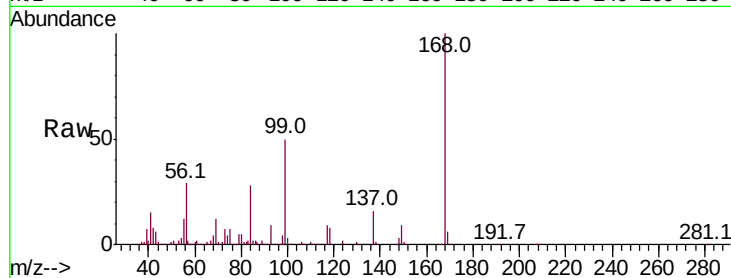
ClientSampleId :

Tot Ion:168 Resp: 544431

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

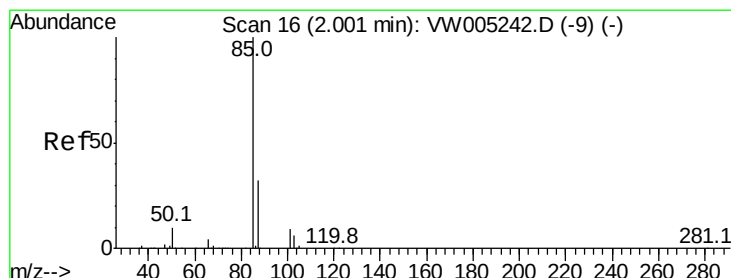
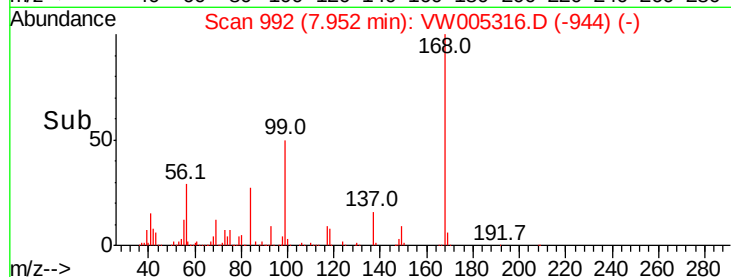
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.737 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005316.D

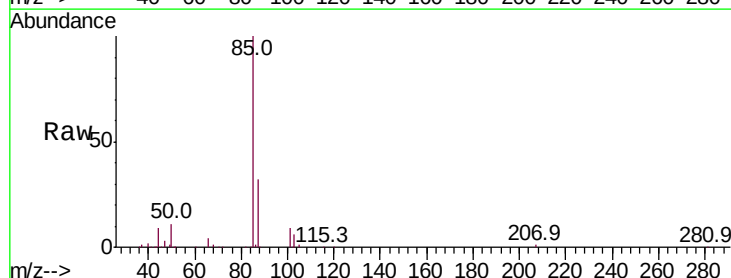
Acq: 12 Sep 2018 10:38

Tgt Ion: 85 Resp: 106781

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

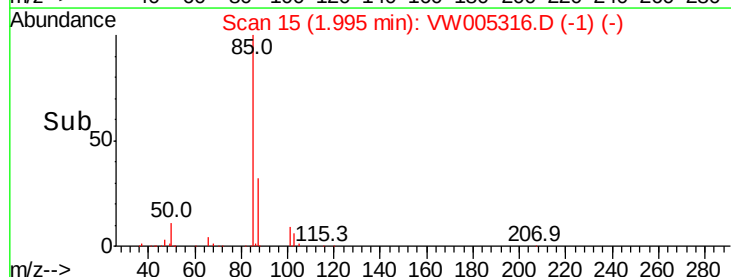
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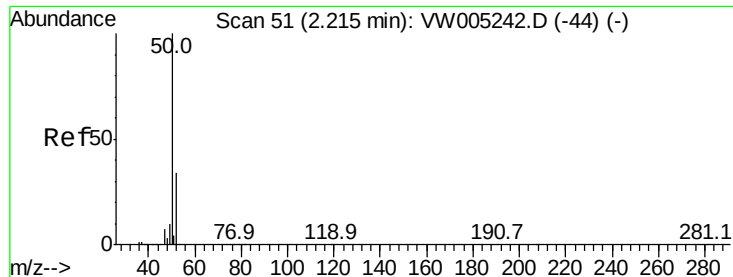
40000

20000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 22.796 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

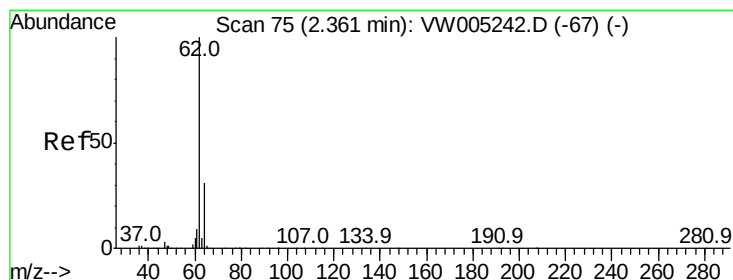
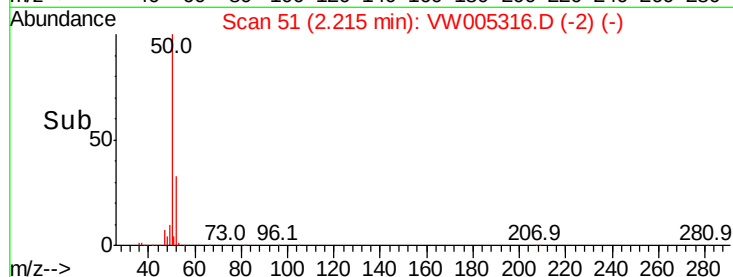
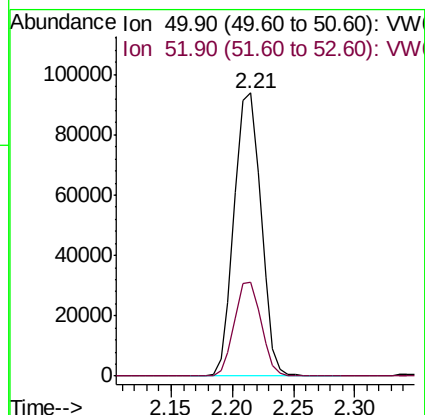
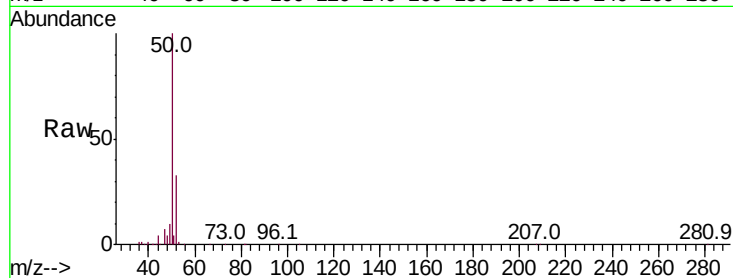
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 143130

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.4



#4

Vinyl Chloride

Concen: 22.658 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005316.D

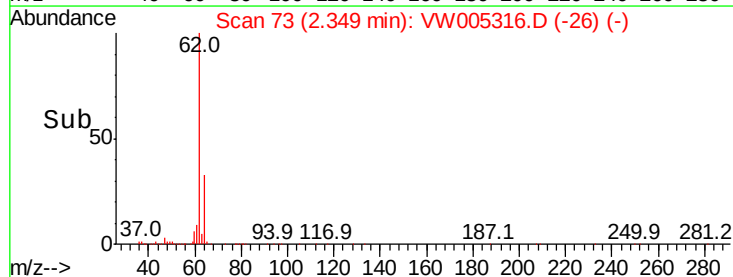
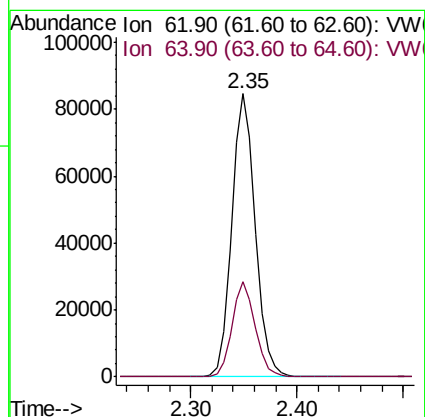
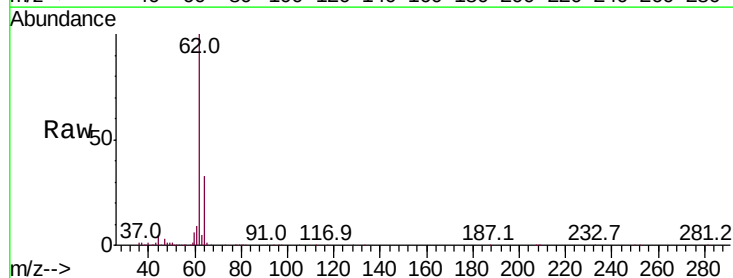
Acq: 12 Sep 2018 10:38

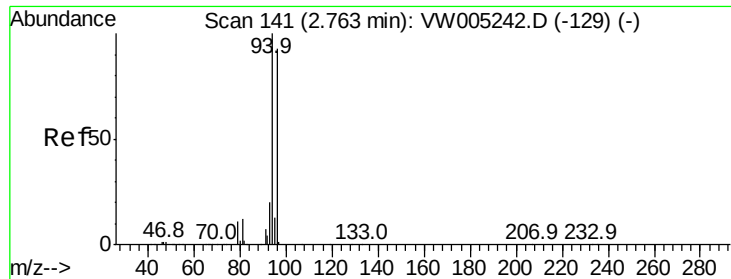
Tgt Ion: 62 Resp: 130602

Ion Ratio Lower Upper

62 100

64 33.4 24.6 37.0





#5

Bromomethane

Concen: 26.893 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

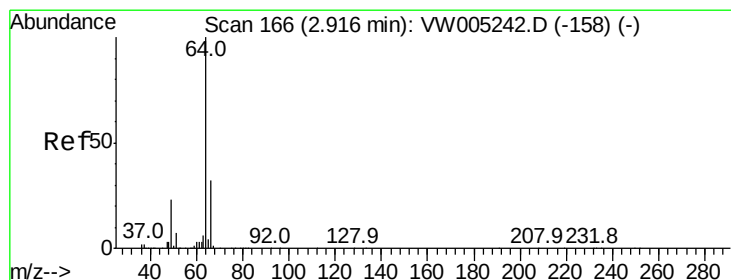
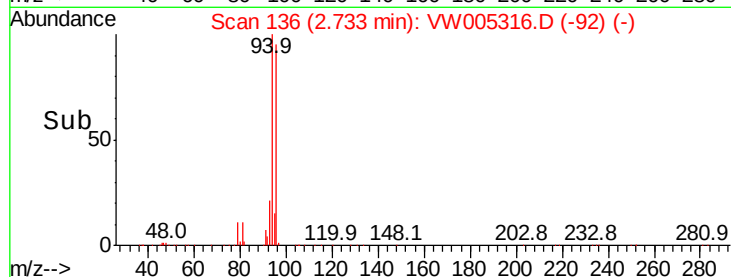
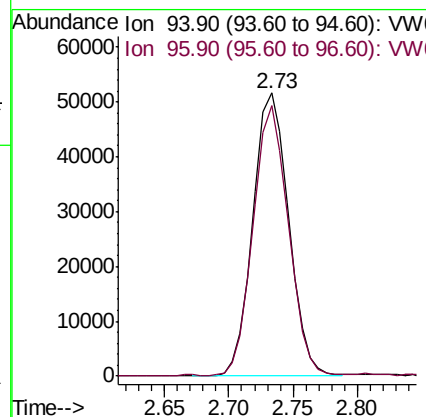
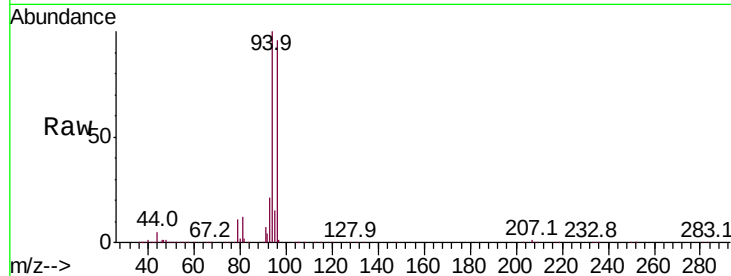
ClientSampled :

Tot Ion: 94 Resp: 98852

Ion Ratio Lower Upper

94 100

96 95.2 74.1 111.1



#6

Chloroethane

Concen: 22.250 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW005316.D

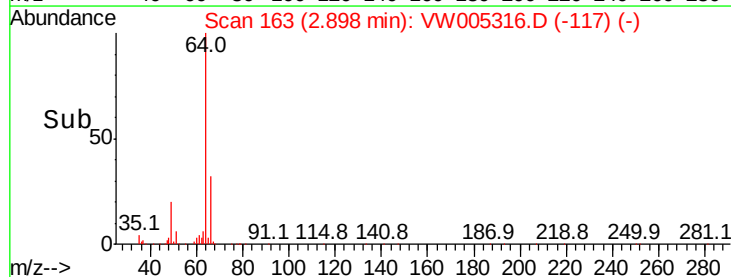
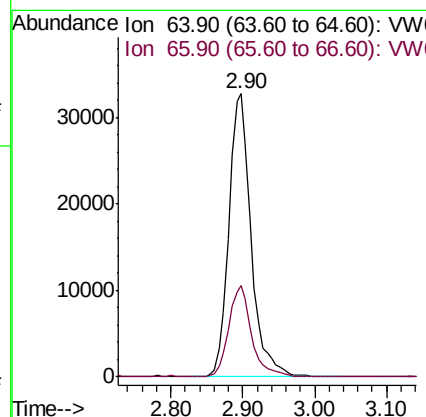
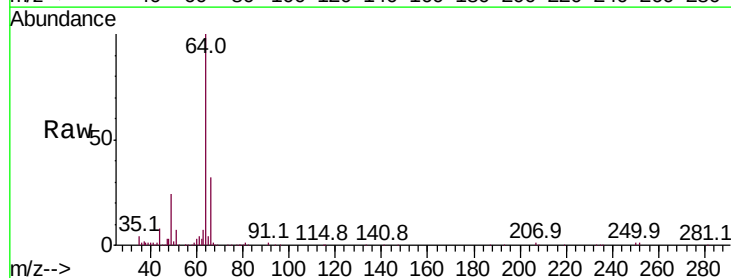
Acq: 12 Sep 2018 10:38

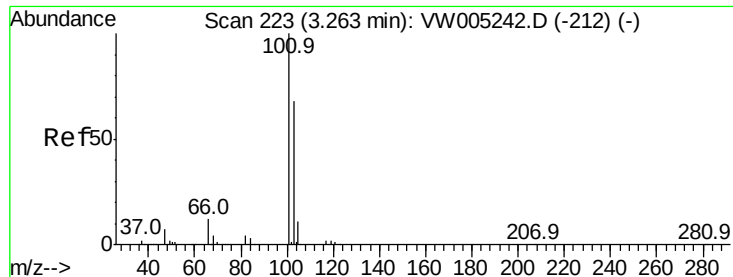
Tgt Ion: 64 Resp: 70648

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



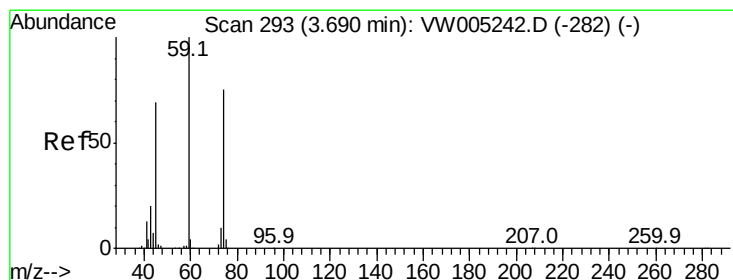
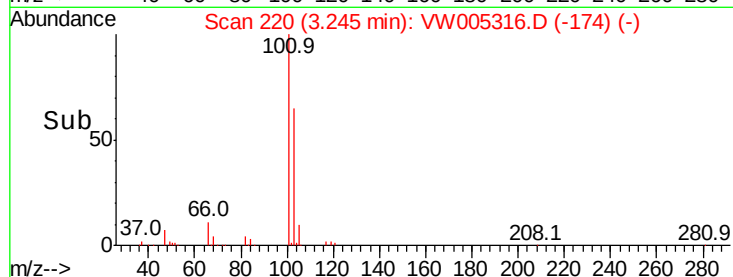
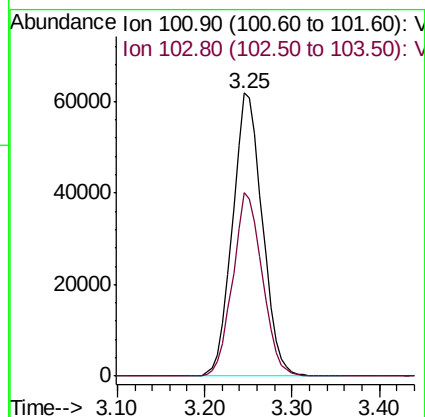
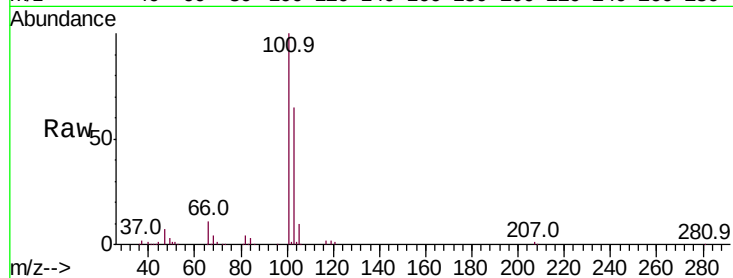


#7

Trichlorofluoromethane
Concen: 22.494 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.02 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :

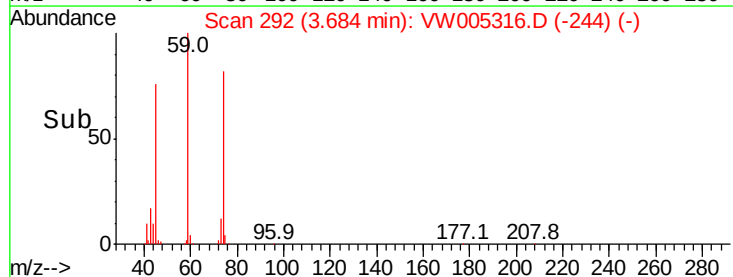
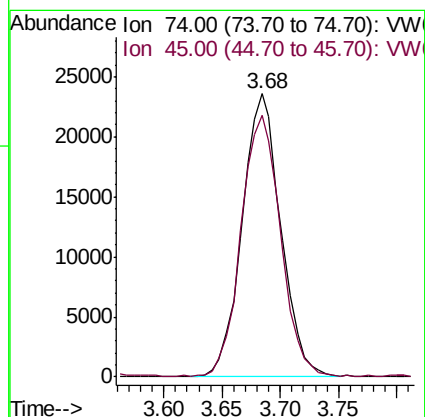
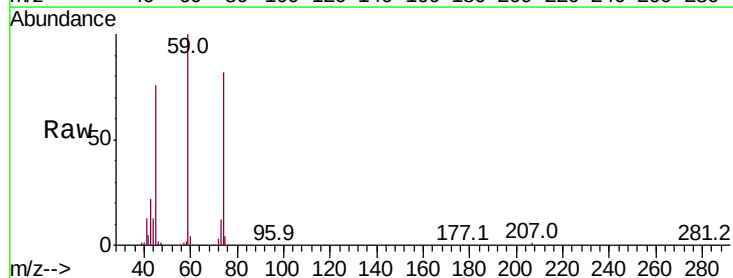
Tot Ion:101 Resp: 146678
Ion Ratio Lower Upper
101 100
103 64.9 54.1 81.1

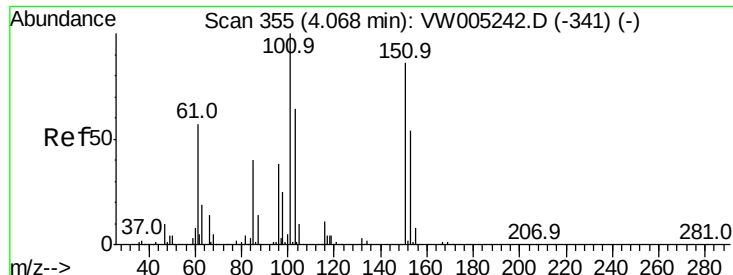


#8

Diethyl Ether
Concen: 23.404 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 74 Resp: 54388
Ion Ratio Lower Upper
74 100
45 95.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.562 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

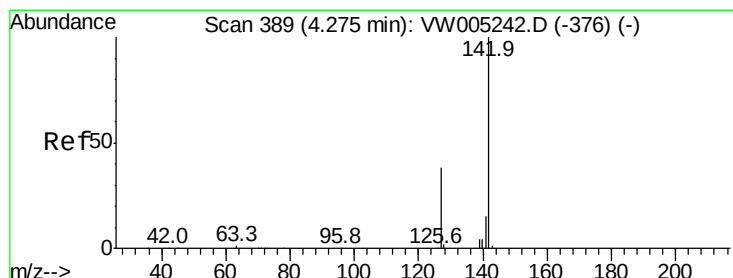
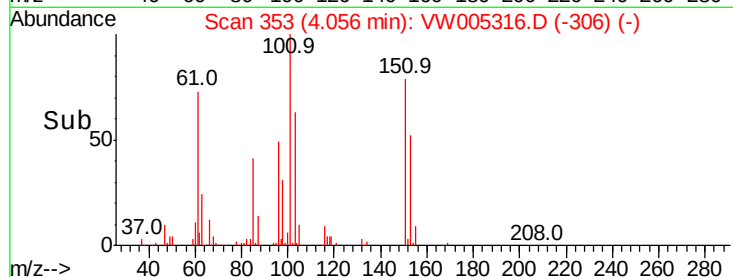
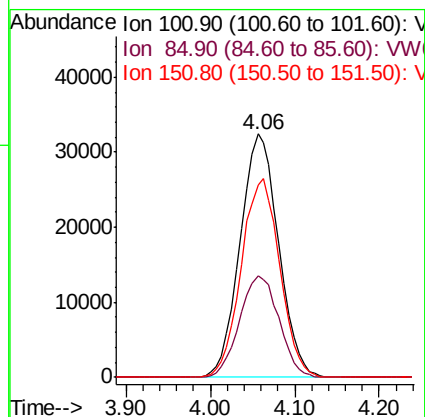
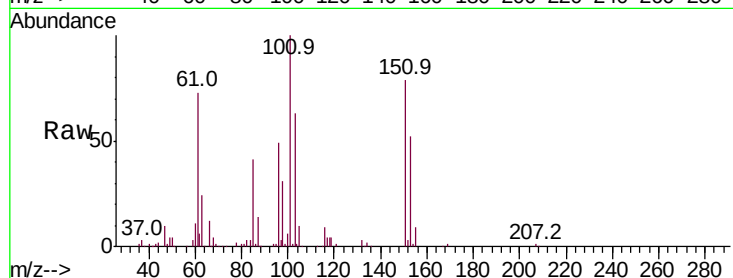
Tot Ion:101 Resp: 100427

Ion Ratio Lower Upper

101 100

85 42.7 32.7 49.1

151 81.8 67.6 101.4



#10

Methyl Iodide

Concen: 12.386 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

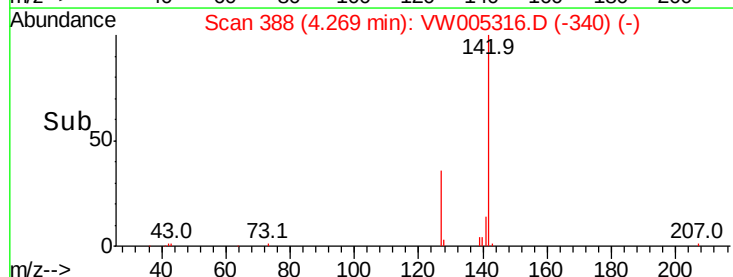
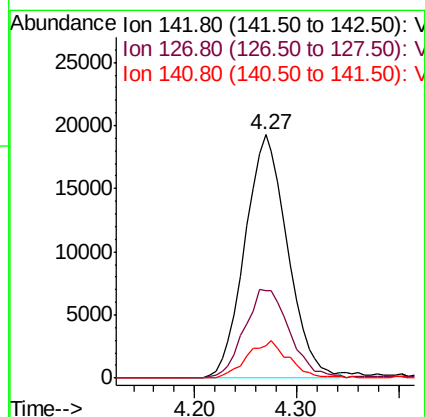
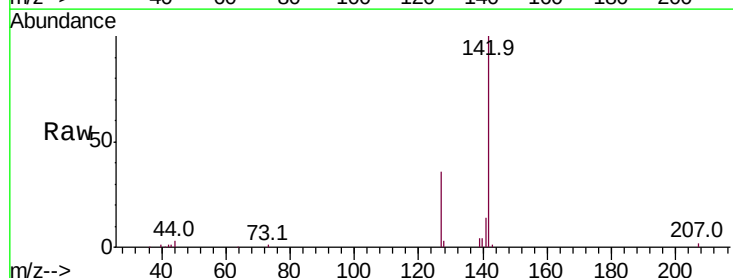
Tgt Ion:142 Resp: 56183

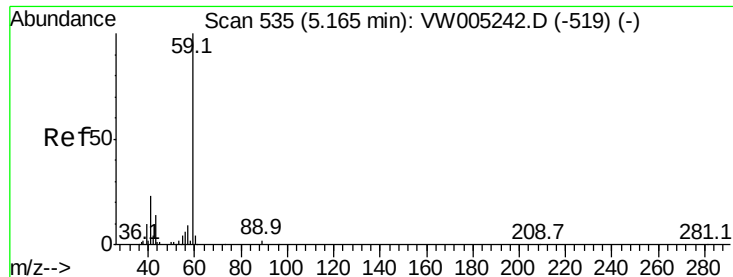
Ion Ratio Lower Upper

142 100

127 38.4 30.3 45.5

141 15.0 11.4 17.0

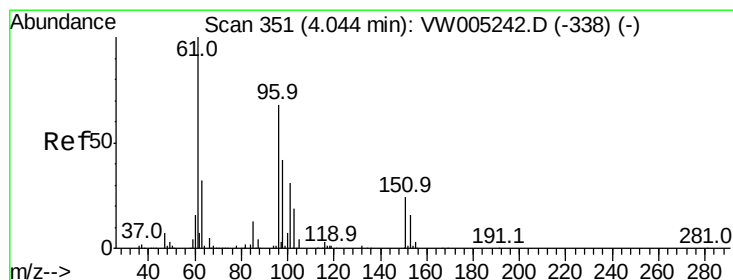
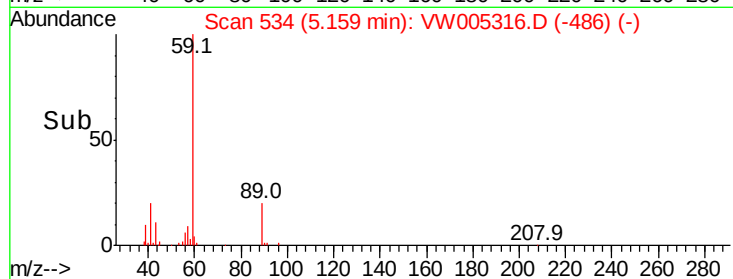
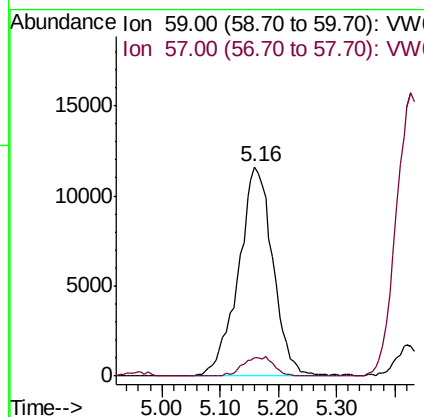
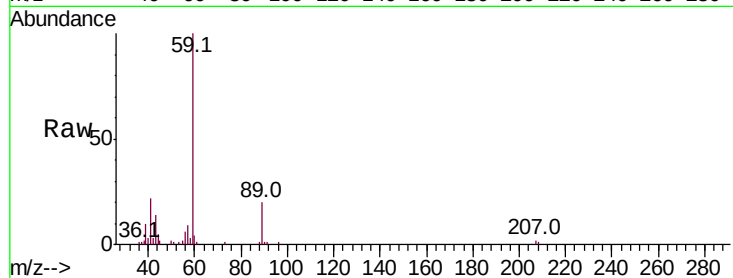




#11
Tert butyl alcohol
Concen: 142.702 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

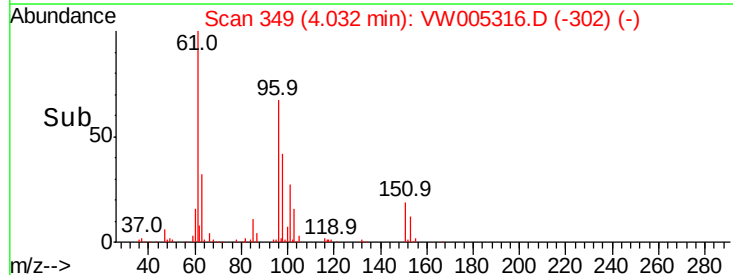
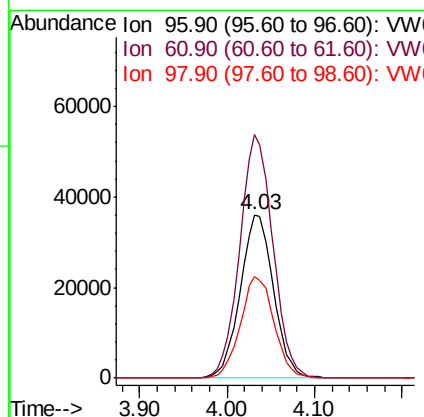
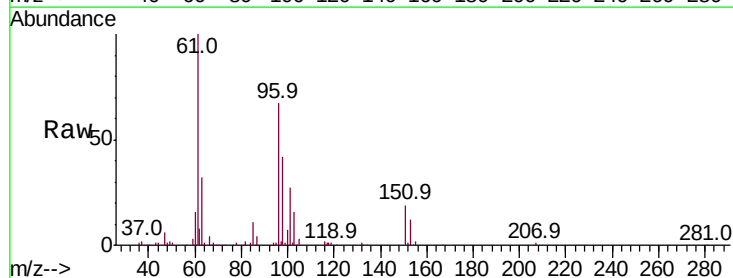
Instrument :
MSVOA_W
ClientSampled :

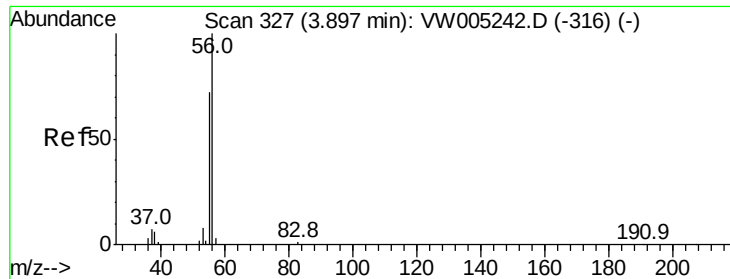
Tot Ion: 59 Resp: 47521
Ion Ratio Lower Upper
59 100
57 8.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 22.199 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 96 Resp: 95203
Ion Ratio Lower Upper
96 100
61 148.9 118.2 177.2
98 62.4 49.9 74.9





#13

Acrolein

Concen: 119.465 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

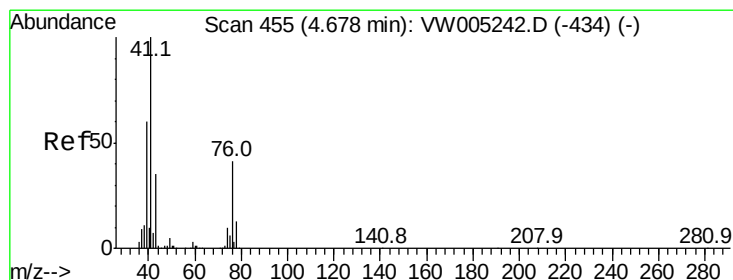
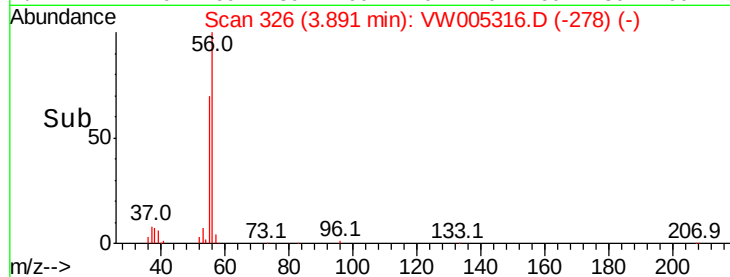
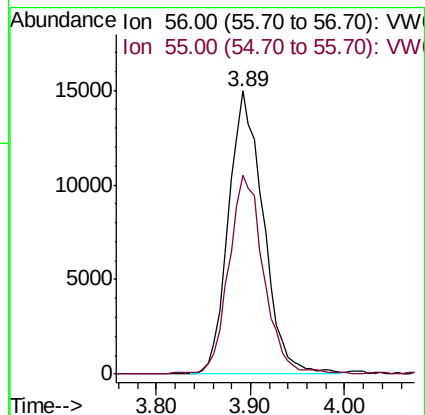
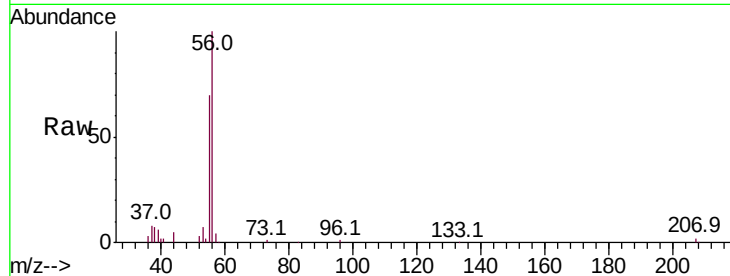
ClientSampleId :

Tot Ion: 56 Resp: 38429

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 22.274 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

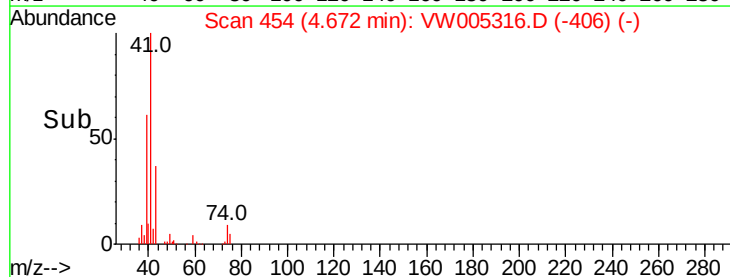
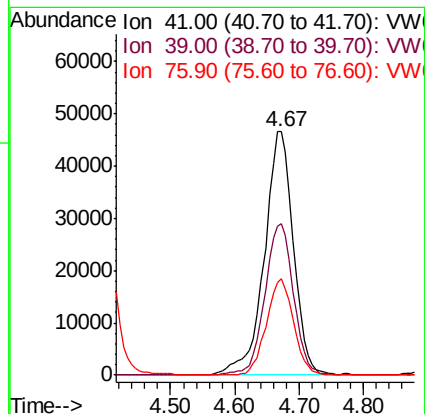
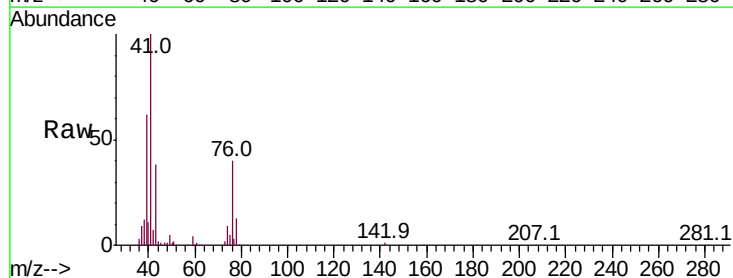
Tgt Ion: 41 Resp: 146777

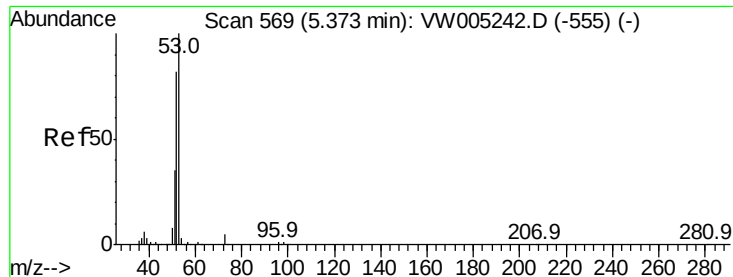
Ion Ratio Lower Upper

41 100

39 60.9 48.2 72.4

76 36.9 31.7 47.5





#15

Acrylonitrile

Concen: 120.703 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

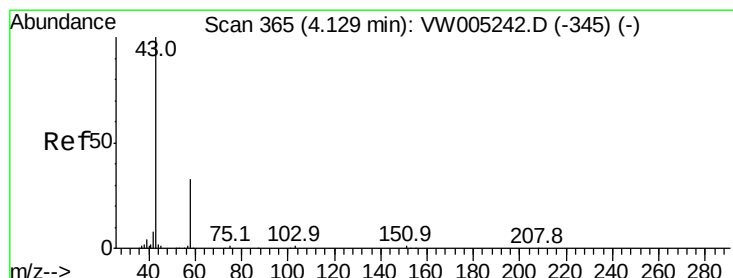
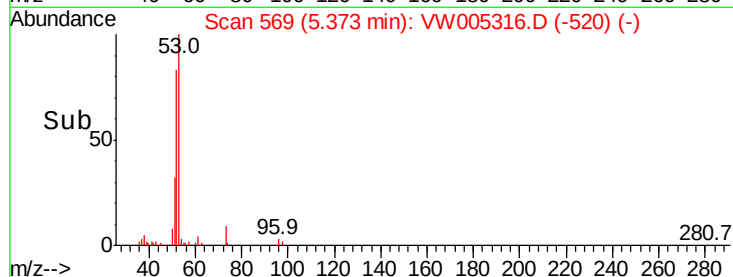
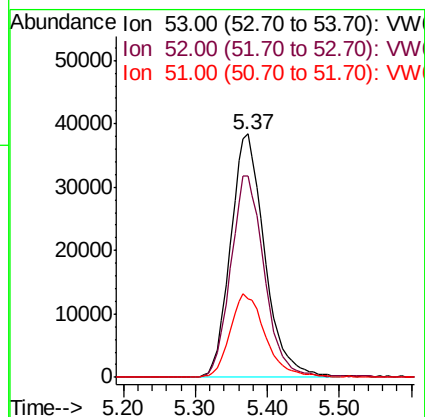
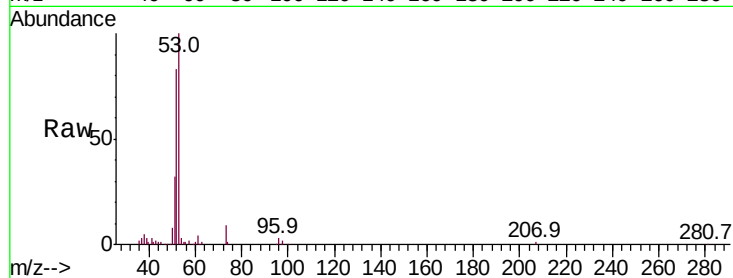
Tot Ion: 53 Resp: 126549

Ion Ratio Lower Upper

53 100

52 81.4 66.0 99.0

51 35.4 28.6 43.0



#16

Acetone

Concen: 128.957 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005316.D

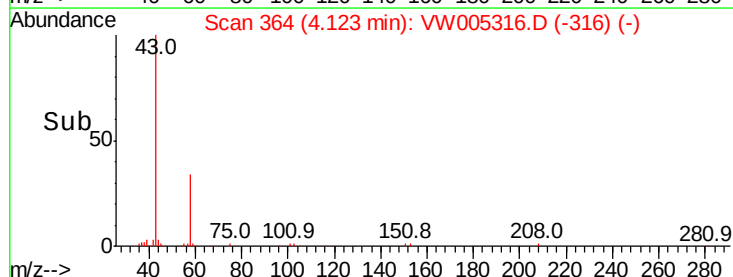
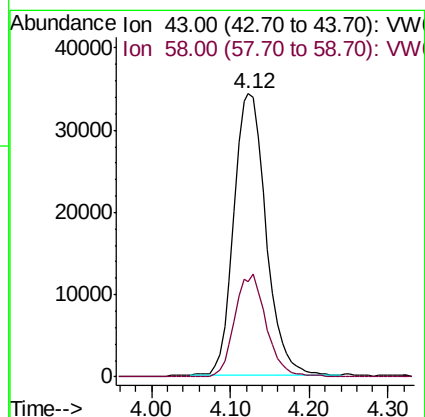
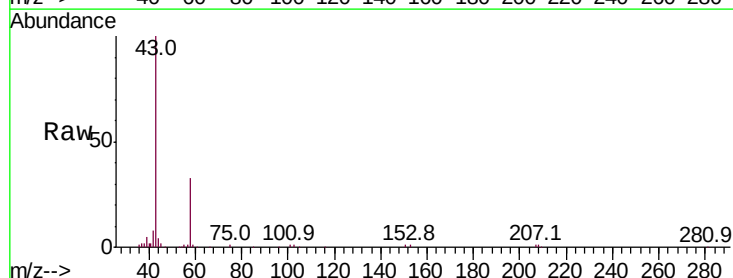
Acq: 12 Sep 2018 10:38

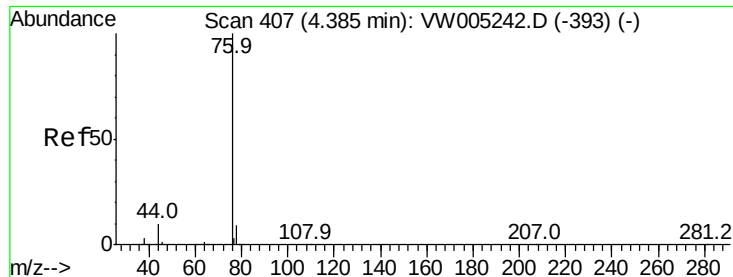
Tgt Ion: 43 Resp: 97199

Ion Ratio Lower Upper

43 100

58 33.7 26.7 40.1





#17

Carbon Disulfide

Concen: 22.321 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

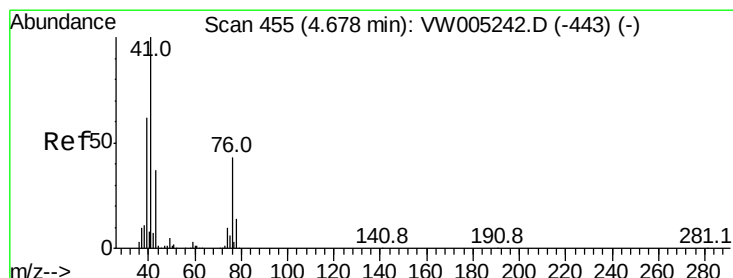
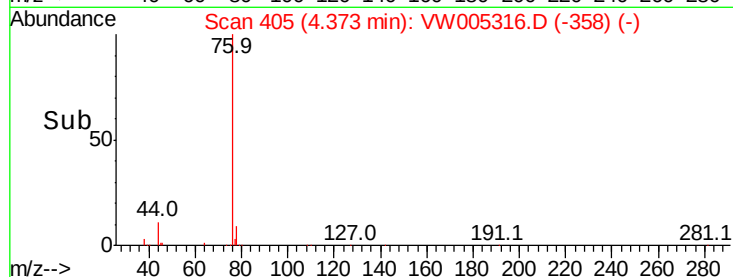
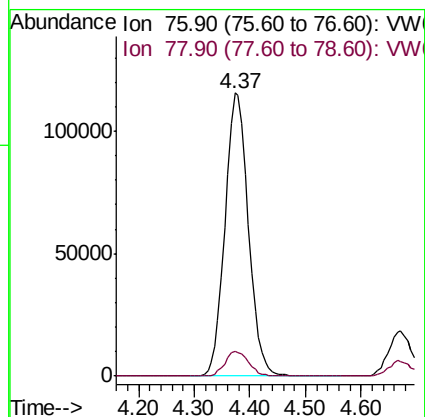
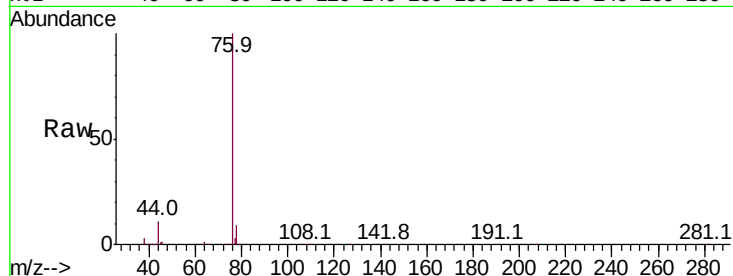
ClientSampled :

Tot Ion: 76 Resp: 335999

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



#18

Methyl Acetate

Concen: 23.909 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005316.D

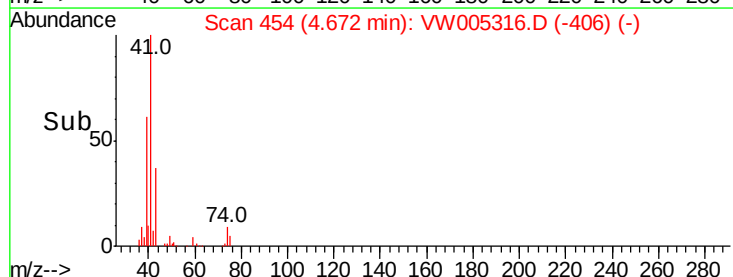
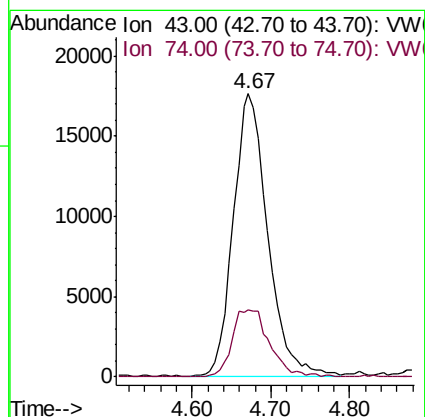
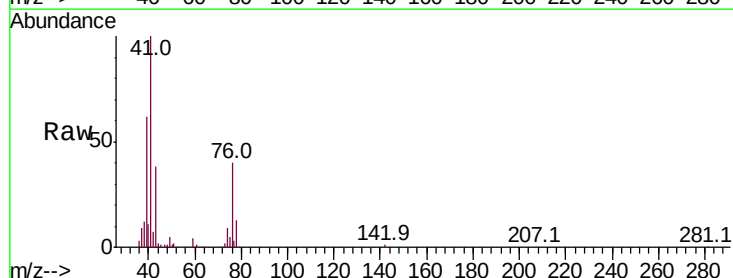
Acq: 12 Sep 2018 10:38

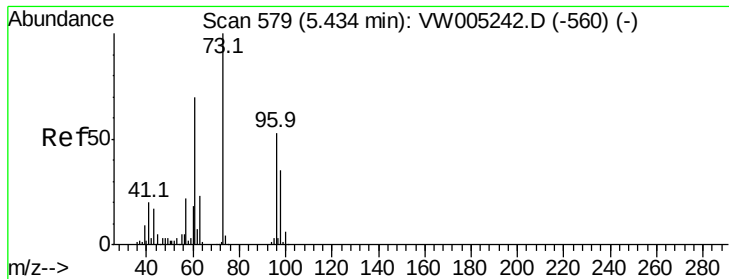
Tgt Ion: 43 Resp: 53794

Ion Ratio Lower Upper

43 100

74 25.6 21.4 32.2

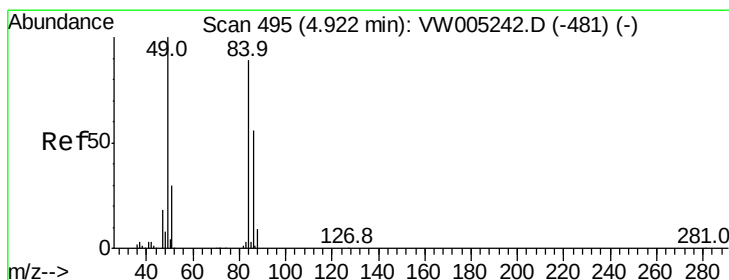
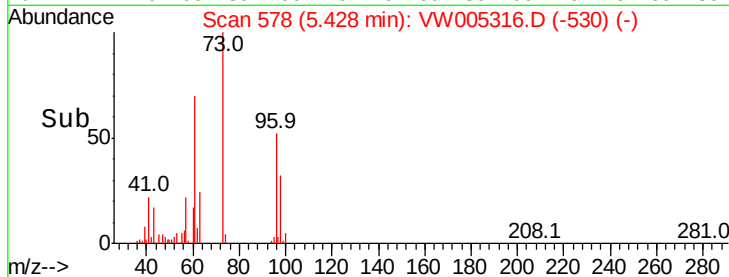
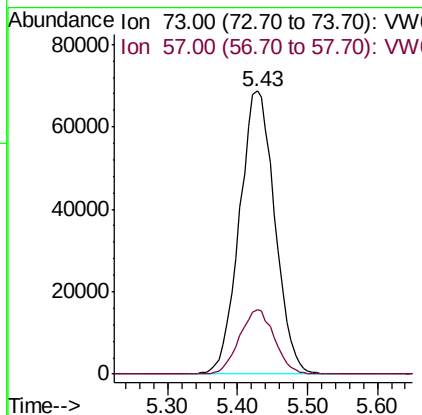
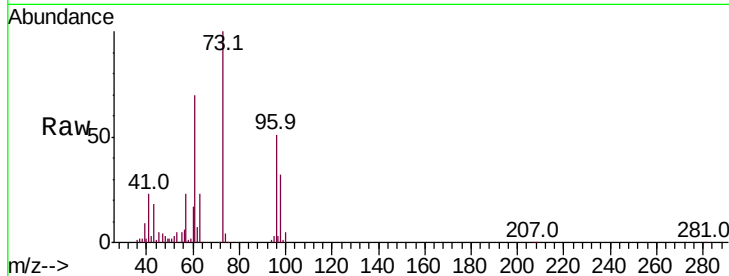




#19
Methyl tert-butyl Ether
Concen: 23.563 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

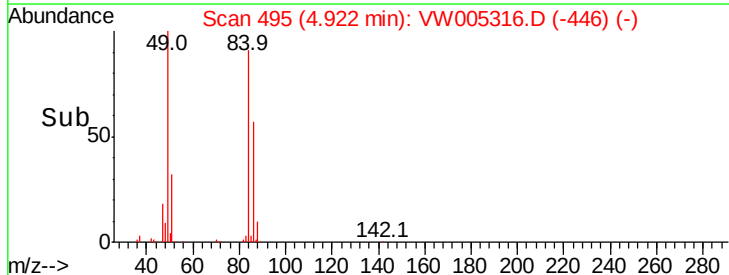
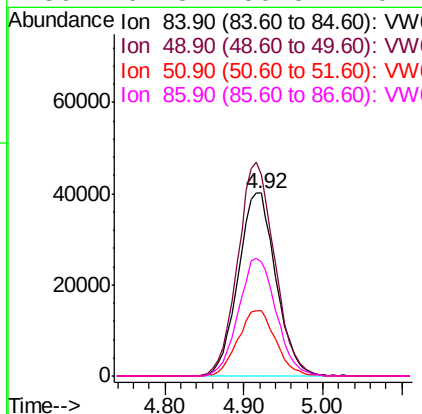
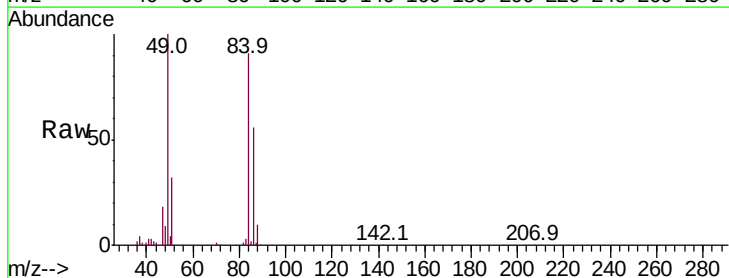
Instrument :
MSVOA_W
ClientSampleId :

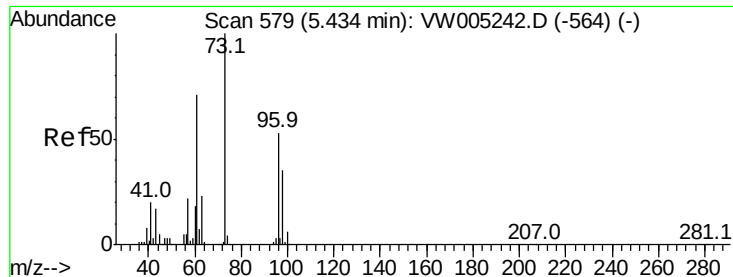
Tot Ion: 73 Resp: 240687
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 22.020 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 84 Resp: 133670
Ion Ratio Lower Upper
84 100
49 110.2 90.3 135.5
51 35.5 26.9 40.3
86 62.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.888 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

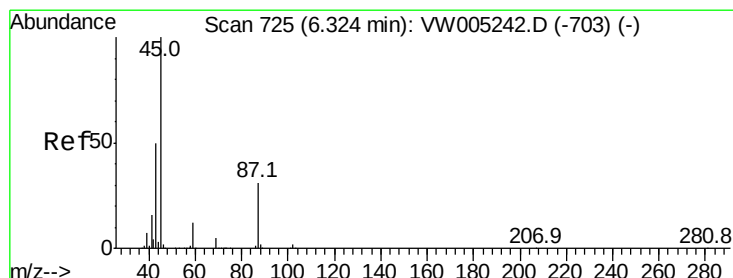
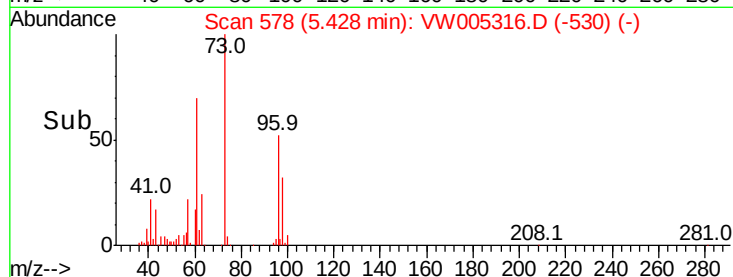
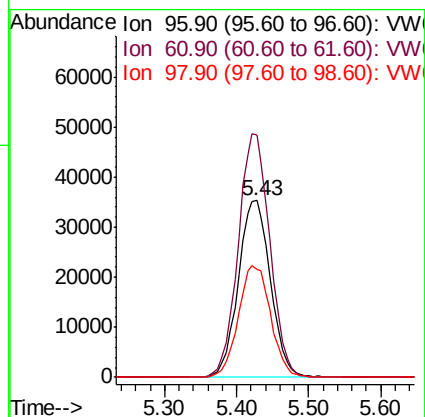
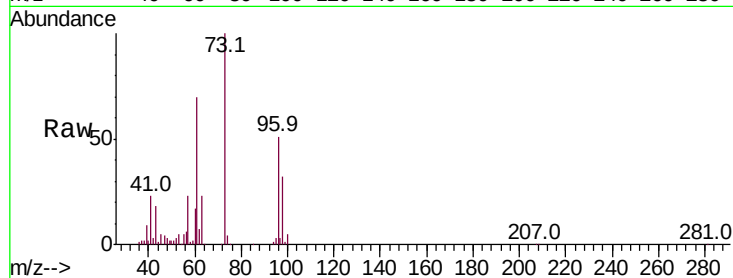
Tot Ion: 96 Resp: 109596

Ion Ratio Lower Upper

96 100

61 137.0 105.7 158.5

98 61.3 52.8 79.2



#22

Diisopropyl ether

Concen: 24.254 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion: 45 Resp: 321752

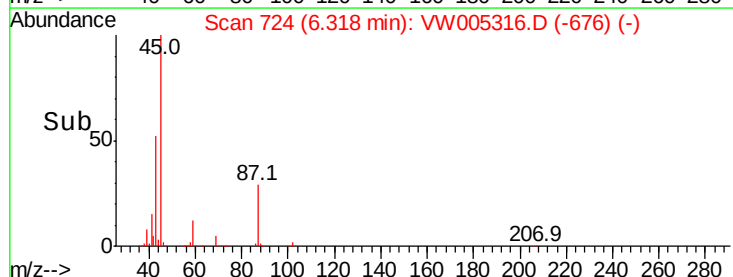
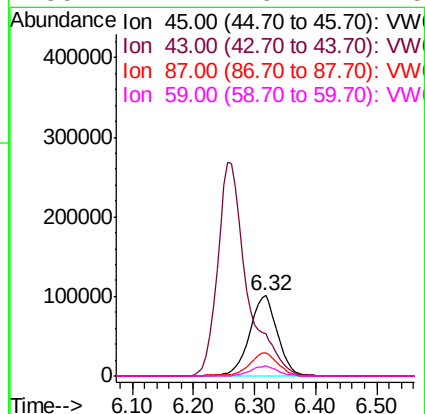
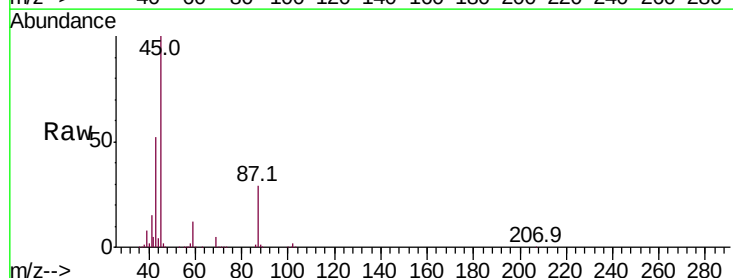
Ion Ratio Lower Upper

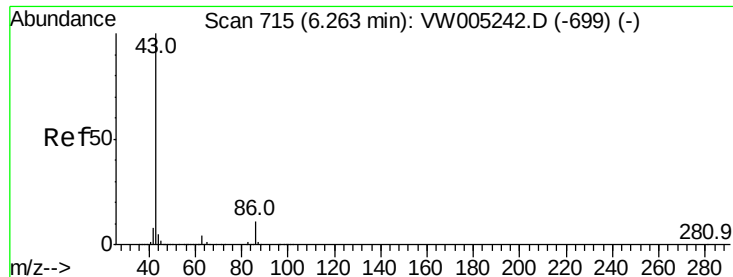
45 100

43 51.7 39.6 59.4

87 29.0 24.7 37.1

59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 121.364 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

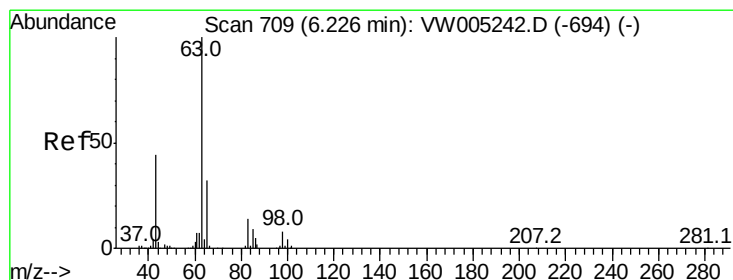
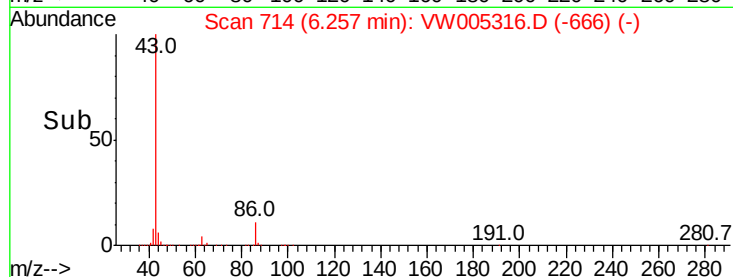
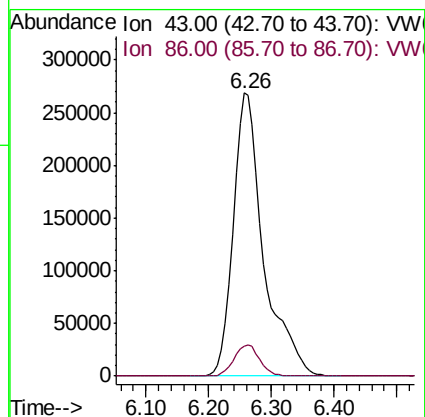
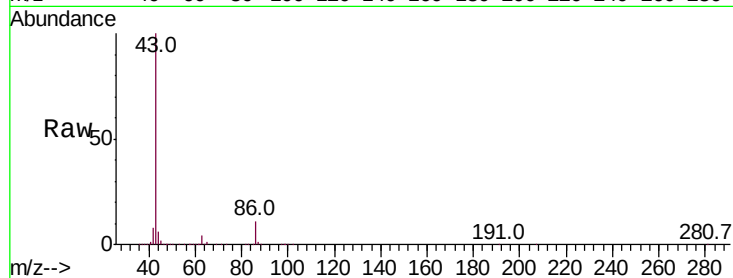
ClientSampled :

Tot Ion: 43 Resp: 897257

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 22.517 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

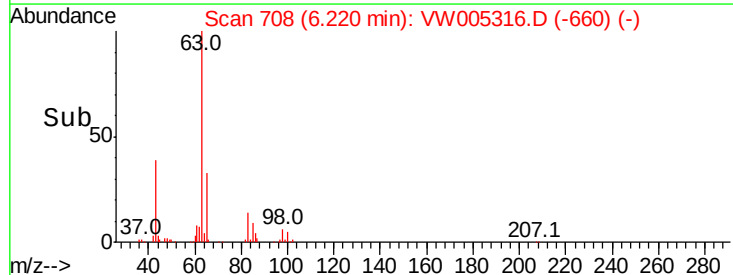
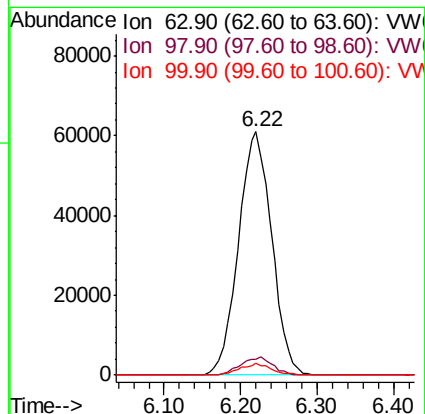
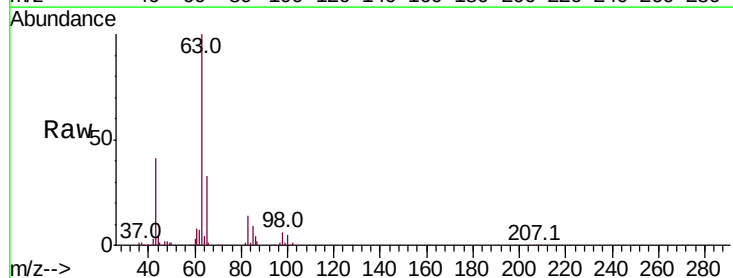
Tgt Ion: 63 Resp: 183875

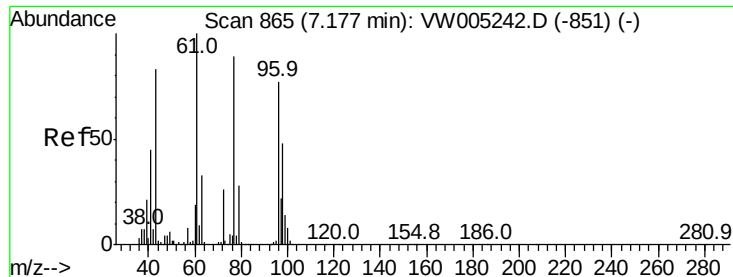
Ion Ratio Lower Upper

63 100

98 6.2 3.8 11.4

100 4.7 2.2 6.6

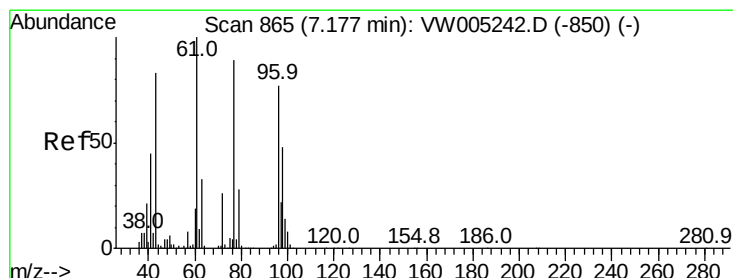
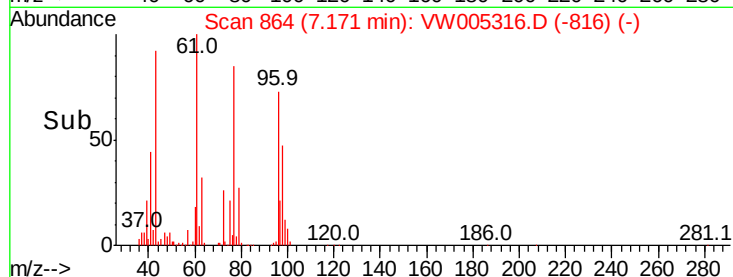
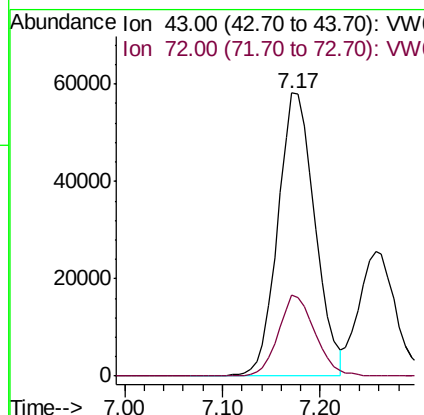
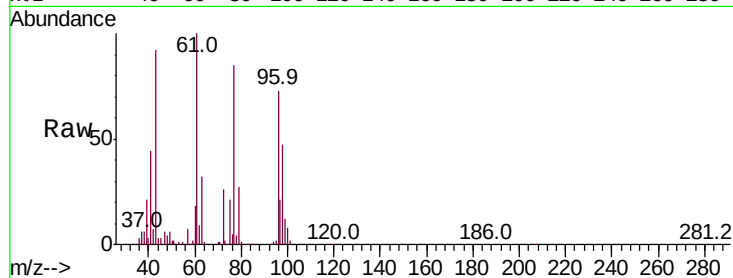




#25
 2-Butanone
 Concen: 129.592 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

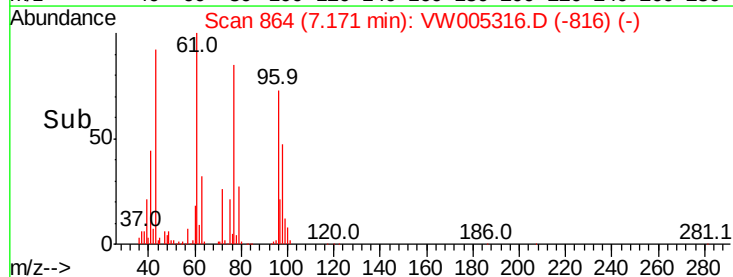
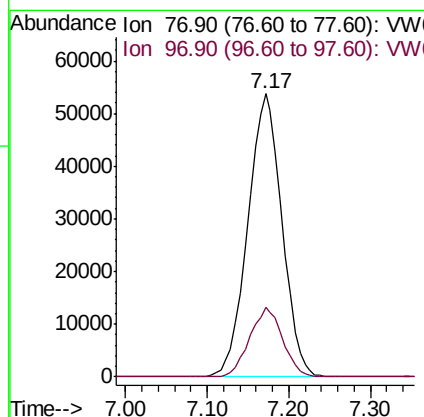
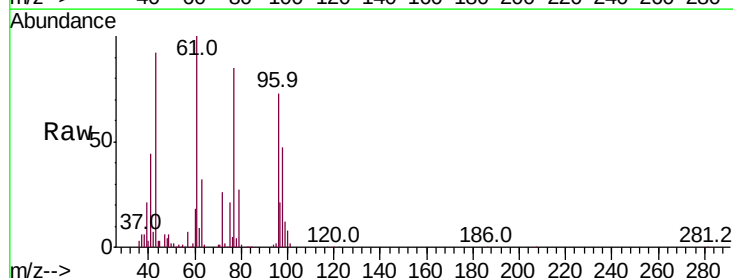
Instrument :
 MSVOA_W
 ClientSampled :

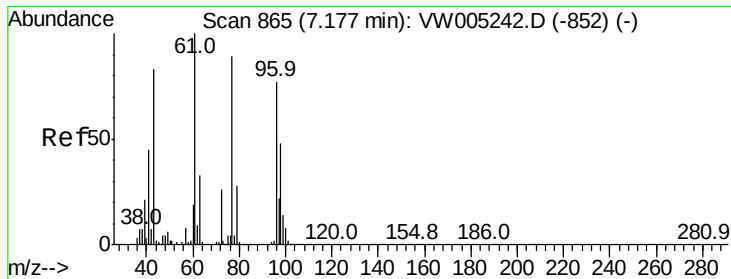
Tot Ion: 43 Resp: 154072
 Ion Ratio Lower Upper
 43 100
 72 28.5 25.0 37.6



#26
 2,2-Dichloropropane
 Concen: 22.022 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion: 77 Resp: 155923
 Ion Ratio Lower Upper
 77 100
 97 23.6 12.2 36.6



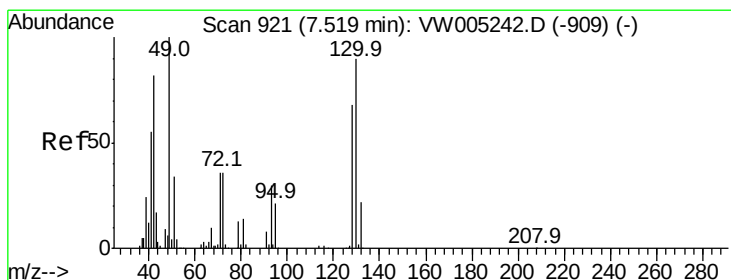
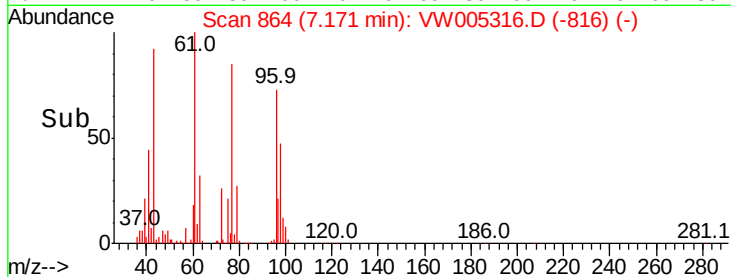
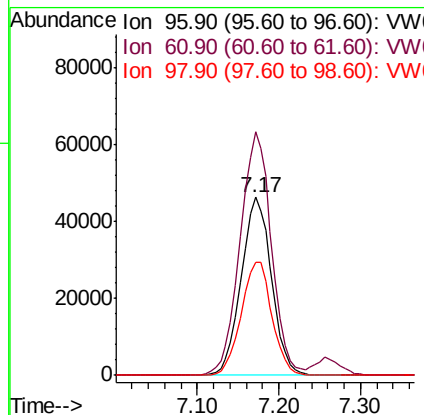
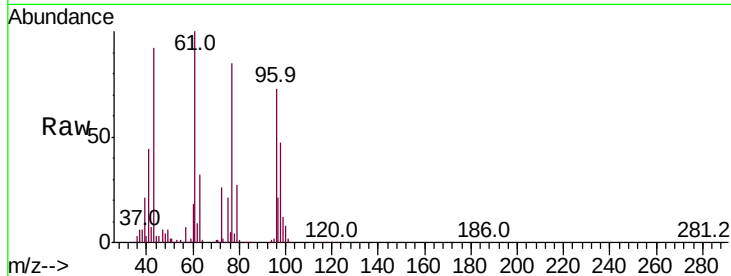


#27

cis-1,2-Dichloroethene
Concen: 22.287 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :

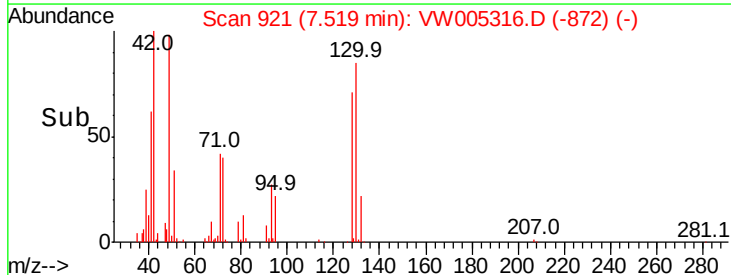
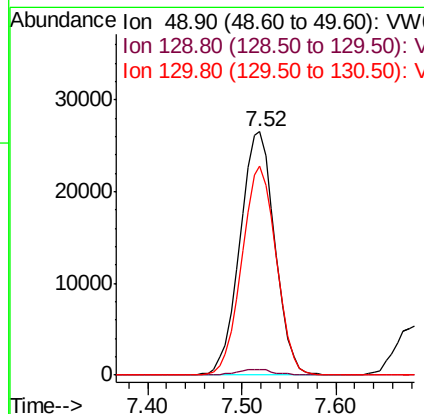
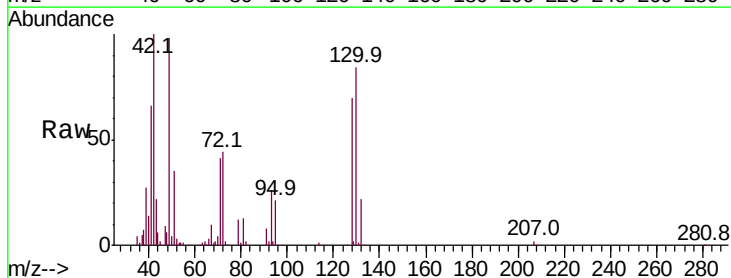
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	273.4
98	64.5	0.0	127.8

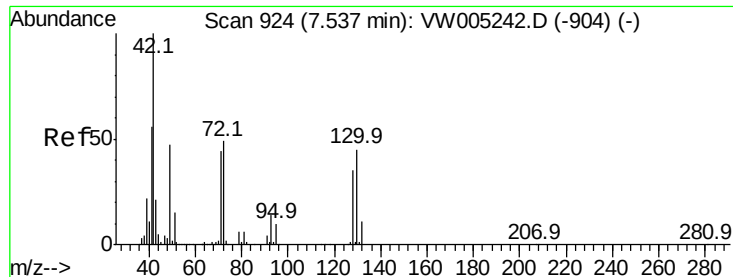


#28

Bromochloromethane
Concen: 22.795 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	84.8	71.2	106.8

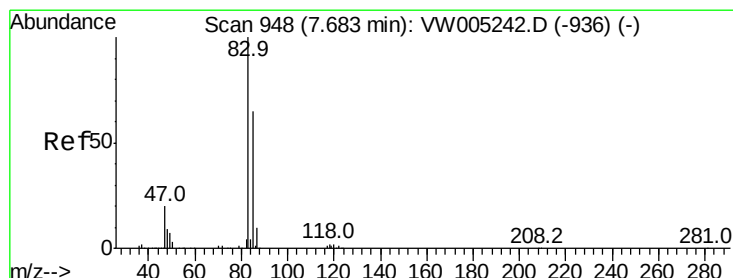
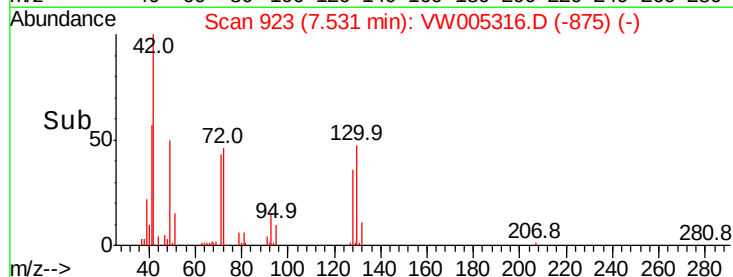
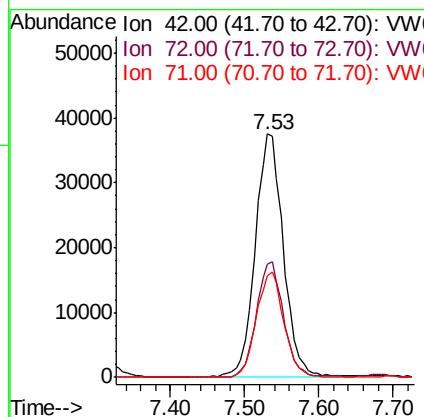
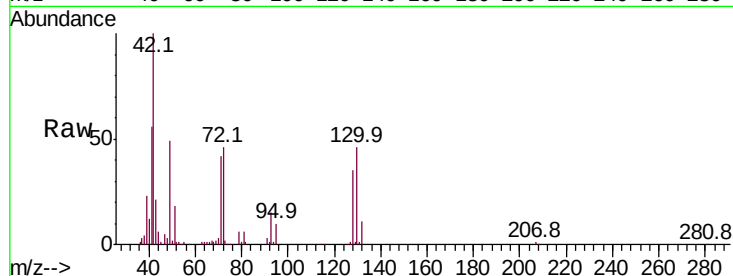




#29
Tetrahydrofuran
Concen: 124.248 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

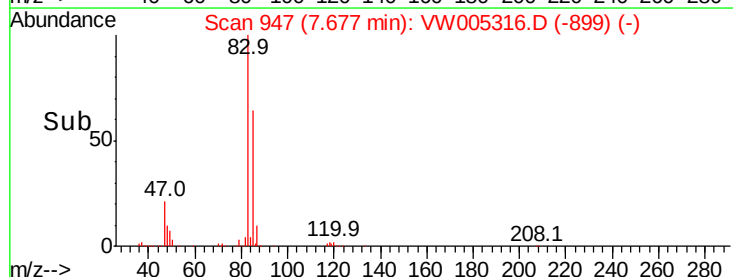
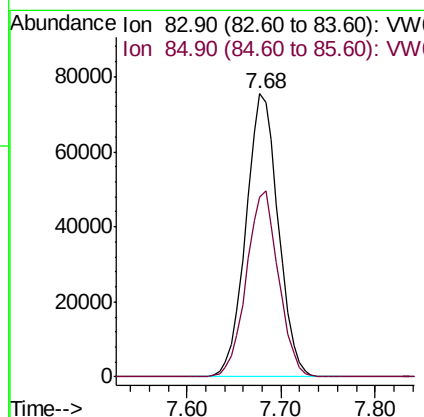
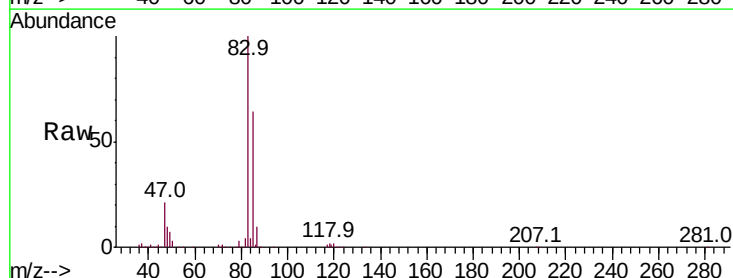
Instrument :
MSVOA_W
ClientSampled :

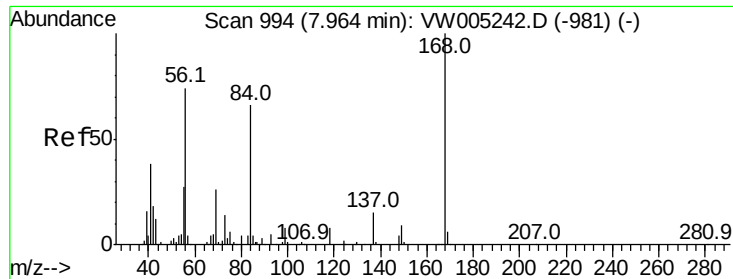
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.5	56.3
71	42.3	34.8	52.2



#30
Chloroform
Concen: 22.187 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5

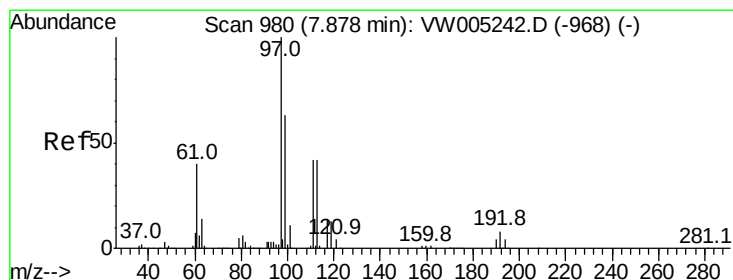
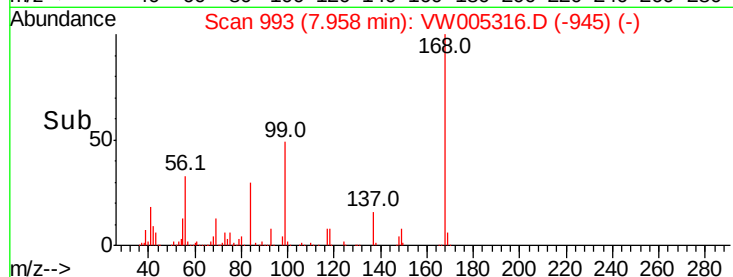
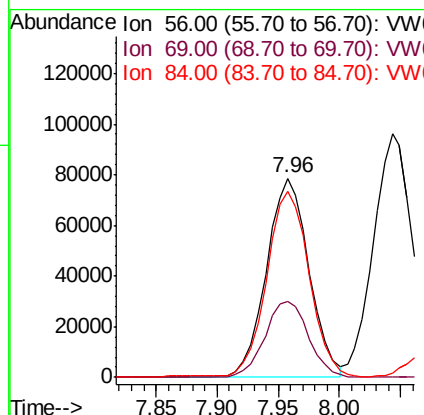
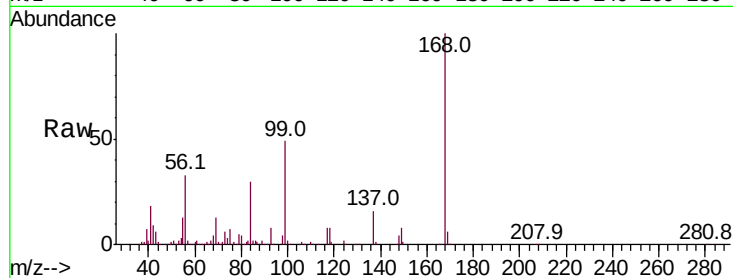




#31
Cyclohexane
Concen: 21.916 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

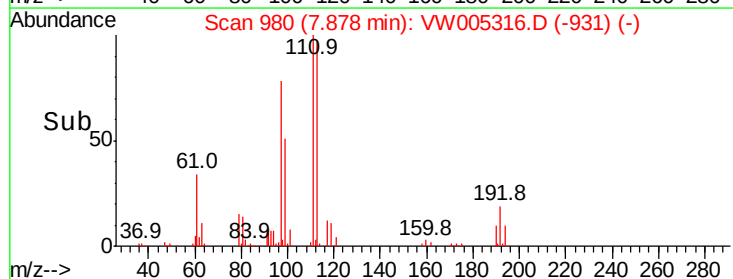
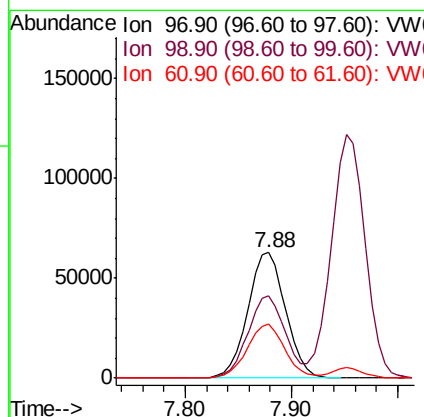
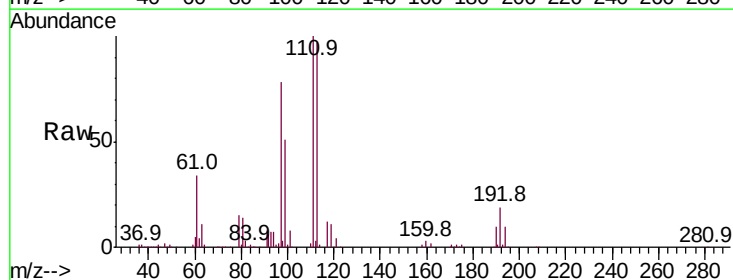
Instrument :
MSVOA_W
ClientSampleId :

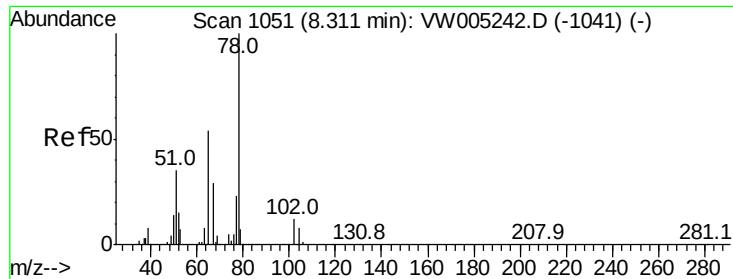
Tot Ion: 56 Resp: 190429
Ion Ratio Lower Upper
56 100
69 38.3 27.8 41.8
84 92.2 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 21.186 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 97 Resp: 156853
Ion Ratio Lower Upper
97 100
99 66.0 51.5 77.3
61 42.4 32.5 48.7

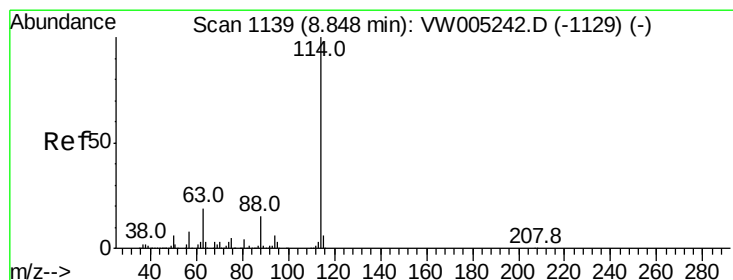
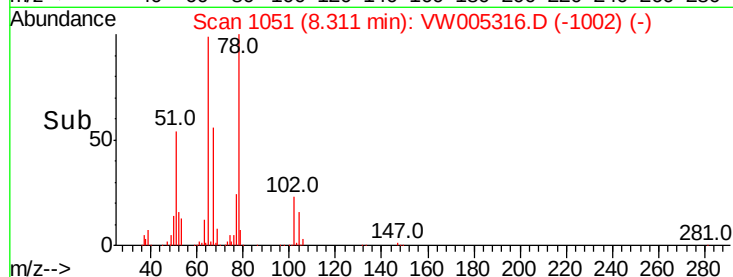
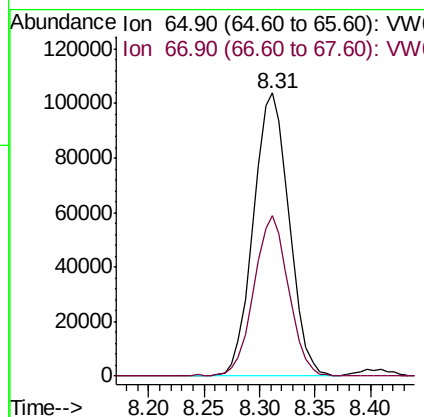
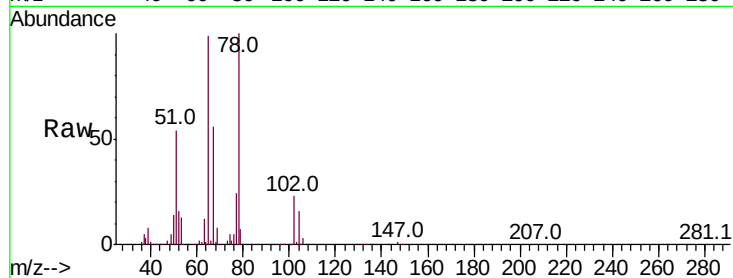




#33
 1,2-Dichloroethane-d4
 Concen: 57.034 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

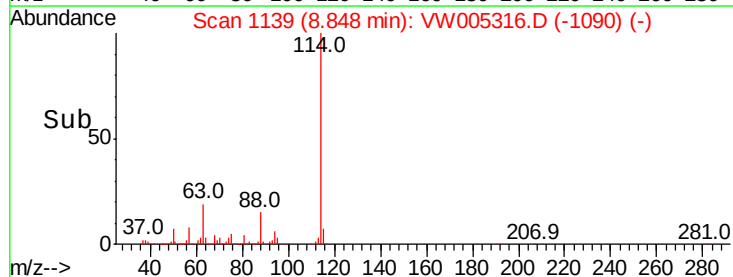
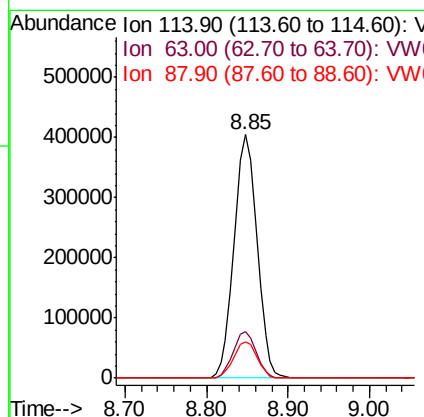
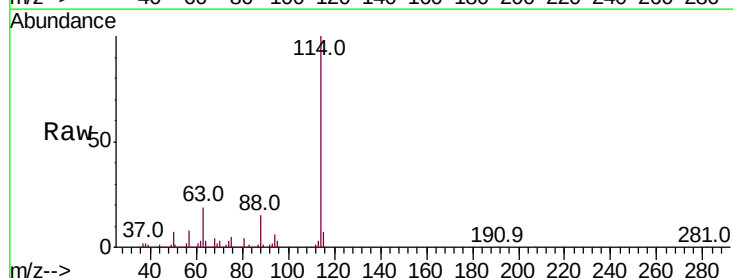
Instrument :
 MSVOA_W
 ClientSampled :

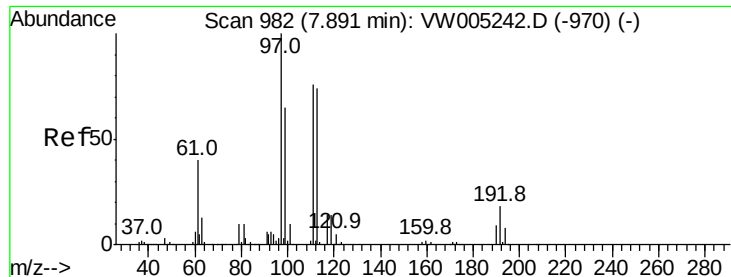
Tot Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.0
88	15.0	0.0	30.4

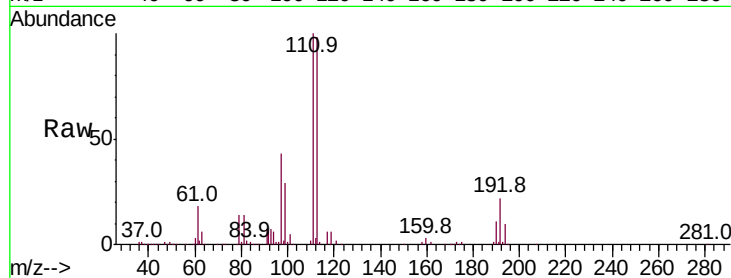




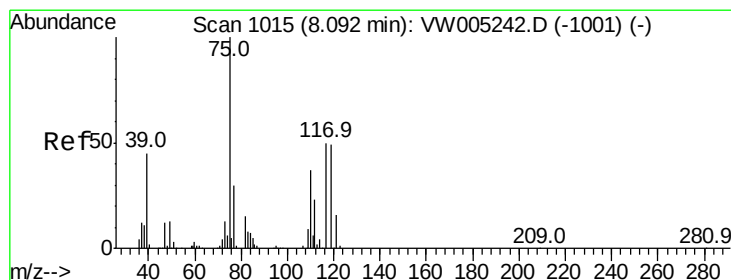
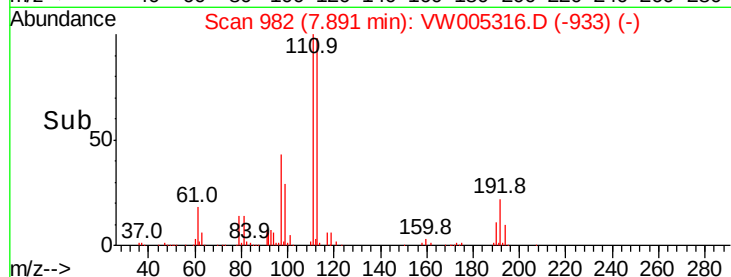
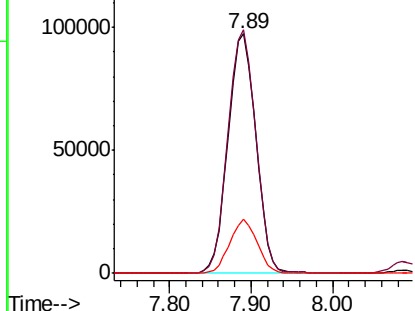
#35
 Dibromofluoromethane
 Concen: 55.943 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 230330
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.6 121.0
 192 21.9 18.3 27.5

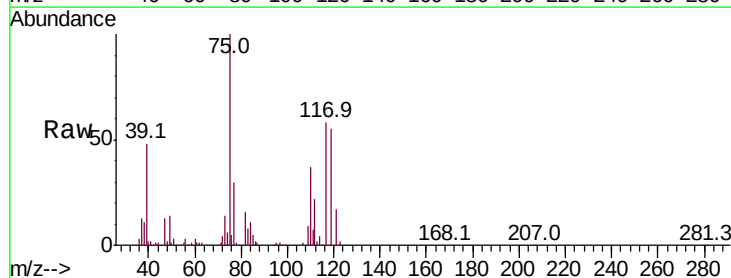


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

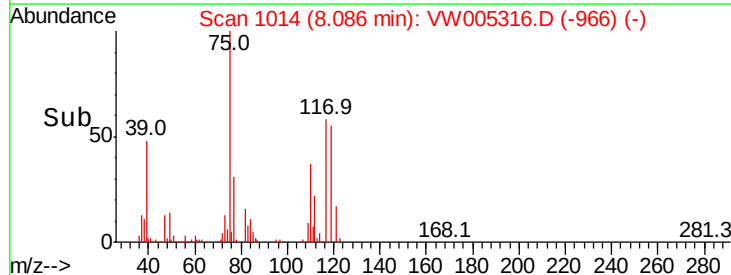
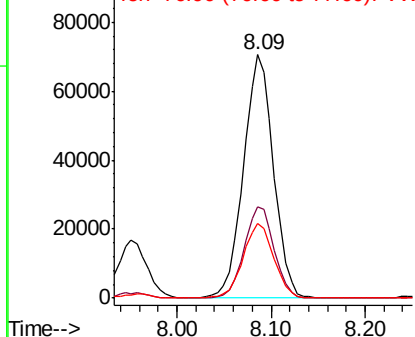


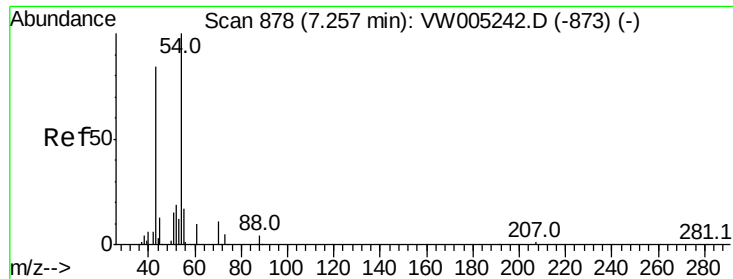
#36
 1,1-Dichloropropene
 Concen: 21.743 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion: 75 Resp: 156566
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.8 56.4
 77 31.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

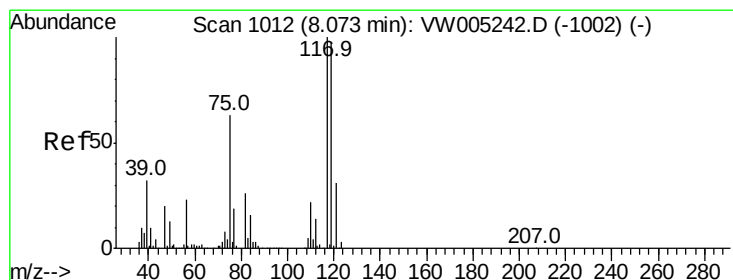
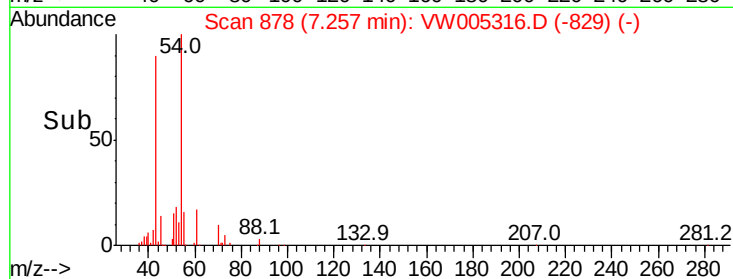
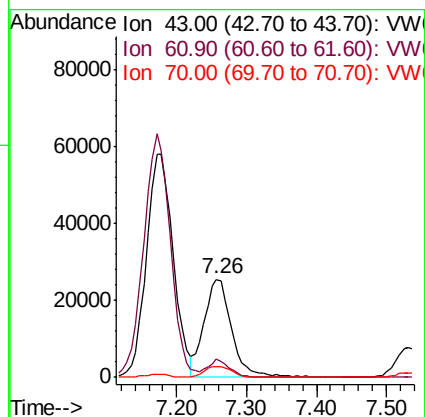
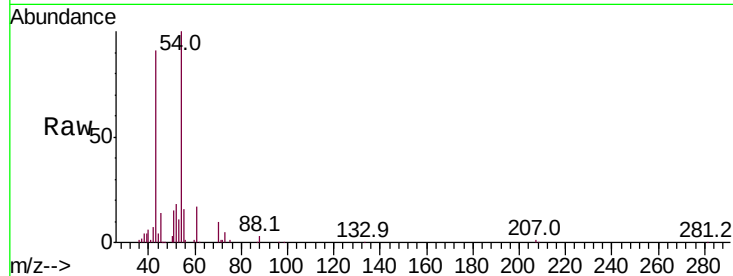




#37
Ethyl Acetate
Concen: 25.173 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

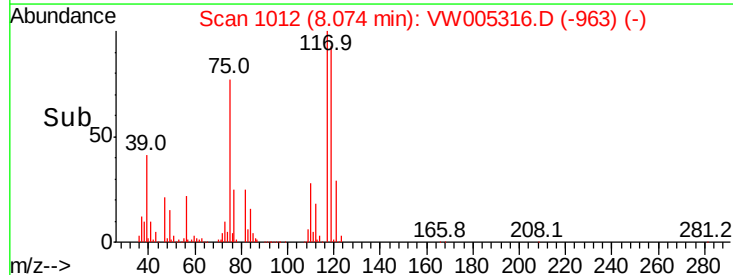
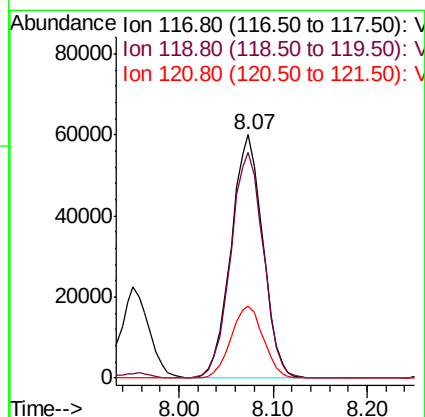
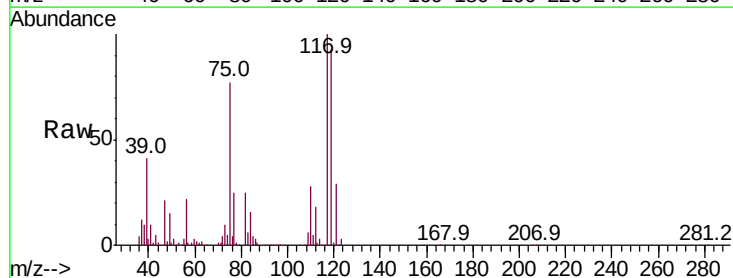
Instrument :
MSVOA_W
ClientSampleId :

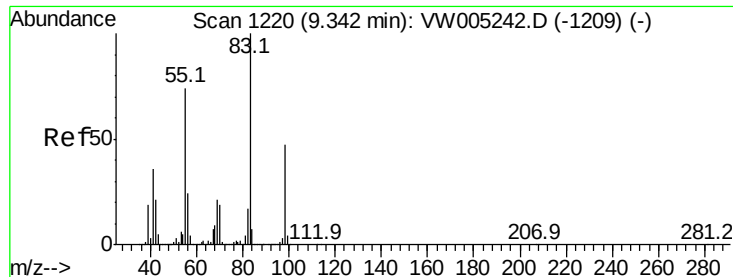
Tot Ion: 43 Resp: 68948
Ion Ratio Lower Upper
43 100
61 14.3 12.3 18.5
70 11.3 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.878 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 117 Resp: 140830
Ion Ratio Lower Upper
117 100
119 92.7 77.5 116.3
121 29.4 24.7 37.1

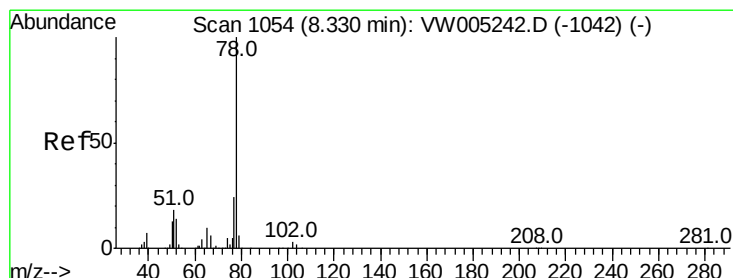
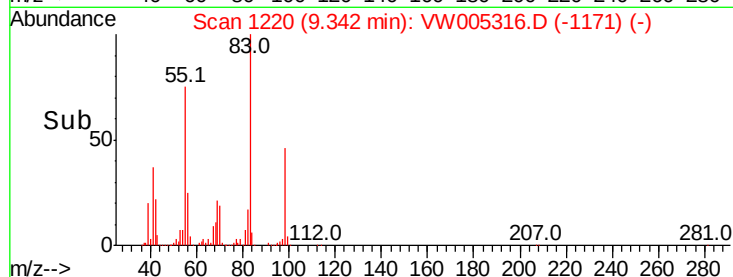
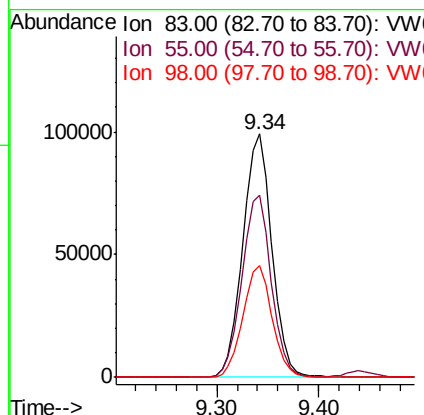
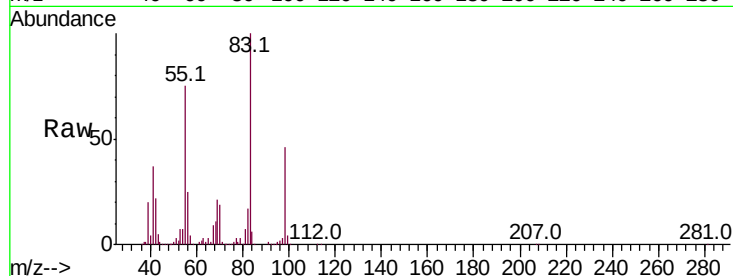




#39
Methylvlcyclohexane
Concen: 20.558 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

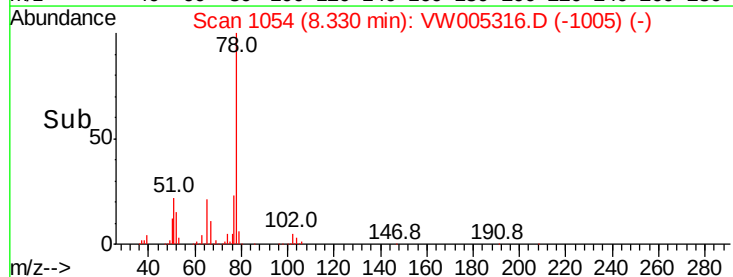
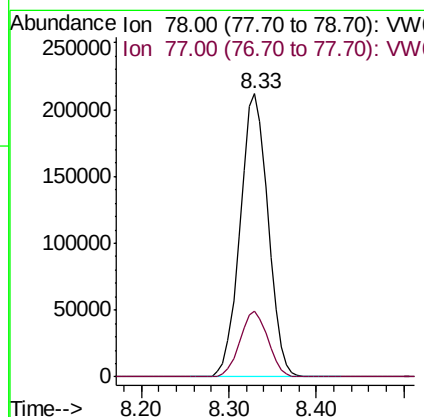
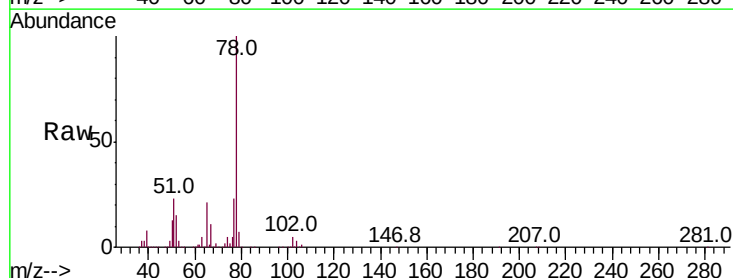
Instrument :
MSVOA_W
ClientSampled :

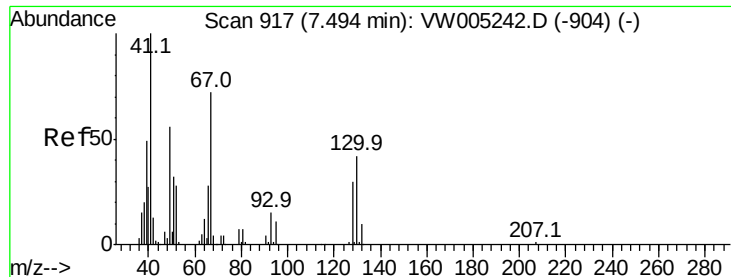
Tot Ion	83	Resp	196553
Ion Ratio	Lower	Upper	
83	100		
55	74.6	58.9	88.3
98	46.0	37.6	56.4



#40
Benzene
Concen: 22.124 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	78	Resp	469350
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.9	28.3

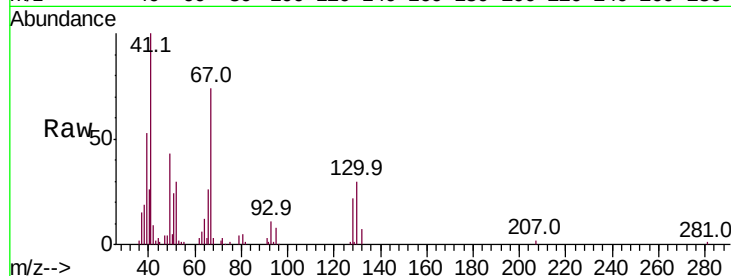




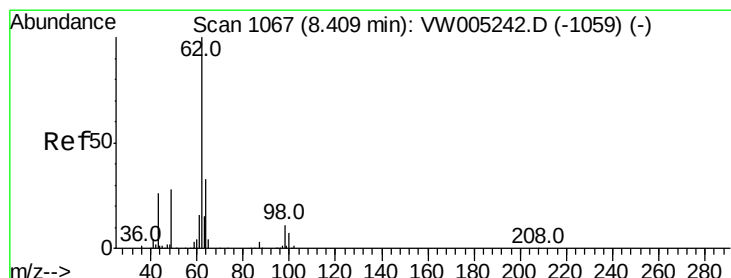
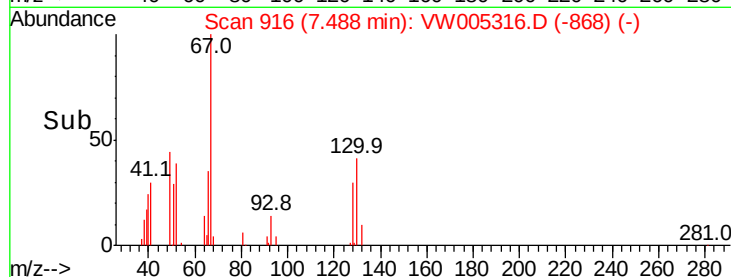
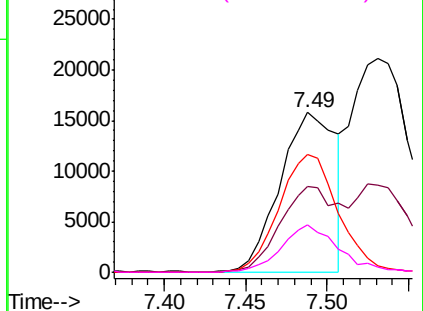
#41
Methacrylonitrile
Concen: 26.783 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	37635
Ion	Ratio	Lower	Upper
41	100		
39	58.3	39.9	59.9
67	78.0	65.7	98.5
52	30.6	25.1	37.7

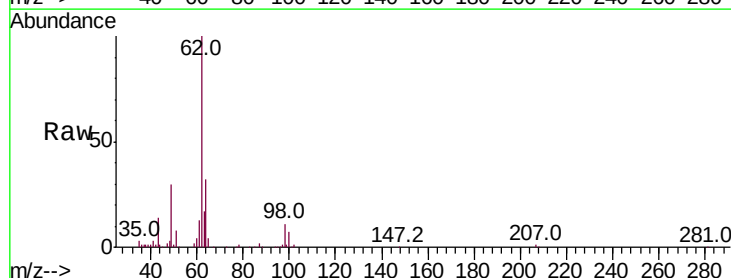


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

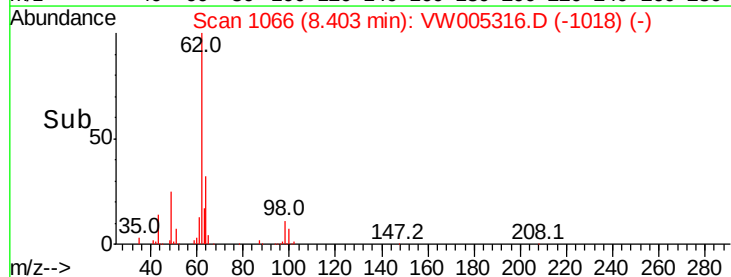
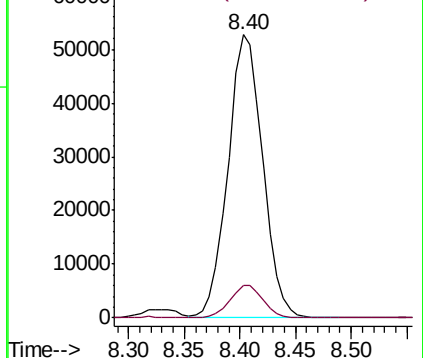


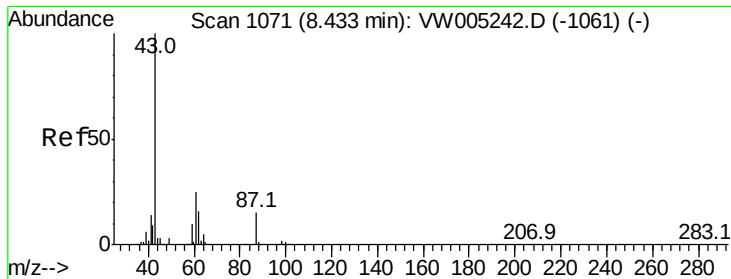
#42
1,2-Dichloroethane
Concen: 22.407 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion:	62	Resp:	113721
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 24.105 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

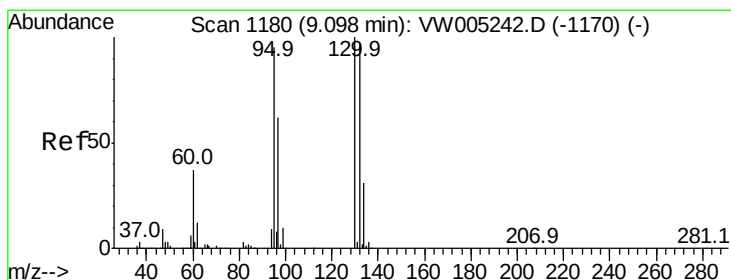
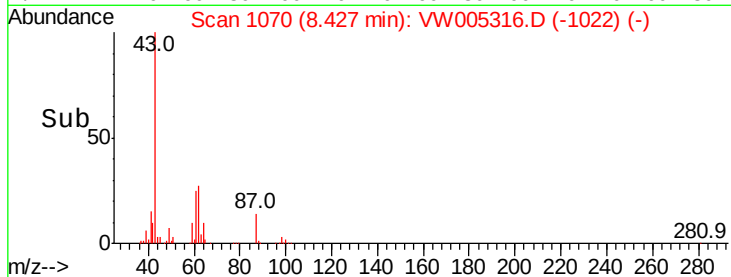
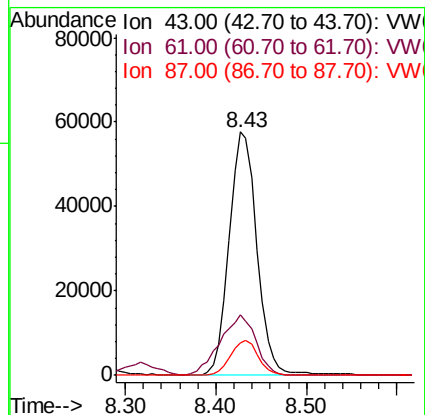
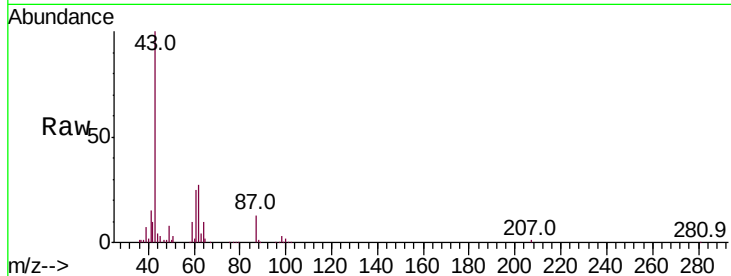
Tot Ion: 43 Resp: 122602

Ion Ratio Lower Upper

43 100

61 31.7 25.4 38.0

87 14.5 11.9 17.9



#44

Trichloroethene

Concen: 21.575 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005316.D

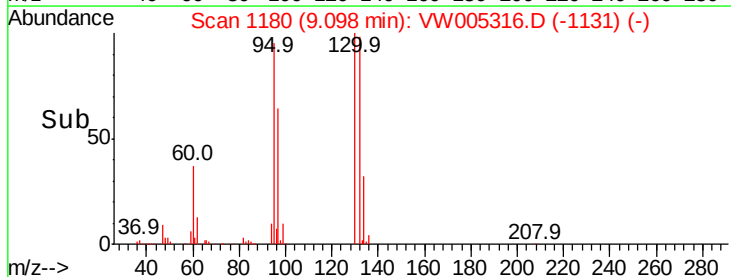
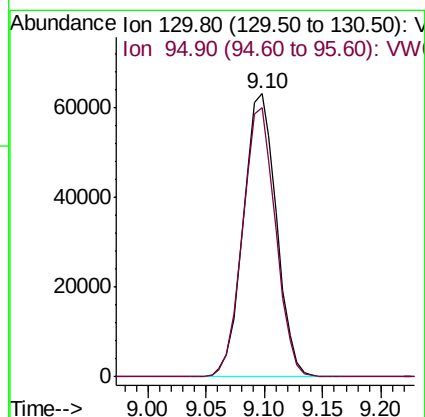
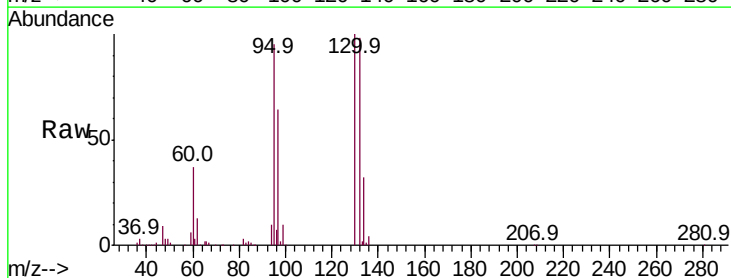
Acq: 12 Sep 2018 10:38

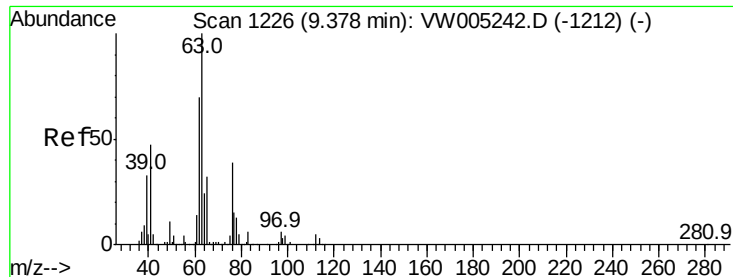
Tgt Ion:130 Resp: 125565

Ion Ratio Lower Upper

130 100

95 95.1 0.0 189.6





#45

1,2-Dichloropropane

Concen: 22.742 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

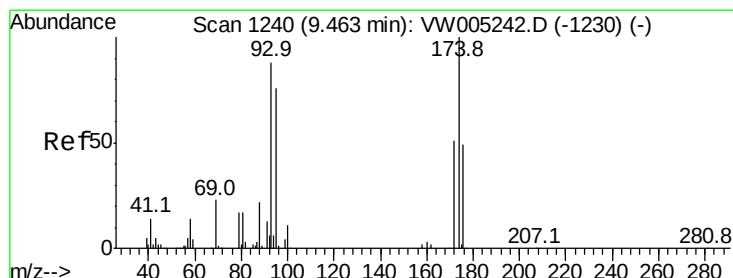
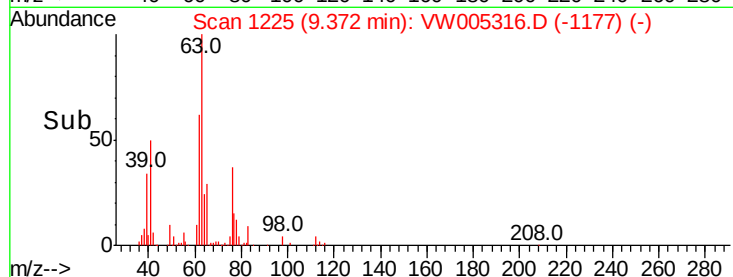
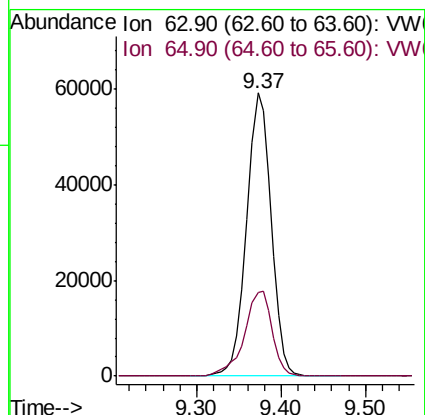
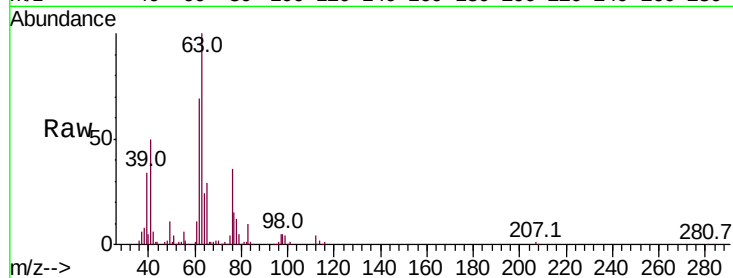
ClientSampleId :

Tot Ion: 63 Resp: 115967

Ion Ratio Lower Upper

63 100

65 29.4 25.4 38.2



#46

Dibromomethane

Concen: 21.746 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

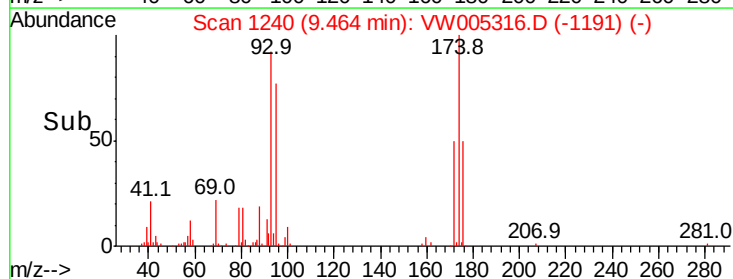
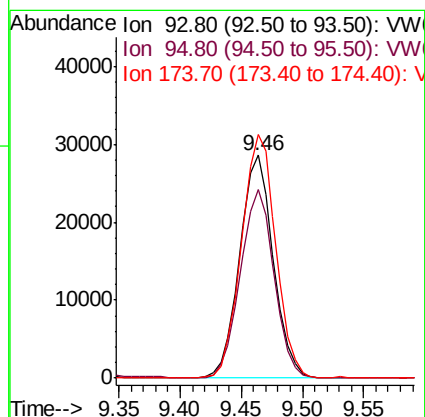
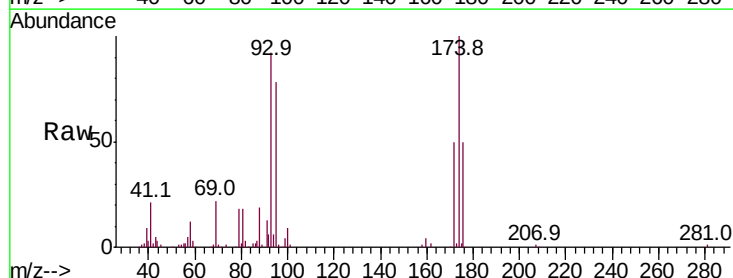
Tgt Ion: 93 Resp: 54277

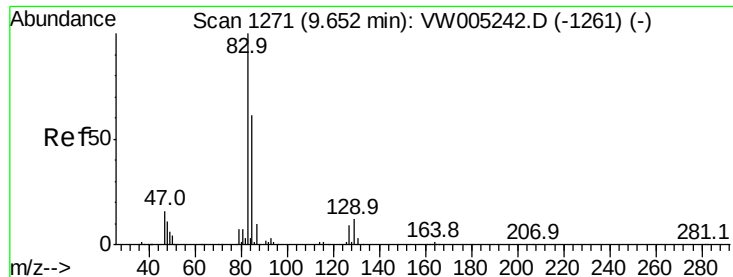
Ion Ratio Lower Upper

93 100

95 85.6 67.0 100.4

174 111.5 92.2 138.2





#47

Bromodichloromethane

Concen: 21.647 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

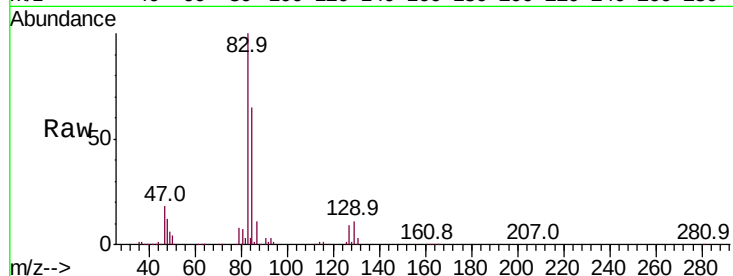
Tot Ion: 83 Resp: 132174

Ion Ratio Lower Upper

83 100

85 64.9 49.0 73.6

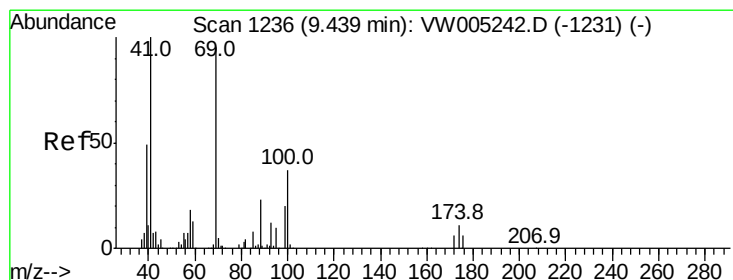
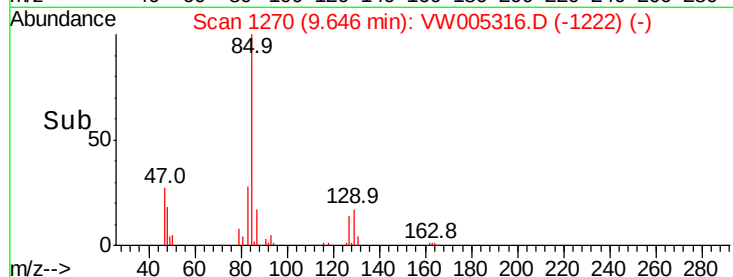
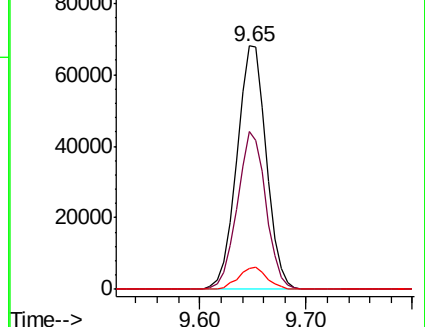
127 8.8 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 21.861 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

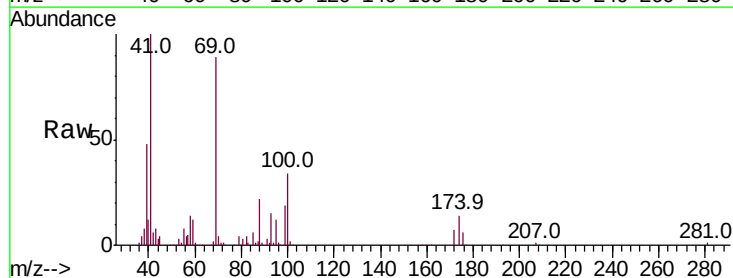
Tgt Ion: 41 Resp: 57734

Ion Ratio Lower Upper

41 100

69 99.2 74.6 112.0

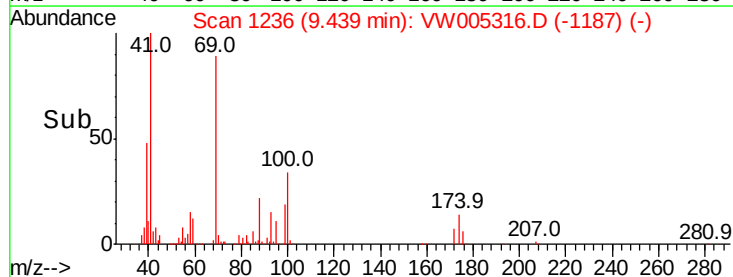
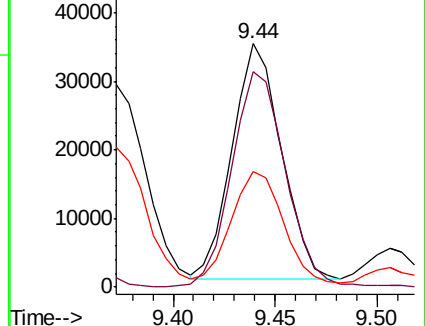
39 48.8 36.7 55.1

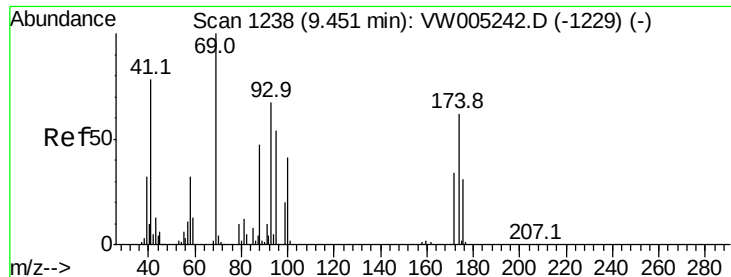


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 433.767 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :

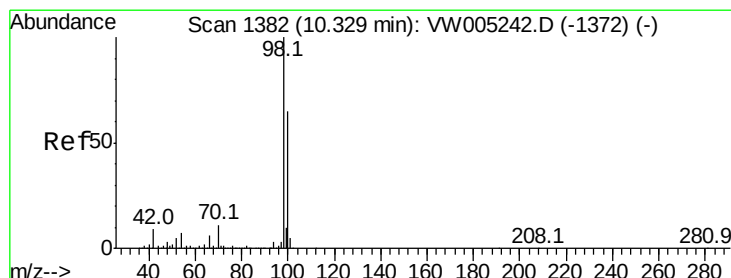
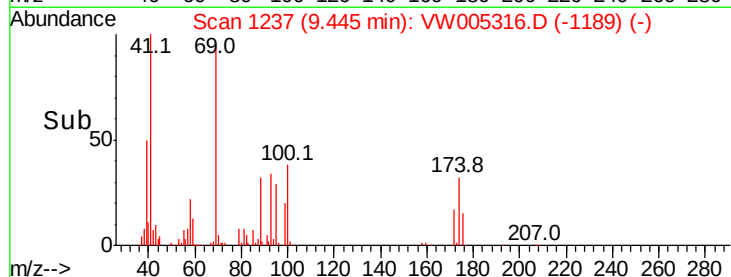
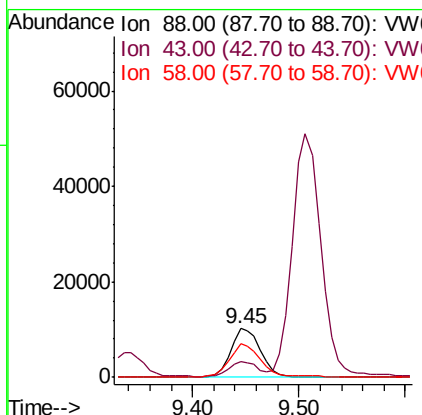
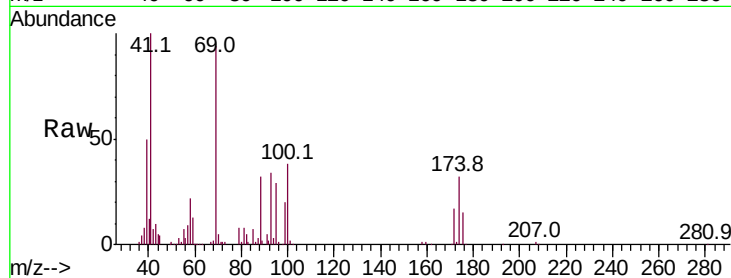
Tot Ion: 88 Resp: 20214

Ion Ratio Lower Upper

88 100

43 30.2 22.7 34.1

58 69.2 56.6 85.0



#50

Toluene-d8

Concen: 52.864 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005316.D

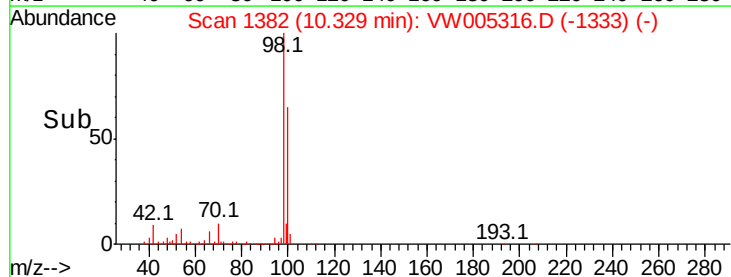
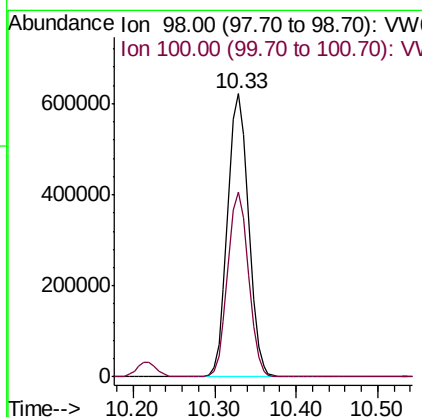
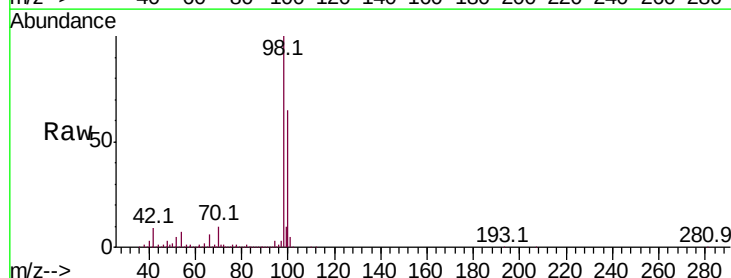
Acq: 12 Sep 2018 10:38

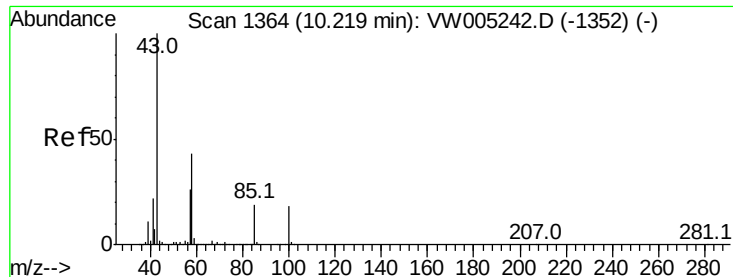
Tgt Ion: 98 Resp: 1099842

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

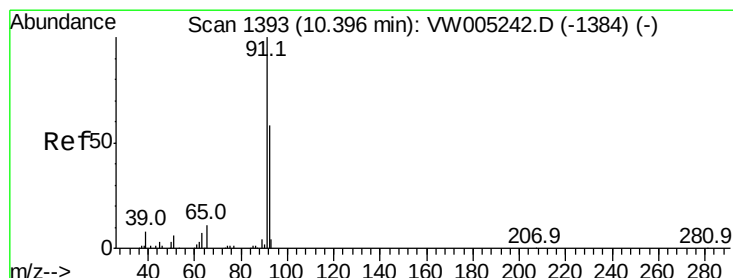
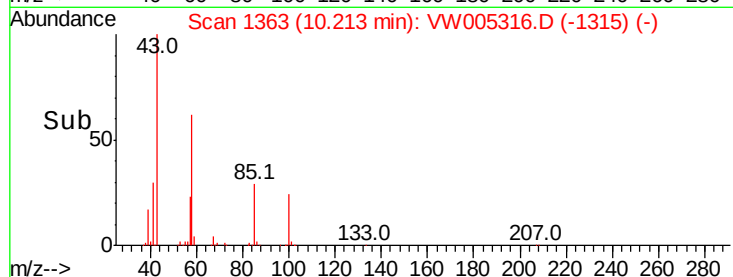
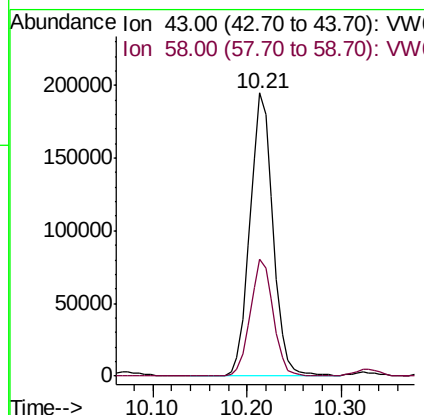
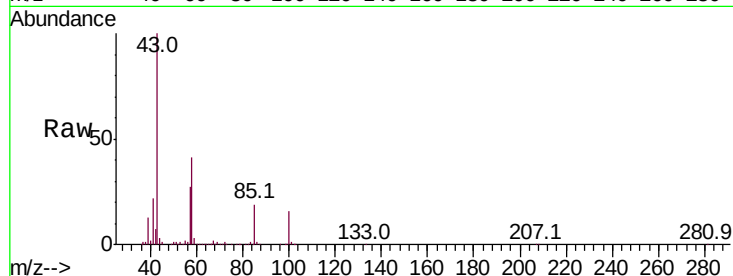




#51
4-Methyl-2-Pentanone
Concen: 116.692 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

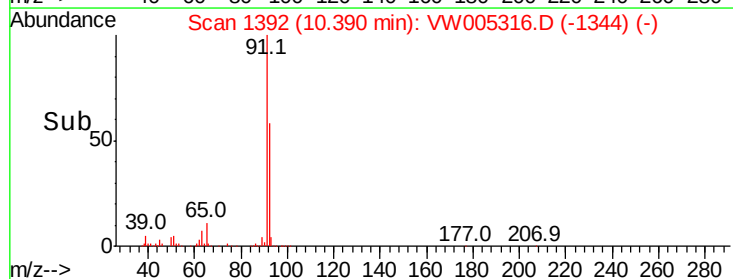
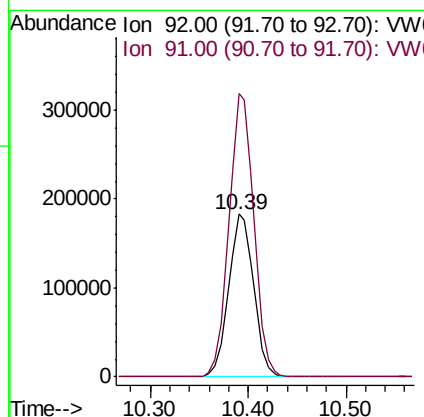
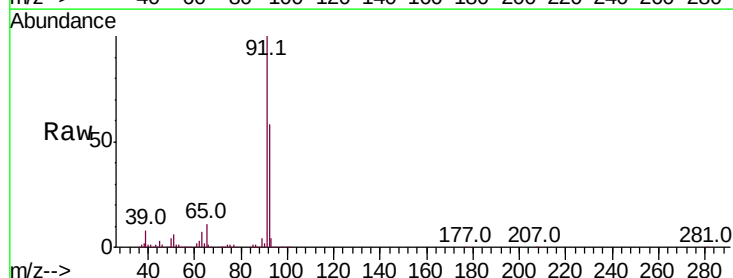
Instrument :
MSVOA_W
ClientSampled :

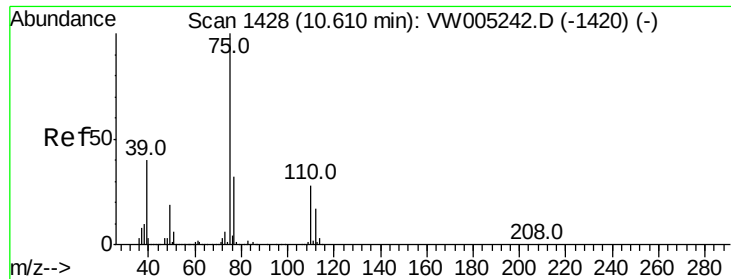
Tot Ion: 43 Resp: 334002
Ion Ratio Lower Upper
43 100
58 41.2 33.8 50.6



#52
Toluene
Concen: 20.908 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 92 Resp: 322364
Ion Ratio Lower Upper
92 100
91 173.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 21.527 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

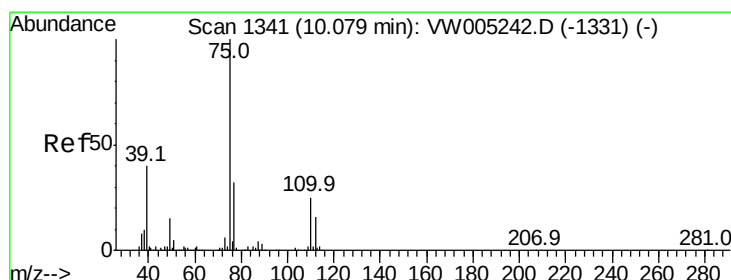
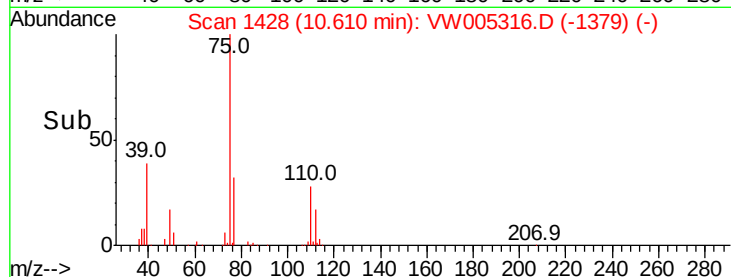
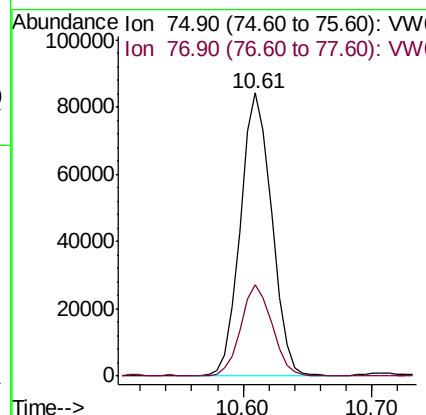
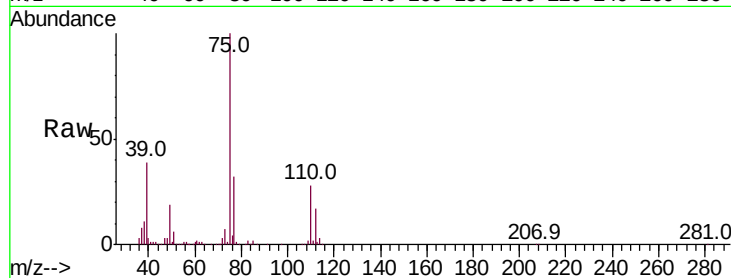
ClientSampleId :

Tot Ion: 75 Resp: 142050

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 21.868 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

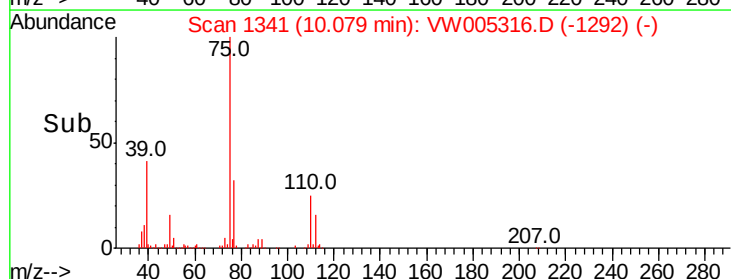
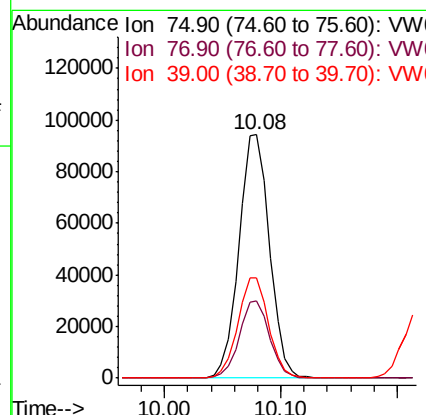
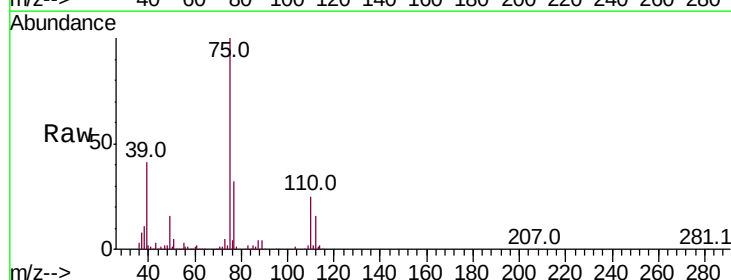
Tgt Ion: 75 Resp: 172800

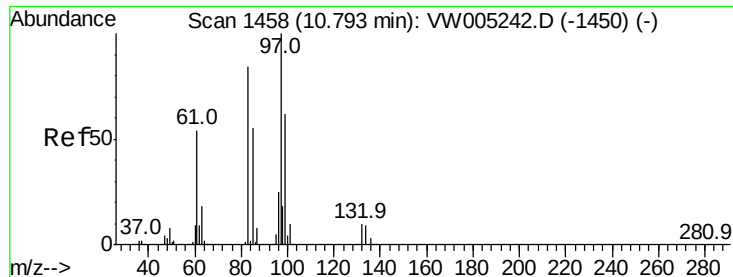
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 40.9 31.8 47.6

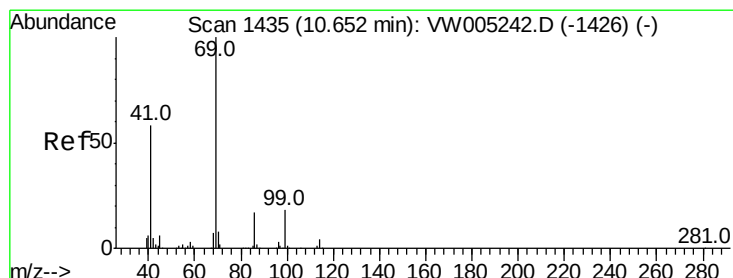
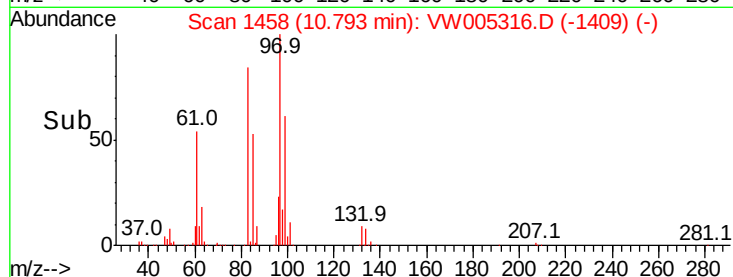
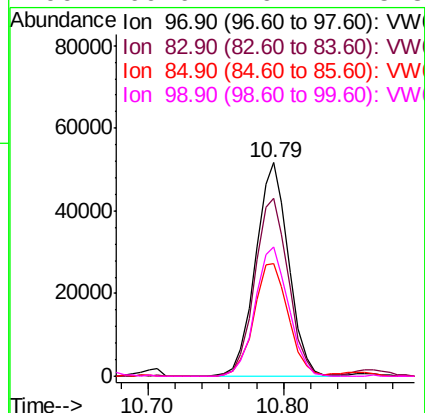
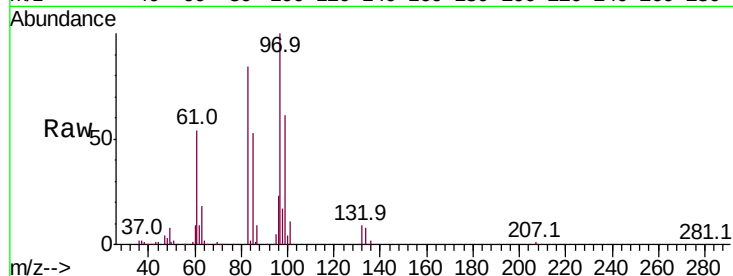




#55
 1,1,2-Trichloroethane
 Concen: 22.110 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

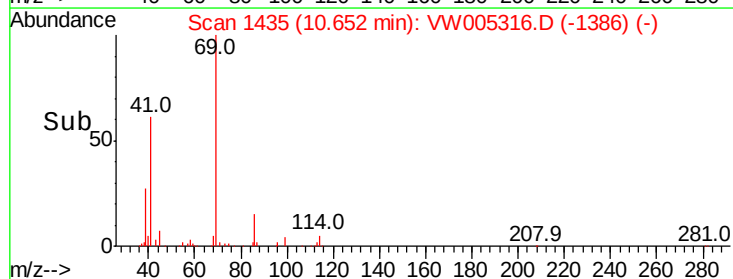
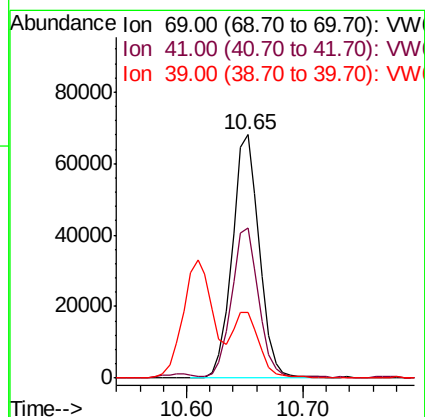
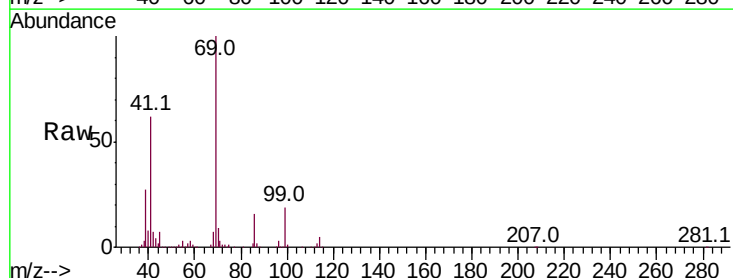
Instrument :
 MSVOA_W
 ClientSampleId :

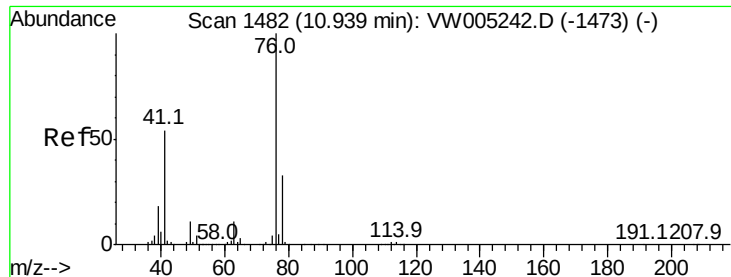
Tot Ion:	97	Resp:	87990
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.2	100.8
85	53.0	44.4	66.6
99	60.6	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 21.756 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion:	69	Resp:	109767
Ion	Ratio	Lower	Upper
69	100		
41	61.8	48.7	73.1
39	25.8	20.9	31.3





#57

1,3-Dichloropropane

Concen: 22.326 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

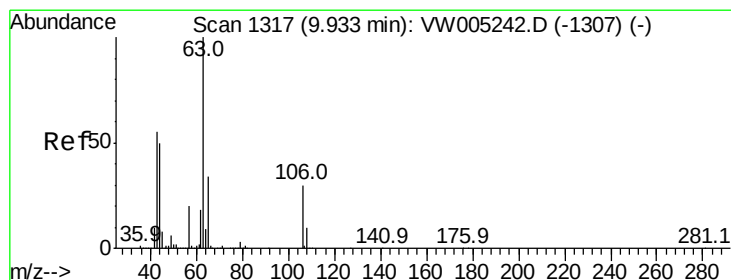
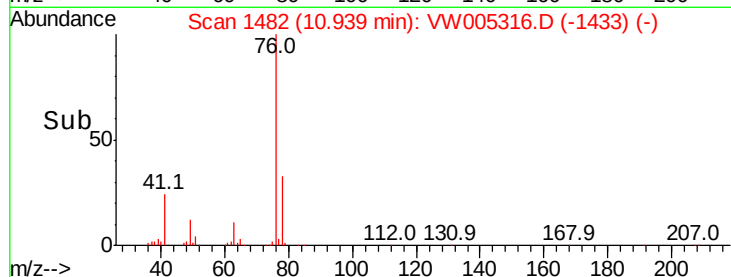
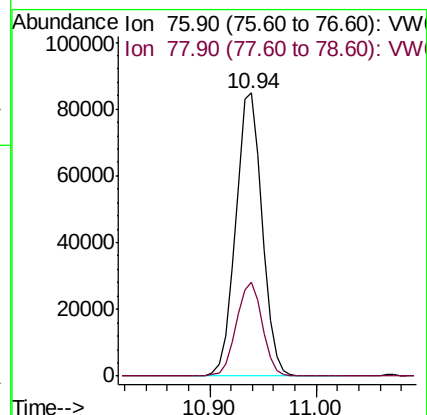
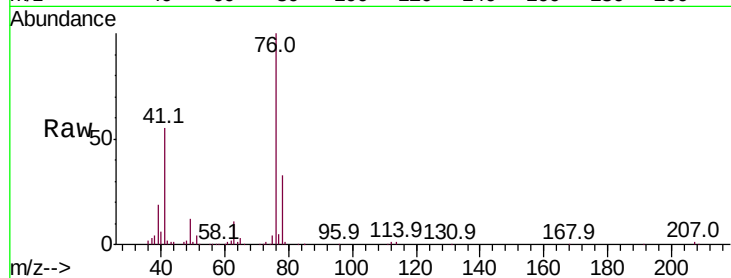
ClientSampleId :

Tot Ion: 76 Resp: 147541

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 111.296 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005316.D

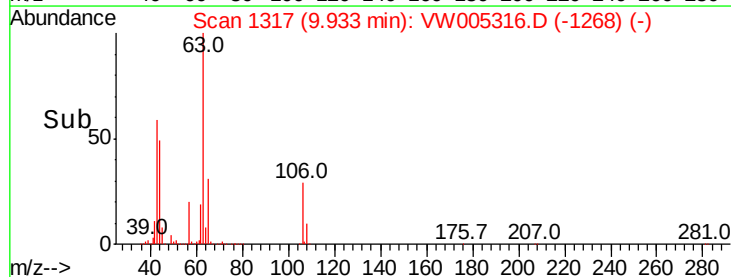
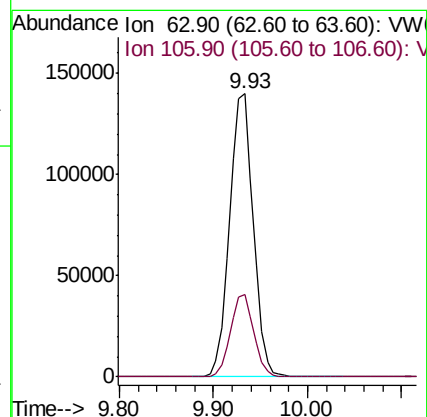
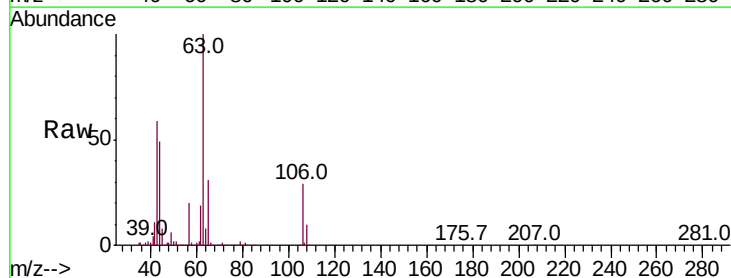
Acq: 12 Sep 2018 10:38

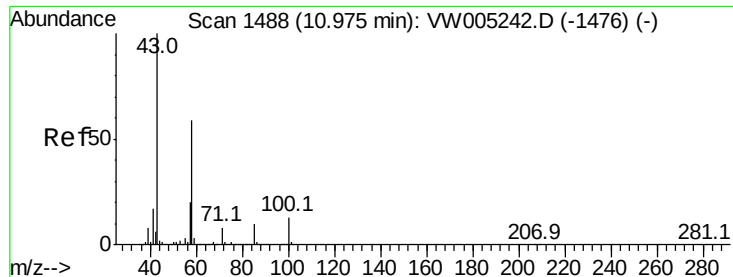
Tgt Ion: 63 Resp: 244064

Ion Ratio Lower Upper

63 100

106 28.6 23.4 35.0

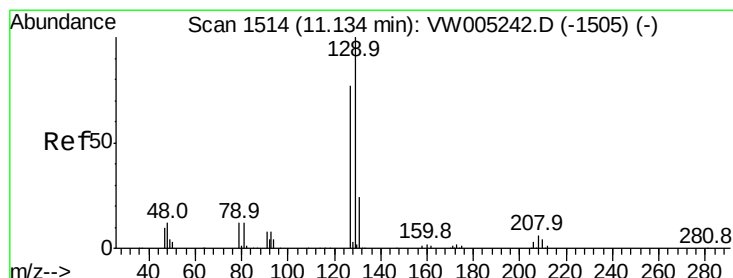
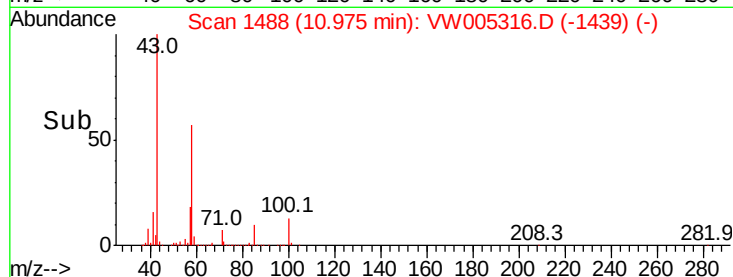
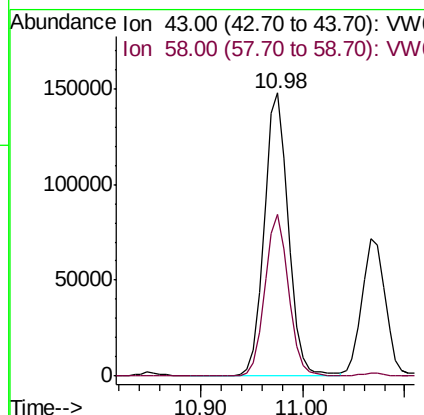
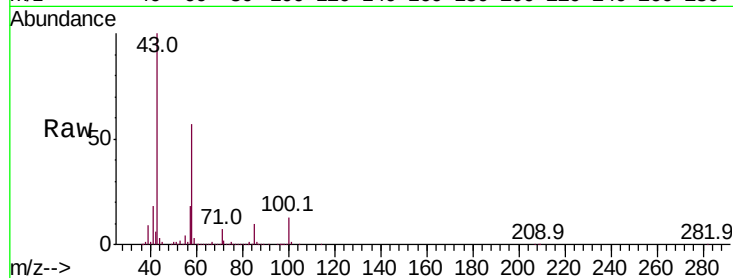




#59
2-Hexanone
Concen: 118.074 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

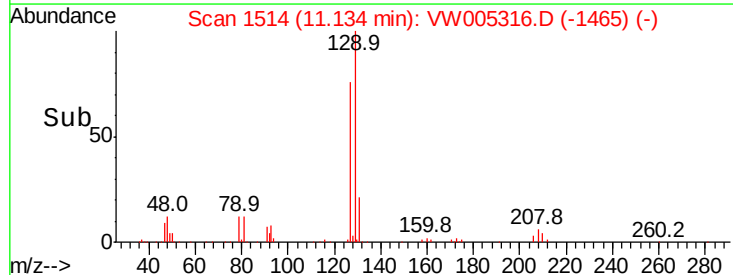
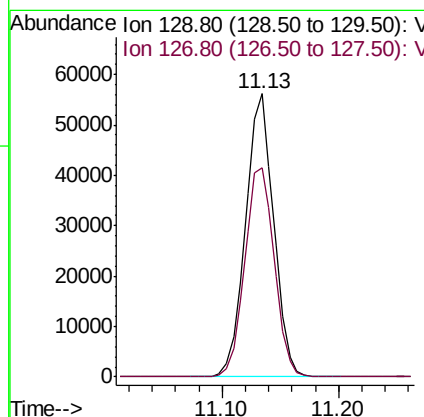
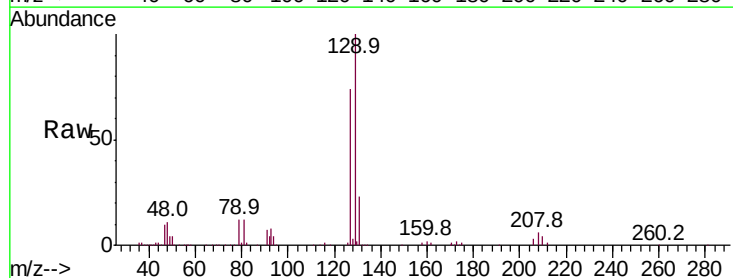
Instrument :
MSVOA_W
ClientSampleId :

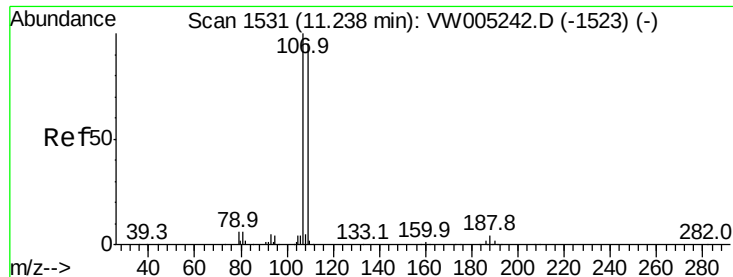
Tot Ion: 43 Resp: 243640
Ion Ratio Lower Upper
43 100
58 56.3 29.3 87.9



#60
Dibromochloromethane
Concen: 21.464 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 129 Resp: 94783
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.842 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

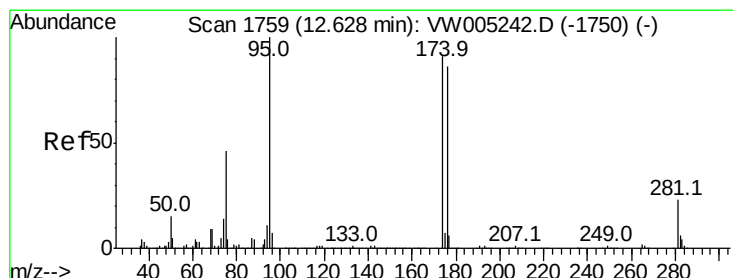
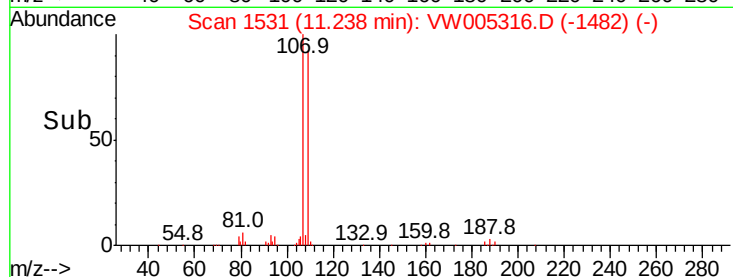
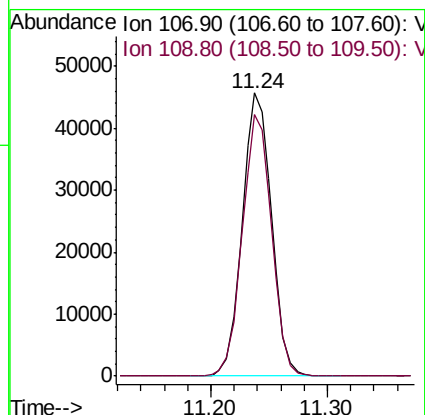
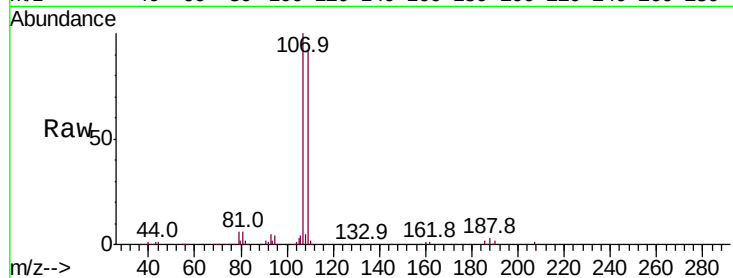
ClientSampled :

Tot Ion:107 Resp: 79712

Ion Ratio Lower Upper

107 100

109 92.9 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 52.788 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

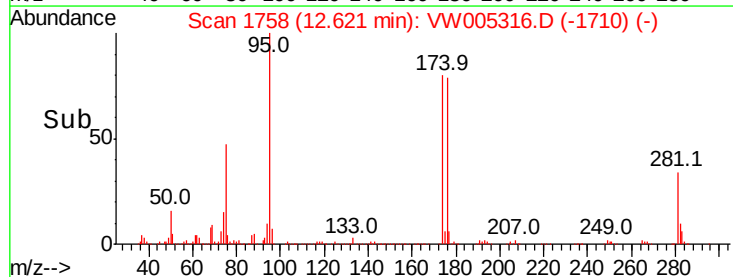
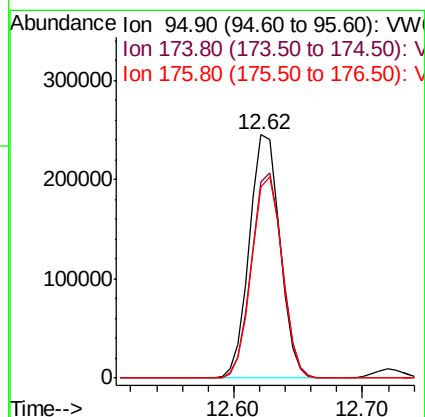
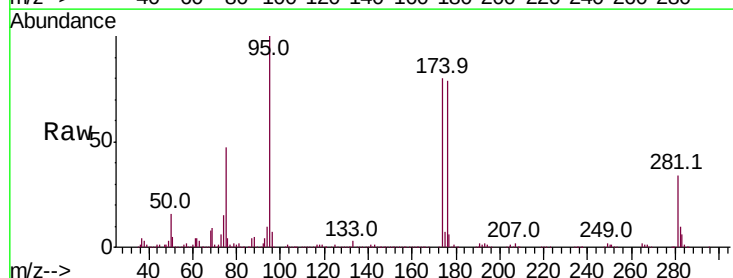
Tgt Ion: 95 Resp: 401708

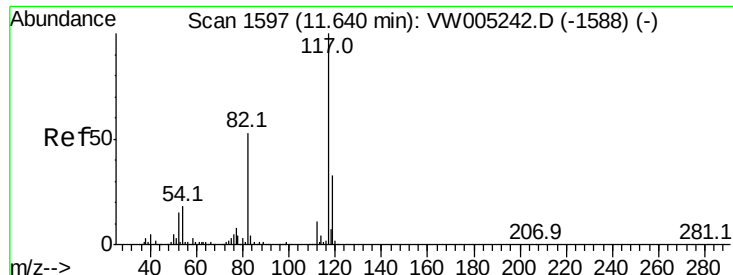
Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.6

176 82.8 0.0 167.6

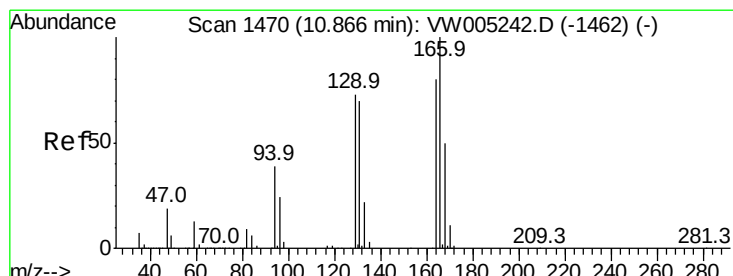
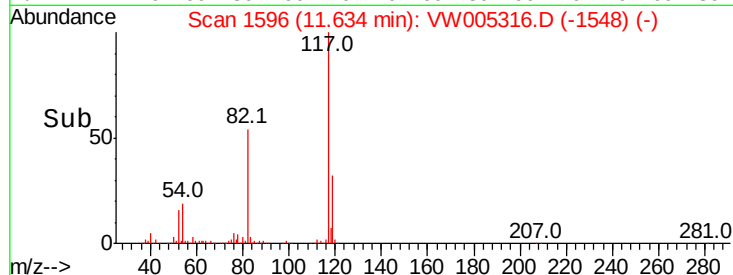
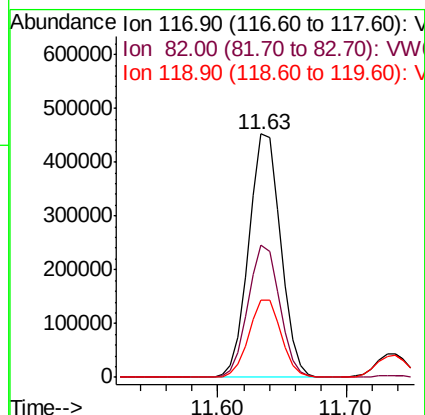
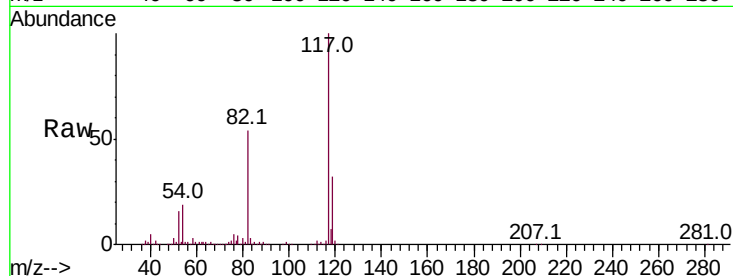




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

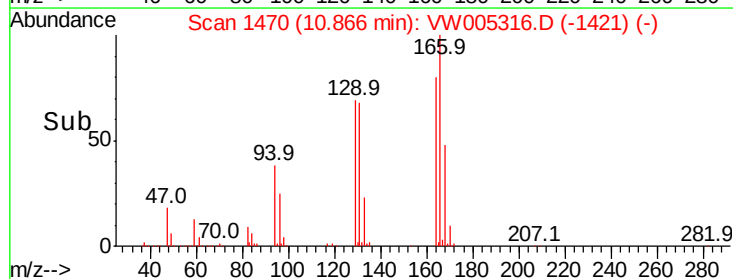
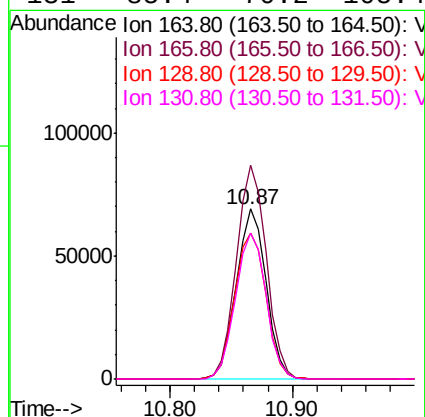
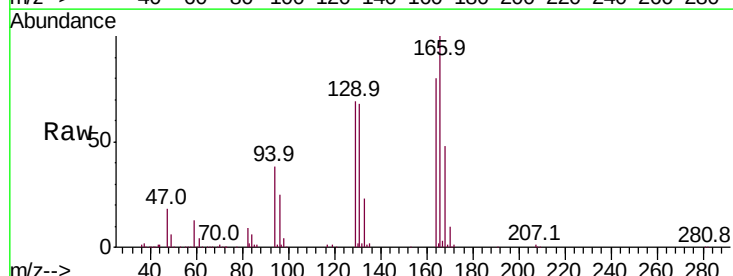
Instrument :
MSVOA_W
ClientSampled :

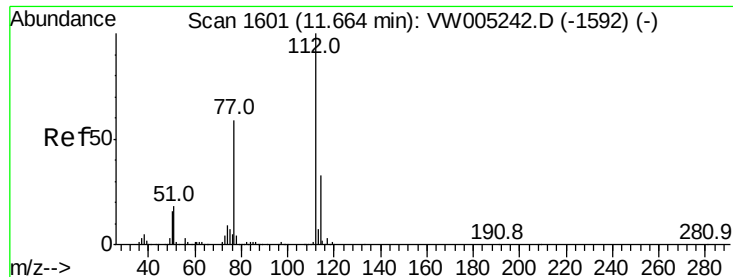
Tot Ion:117 Resp: 771263
Ion Ratio Lower Upper
117 100
82 54.4 42.6 63.8
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 20.420 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion:164 Resp: 116848
Ion Ratio Lower Upper
164 100
166 125.6 100.2 150.2
129 86.1 73.2 109.8
131 85.4 70.2 105.4

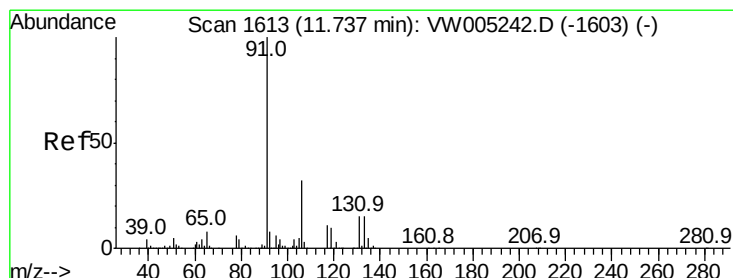
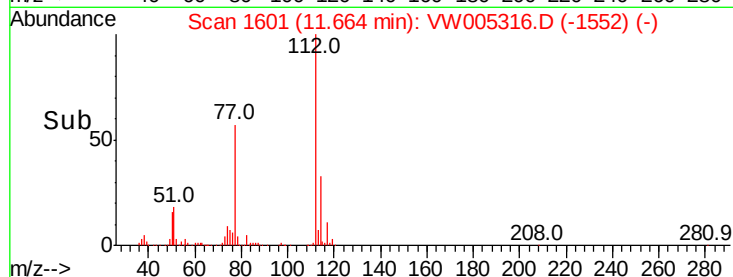
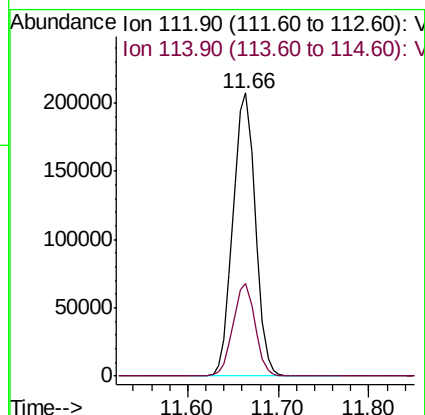
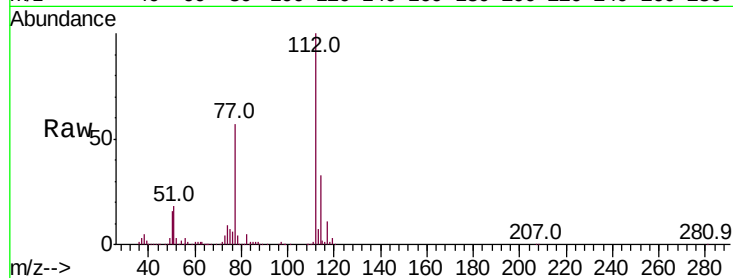




#65
Chlorobenzene
Concen: 21.012 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

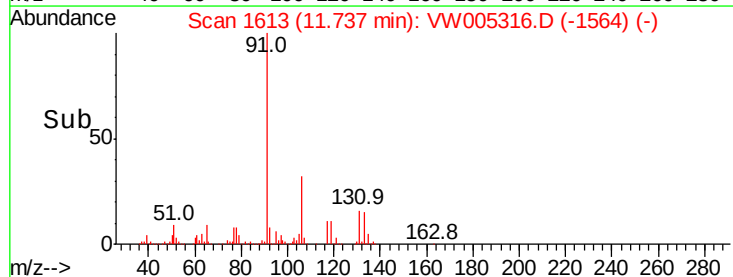
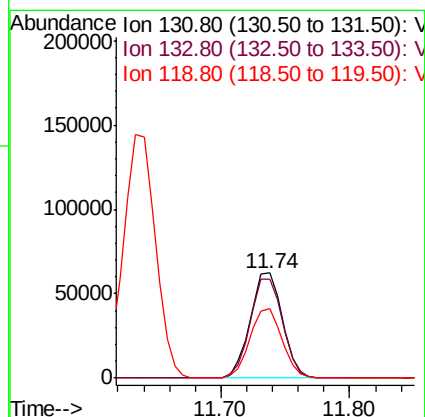
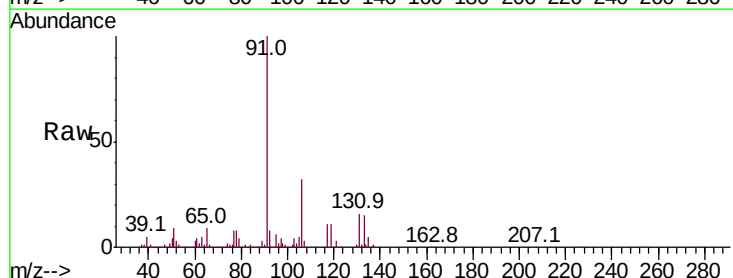
Instrument :
MSVOA_W
ClientSampleId :

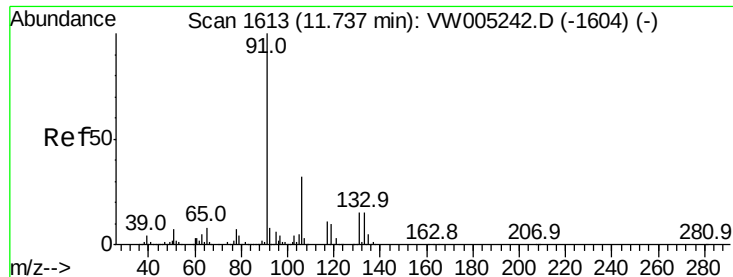
Tot Ion:112 Resp: 355011
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.301 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion:131 Resp: 107454
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.880 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

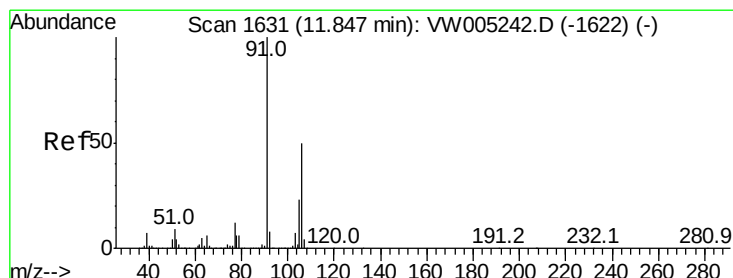
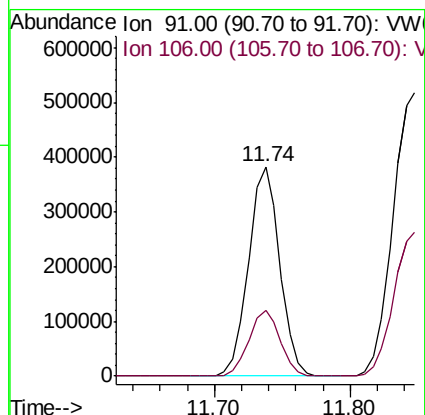
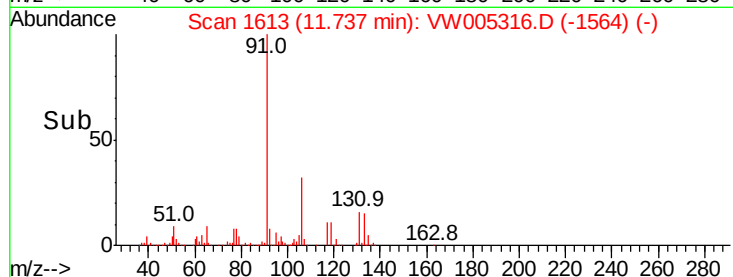
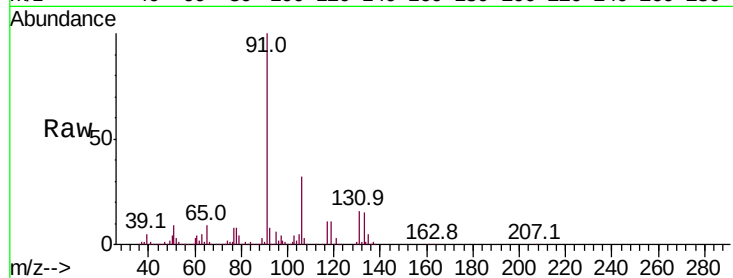
ClientSampled :

Tot Ion: 91 Resp: 614368

Ion Ratio Lower Upper

91 100

106 31.7 25.6 38.4



#68

m/p-Xylenes

Concen: 41.531 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VW005316.D

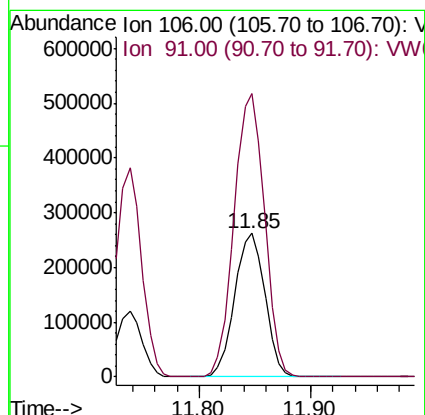
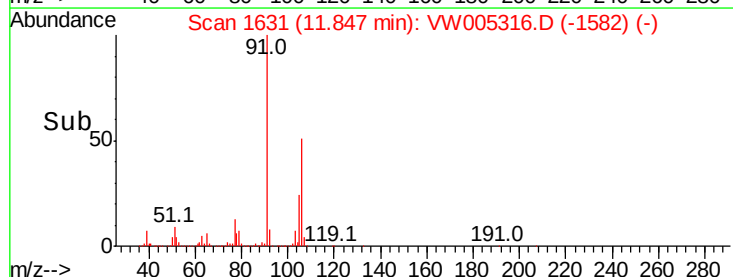
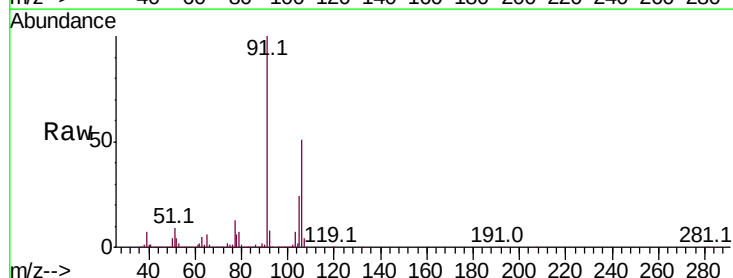
Acq: 12 Sep 2018 10:38

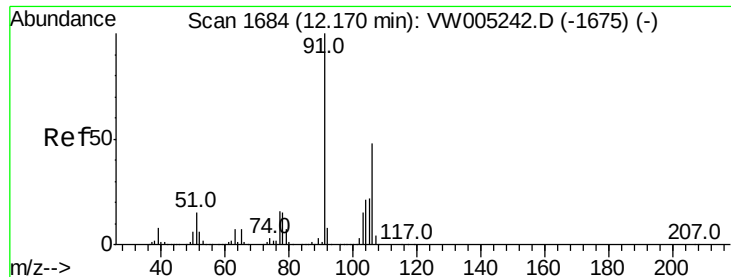
Tgt Ion: 106 Resp: 492431

Ion Ratio Lower Upper

106 100

91 199.3 160.2 240.2

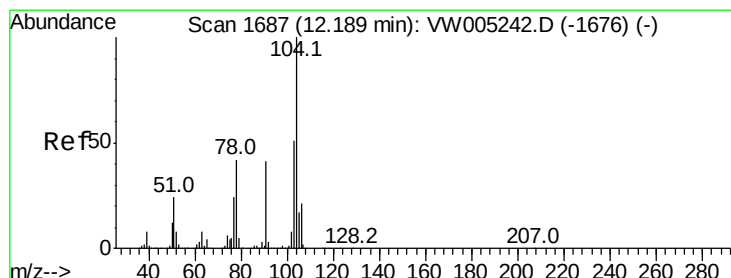
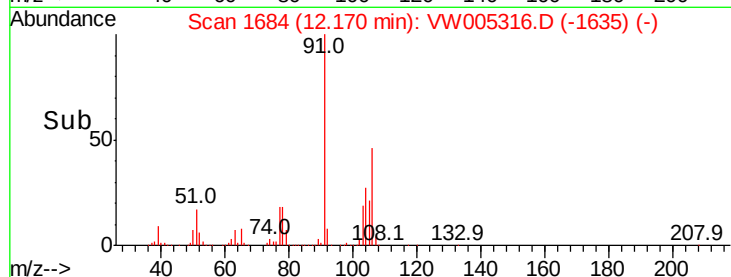
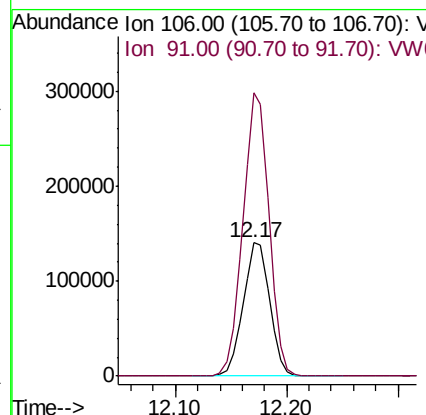
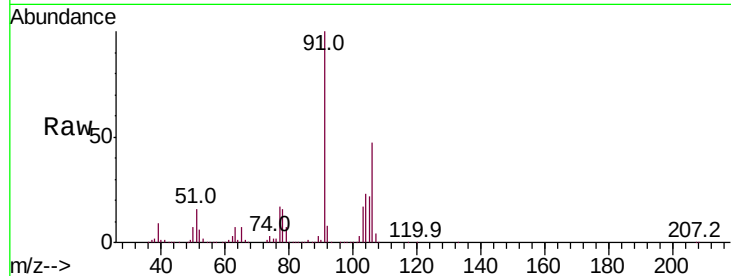




#69
o-Xylene
Concen: 20.880 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

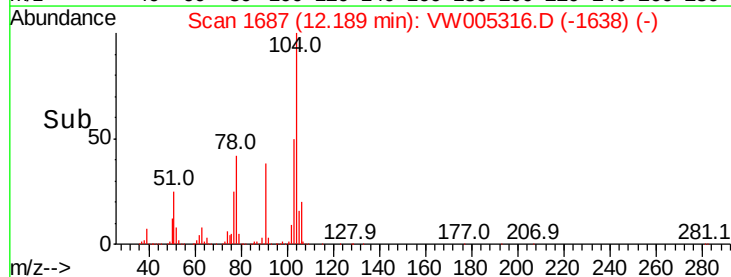
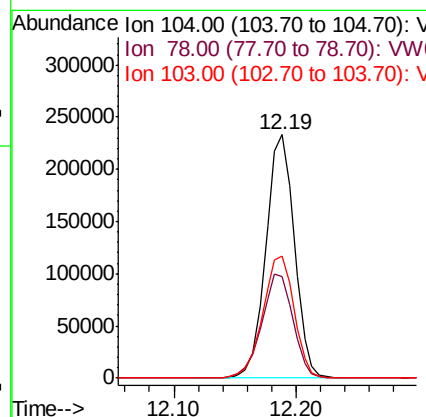
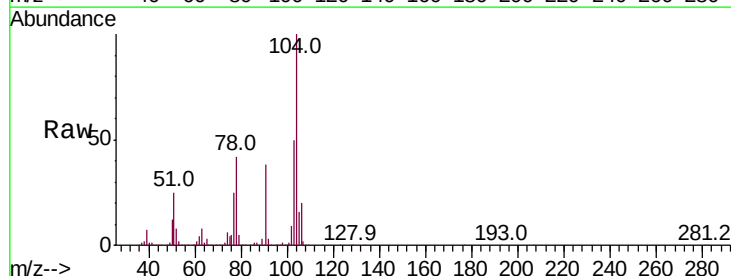
Instrument :
MSVOA_W
ClientSampleId :

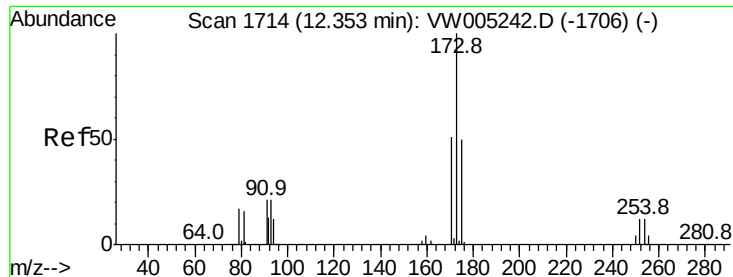
Tot Ion:106 Resp: 230339
Ion Ratio Lower Upper
106 100
91 209.5 104.1 312.3



#70
Styrene
Concen: 21.037 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion:104 Resp: 378661
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 21.073 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

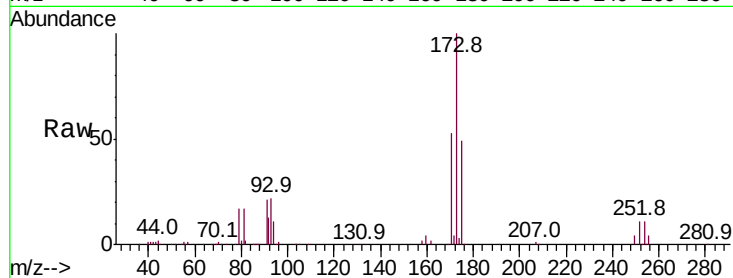
Tot Ion:173 Resp: 57640

Ion Ratio Lower Upper

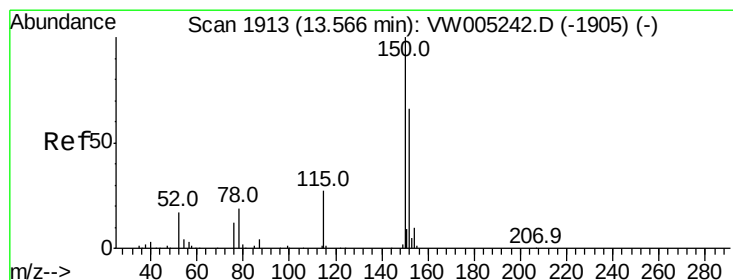
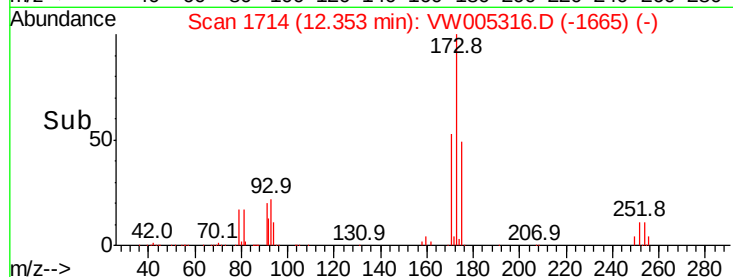
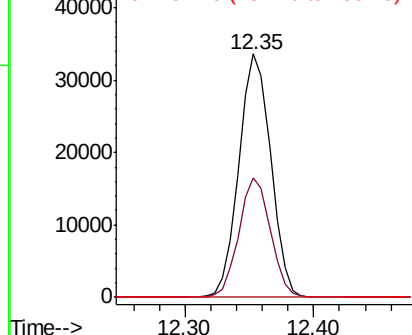
173 100

175 48.5 24.9 74.6

254 0.1 0.1 0.1#



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: VW005316.D

Acq: 12 Sep 2018 10:38

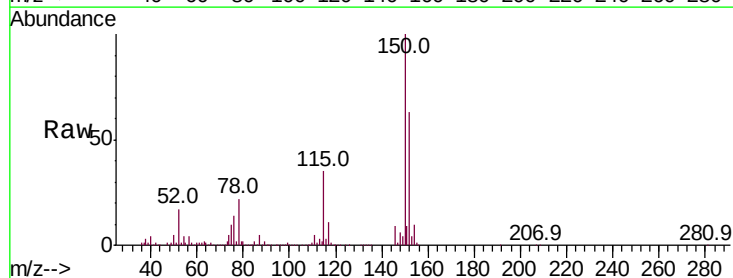
Tgt Ion:152 Resp: 408979

Ion Ratio Lower Upper

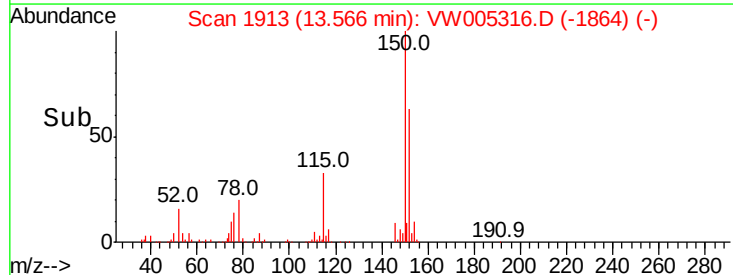
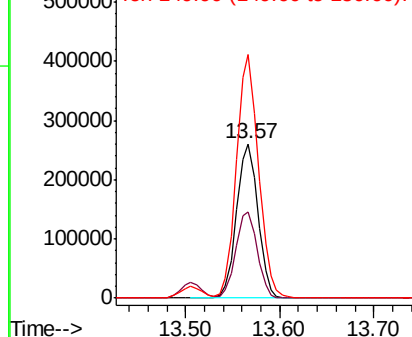
152 100

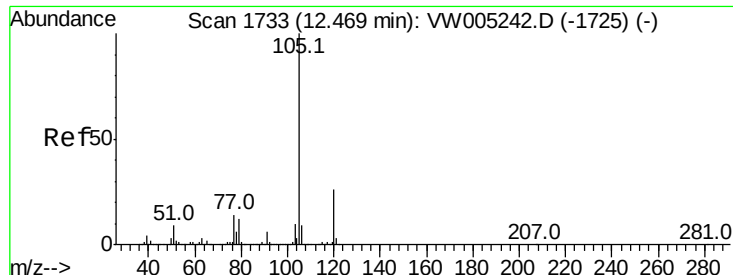
115 56.5 27.5 82.4

150 163.1 0.0 347.4



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: 21.067 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

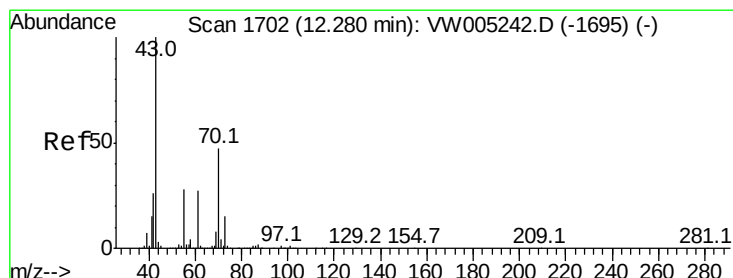
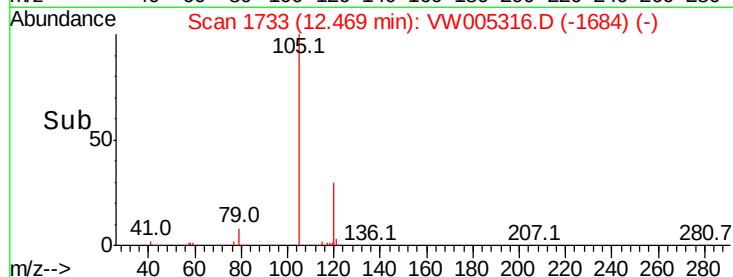
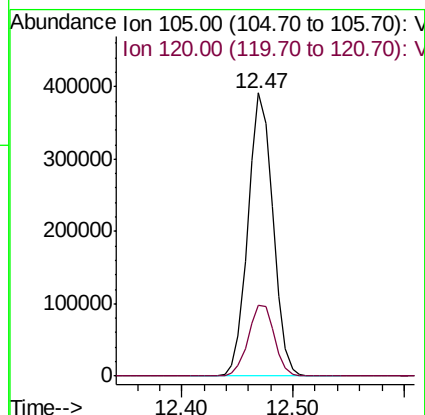
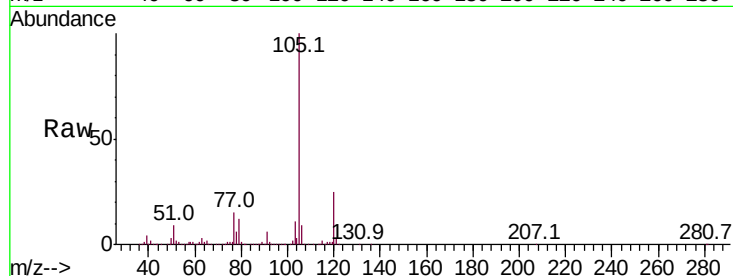
ClientSampled :

Tot Ion:105 Resp: 608766

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 22.828 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion: 43 Resp: 125508

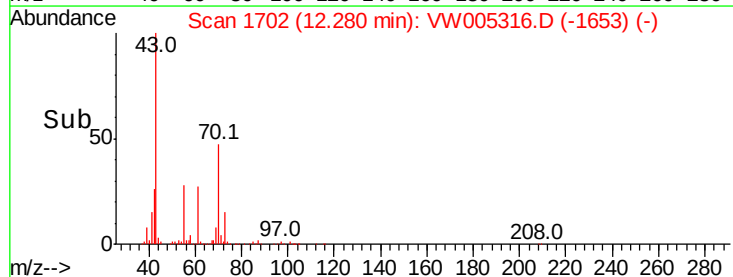
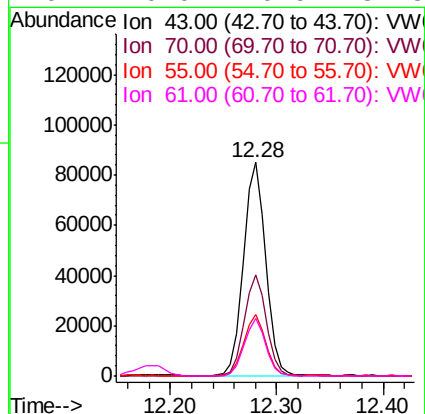
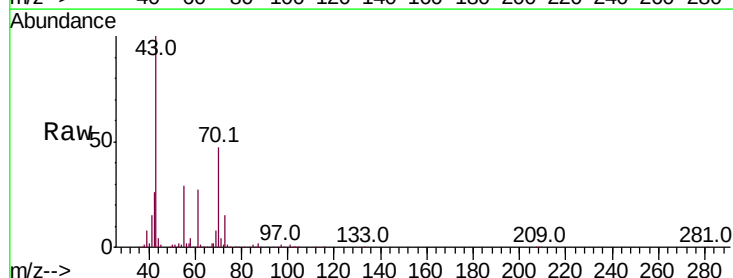
Ion Ratio Lower Upper

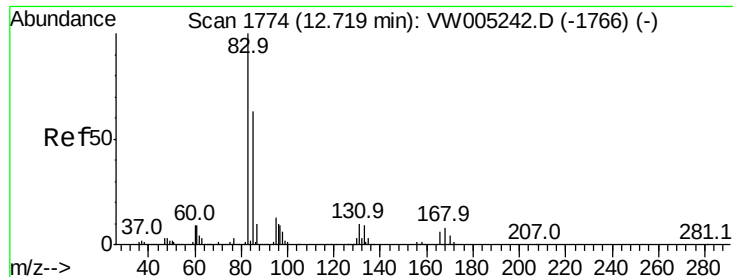
43 100

70 47.0 37.9 56.9

55 28.2 22.6 33.8

61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.942 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

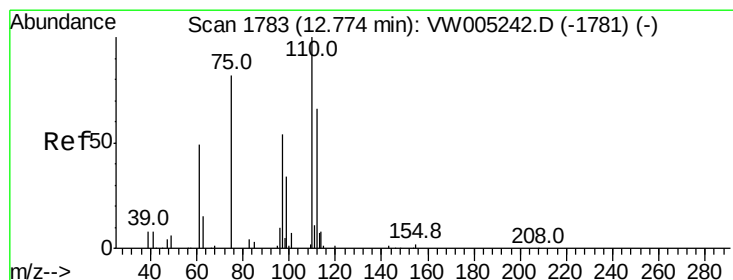
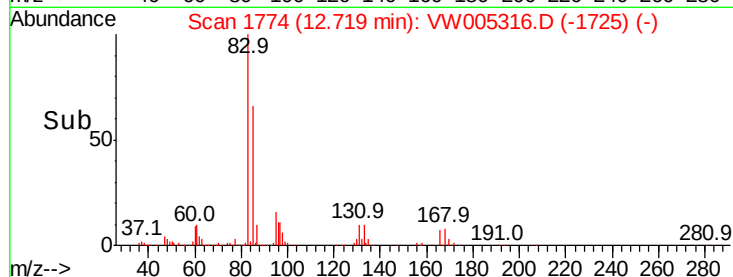
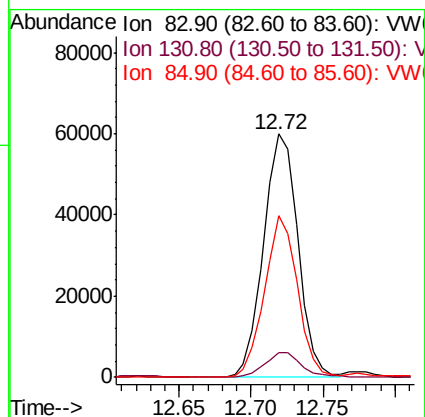
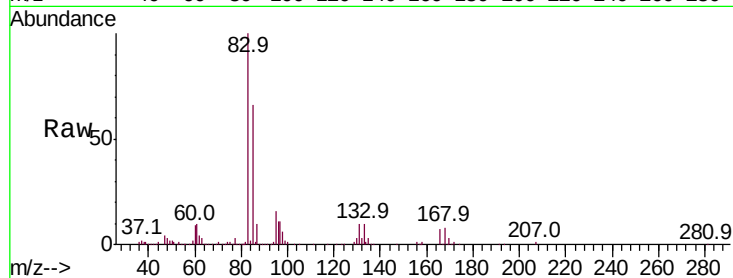
Tot Ion: 83 Resp: 99633

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 63.3 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 41.481 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005316.D

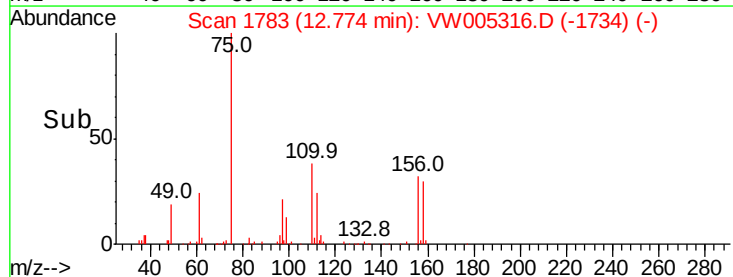
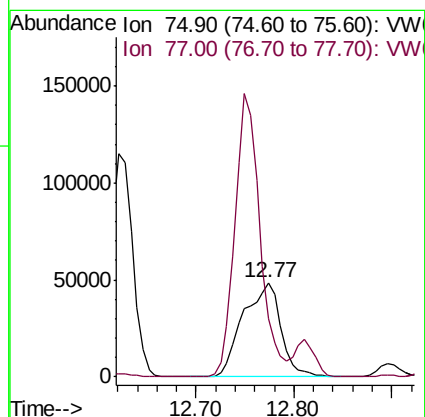
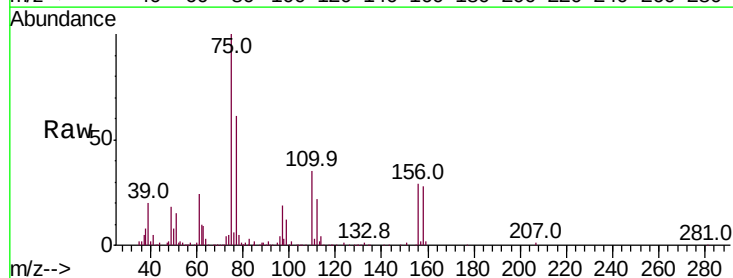
Acq: 12 Sep 2018 10:38

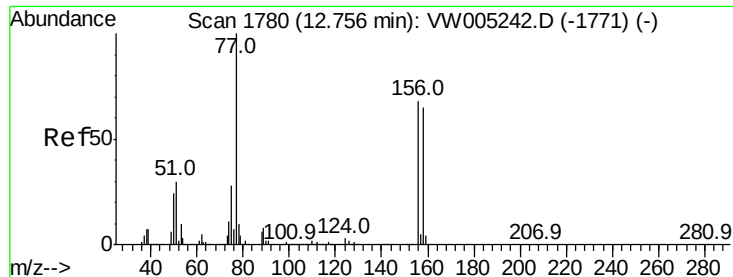
Tgt Ion: 75 Resp: 130485

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.776 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

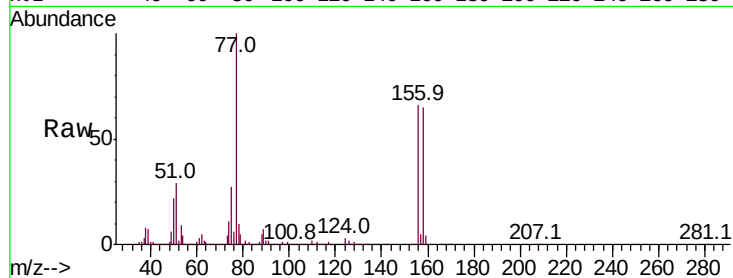
Tot Ion:156 Resp: 148242

Ion Ratio Lower Upper

156 100

77 176.5 86.3 258.8

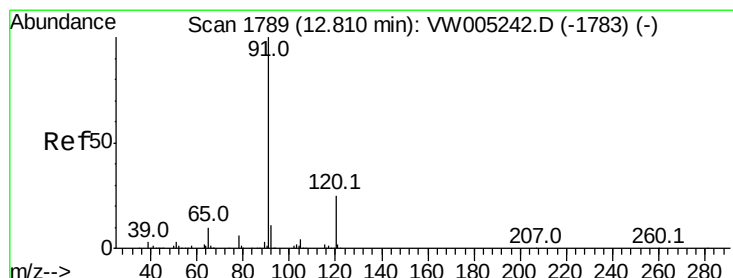
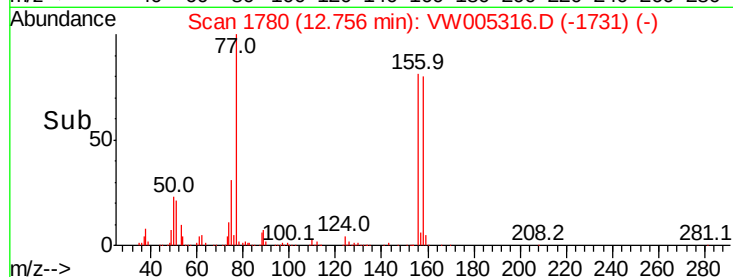
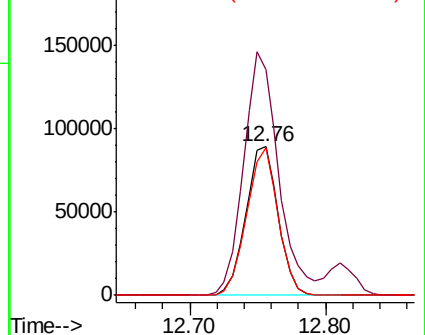
158 95.9 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.473 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005316.D

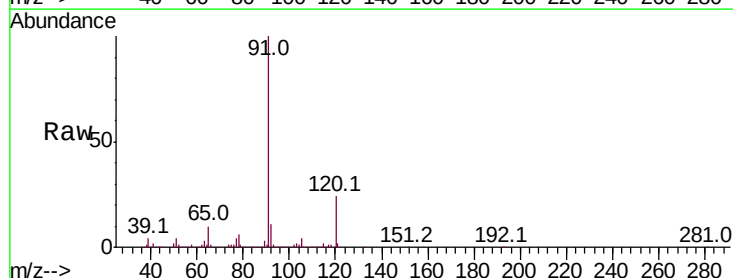
Acq: 12 Sep 2018 10:38

Tgt Ion: 91 Resp: 745208

Ion Ratio Lower Upper

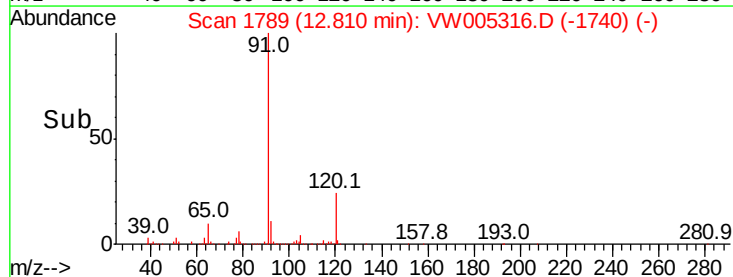
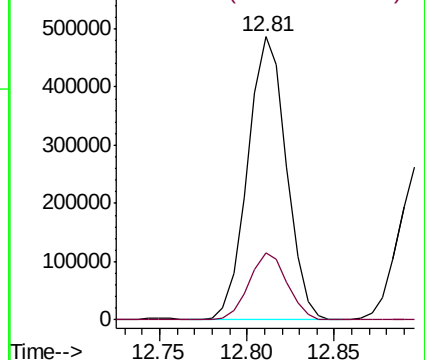
91 100

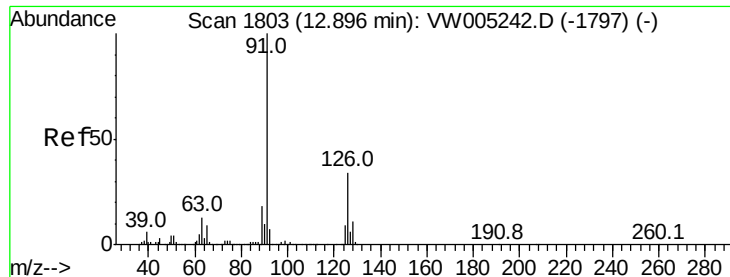
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 21.593 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

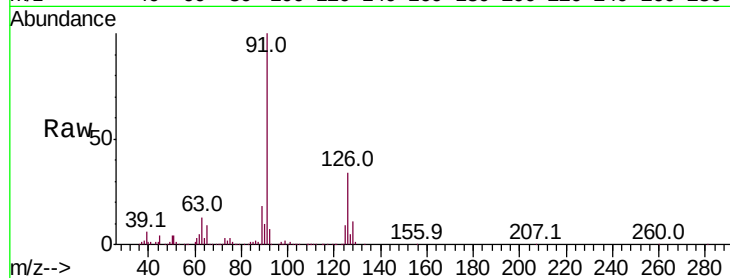
ClientSampled :

Tot Ion: 91 Resp: 429750

Ion Ratio Lower Upper

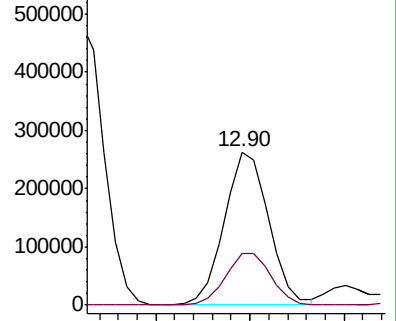
91 100

126 34.3 17.2 51.5

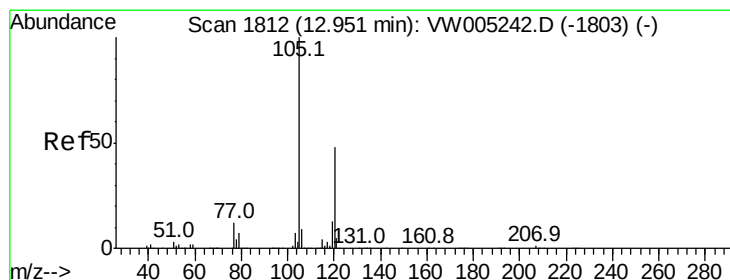
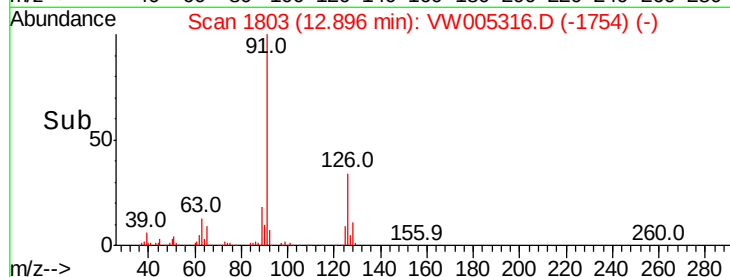


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.292 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005316.D

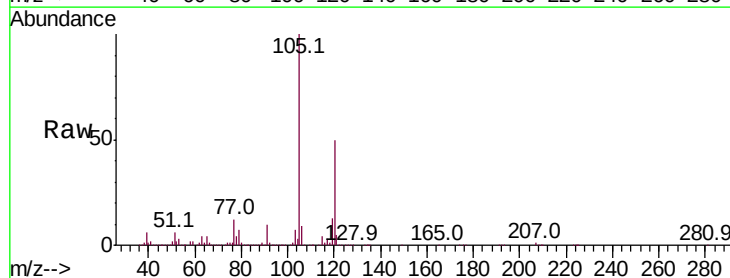
Acq: 12 Sep 2018 10:38

Tgt Ion:105 Resp: 523912

Ion Ratio Lower Upper

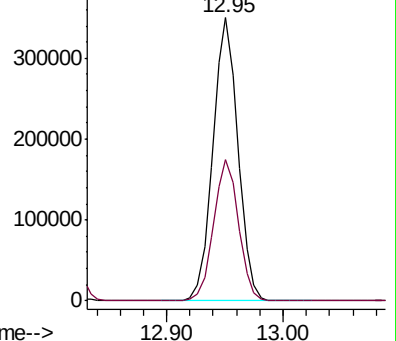
105 100

120 49.9 24.4 73.4

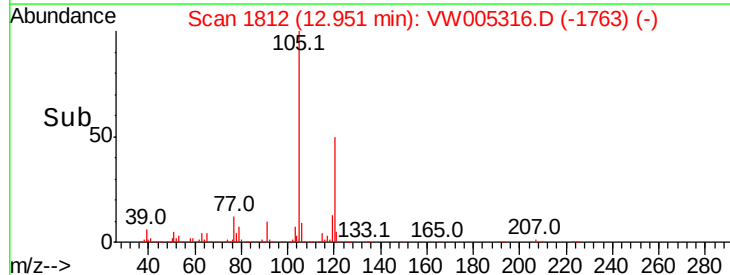


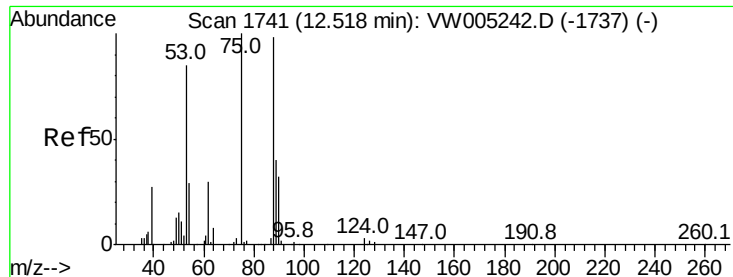
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

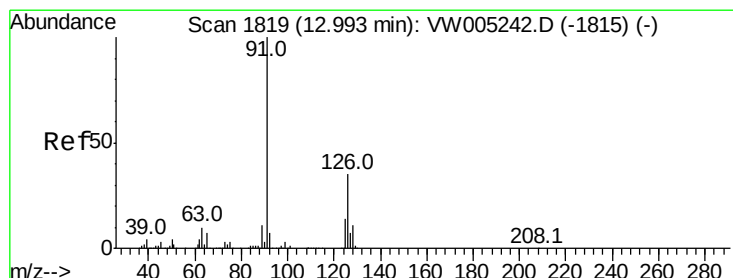
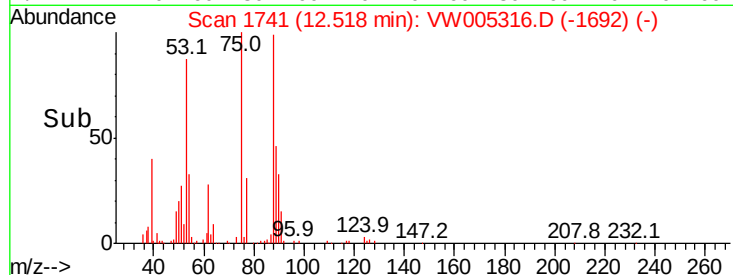
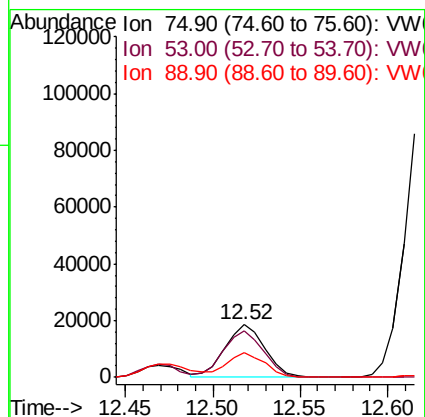
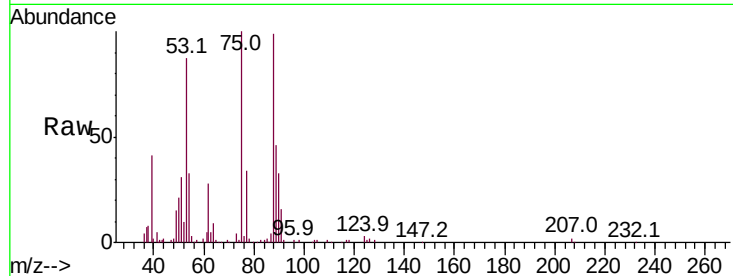




#81
trans-1,4-Dichloro-2-butene
Concen: 21.608 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

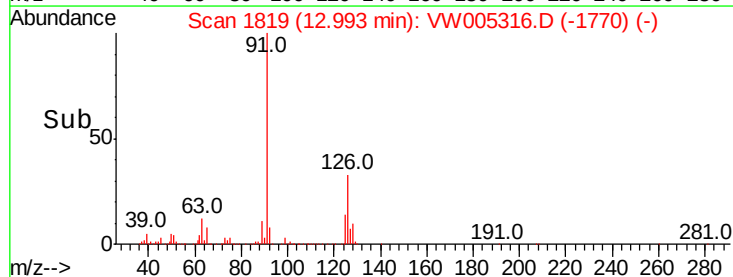
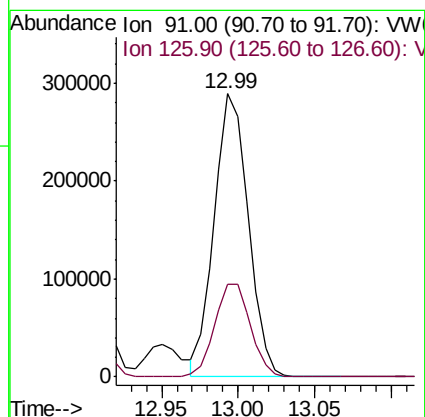
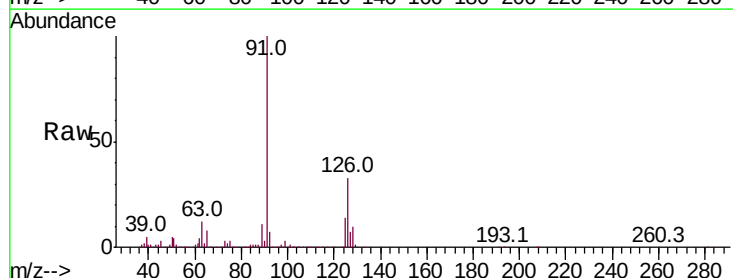
Instrument :
MSVOA_W
ClientSampled :

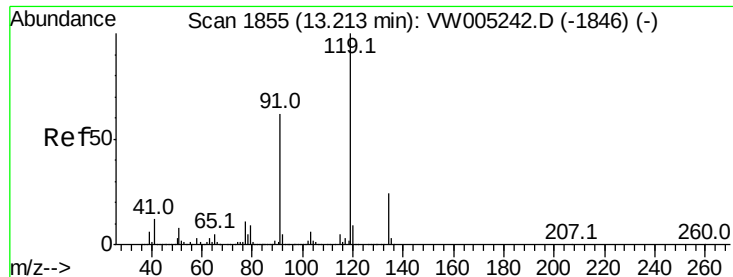
Tot Ion: 75 Resp: 28983
Ion Ratio Lower Upper
75 100
53 90.5 67.0 100.6
89 43.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.451 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 91 Resp: 448738
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

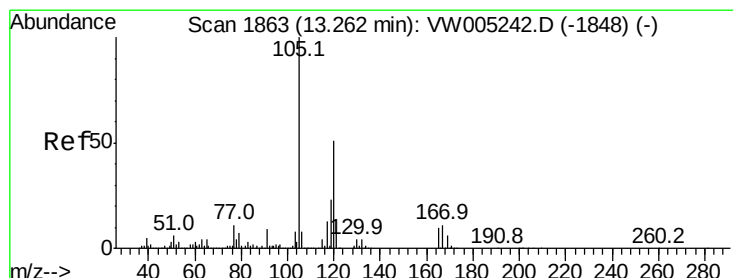
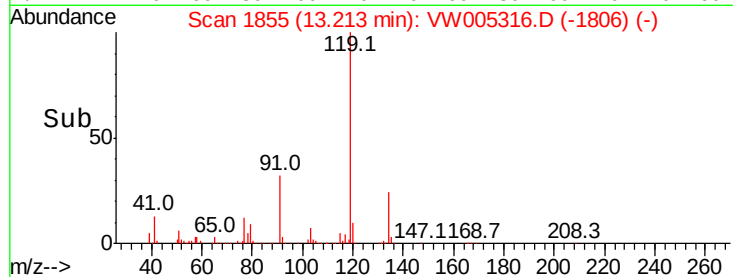
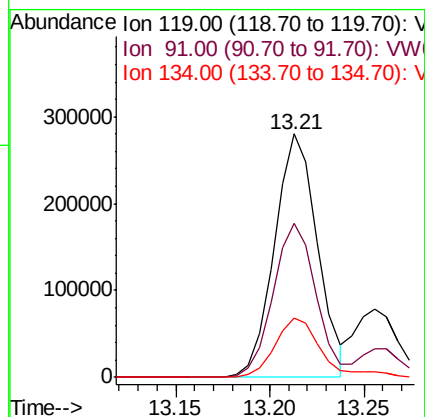
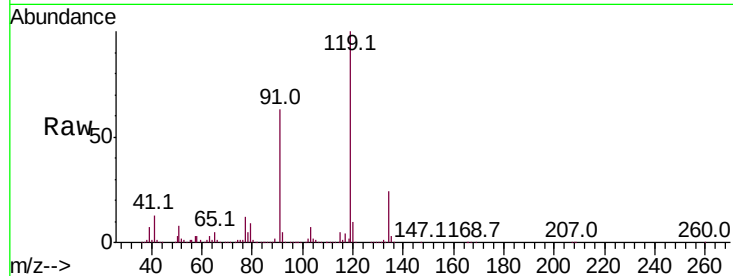




#83
 tert-Butylbenzene
 Concen: 20.550 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

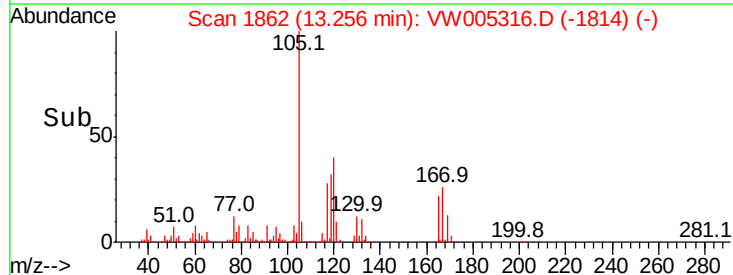
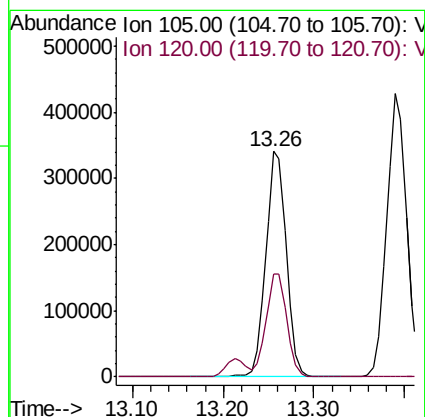
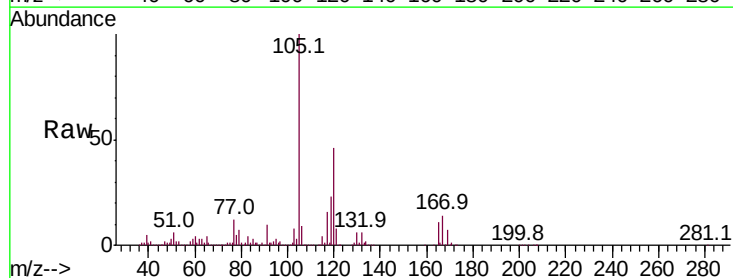
Instrument :
 MSVOA_W
 ClientSampleId :

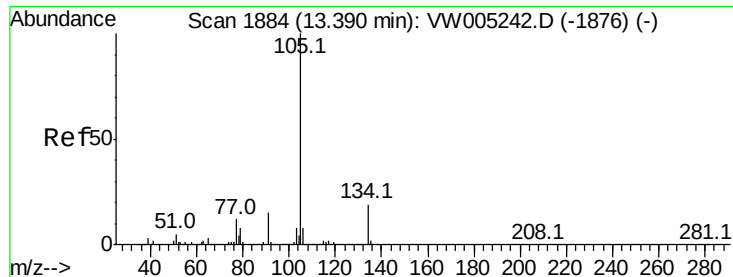
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.7	95.1
134	26.5	13.0	38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.494 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.979 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

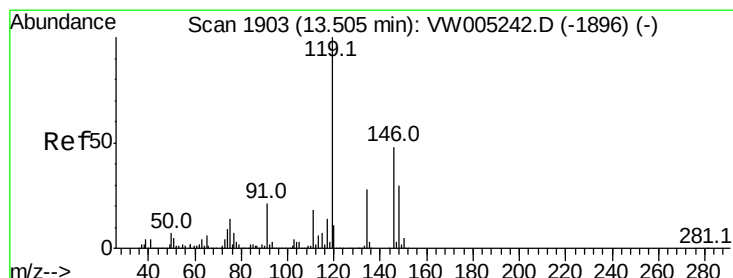
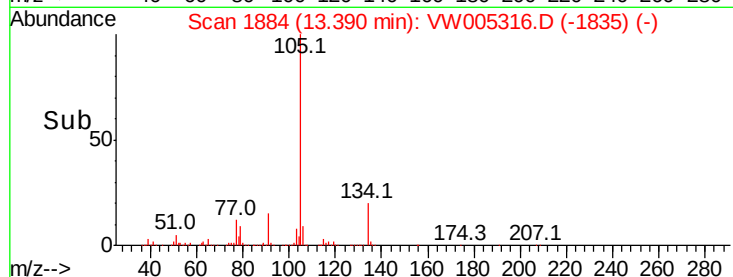
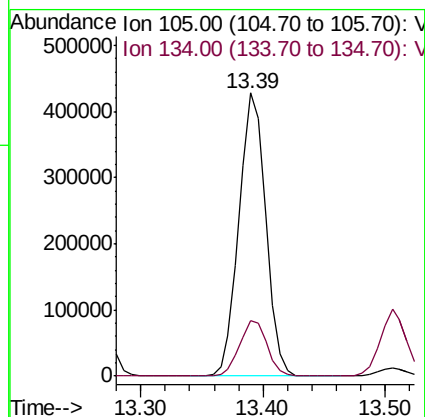
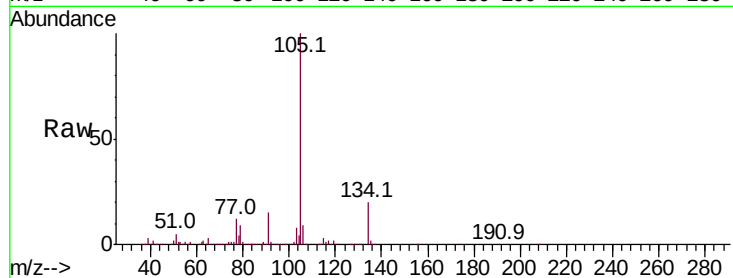
ClientSampleId :

Tot Ion:105 Resp: 648835

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.856 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

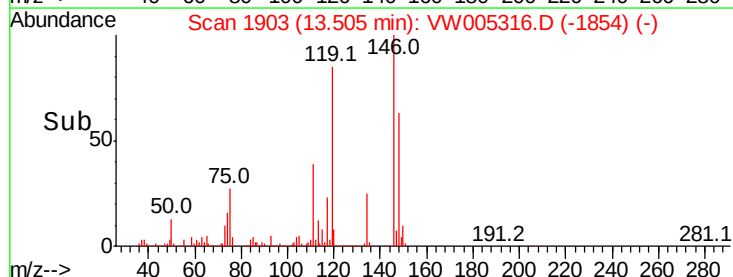
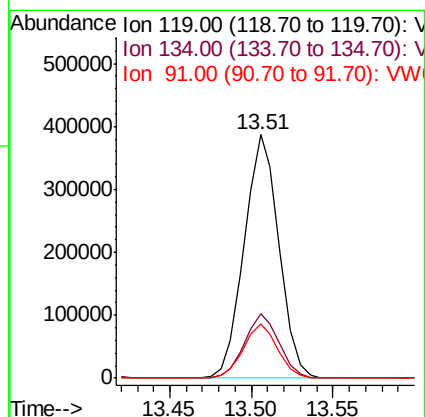
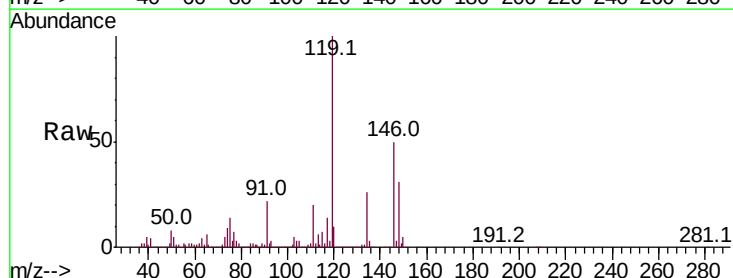
Tgt Ion:119 Resp: 571009

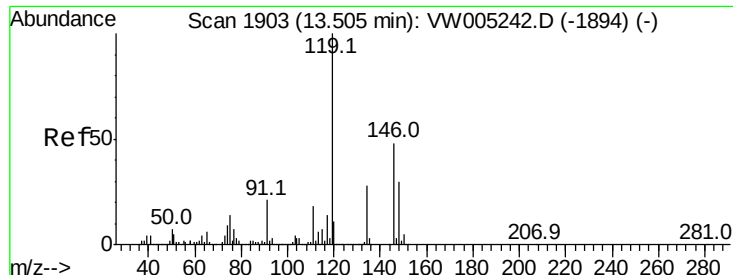
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 21.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.965 ug/l

RT: 13.51 min Scan# 1903

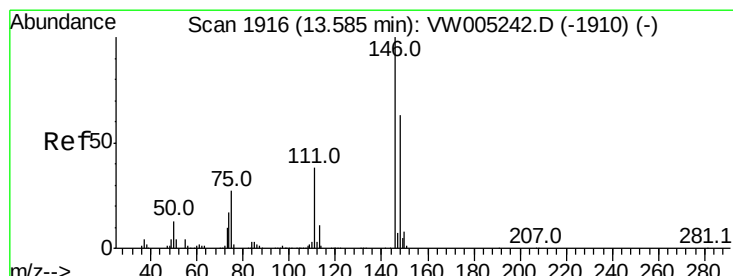
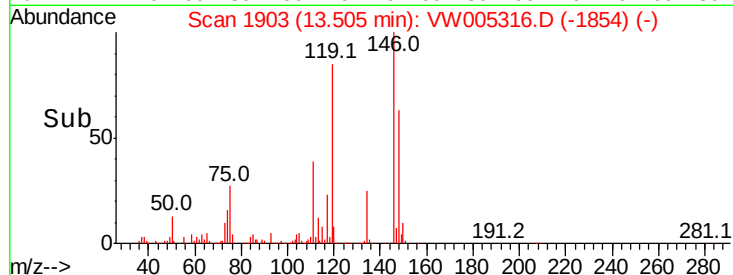
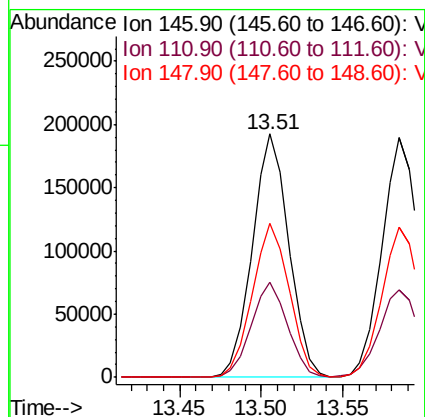
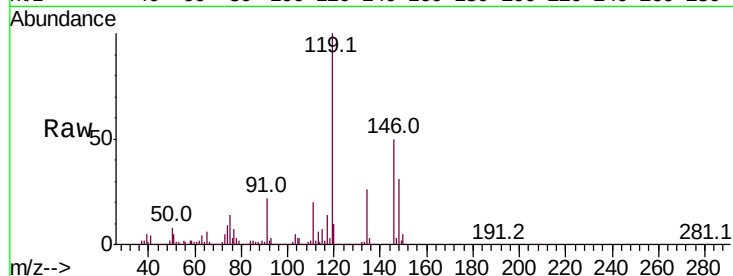
Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.8	56.3
148	63.9	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 21.262 ug/l

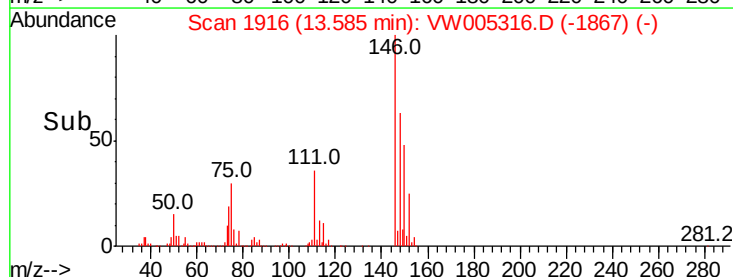
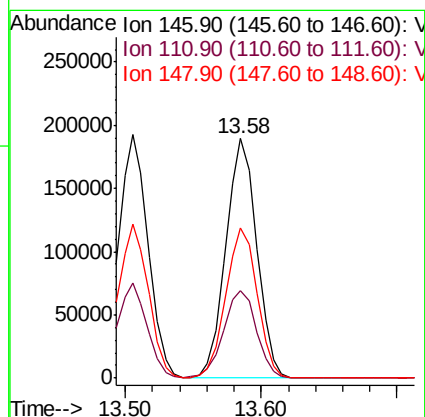
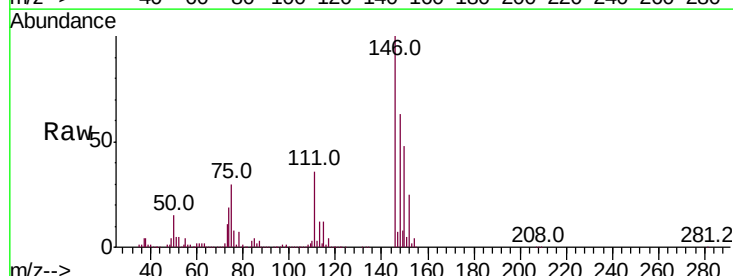
RT: 13.58 min Scan# 1916

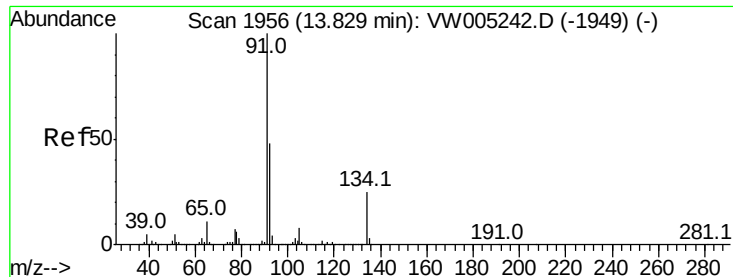
Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	63.7	32.3	96.9





#89

n-Butylbenzene

Concen: 20.580 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

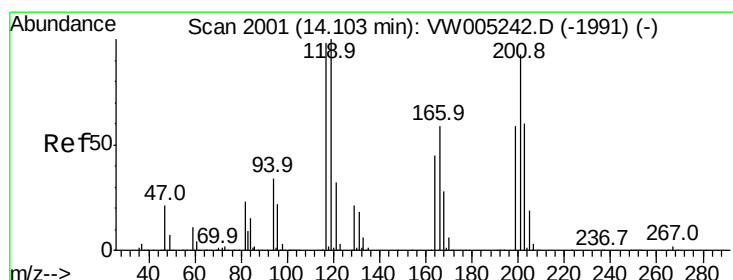
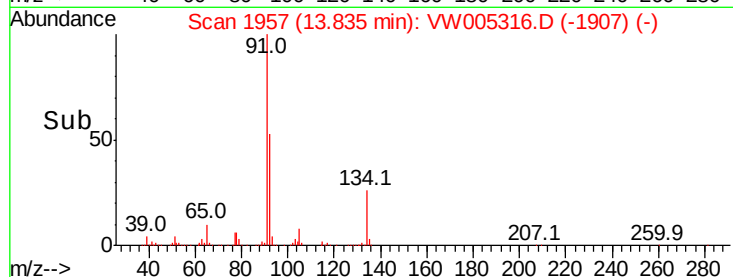
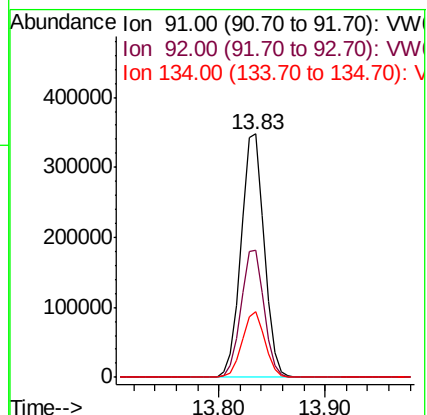
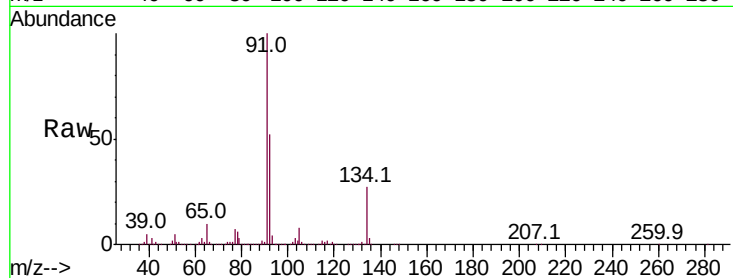
Tot Ion: 91 Resp: 529686

Ion Ratio Lower Upper

91 100

92 52.4 25.8 77.3

134 26.4 13.6 40.8



#90

Hexachloroethane

Concen: 20.386 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005316.D

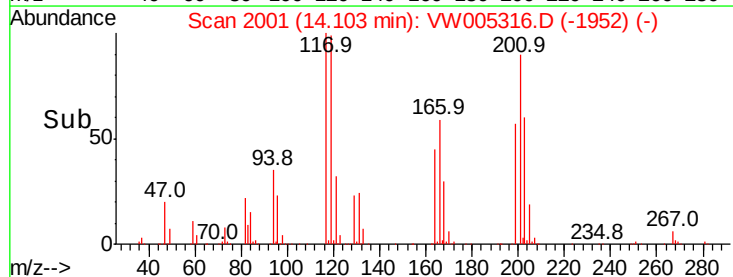
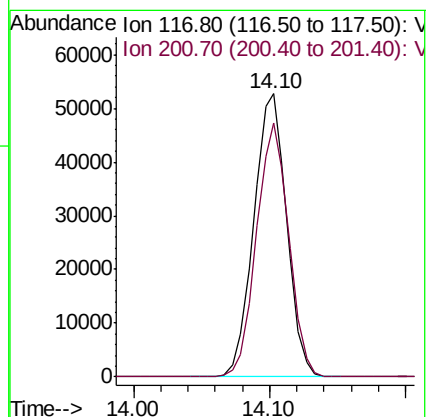
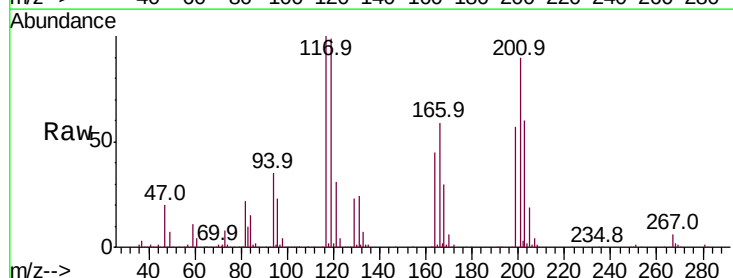
Acq: 12 Sep 2018 10:38

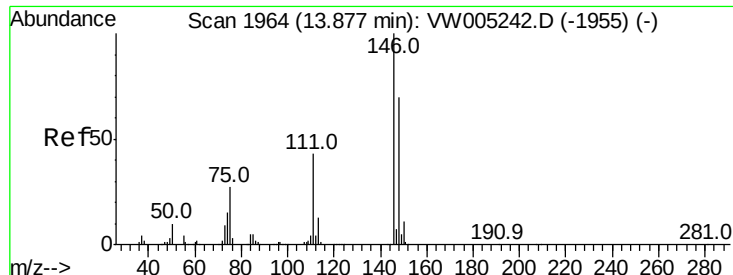
Tgt Ion: 117 Resp: 89424

Ion Ratio Lower Upper

117 100

201 87.5 44.0 132.1

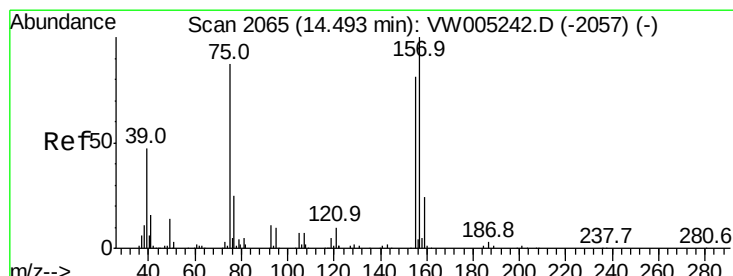
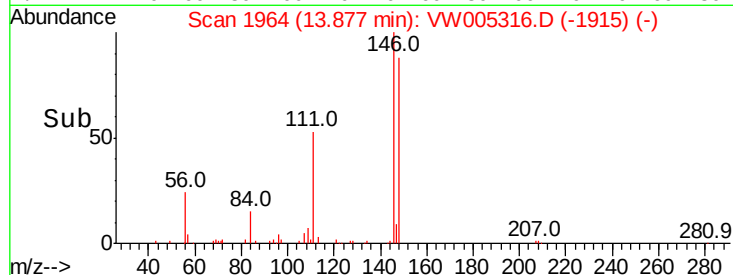
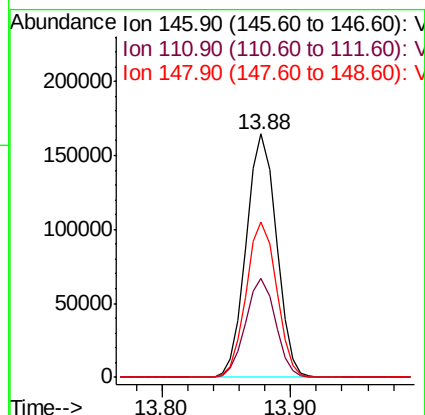
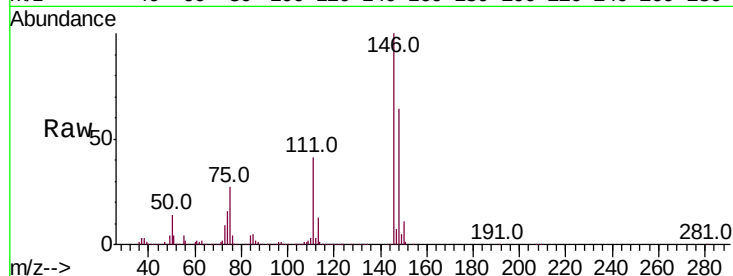




#91
 1,2-Dichlorobenzene
 Concen: 21.262 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

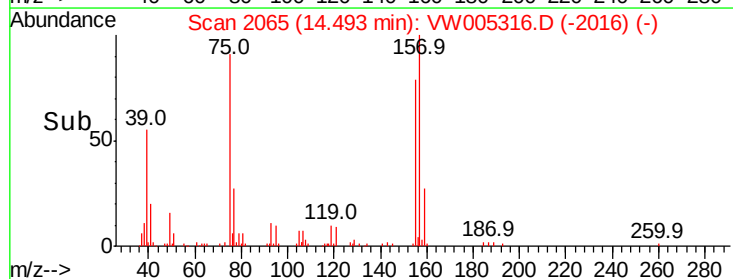
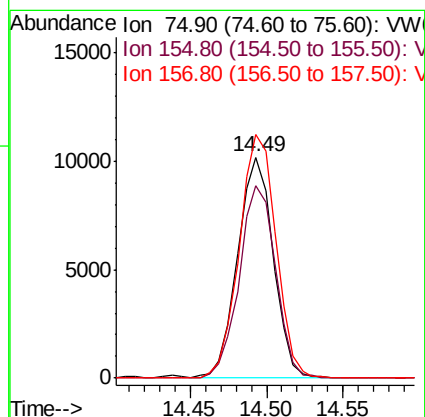
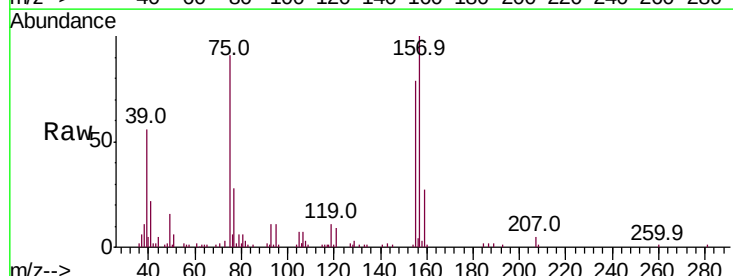
Instrument :
 MSVOA_W
 ClientSampleId :

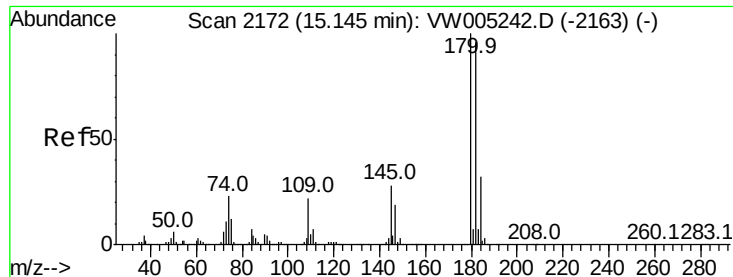
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.5	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.881 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	47.4	142.2
157	113.3	59.4	178.2

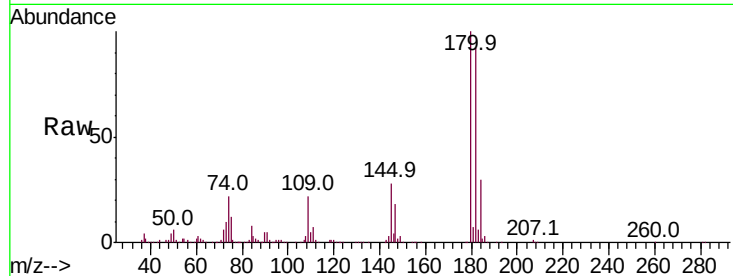




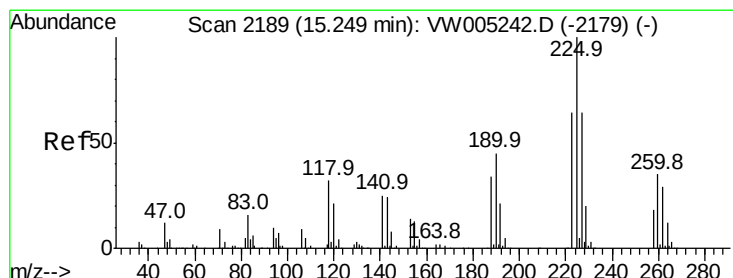
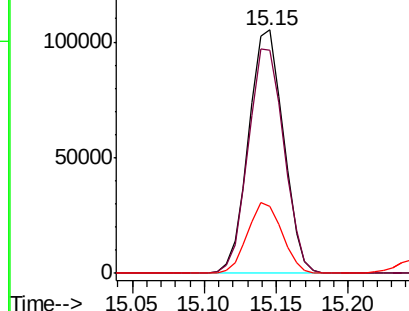
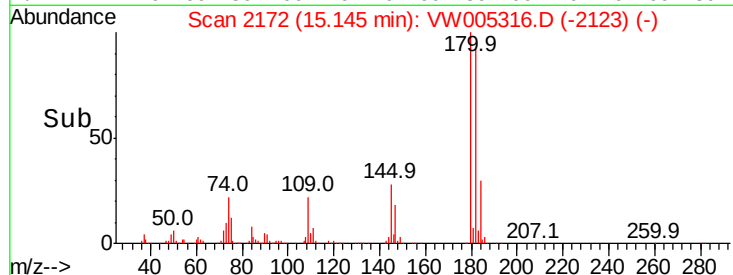
#93
 1,2,4-Trichlorobenzene
 Concen: 19.884 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.1	144.4
145	29.1	14.5	43.6

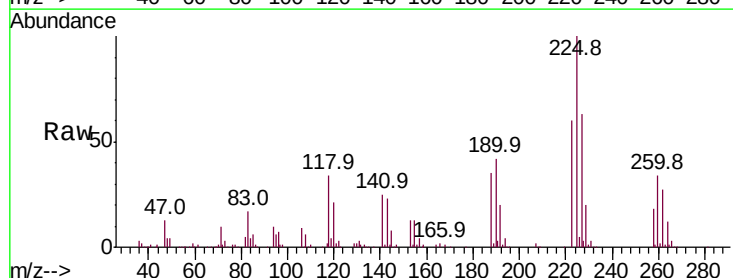


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

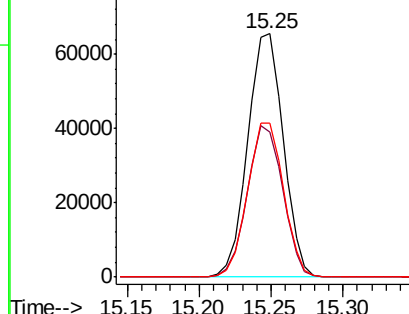
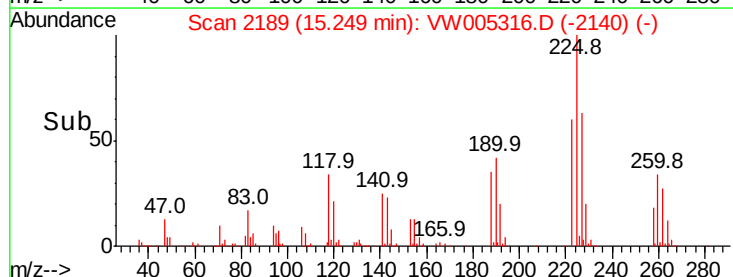


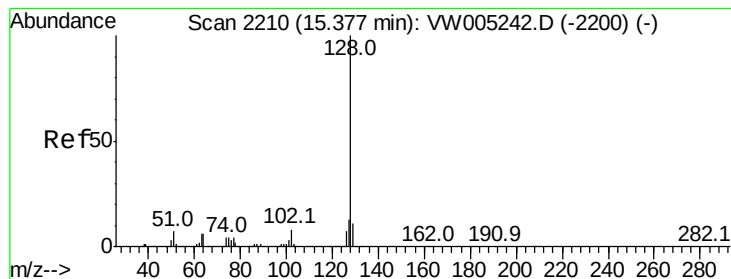
#94
 Hexachlorobutadiene
 Concen: 19.655 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.2
227	63.9	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.018 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

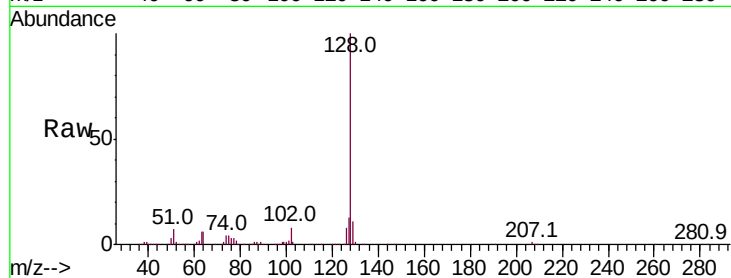
Tot Ion:128 Resp: 288450

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

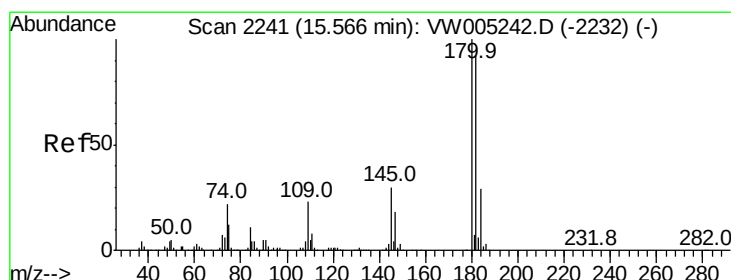
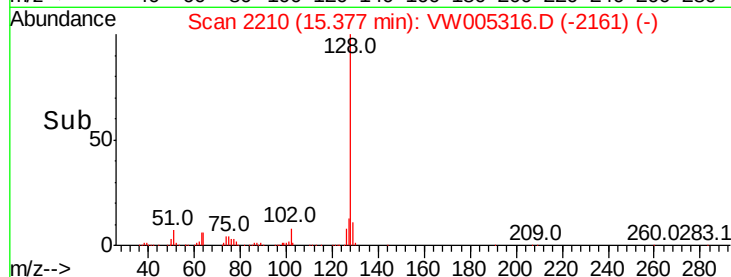
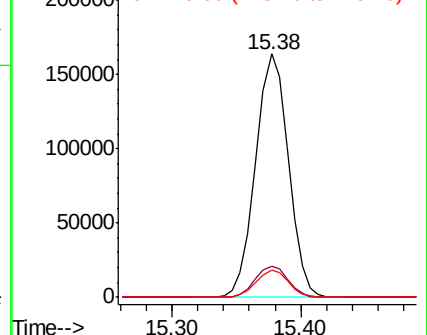
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.848 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

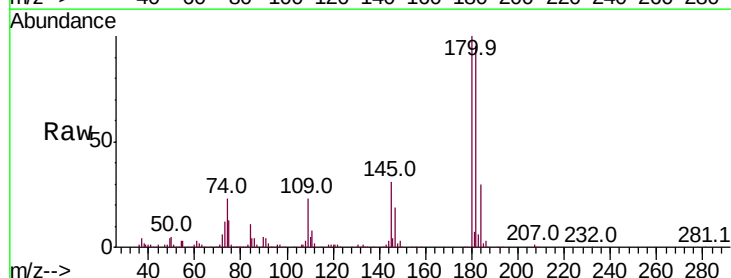
Tgt Ion:180 Resp: 151789

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

145 31.3 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

