

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091419\
 Data File : VW012958.D
 Acq On : 13 Sep 2019 16:55
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 13 17:29:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	299713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	140137	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.88	113	119354	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.32	98	478825	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.62	95	164503	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58241	50.845	ug/l	88
3) Chloromethane	2.21	50	70552	48.802	ug/l	99
4) Vinyl Chloride	2.35	62	94773	44.178	ug/l	98
5) Bromomethane	2.77	94	58535	44.681	ug/l	98
6) Chloroethane	2.92	64	61258	46.558	ug/l	98
7) Trichlorofluoromethane	3.25	101	69952	46.630	ug/l	94
8) Diethyl Ether	3.67	74	54241	46.305	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104374	45.873	ug/l	98
10) Methyl Iodide	4.26	142	133040	46.722	ug/l	99
11) Tert butyl alcohol	5.16	59	44492	236.994	ug/l	99
12) 1,1-Dichloroethene	4.03	96	97504	47.131	ug/l	96
13) Acrolein	3.89	56	50978	249.813	ug/l	97
14) Allyl chloride	4.66	41	189119	48.153	ug/l	99
15) Acrylonitrile	5.36	53	145041	242.432	ug/l	99
16) Acetone	4.11	43	169954	285.752	ug/l	100
17) Carbon Disulfide	4.37	76	184378	44.722	ug/l	96
18) Methyl Acetate	4.66	43	70675	44.815	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	198436	48.592	ug/l	96
20) Methylene Chloride	4.90	84	107154	47.675	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	102291	46.165	ug/l	98
22) Diisopropyl ether	6.30	45	397106	48.671	ug/l	98
23) Vinyl Acetate	6.24	43	1226478	250.979	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220378	46.847	ug/l	99
25) 2-Butanone	7.17	43	216764	246.273	ug/l	99
26) 2,2-Dichloropropane	7.16	77	148551	49.735	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	125528	47.320	ug/l	99
28) Bromochloromethane	7.51	49	99758	50.383	ug/l	100
29) Tetrahydrofuran	7.52	42	123785	246.825	ug/l	99
30) Chloroform	7.67	83	221208	46.279	ug/l	100
31) Cyclohexane	7.95	56	173381	49.014	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	183415	46.596	ug/l	98
36) 1,1-Dichloropropene	8.08	75	160074	45.541	ug/l	100
37) Ethyl Acetate	7.24	43	87280	46.782	ug/l	99
38) Carbon Tetrachloride	8.07	117	165729	46.010	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177019	45.960	ug/l	98
40) Benzene	8.32	78	451380	46.001	ug/l	100
41) Methacrylonitrile	7.48	41	60207	49.004	ug/l	94
42) 1,2-Dichloroethane	8.40	62	154463	46.959	ug/l	99
43) Isopropyl Acetate	8.42	43	174019	48.579	ug/l	100
44) Trichloroethene	9.09	130	121023	45.028	ug/l	97
45) 1,2-Dichloropropane	9.37	63	122900	47.142	ug/l	100
46) Dibromomethane	9.46	93	58400	46.757	ug/l	99
47) Bromodichloromethane	9.64	83	168094	47.979	ug/l	98
48) Methyl methacrylate	9.43	41	81474	48.463	ug/l	99
49) 1,4-Dioxane	9.45	88	18836	900.002	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	447783	242.126	ug/l	100
52) Toluene	10.38	92	292889	46.973	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	169158	48.008	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	195542	48.503	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90814	47.728	ug/l	97
56) Ethyl methacrylate	10.64	69	125620	49.048	ug/l	98
57) 1,3-Dichloropropane	10.93	76	160078	47.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	332475	241.998	ug/l	100
59) 2-Hexanone	10.96	43	322003	250.052	ug/l	99
60) Dibromochloromethane	11.13	129	109402	47.558	ug/l	98
61) 1,2-Dibromoethane	11.23	107	80342	46.287	ug/l	95
64) Tetrachloroethene	10.86	164	101995	45.738	ug/l	99
65) Chlorobenzene	11.66	112	317707	47.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	121869	47.629	ug/l	99
67) Ethyl Benzene	11.73	91	591258	47.947	ug/l	100
68) m/p-Xylenes	11.83	106	427207	94.832	ug/l	99
69) o-Xylene	12.16	106	204709	48.470	ug/l	100
70) Styrene	12.18	104	364071	48.459	ug/l	100
71) Bromoform	12.35	173	66301	49.330	ug/l	99
73) Isopropylbenzene	12.46	105	593171	47.543	ug/l	100
74) N-amyl acetate	12.27	43	155666	48.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	103543	47.251	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	142743	86.575	ug/l #	100
77) Bromobenzene	12.74	156	136718	47.566	ug/l	98
78) n-propylbenzene	12.80	91	701611	47.806	ug/l	100
79) 2-Chlorotoluene	12.89	91	401479	47.587	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	499127	47.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35801	49.257	ug/l	99
82) 4-Chlorotoluene	12.99	91	419210	47.093	ug/l	100
83) tert-Butylbenzene	13.21	119	449907	47.653	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	497544	47.702	ug/l	100
85) sec-Butylbenzene	13.38	105	607398	47.220	ug/l	100
86) p-Isopropyltoluene	13.49	119	560091	47.426	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	265637	46.685	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	262581	46.961	ug/l	99
89) n-Butylbenzene	13.82	91	534356	47.977	ug/l	100
90) Hexachloroethane	14.09	117	98637	46.607	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	240462	48.056	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18644	46.481	ug/l	99

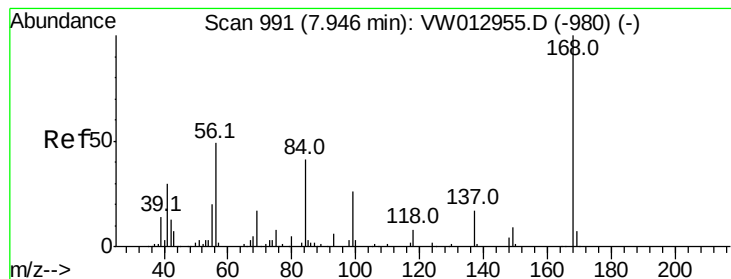
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091419\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178371	49.985	ug/l	99
94) Hexachlorobutadiene	15.24	225	117376	46.463	ug/l	98
95) Naphthalene	15.36	128	308163	51.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	155341	49.245	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

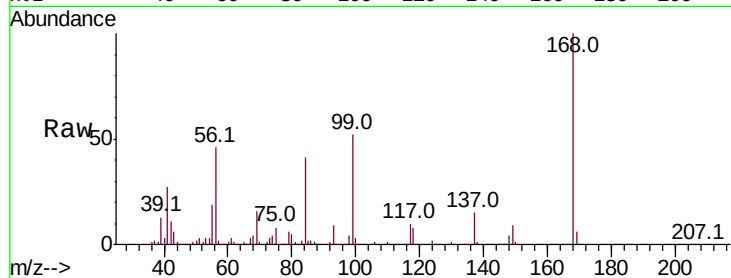
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 299713

Ion Ratio Lower Upper

168 100

99 52.3 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

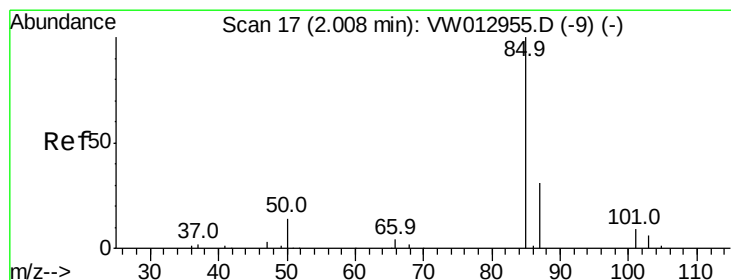
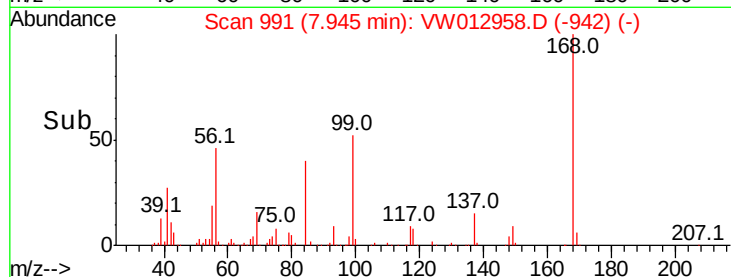
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.845 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012958.D

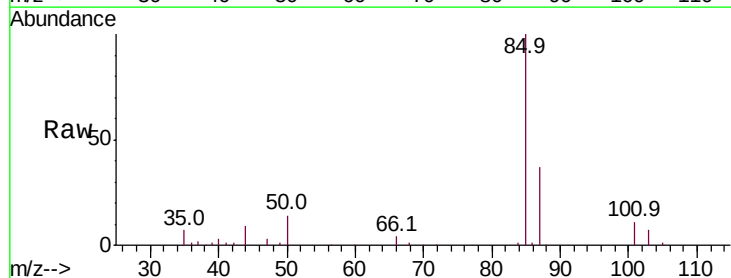
Acq: 13 Sep 2019 16:55

Tgt Ion: 85 Resp: 58241

Ion Ratio Lower Upper

85 100

87 37.2 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

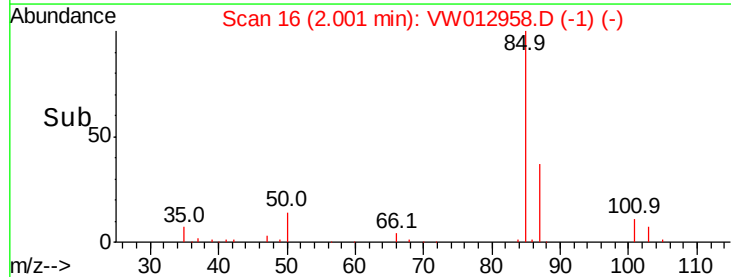
10000

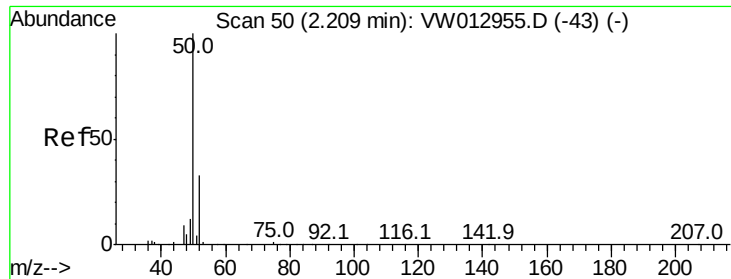
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 48.802 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

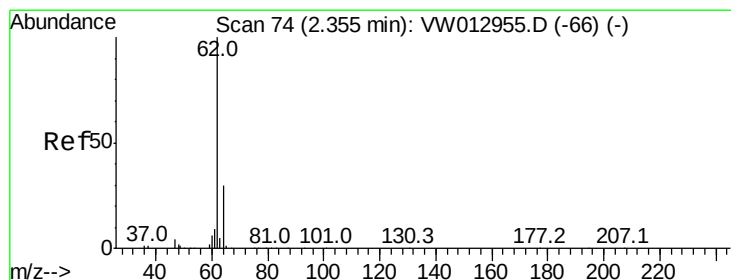
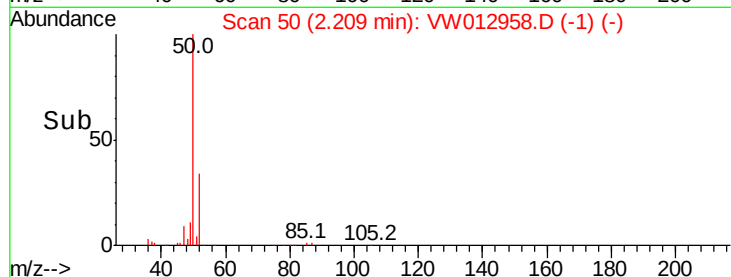
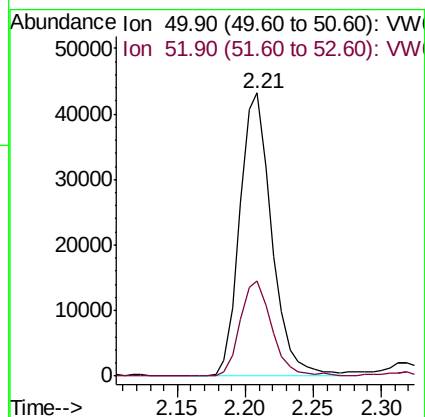
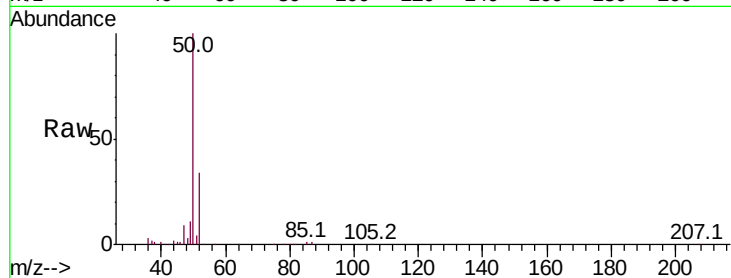
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 70552

Ion Ratio Lower Upper

50 100

52 33.8 26.6 39.8



#4

Vinyl Chloride

Concen: 44.178 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW012958.D

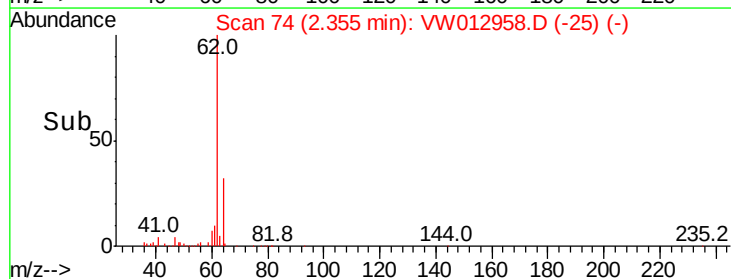
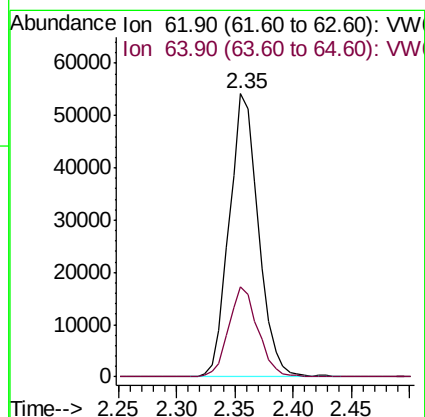
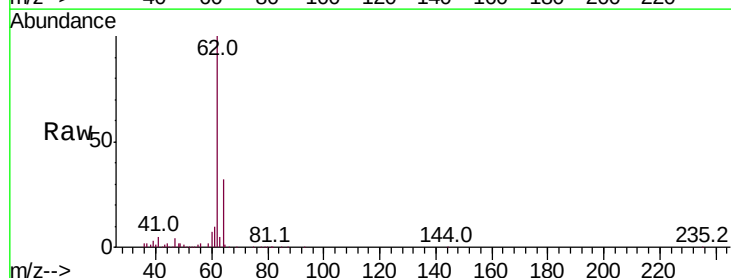
Acq: 13 Sep 2019 16:55

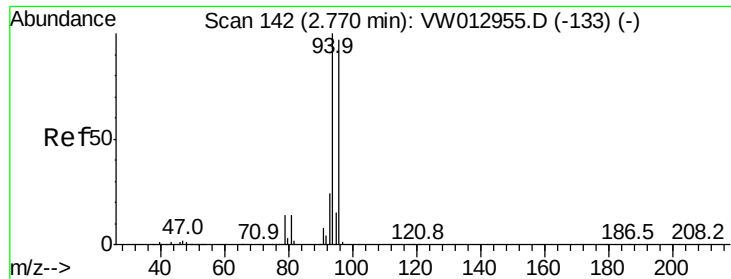
Tgt Ion: 62 Resp: 94773

Ion Ratio Lower Upper

62 100

64 31.6 24.2 36.4





#5

Bromomethane

Concen: 44.681 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

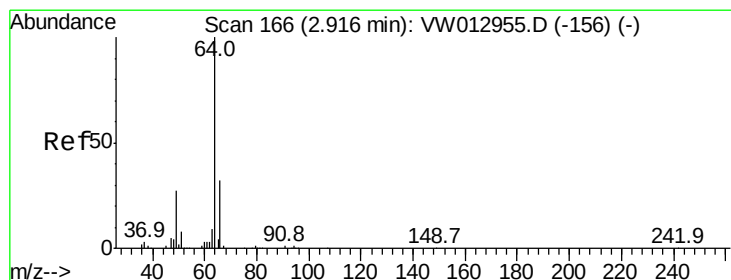
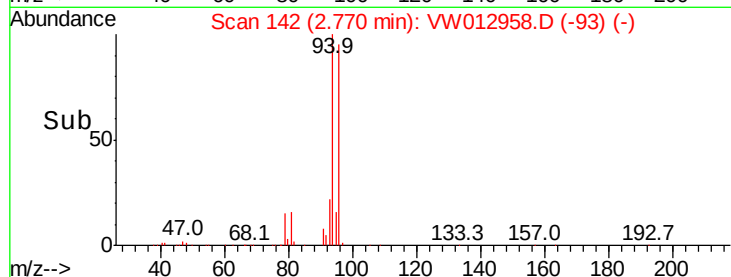
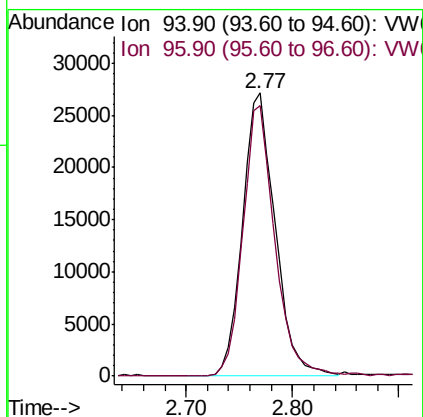
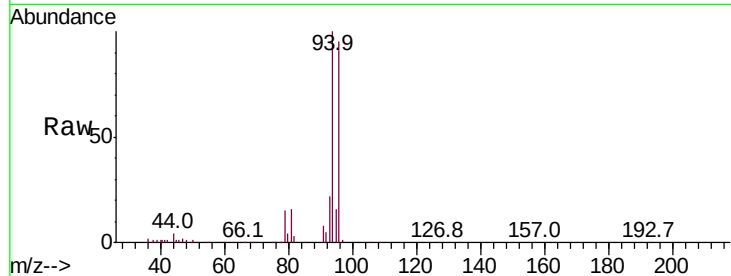
ClientSampleId :

Tot Ion: 94 Resp: 58535

Ion Ratio Lower Upper

94 100

96 95.4 77.8 116.6



#6

Chloroethane

Concen: 46.558 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012958.D

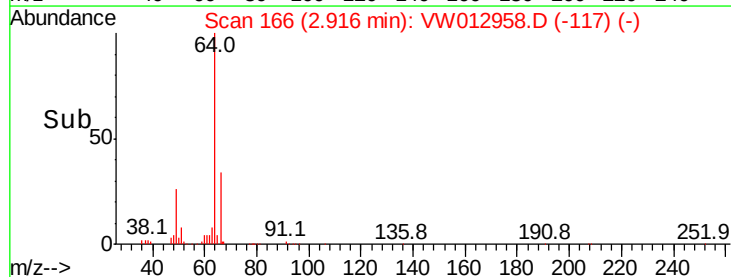
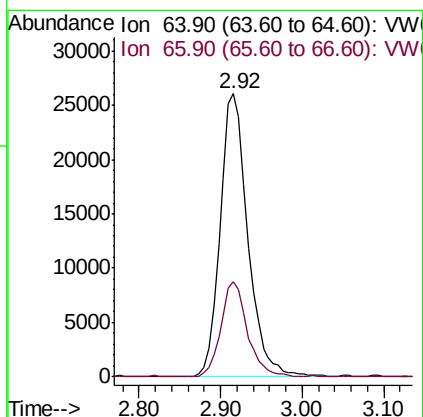
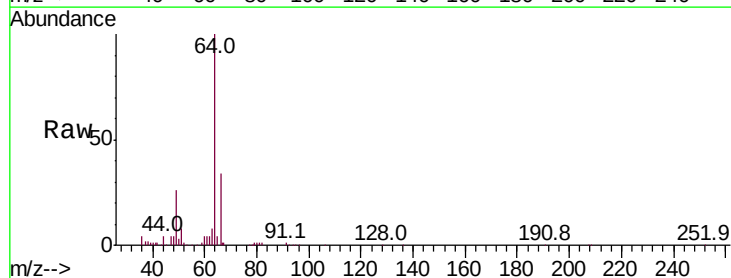
Acq: 13 Sep 2019 16:55

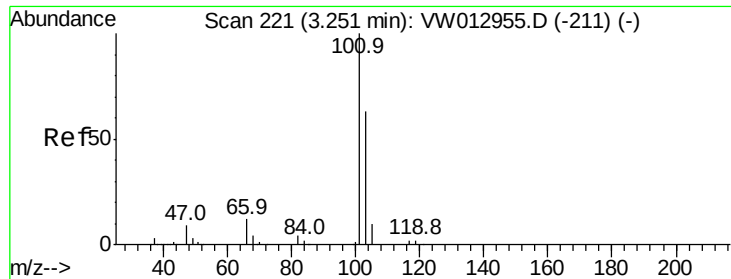
Tgt Ion: 64 Resp: 61258

Ion Ratio Lower Upper

64 100

66 33.3 25.9 38.9



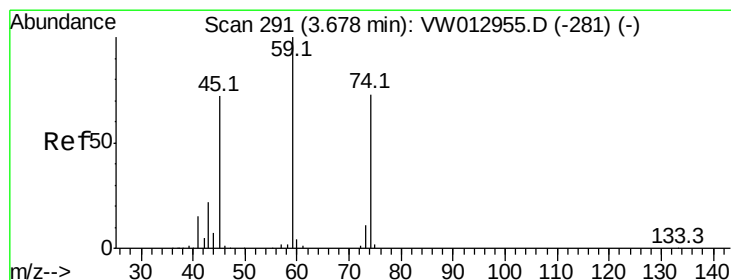
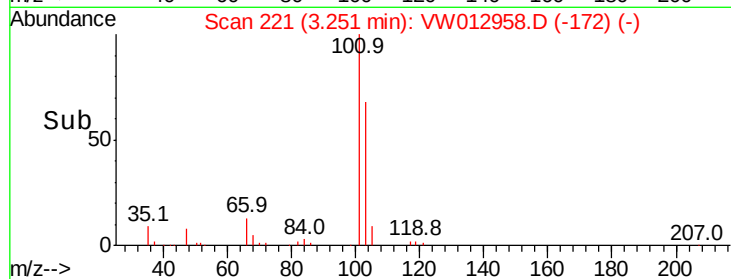
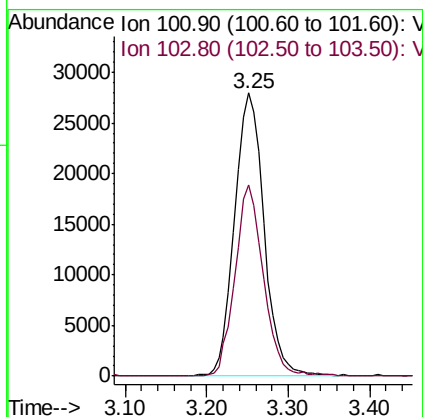
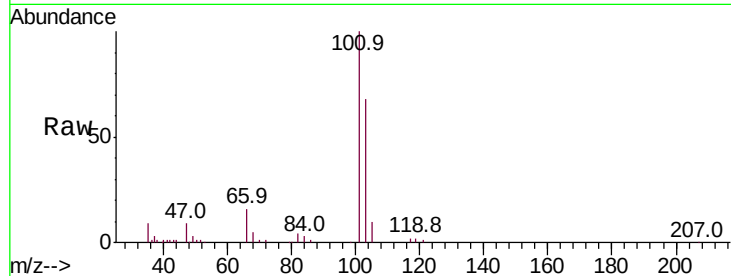


#7

Trichlorofluoromethane
 Concen: 46.630 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :

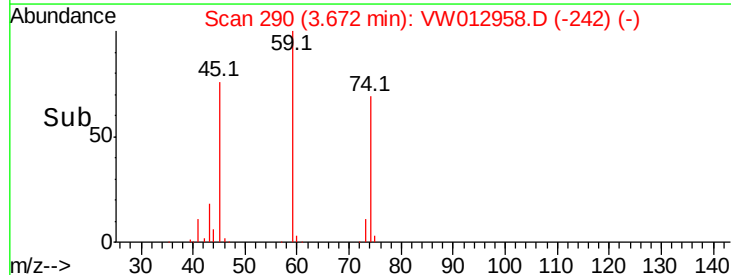
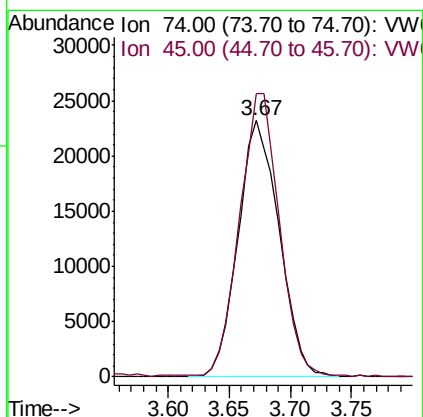
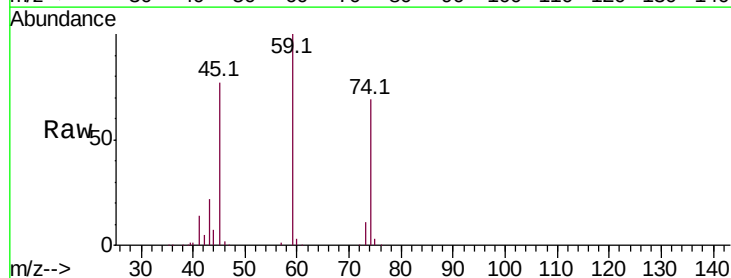
Tot Ion:101 Resp: 69952
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.7 76.1

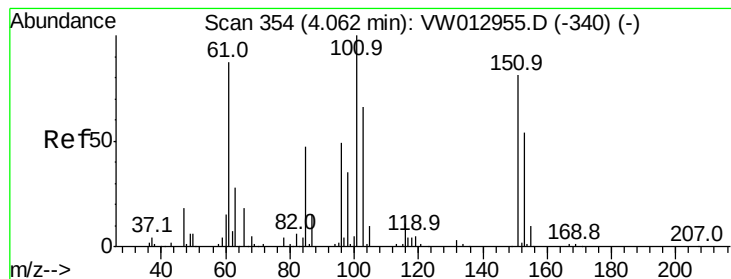


#8

Diethyl Ether
 Concen: 46.305 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 74 Resp: 54241
 Ion Ratio Lower Upper
 74 100
 45 106.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.873 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

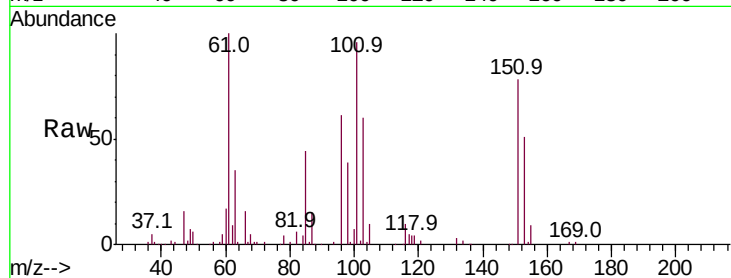
Tot Ion:101 Resp: 104374

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

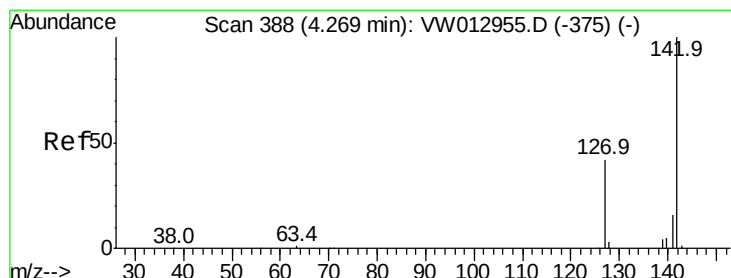
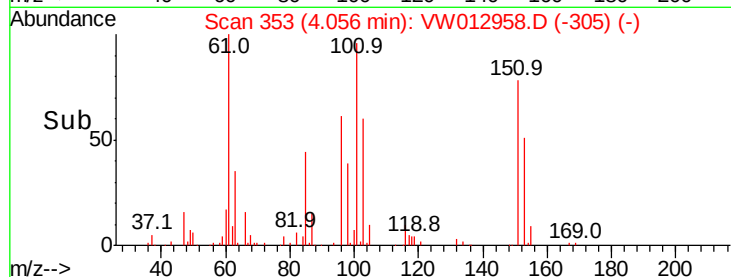
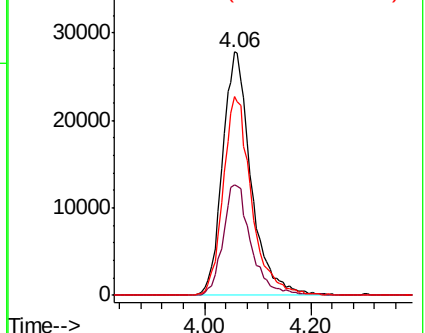
151 80.9 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.722 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

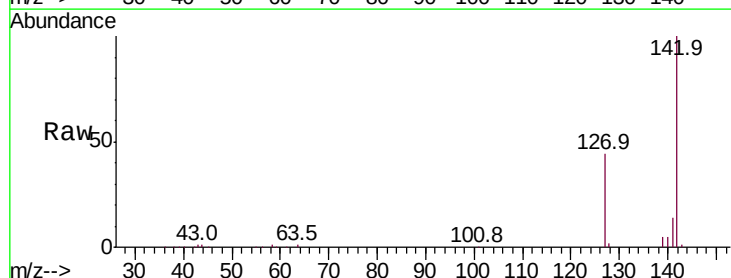
Tgt Ion:142 Resp: 133040

Ion Ratio Lower Upper

142 100

127 42.4 34.7 52.1

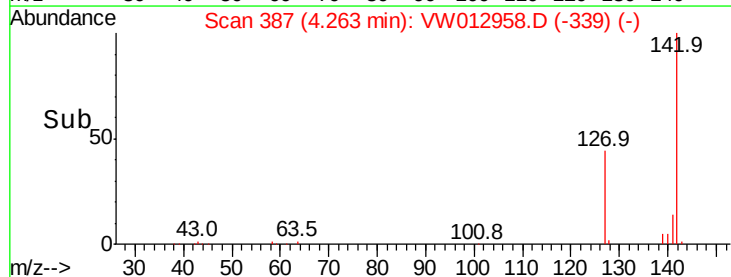
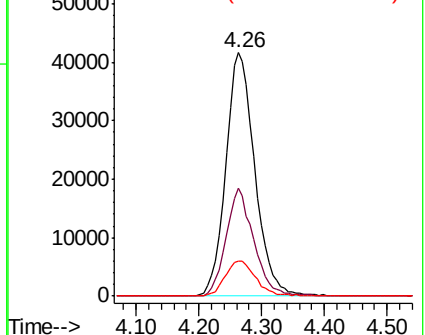
141 15.1 12.2 18.2

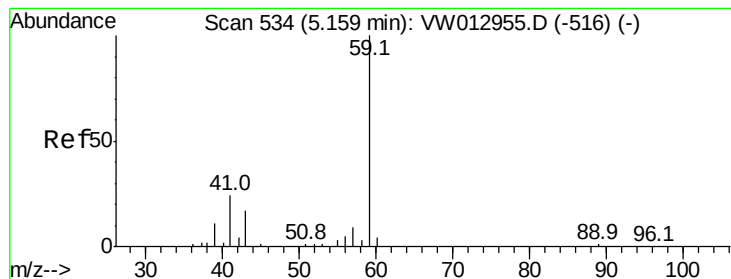


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



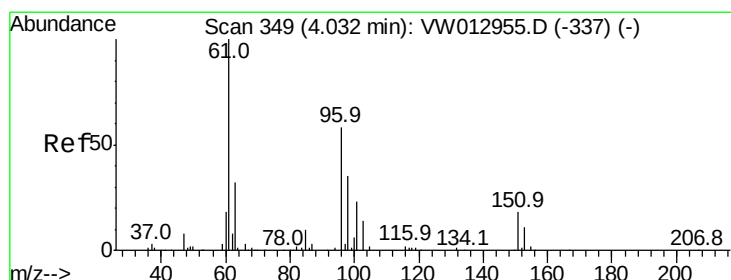
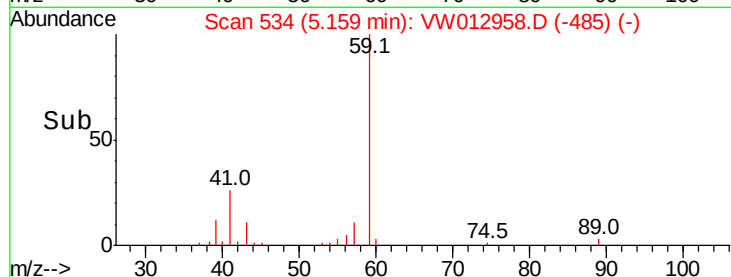
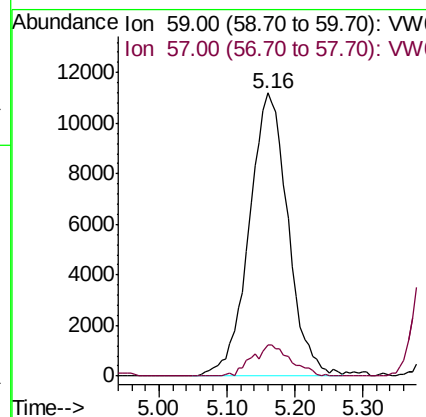
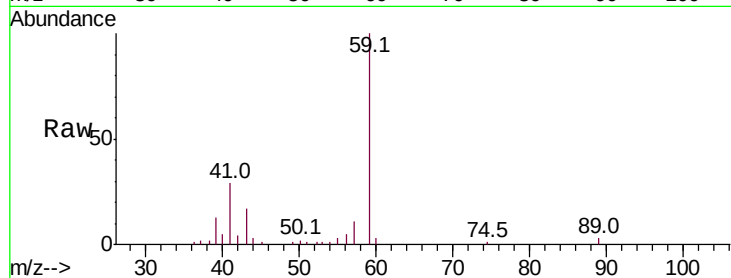


#11

Tert butyl alcohol
 Concen: 236.994 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampled :

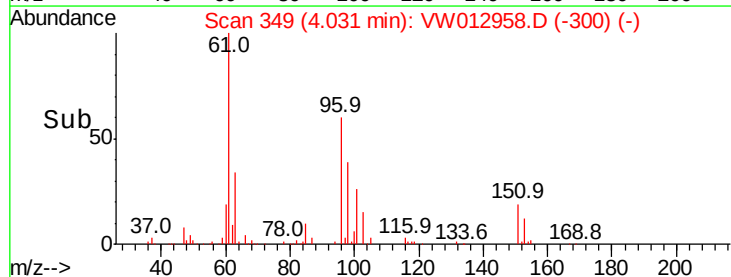
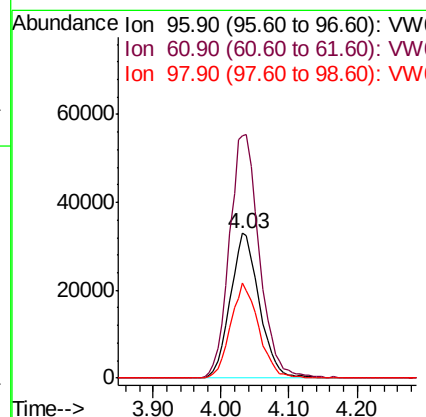
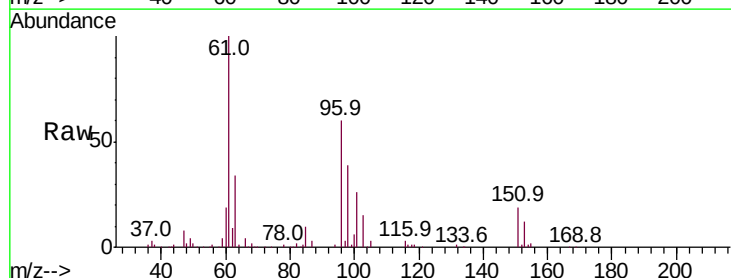
Tot Ion: 59 Resp: 44492
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.5 12.7

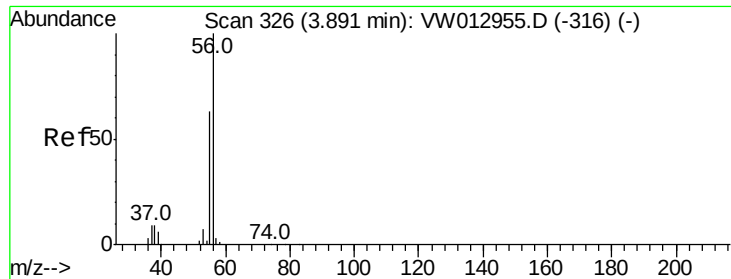


#12

1,1-Dichloroethene
 Concen: 47.131 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 96 Resp: 97504
 Ion Ratio Lower Upper
 96 100
 61 166.9 137.9 206.9
 98 65.5 48.9 73.3

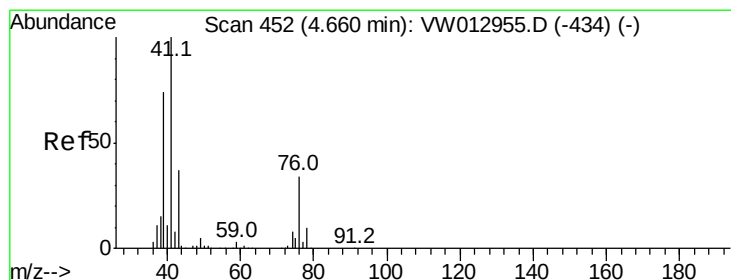
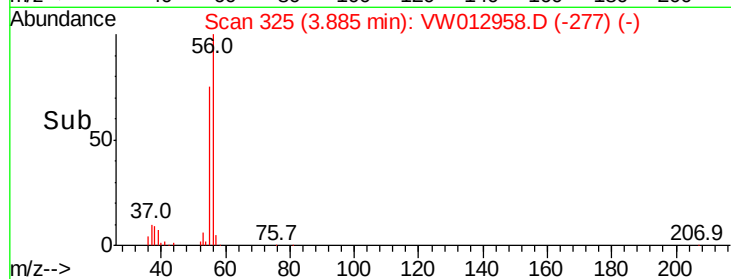
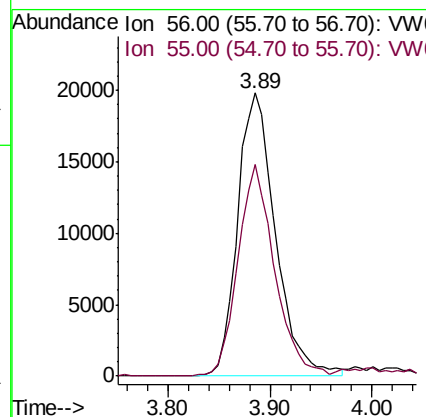
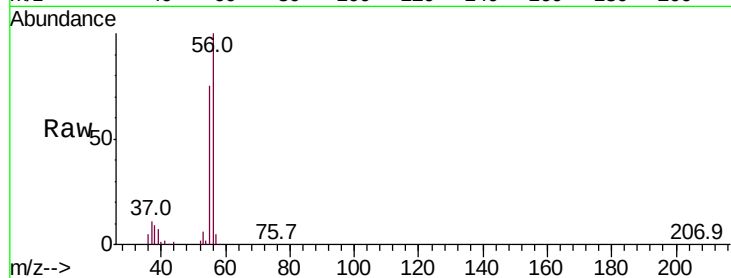




#13
Acrolein
Concen: 249.813 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

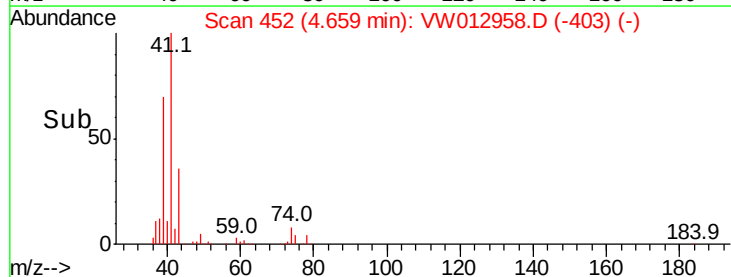
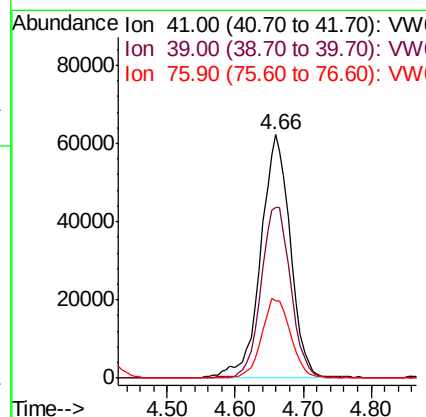
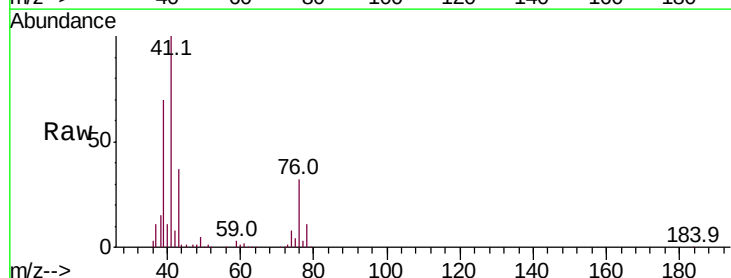
Instrument :
MSVOA_W
ClientSampleId :

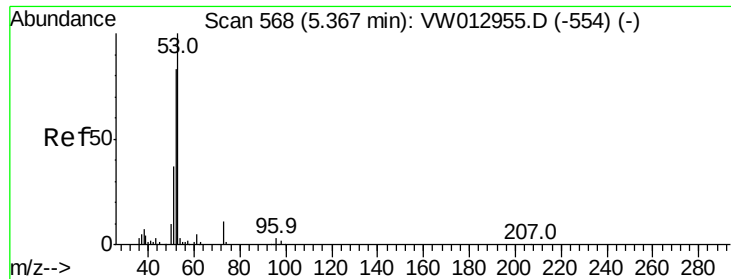
Tot Ion: 56 Resp: 50978
Ion Ratio Lower Upper
56 100
55 72.4 55.8 83.8



#14
Allyl chloride
Concen: 48.153 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 41 Resp: 189119
Ion Ratio Lower Upper
41 100
39 70.6 56.7 85.1
76 32.0 25.1 37.7





#15

Acrylonitrile

Concen: 242.432 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

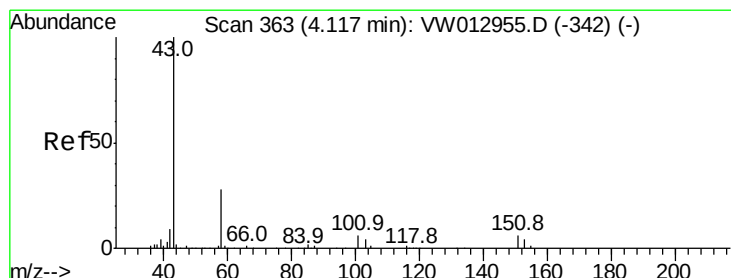
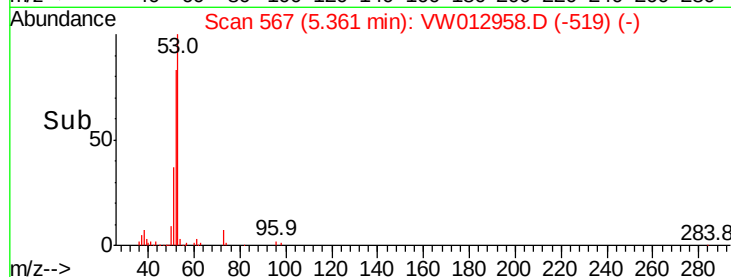
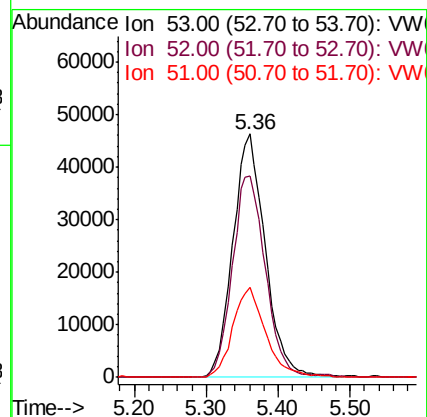
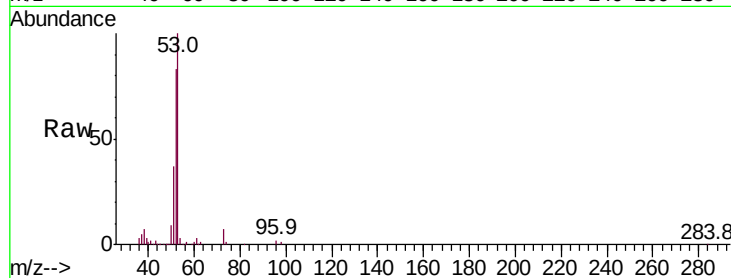
Tot Ion: 53 Resp: 145041

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

51 37.6 29.8 44.8



#16

Acetone

Concen: 285.752 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012958.D

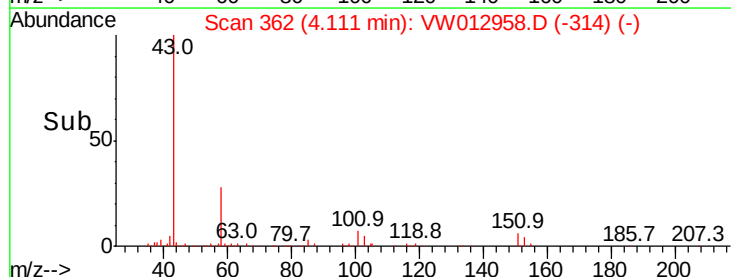
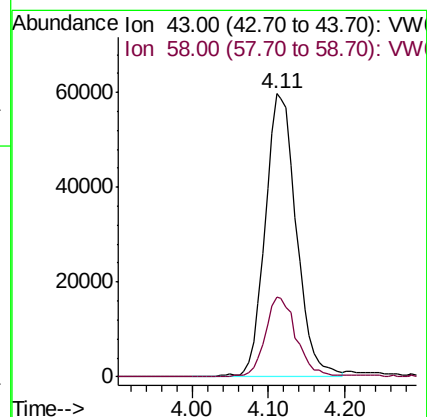
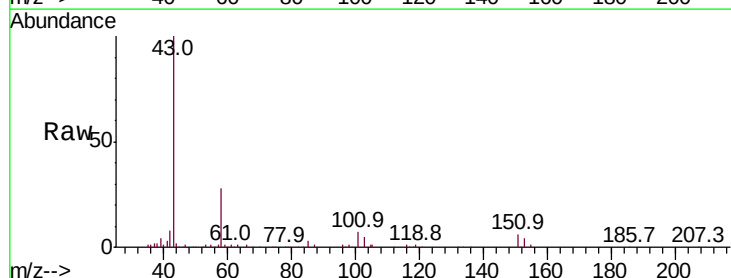
Acq: 13 Sep 2019 16:55

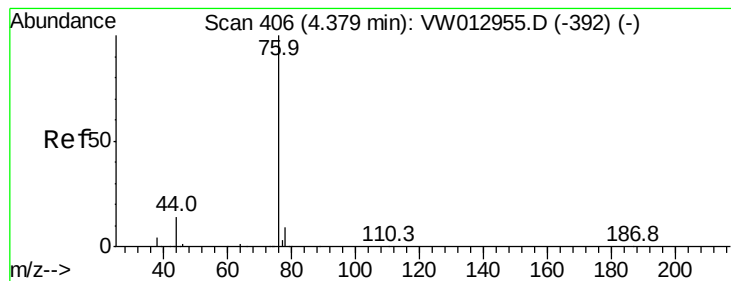
Tgt Ion: 43 Resp: 169954

Ion Ratio Lower Upper

43 100

58 28.0 22.3 33.5





#17

Carbon Disulfide

Concen: 44.722 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

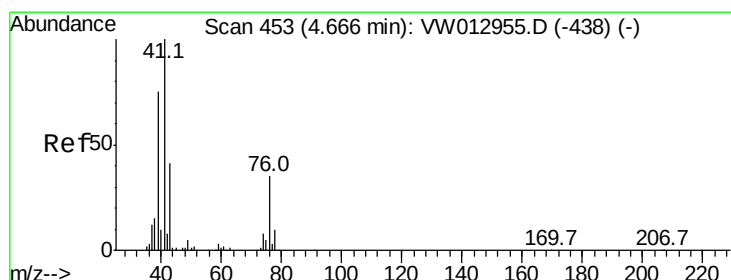
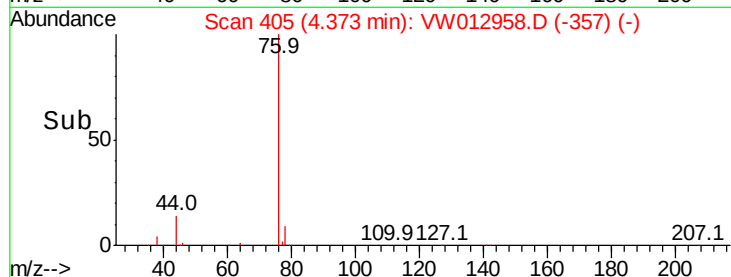
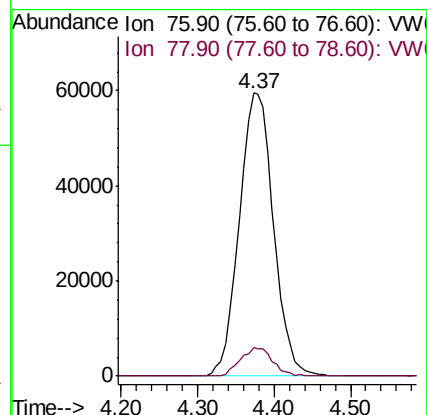
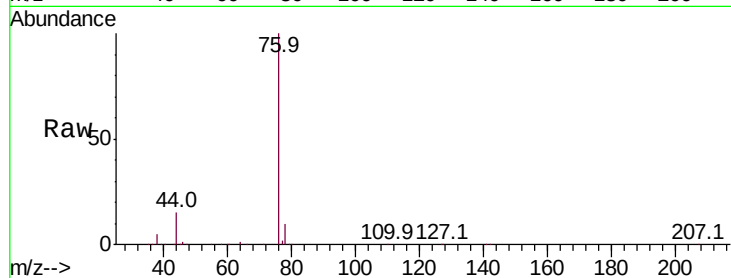
ClientSampleId :

Tot Ion: 76 Resp: 184378

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4



#18

Methyl Acetate

Concen: 44.815 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012958.D

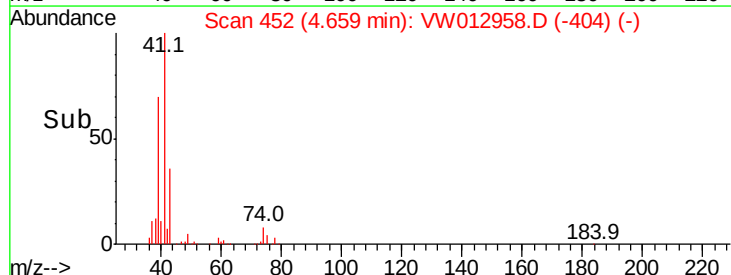
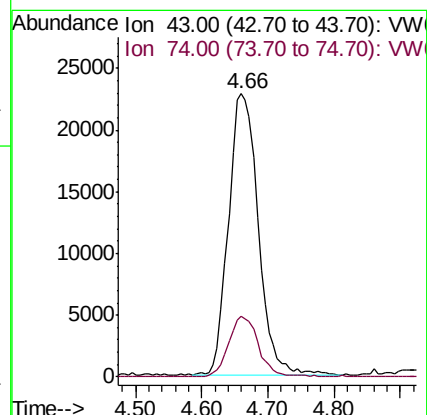
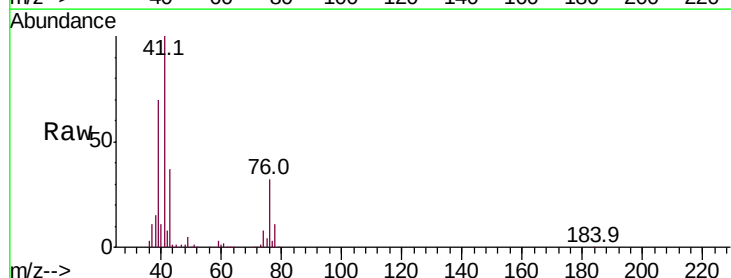
Acq: 13 Sep 2019 16:55

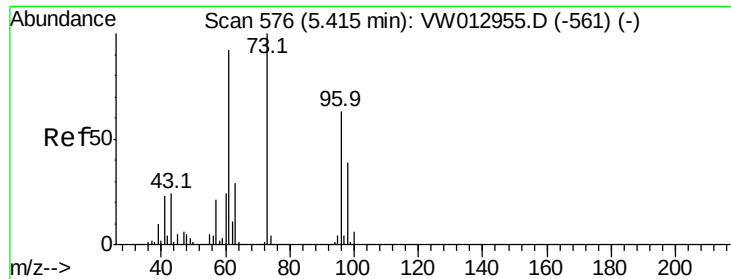
Tgt Ion: 43 Resp: 70675

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8

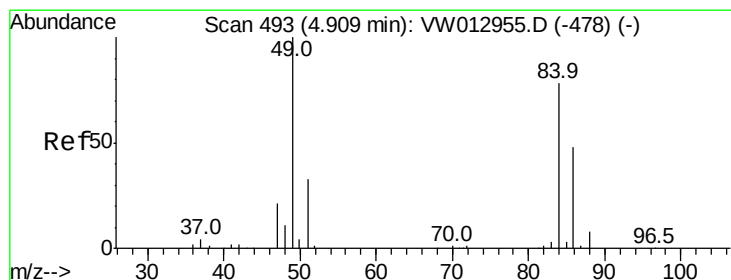
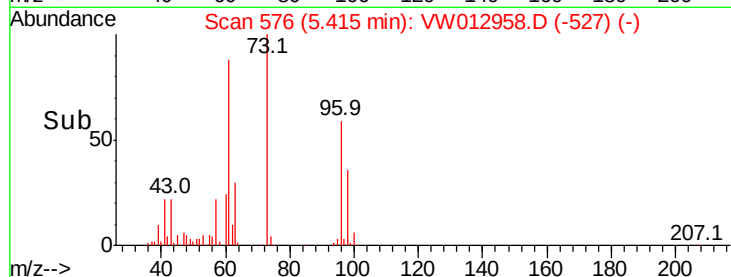
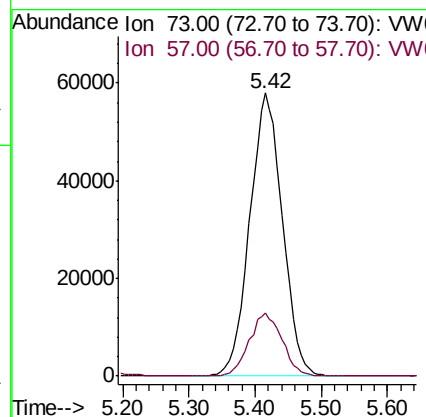
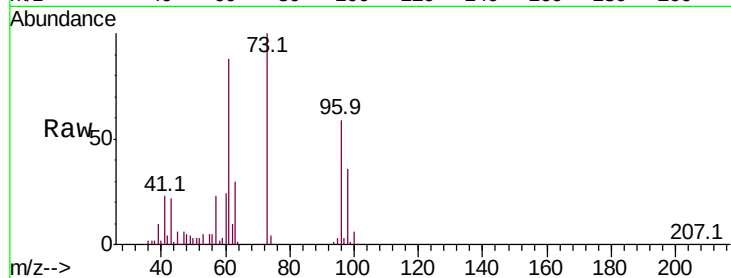




#19
Methyl tert-butyl Ether
Concen: 48.592 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

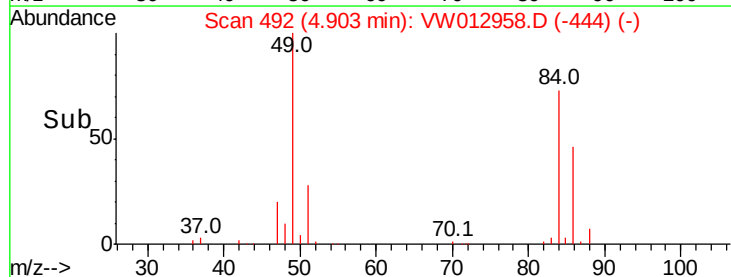
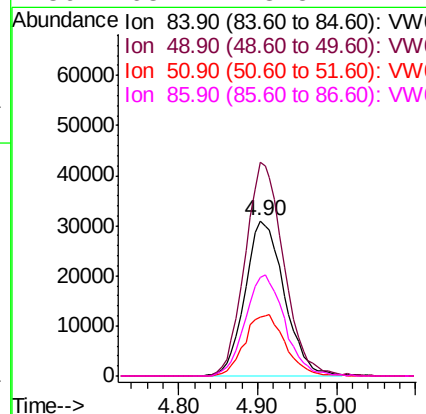
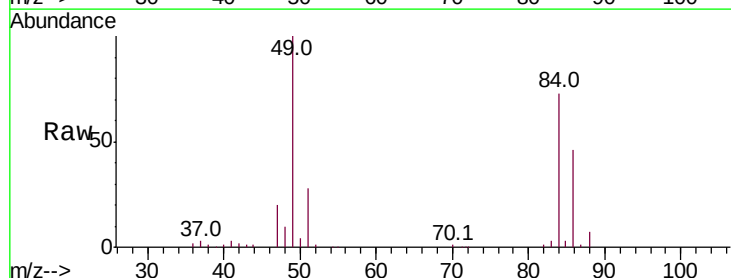
Instrument :
MSVOA_W
ClientSampled :

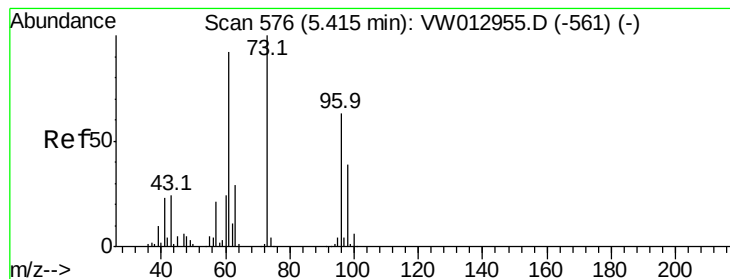
Tot Ion: 73 Resp: 198436
Ion Ratio Lower Upper
73 100
57 22.5 16.4 24.6



#20
Methylene Chloride
Concen: 47.675 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 84 Resp: 107154
Ion Ratio Lower Upper
84 100
49 137.9 102.0 153.0
51 38.2 34.0 51.0
86 63.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 46.165 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

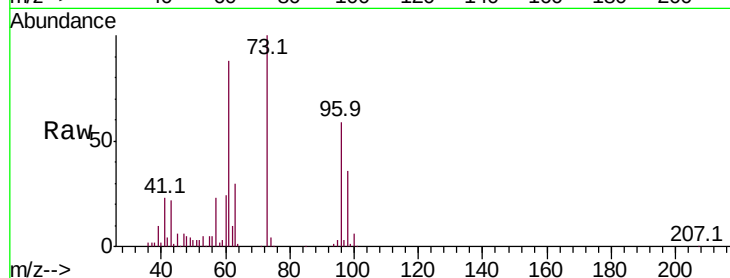
Tot Ion: 96 Resp: 102291

Ion Ratio Lower Upper

96 100

61 148.5 116.2 174.2

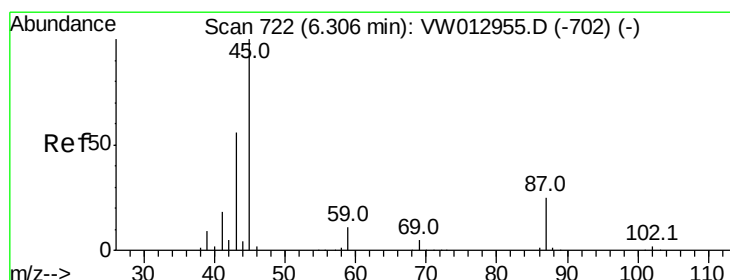
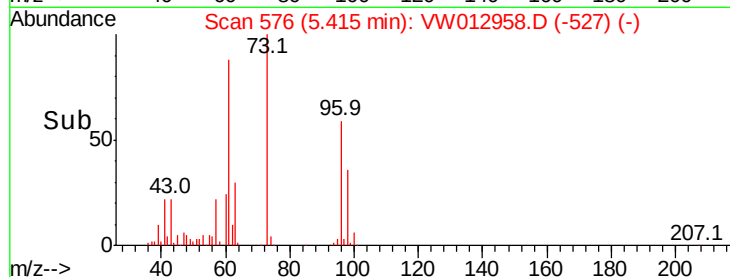
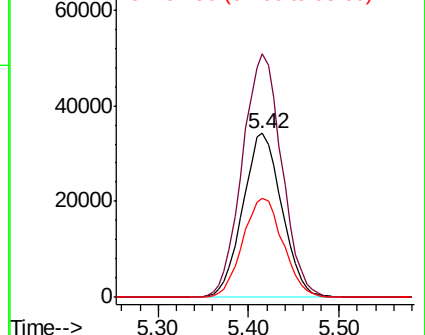
98 60.6 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 48.671 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion: 45 Resp: 397106

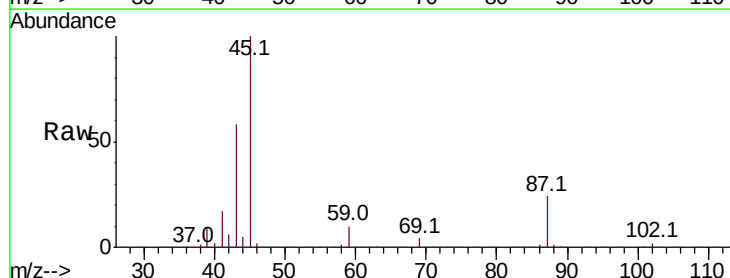
Ion Ratio Lower Upper

45 100

43 57.7 44.6 67.0

87 24.3 20.0 30.0

59 10.3 8.7 13.1

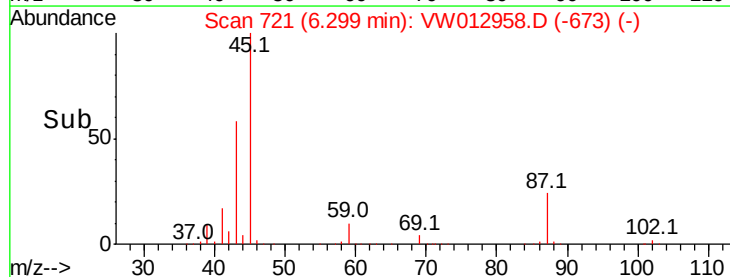
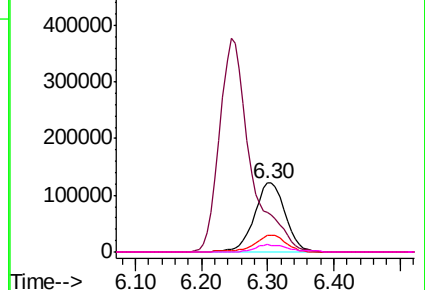


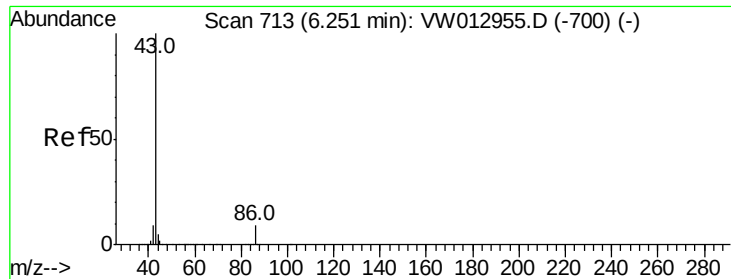
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 250.979 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

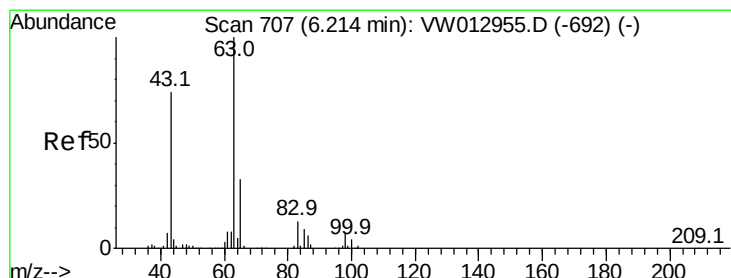
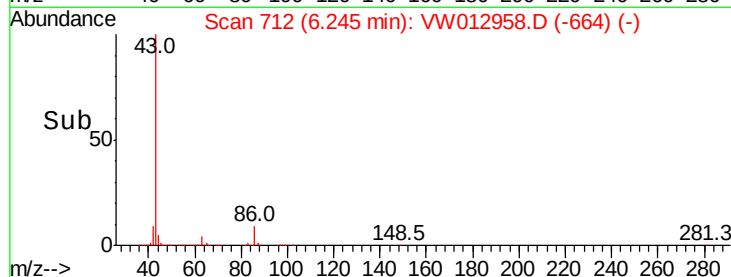
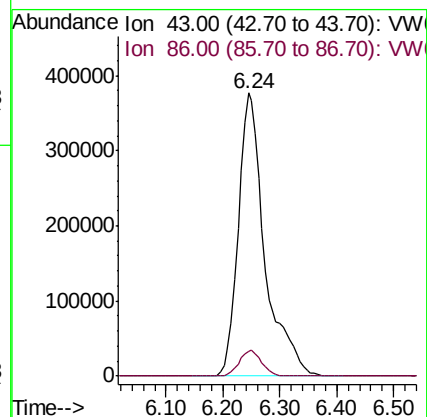
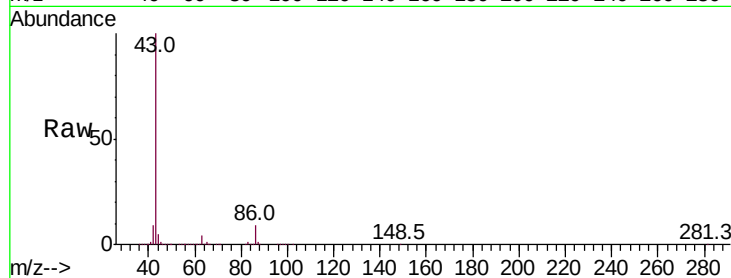
ClientSampleId :

Tot Ion: 43 Resp: 1226478

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 46.847 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

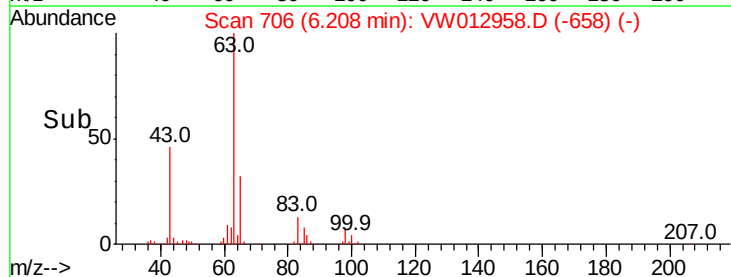
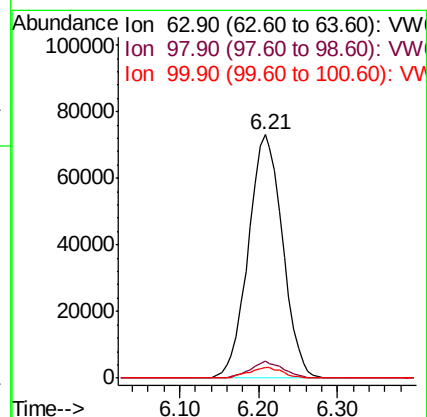
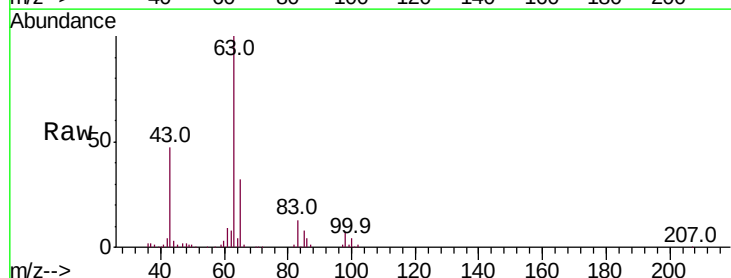
Tgt Ion: 63 Resp: 220378

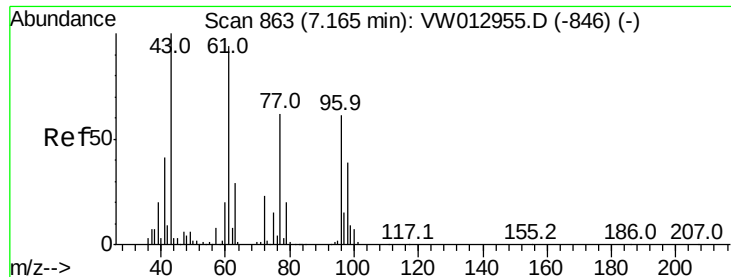
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 246.273 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

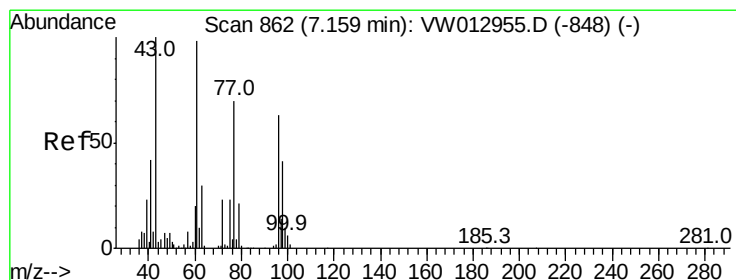
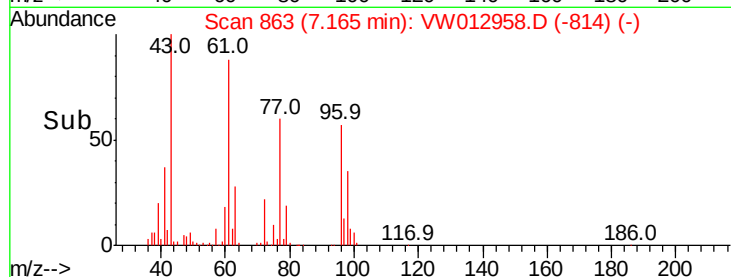
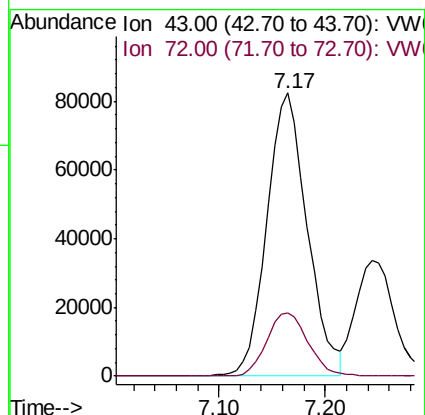
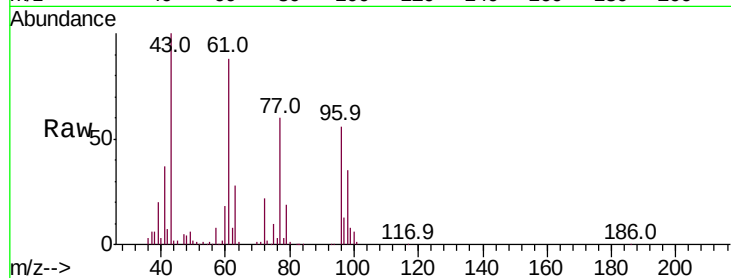
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 216764

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.4



#26

2,2-Dichloropropane

Concen: 49.735 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW012958.D

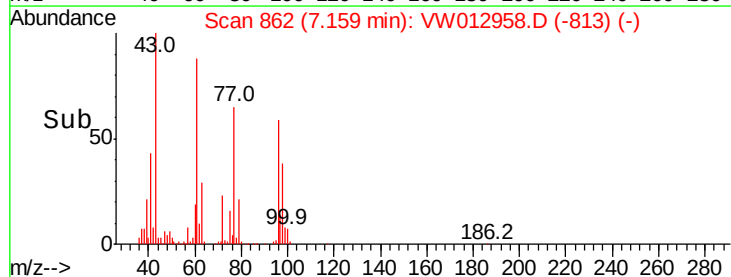
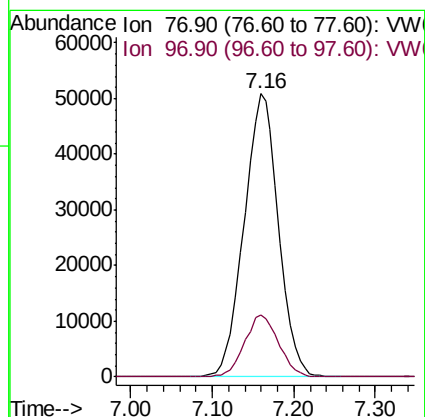
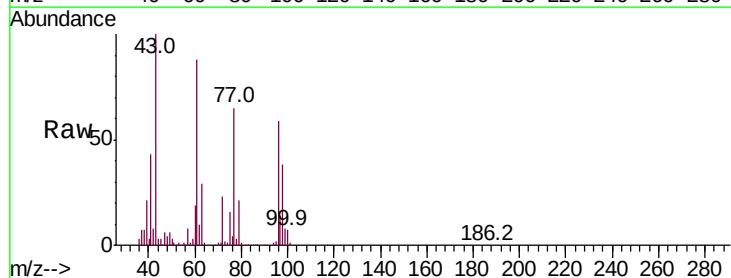
Acq: 13 Sep 2019 16:55

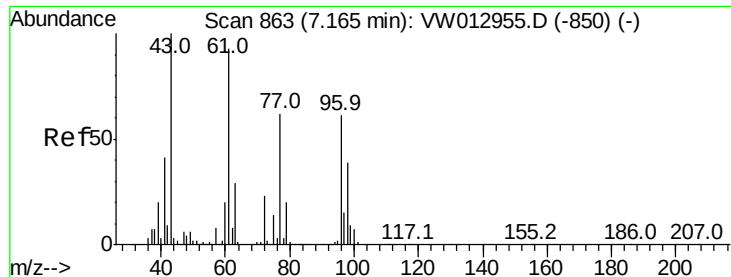
Tgt Ion: 77 Resp: 148551

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1



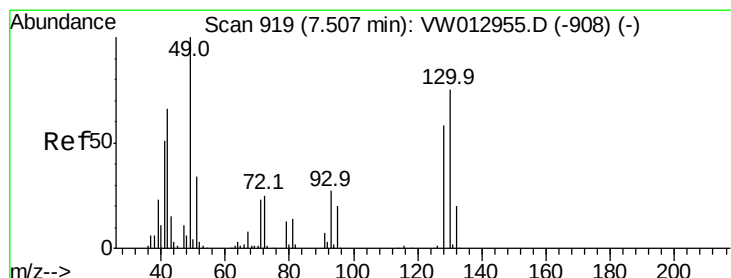
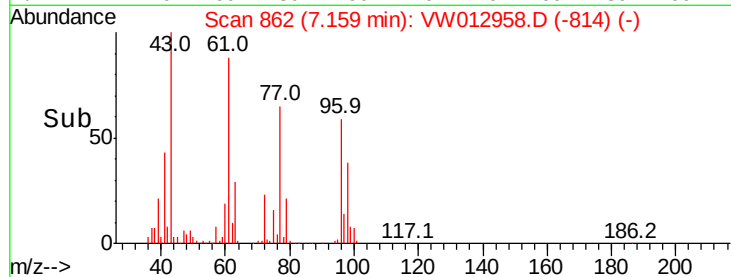
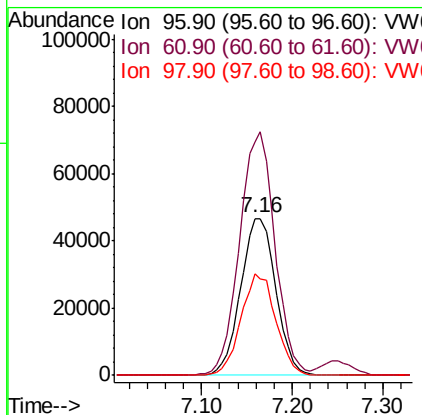
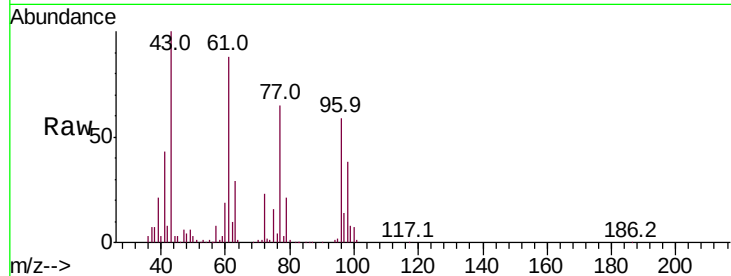


#27

cis-1,2-Dichloroethene
Concen: 47.320 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :

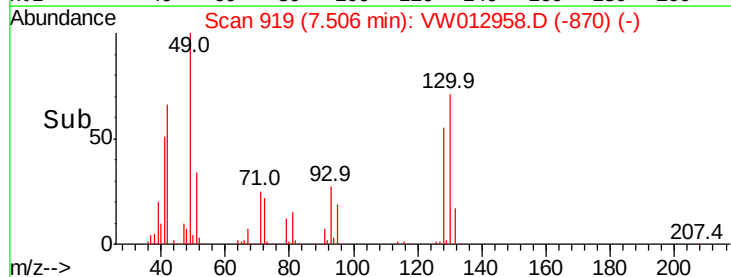
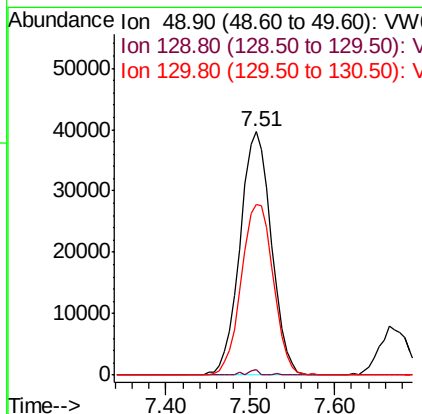
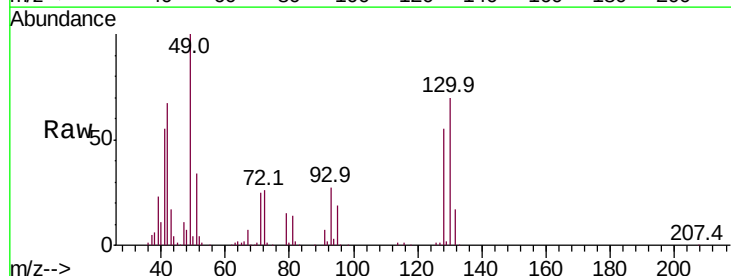
Tot Ion	96	Resp	125528
Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	315.4
98	64.0	0.0	131.0

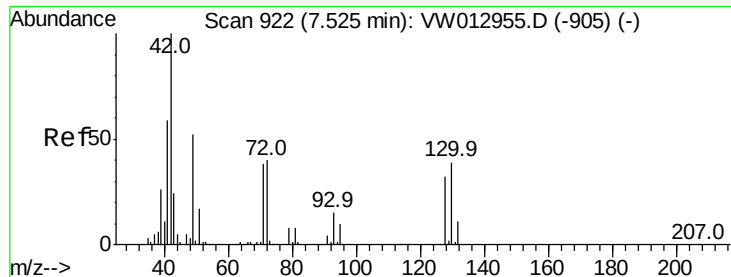


#28

Bromochloromethane
Concen: 50.383 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion	49	Resp	99758
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.4
130	71.9	57.8	86.6

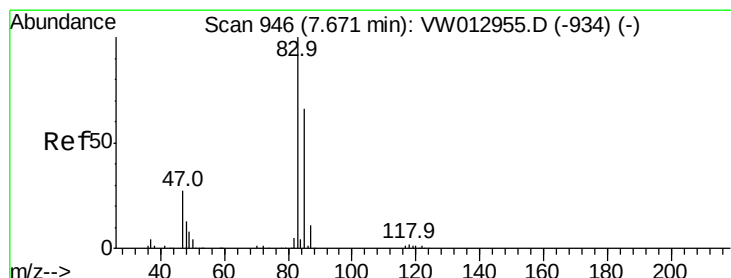
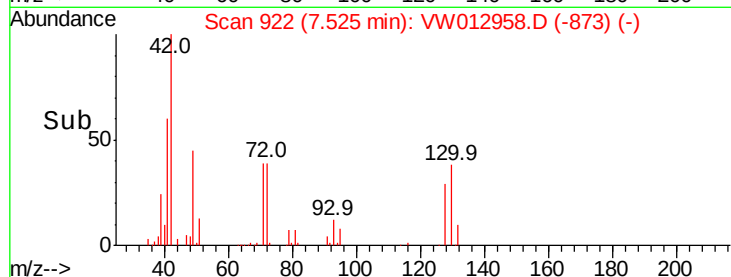
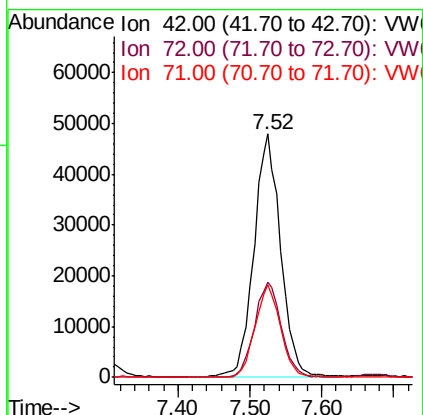
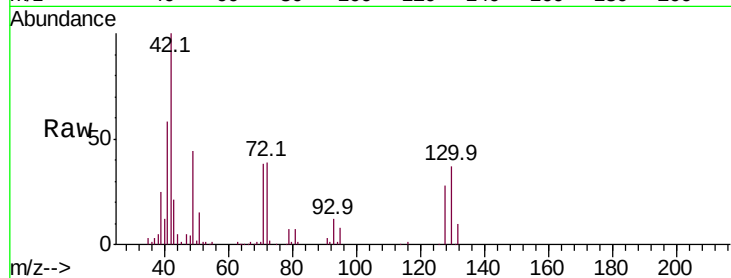




#29
Tetrahydrofuran
Concen: 246.825 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

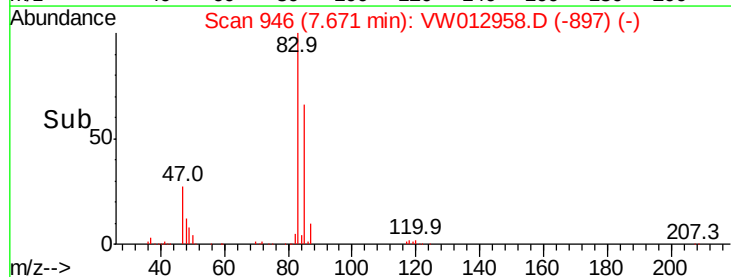
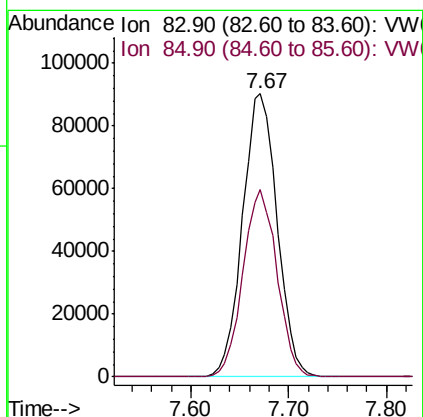
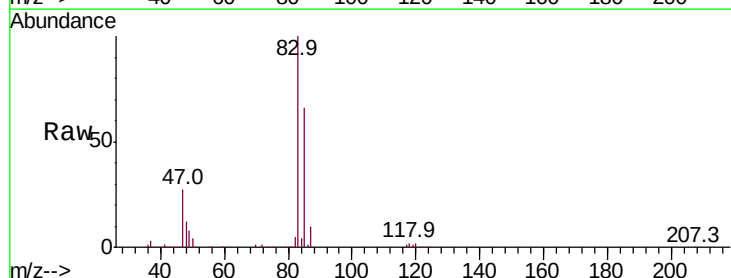
Instrument :
MSVOA_W
ClientSampled :

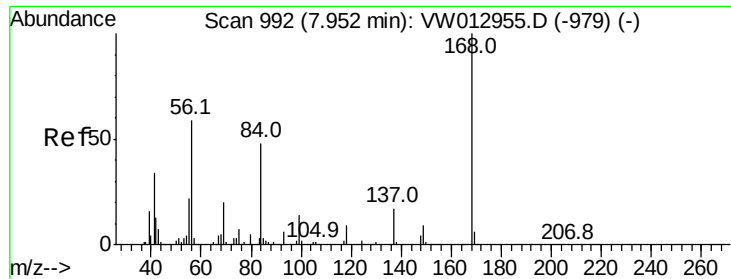
Tot Ion: 42 Resp: 123785
Ion Ratio Lower Upper
42 100
72 39.1 31.4 47.0
71 36.2 29.8 44.8



#30
Chloroform
Concen: 46.279 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 83 Resp: 221208
Ion Ratio Lower Upper
83 100
85 66.3 52.8 79.2

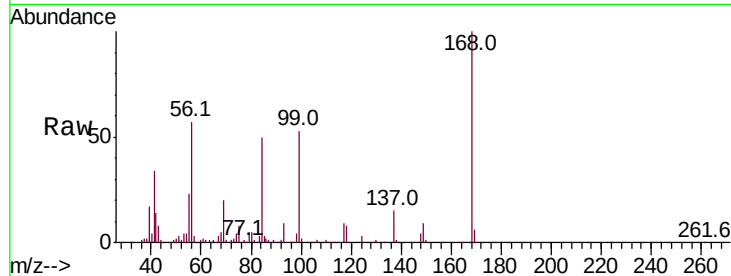




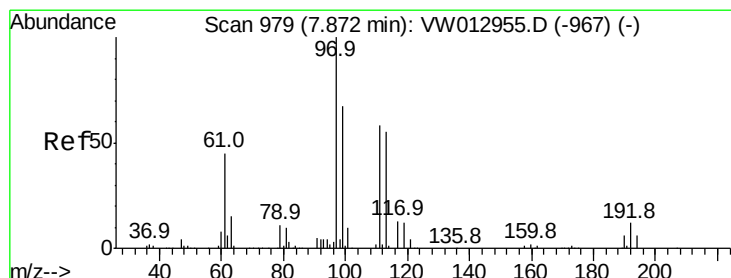
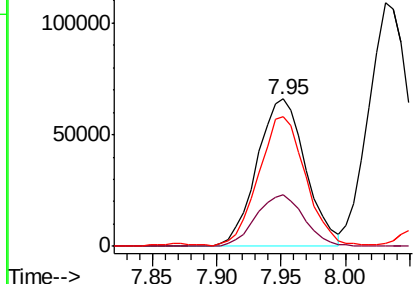
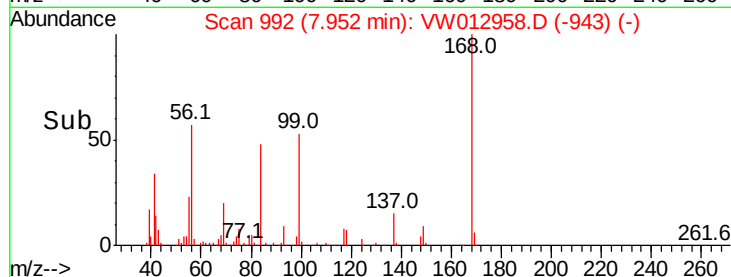
#31
Cyclohexane
Concen: 49.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 173381
Ion Ratio Lower Upper
56 100
69 35.0 27.0 40.6
84 86.7 66.2 99.2

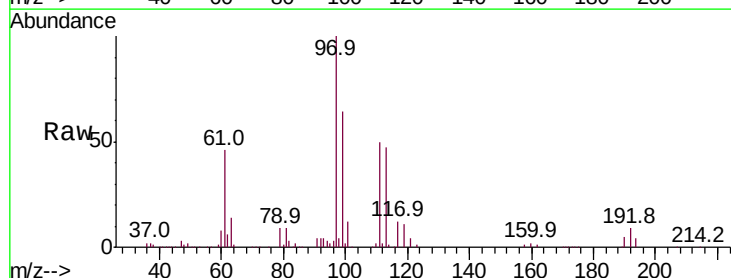


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

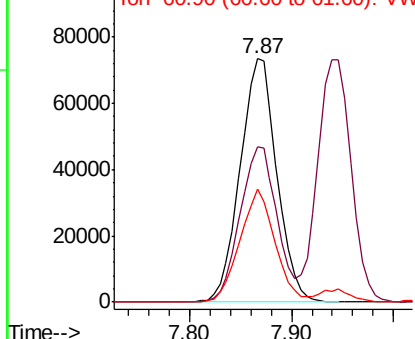
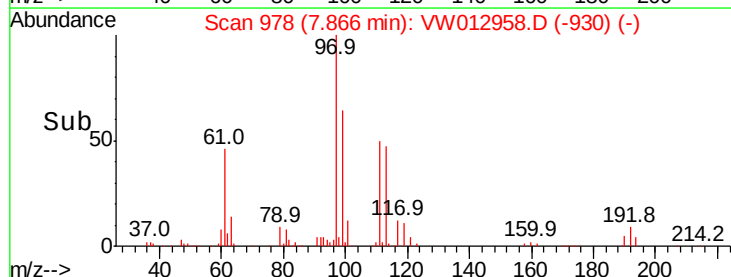


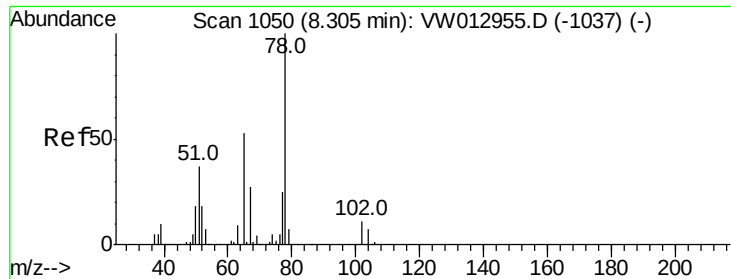
#32
1,1,1-Trichloroethane
Concen: 46.596 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 97 Resp: 183415
Ion Ratio Lower Upper
97 100
99 64.3 53.0 79.4
61 44.6 36.5 54.7



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





#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

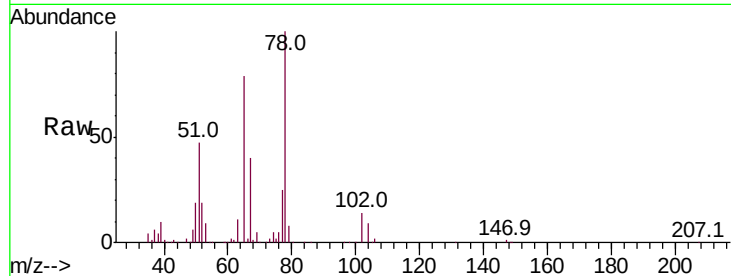
ClientSampleId :

Tot Ion: 65 Resp: 140137

Ion Ratio Lower Upper

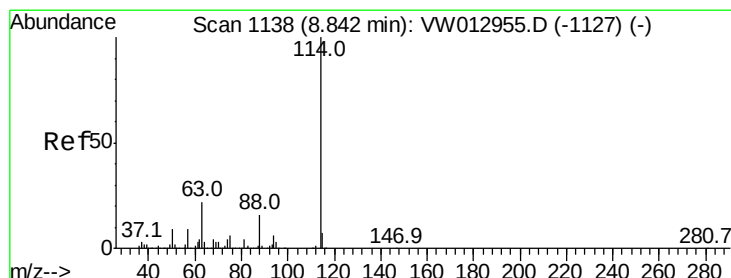
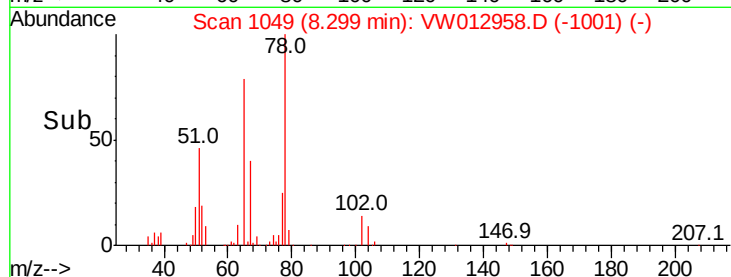
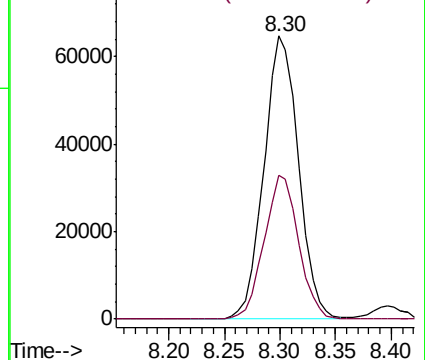
65 100

67 50.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

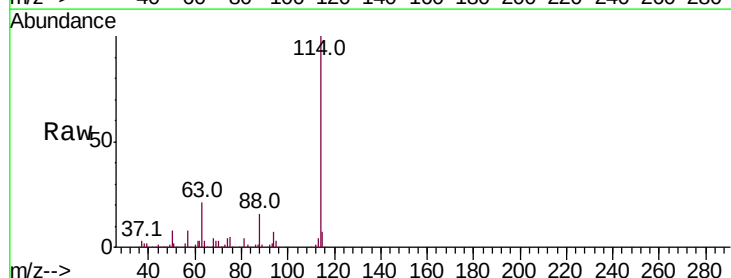
Tgt Ion: 114 Resp: 439865

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

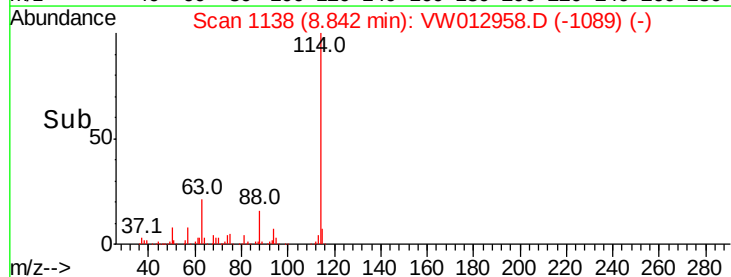
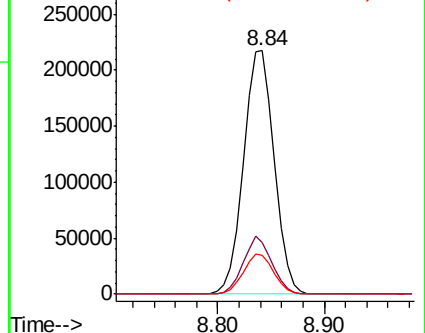
88 15.9 0.0 31.6

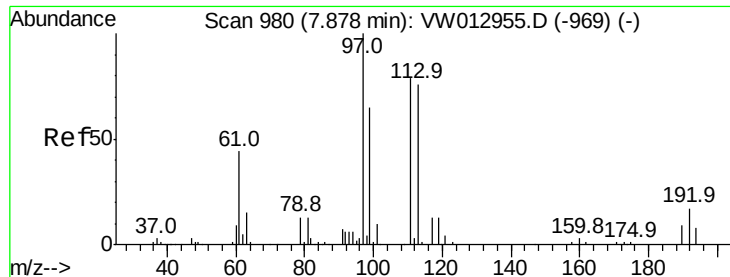


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

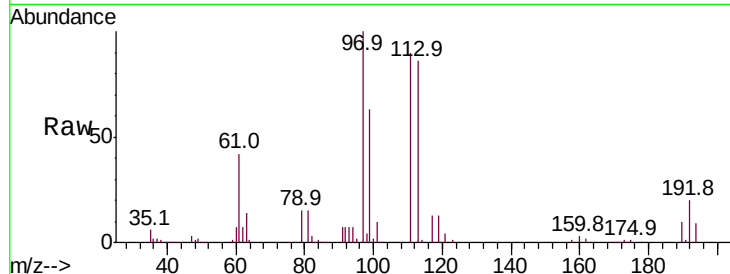




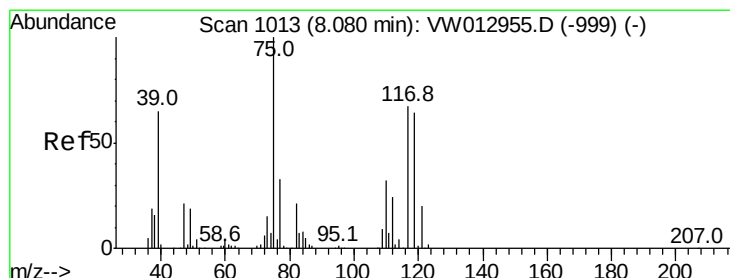
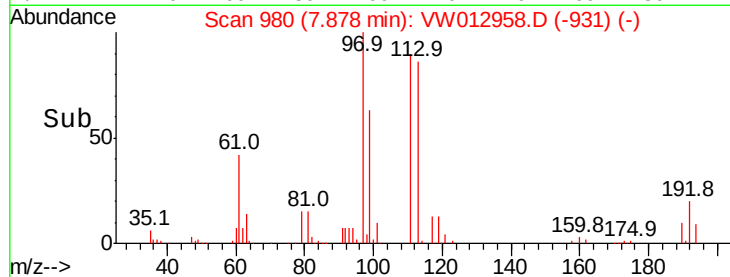
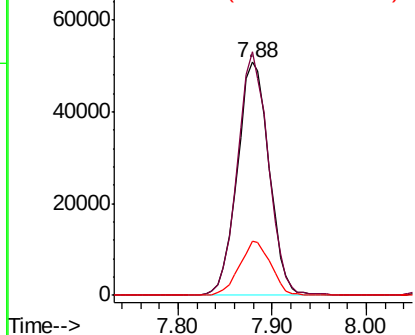
#35
 Dibromofluoromethane
 Concen: 50.007 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 119354
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 22.9 17.8 26.8

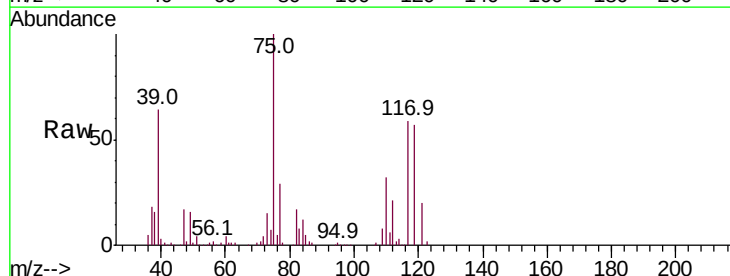


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

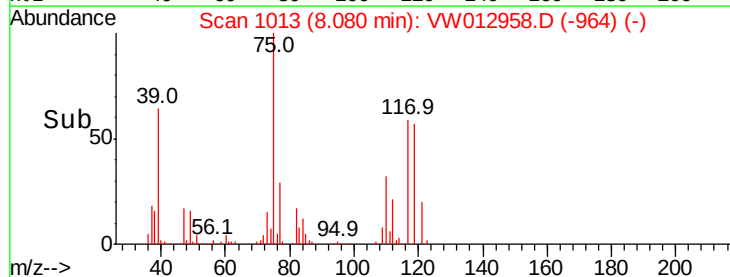
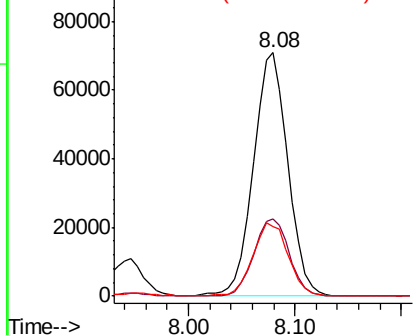


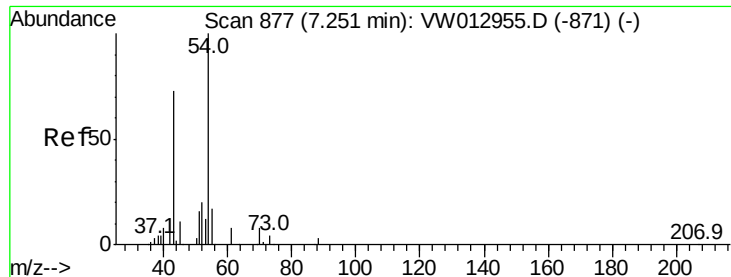
#36
 1,1-Dichloropropene
 Concen: 45.541 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 75 Resp: 160074
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.4 49.1
 77 31.2 25.1 37.7



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

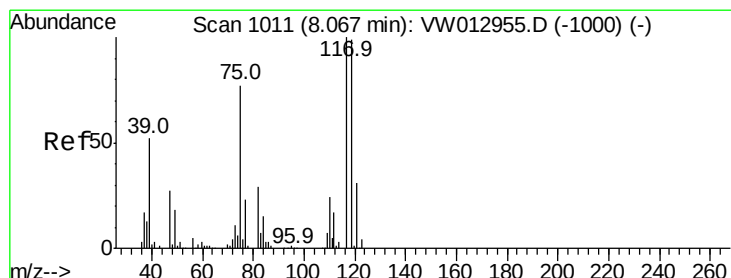
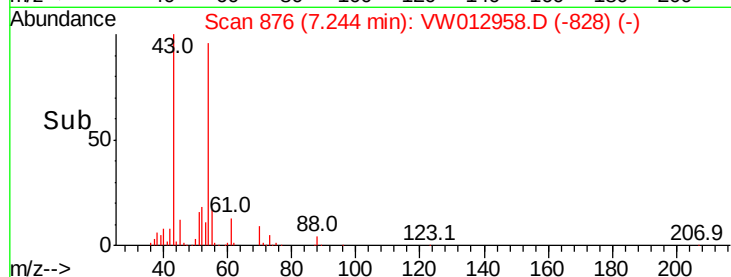
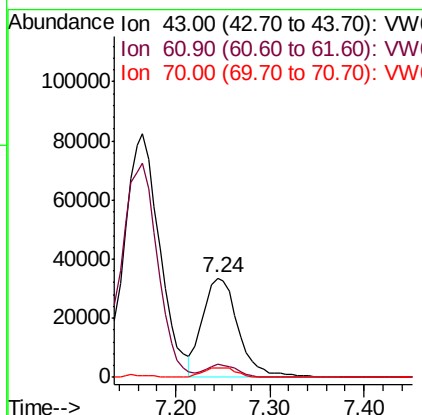
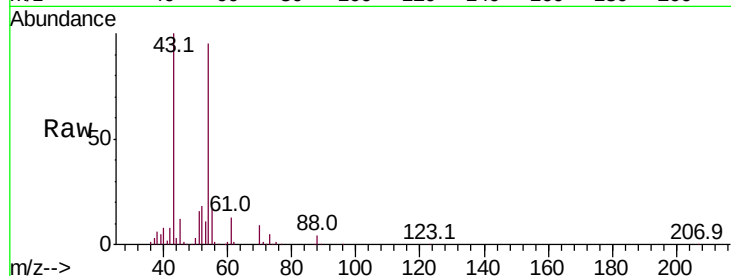




#37
Ethyl Acetate
Concen: 46.782 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

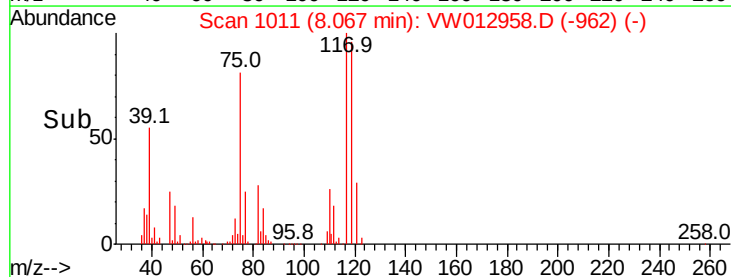
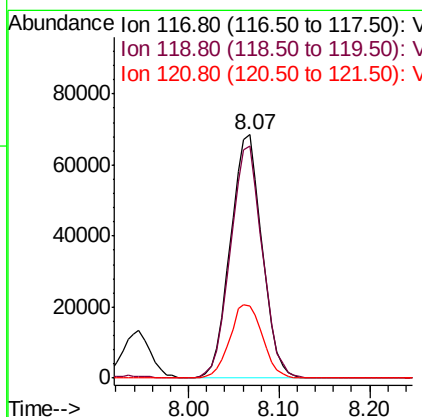
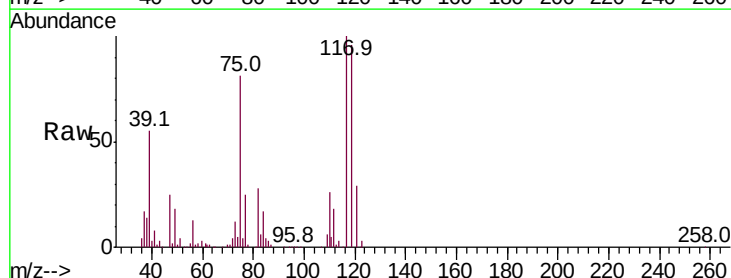
Instrument :
MSVOA_W
ClientSampled :

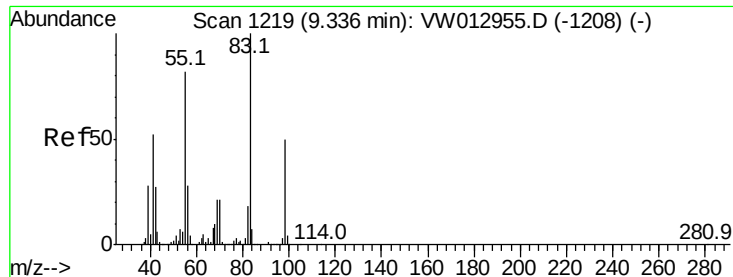
Tot Ion: 43 Resp: 87280
Ion Ratio Lower Upper
43 100
61 11.6 9.6 14.4
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.010 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 117 Resp: 165729
Ion Ratio Lower Upper
117 100
119 95.5 79.4 119.0
121 29.4 24.6 36.8

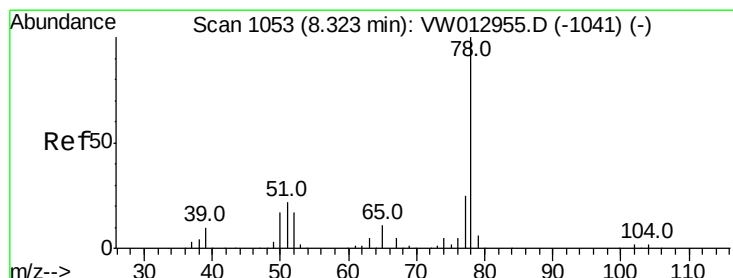
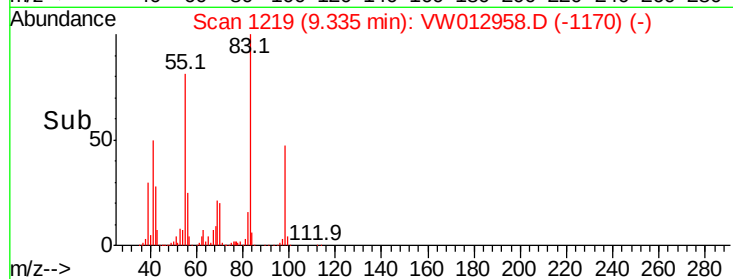
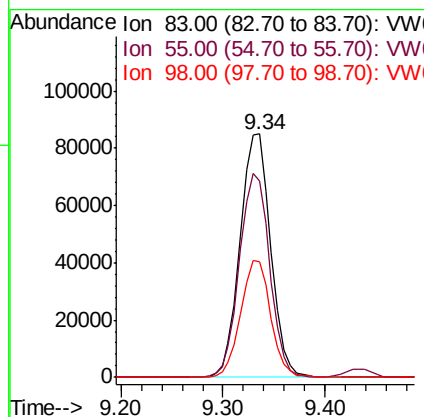
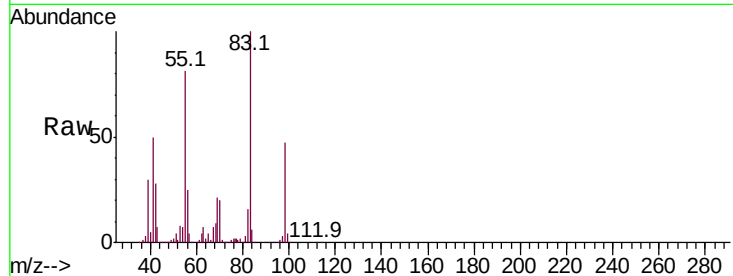




#39
Methylvlcyclohexane
Concen: 45.960 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

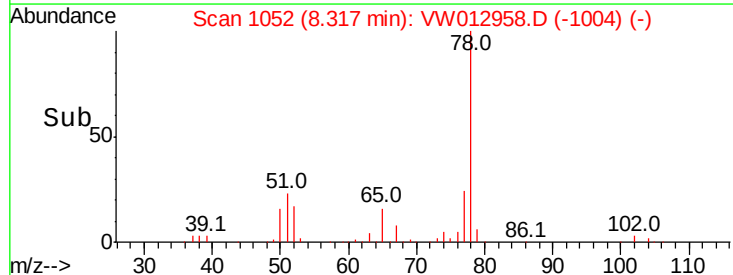
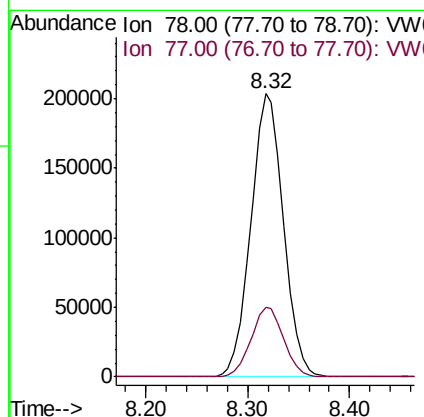
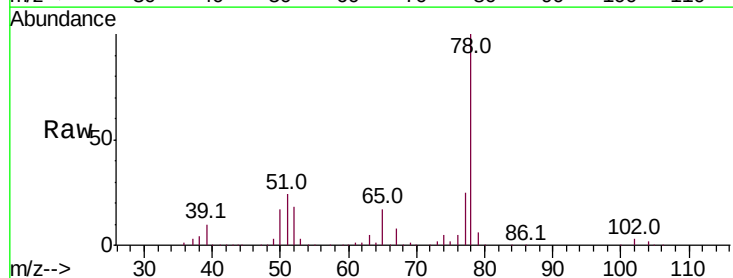
Instrument :
MSVOA_W
ClientSampled :

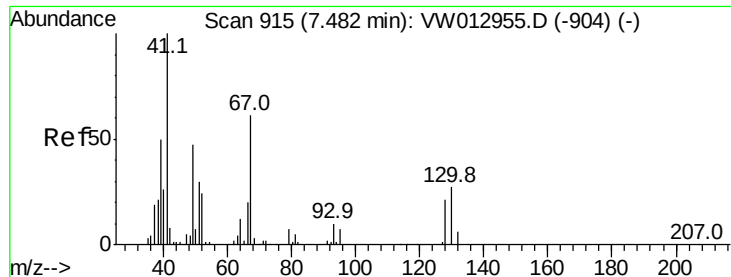
Tot Ion: 83 Resp: 177019
Ion Ratio Lower Upper
83 100
55 80.6 65.9 98.9
98 47.4 39.6 59.4



#40
Benzene
Concen: 46.001 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 78 Resp: 451380
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4

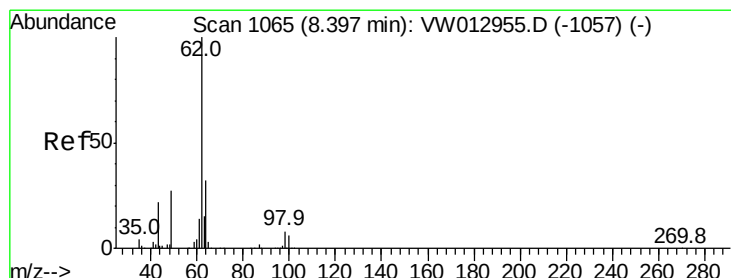
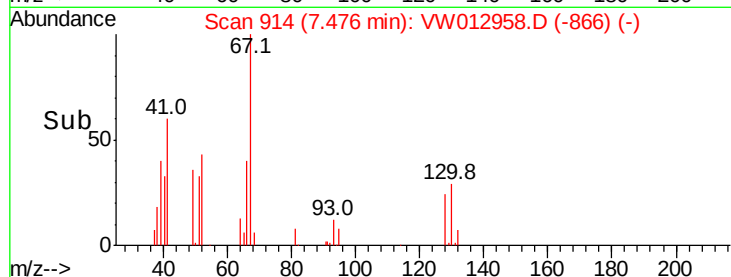
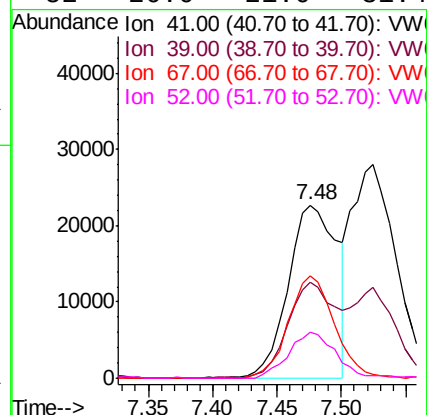
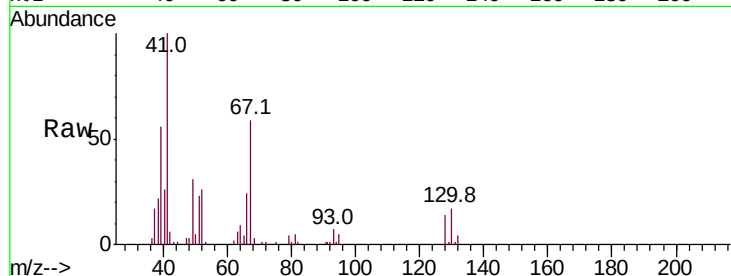




#41
Methacrylonitrile
Concen: 49.004 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

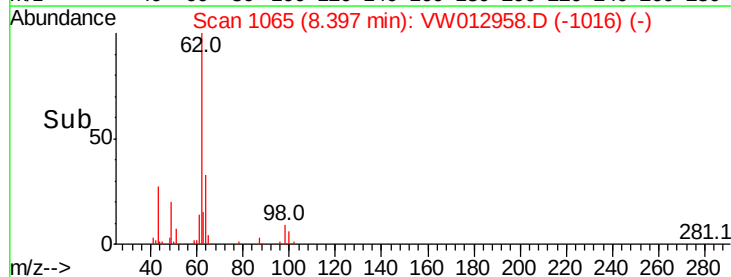
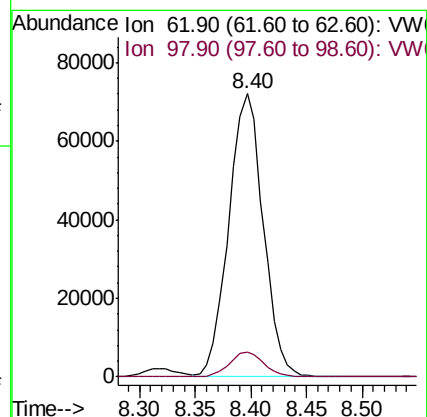
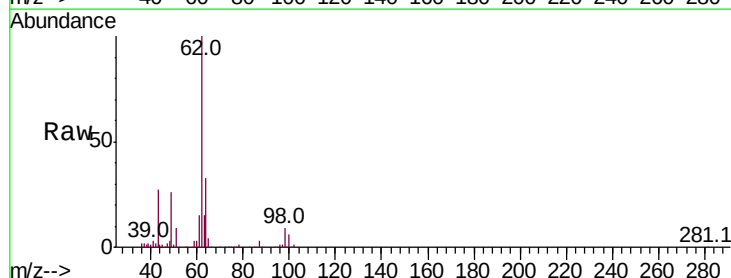
Instrument :
MSVOA_W
ClientSampleId :

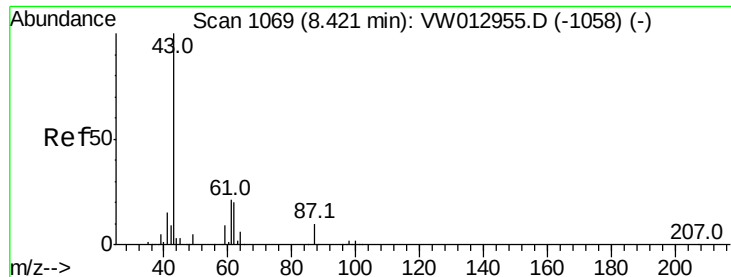
Tot Ion:	41	Resp:	60207
Ion	Ratio	Lower	Upper
41	100		
39	53.4	48.2	72.4
67	55.6	47.5	71.3
52	26.0	21.0	31.4



#42
1,2-Dichloroethane
Concen: 46.959 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:	62	Resp:	154463
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 48.579 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

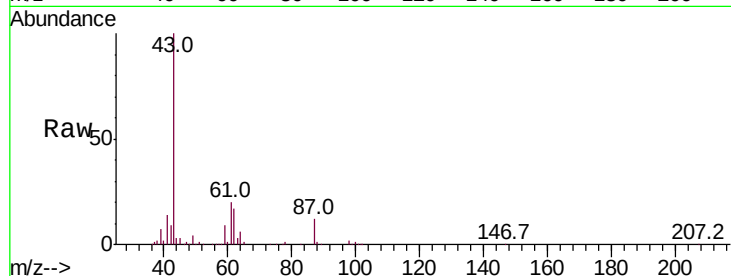
Tot Ion: 43 Resp: 174019

Ion Ratio Lower Upper

43 100

61 28.1 22.7 34.1

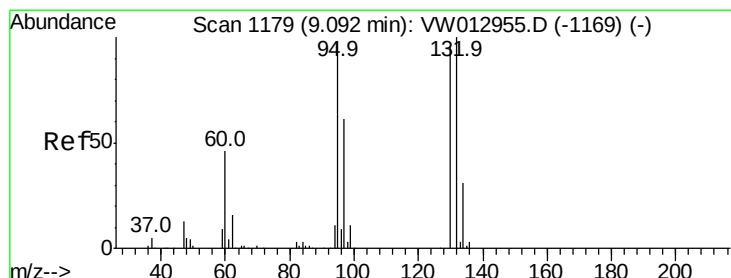
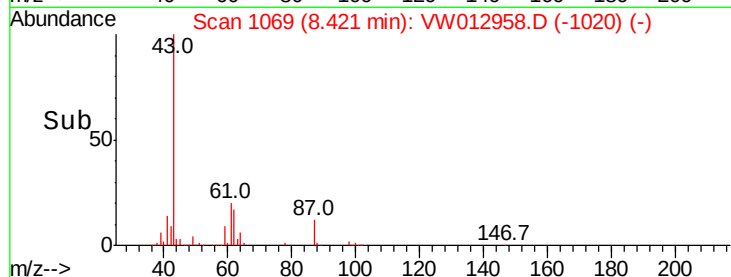
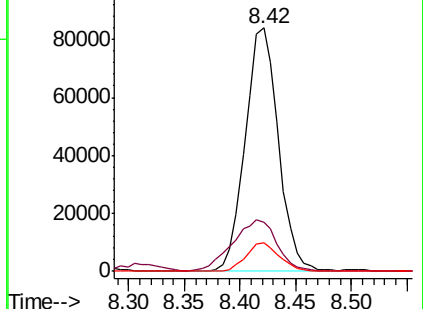
87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 45.028 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW012958.D

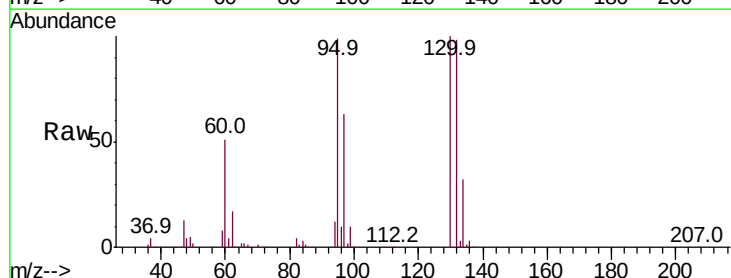
Acq: 13 Sep 2019 16:55

Tgt Ion:130 Resp: 121023

Ion Ratio Lower Upper

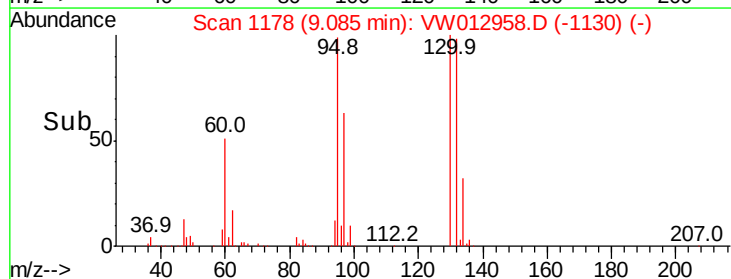
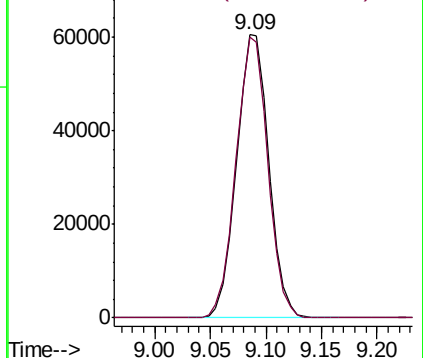
130 100

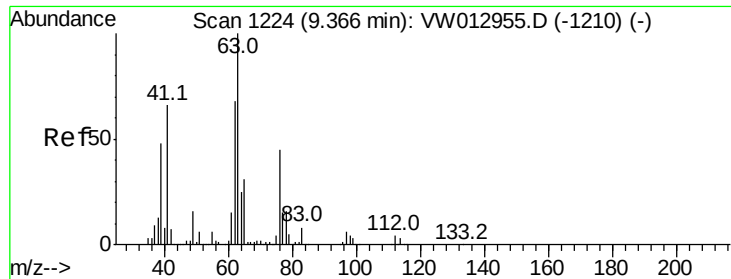
95 99.4 0.0 204.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 47.142 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

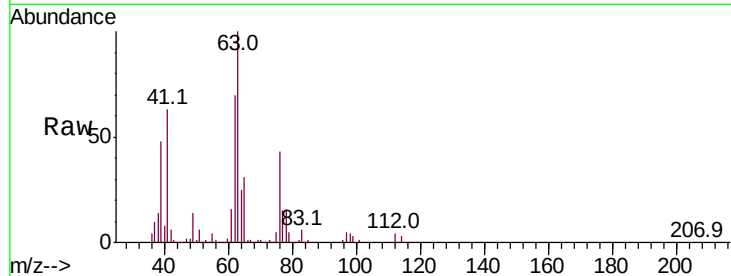
ClientSampleId :

Tot Ion: 63 Resp: 122900

Ion Ratio Lower Upper

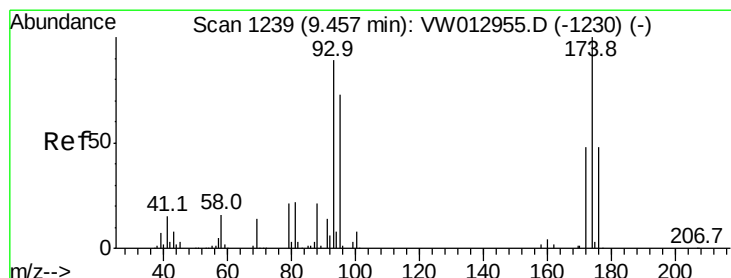
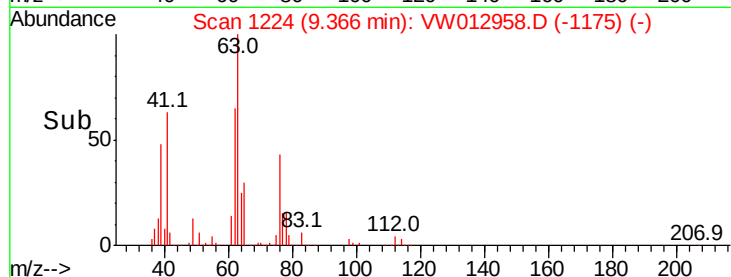
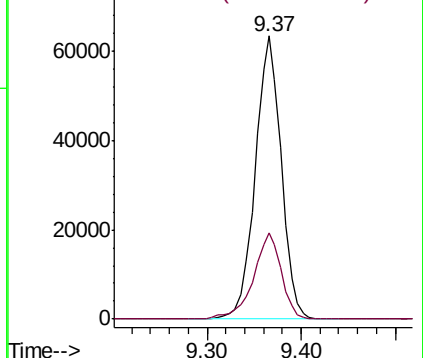
63 100

65 30.7 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 46.757 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

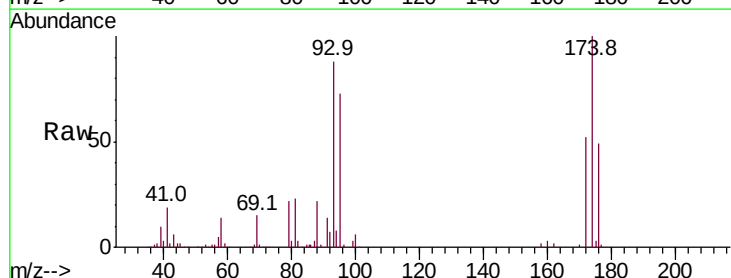
Tgt Ion: 93 Resp: 58400

Ion Ratio Lower Upper

93 100

95 81.7 67.0 100.4

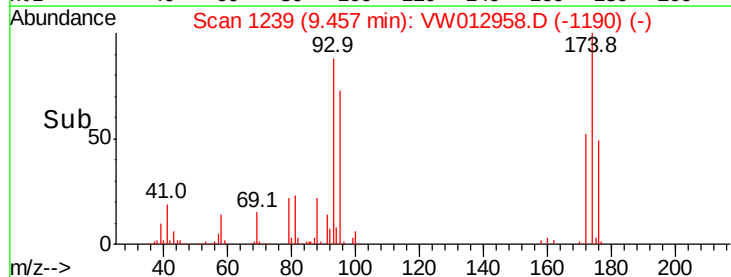
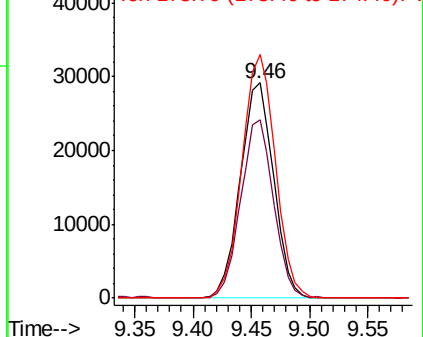
174 113.0 90.5 135.7

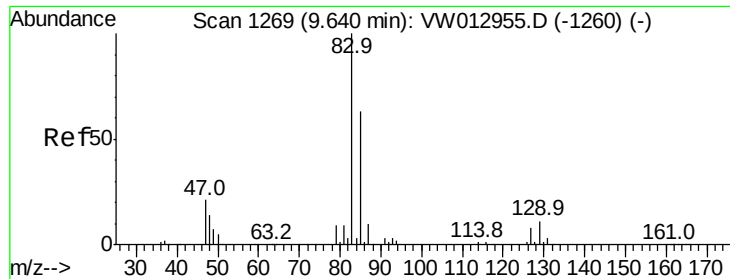


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.979 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

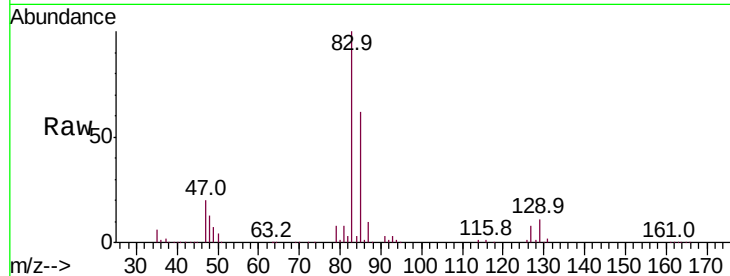
Tot Ion: 83 Resp: 168094

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

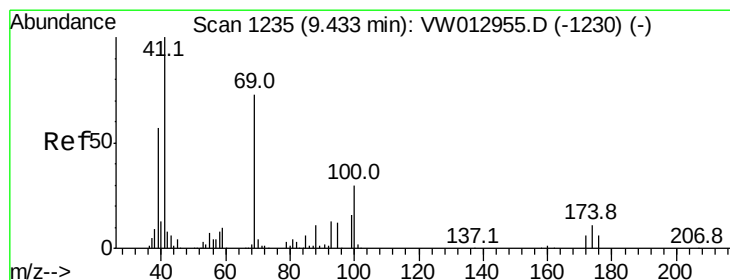
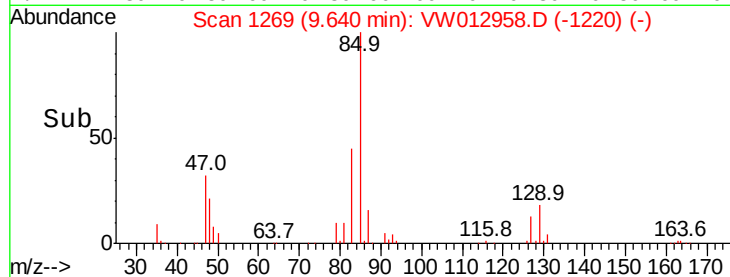
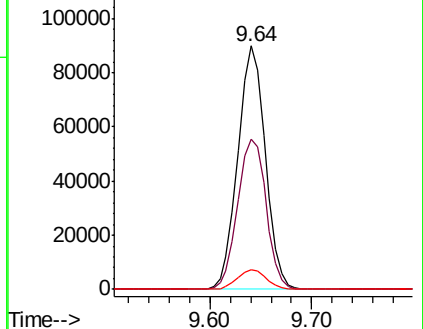
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.463 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

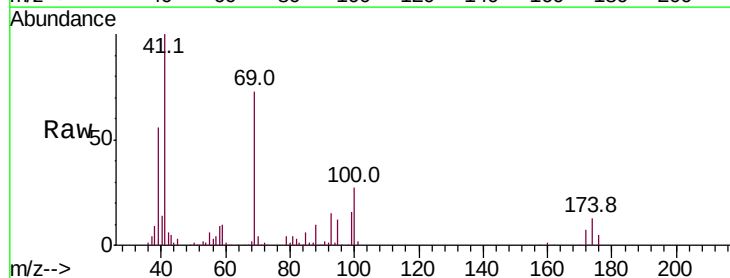
Tgt Ion: 41 Resp: 81474

Ion Ratio Lower Upper

41 100

69 77.6 62.8 94.2

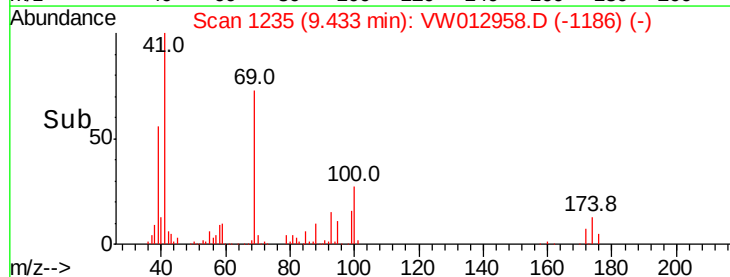
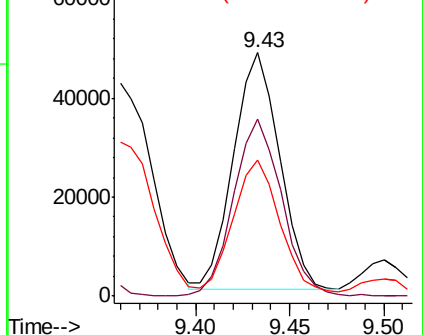
39 59.6 48.5 72.7

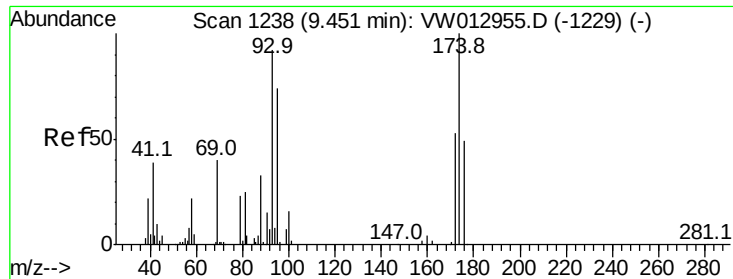


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

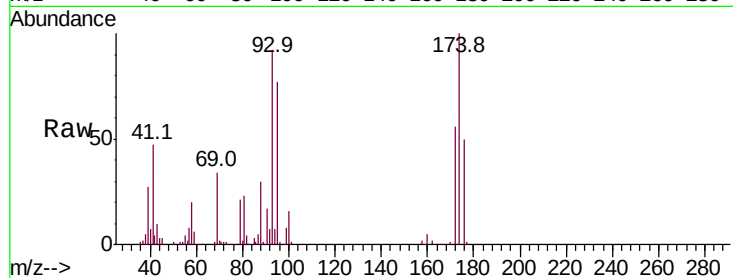




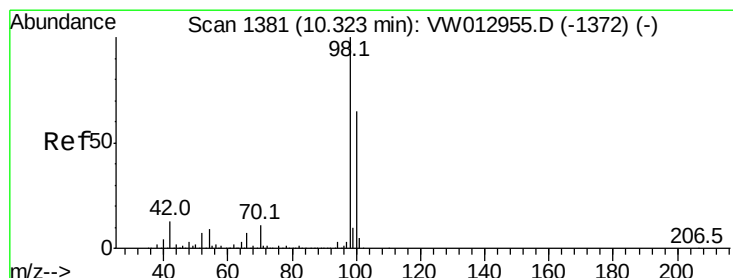
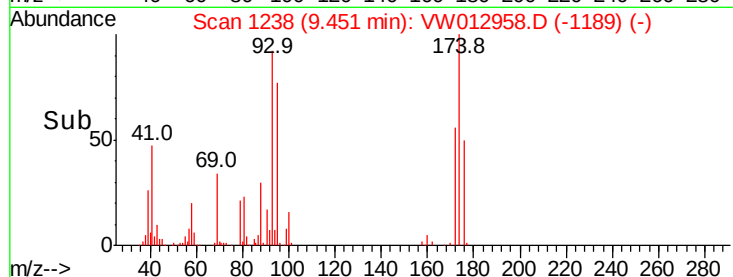
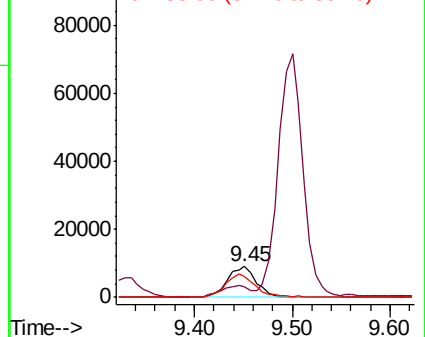
#49
1,4-Dioxane
Concen: 900.002 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 18836
Ion Ratio Lower Upper
88 100
43 35.9 31.3 46.9
58 77.8 60.2 90.2

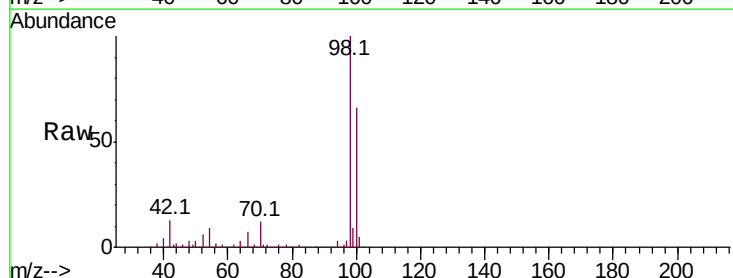


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

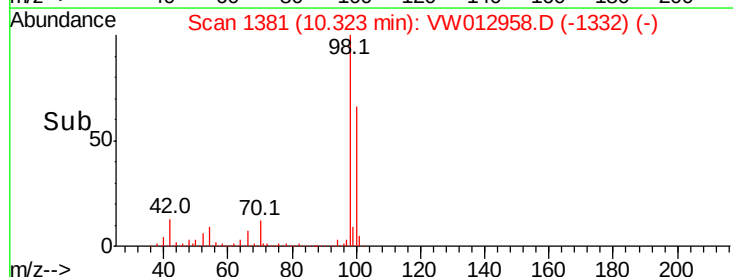
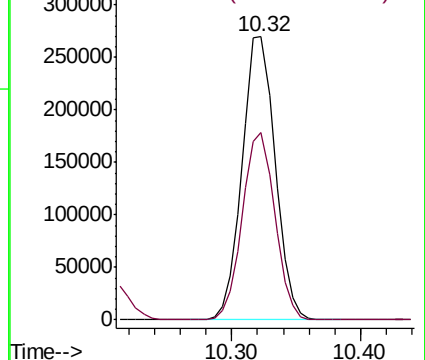


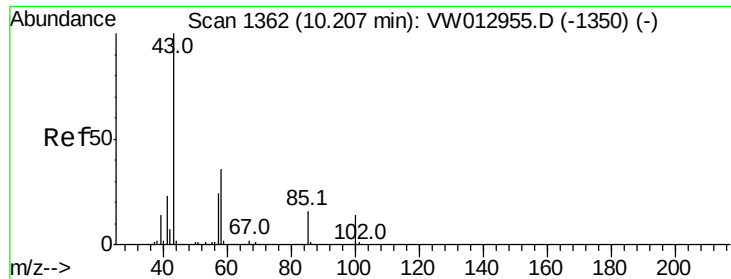
#50
Toluene-d8
Concen: 51.268 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 98 Resp: 478825
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

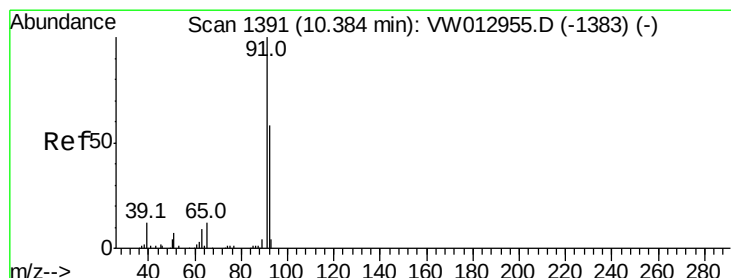
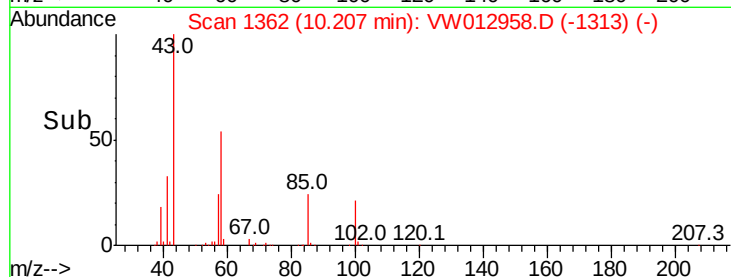
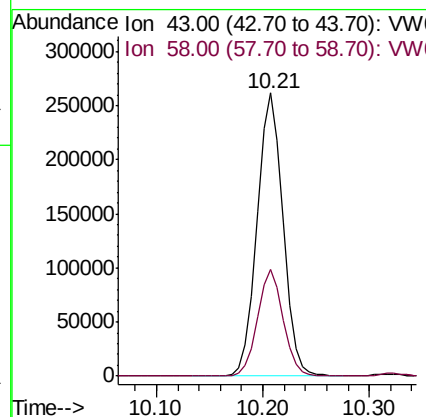
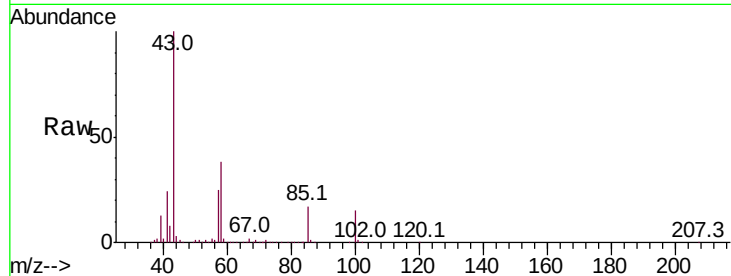




#51
 4-Methyl-2-Pentanone
 Concen: 242.126 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

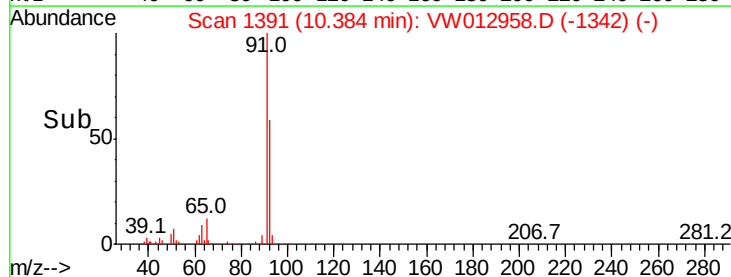
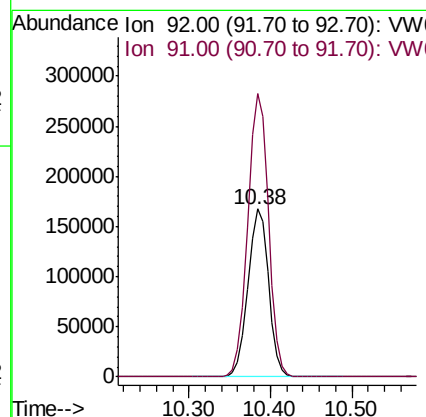
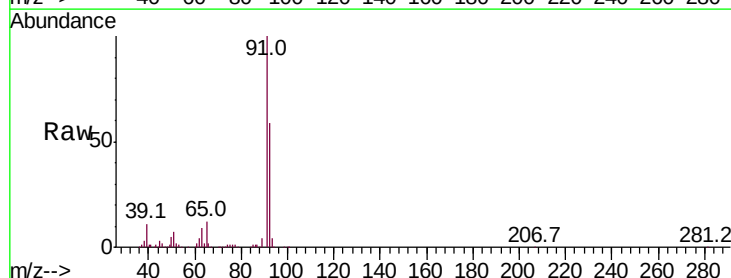
Instrument :
 MSVOA_W
 ClientSampleId :

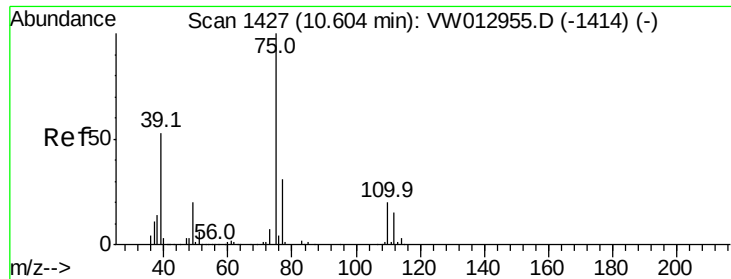
Tot Ion: 43 Resp: 447783
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.5 44.3



#52
 Toluene
 Concen: 46.973 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 92 Resp: 292889
 Ion Ratio Lower Upper
 92 100
 91 169.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 48.008 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

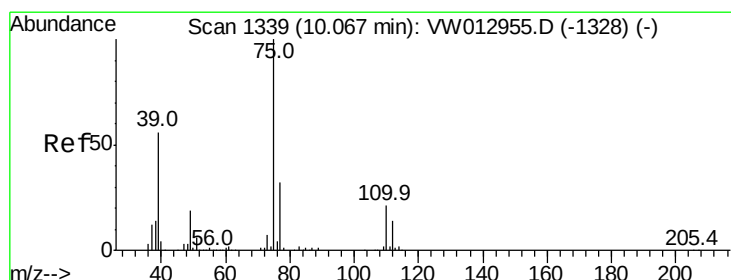
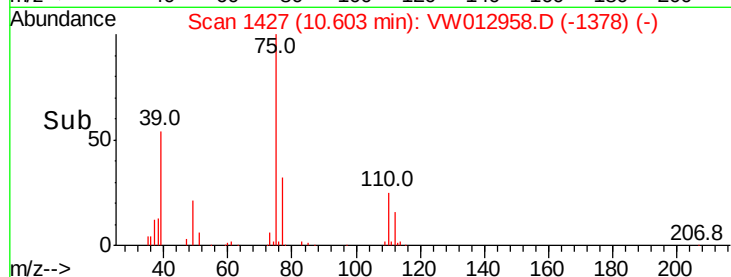
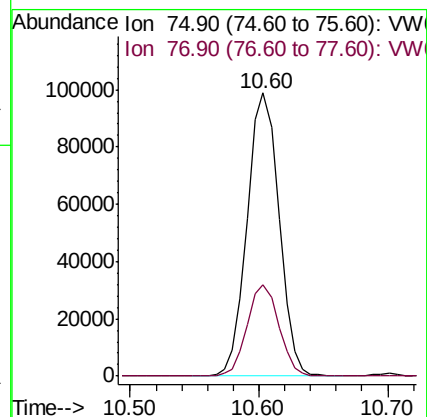
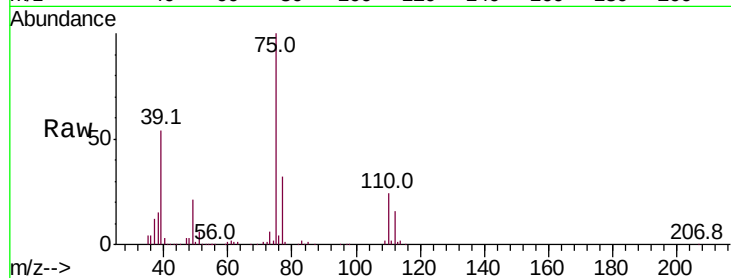
ClientSampled :

Tot Ion: 75 Resp: 169158

Ion Ratio Lower Upper

75 100

77 32.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 48.503 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

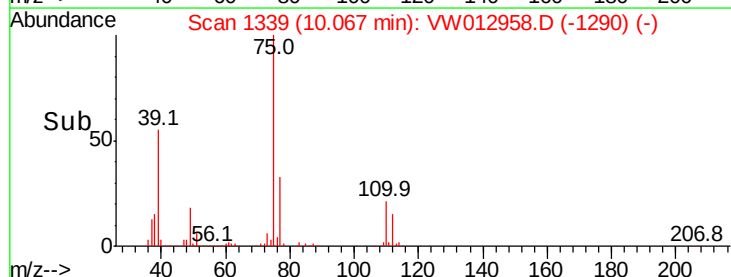
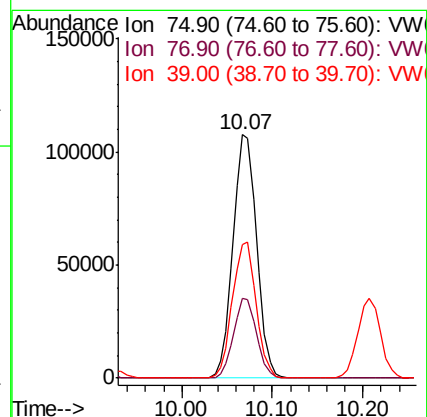
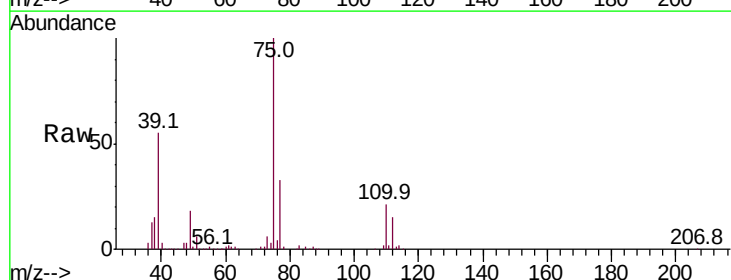
Tgt Ion: 75 Resp: 195542

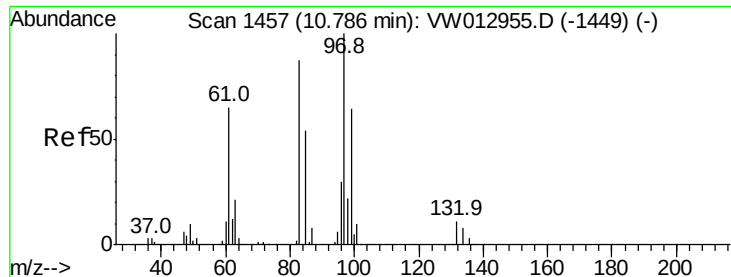
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 55.1 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 47.728 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 90814

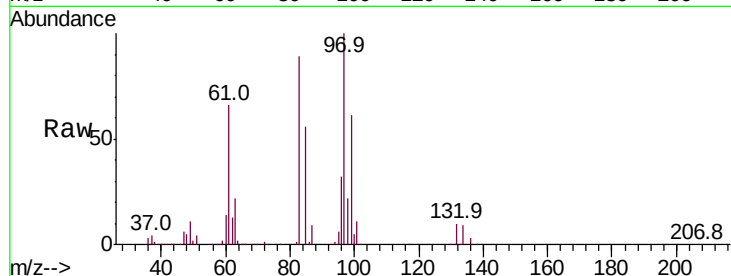
Ion Ratio Lower Upper

97 100

83 88.7 69.4 104.0

85 56.0 43.3 64.9

99 60.7 50.9 76.3



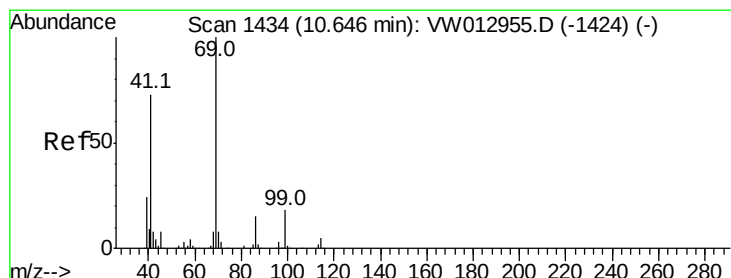
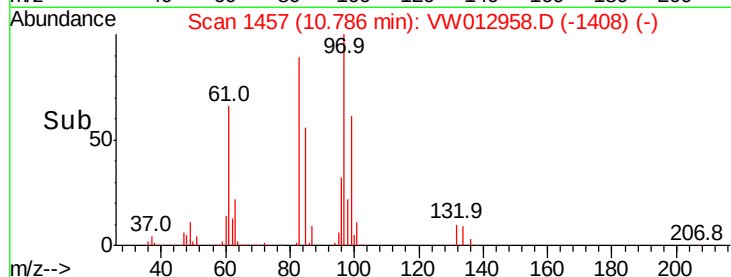
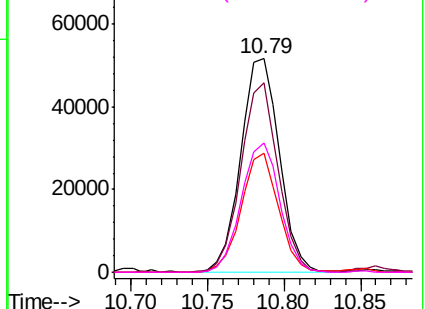
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 49.048 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

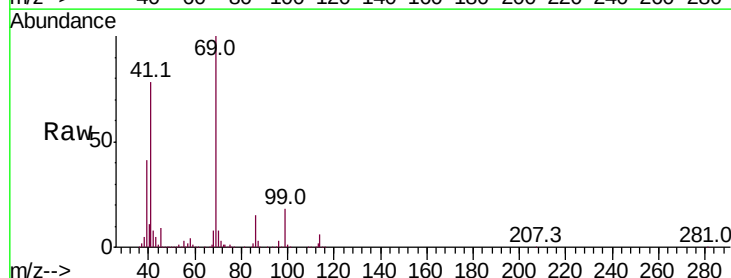
Tgt Ion: 69 Resp: 125620

Ion Ratio Lower Upper

69 100

41 77.1 60.8 91.2

39 35.4 29.4 44.0

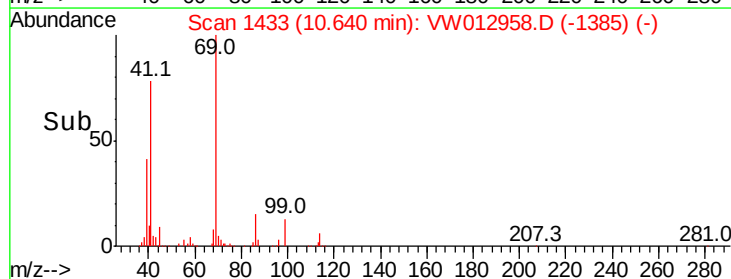
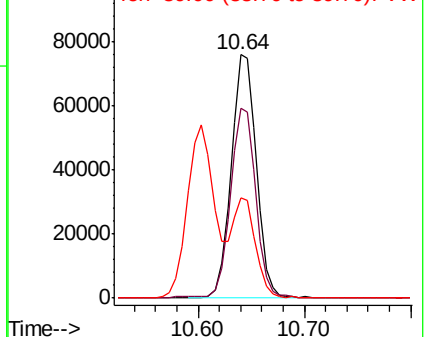


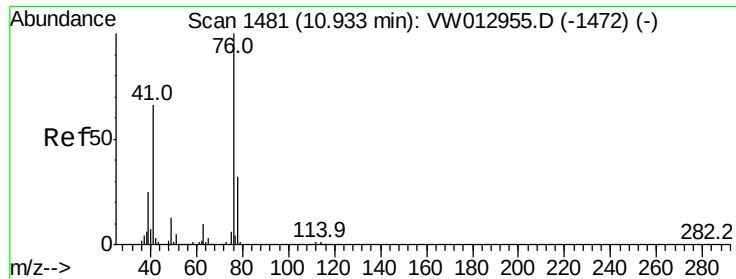
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

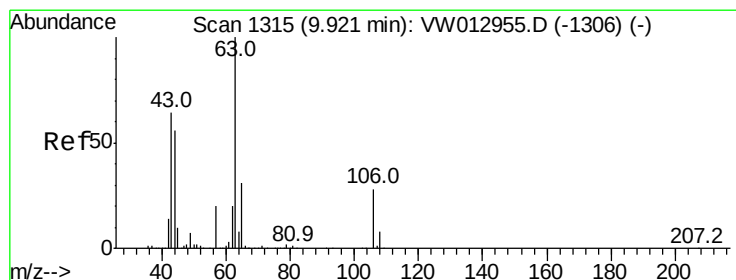
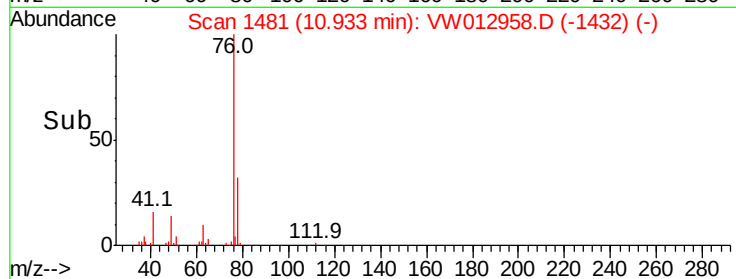
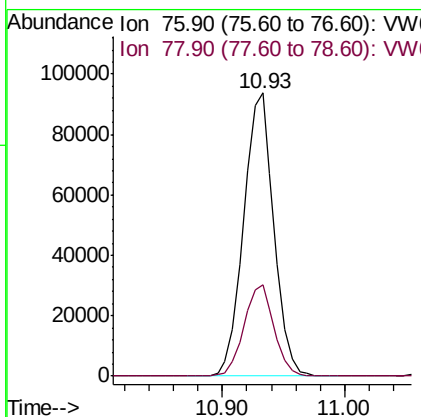
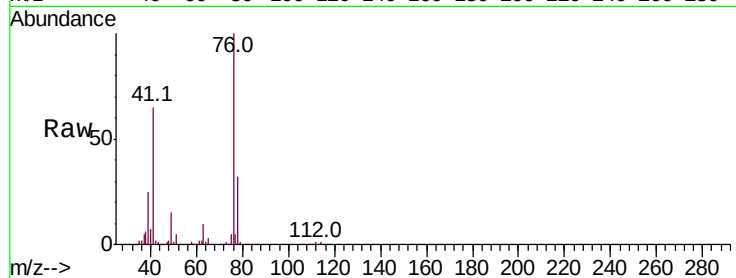




#57
 1,3-Dichloropropane
 Concen: 47.426 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

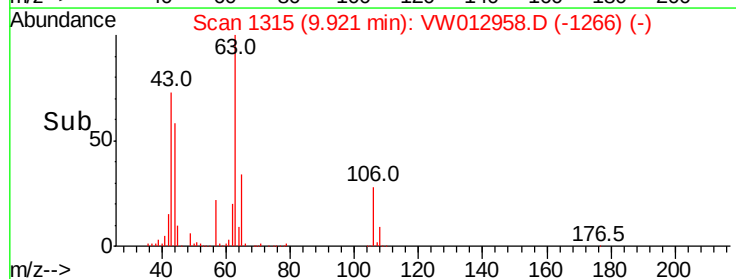
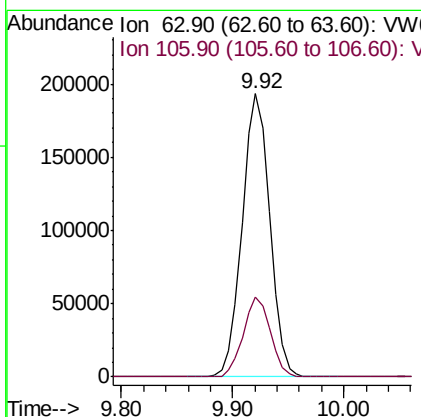
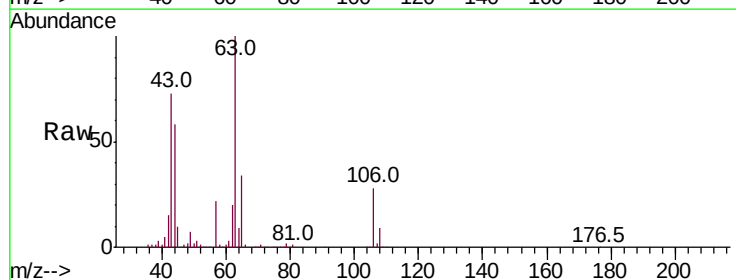
Instrument :
 MSVOA_W
 ClientSampled :

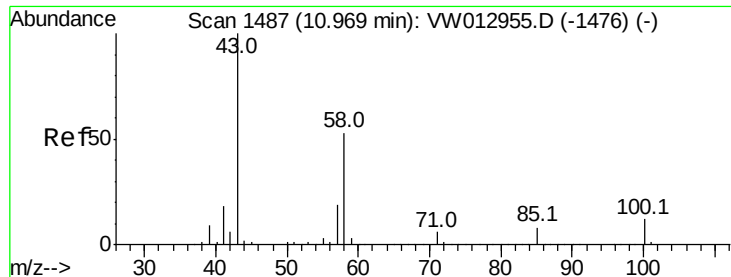
Tot Ion: 76 Resp: 160078
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.998 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion: 63 Resp: 332475
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.2 33.2

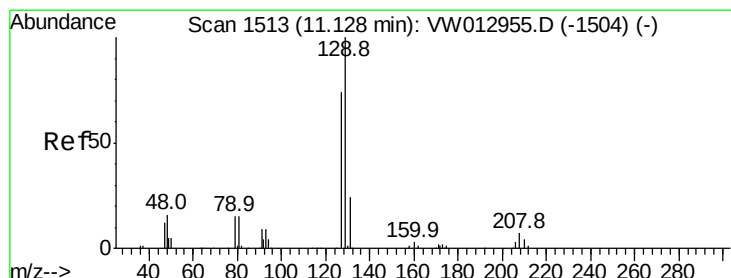
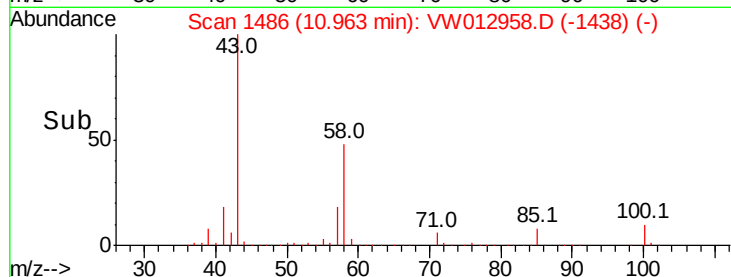
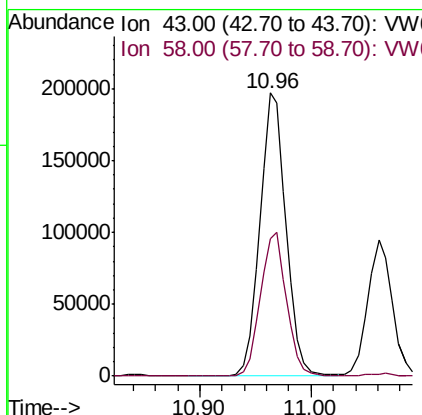
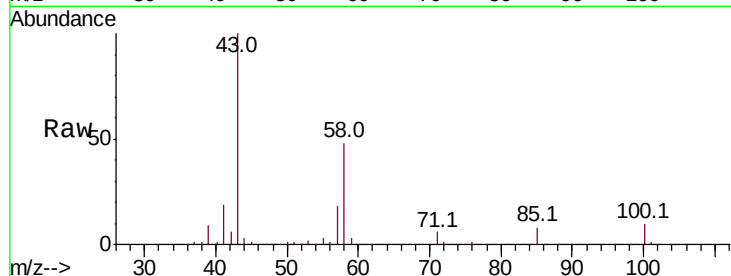




#59
2-Hexanone
Concen: 250.052 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

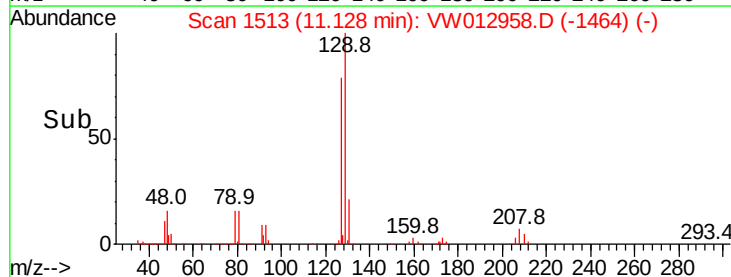
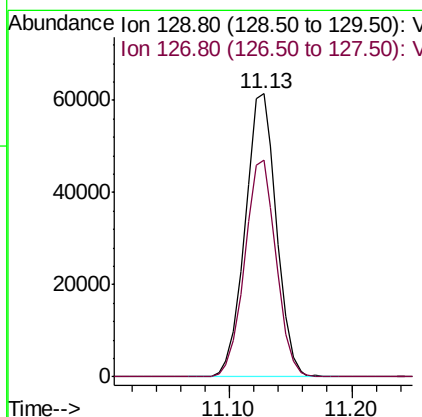
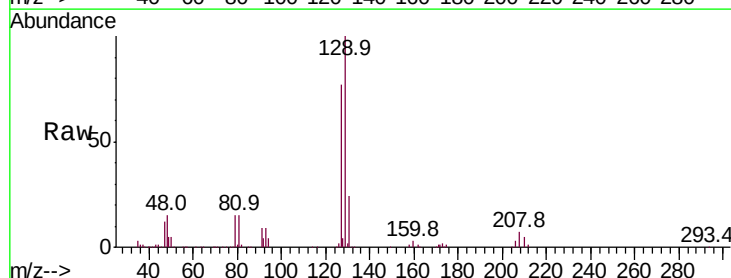
Instrument :
MSVOA_W
ClientSampled :

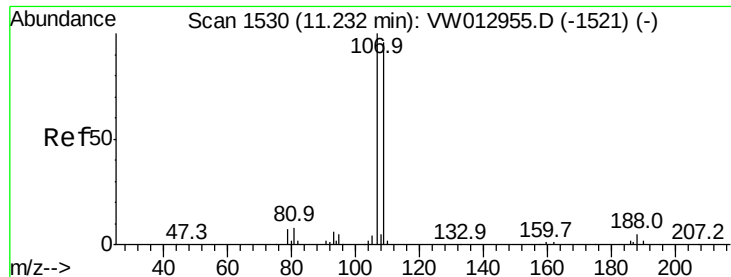
Tot Ion: 43 Resp: 322003
Ion Ratio Lower Upper
43 100
58 50.8 25.8 77.3



#60
Dibromochloromethane
Concen: 47.558 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:129 Resp: 109402
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.2





#61

1,2-Dibromoethane

Concen: 46.287 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

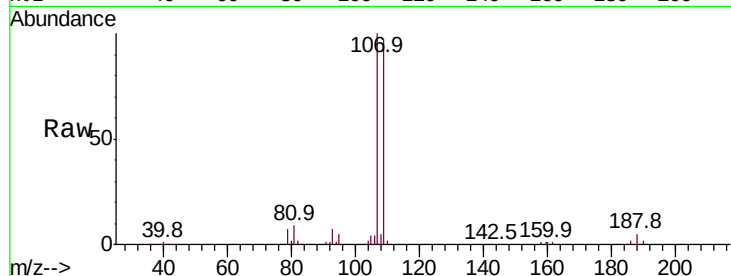
ClientSampleId :

Tot Ion:107 Resp: 80342

Ion Ratio Lower Upper

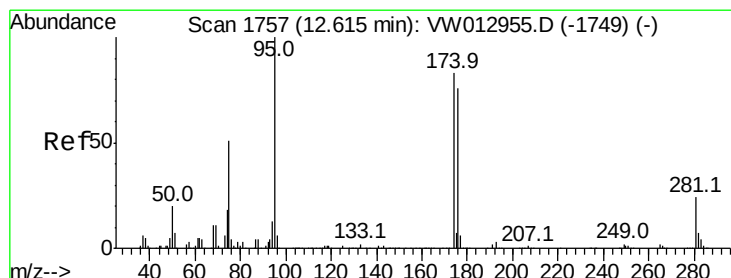
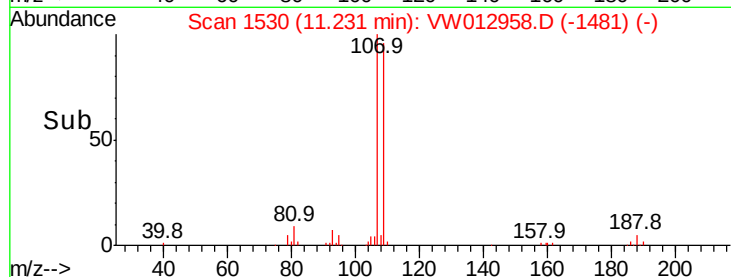
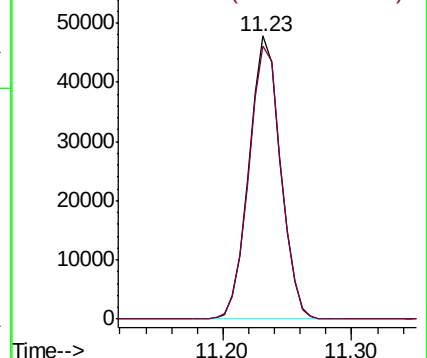
107 100

109 98.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

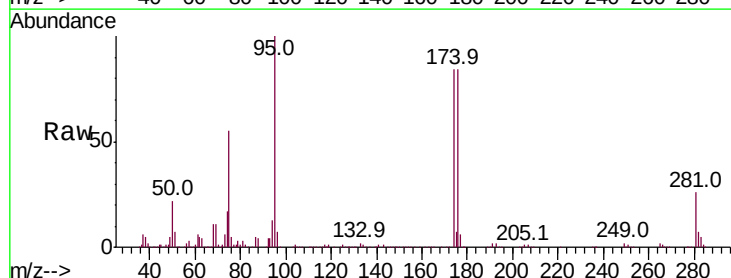
Tgt Ion: 95 Resp: 164503

Ion Ratio Lower Upper

95 100

174 85.3 0.0 170.4

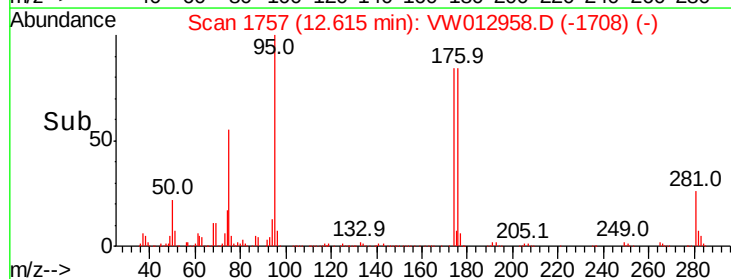
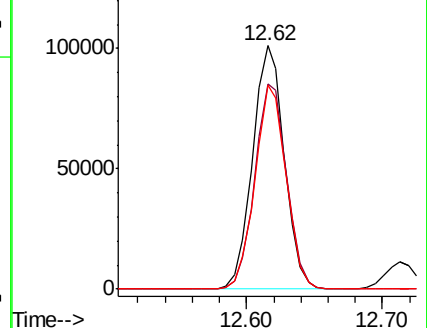
176 82.9 0.0 164.6

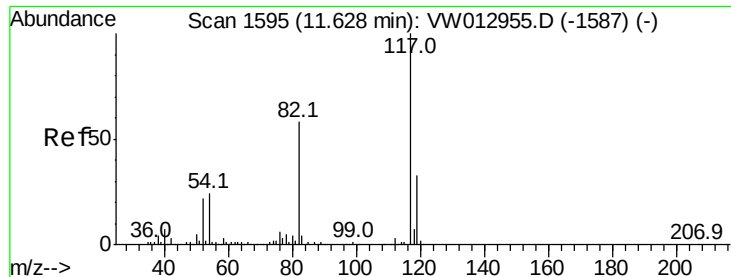


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

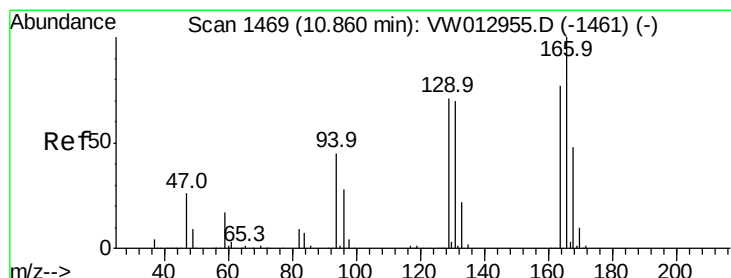
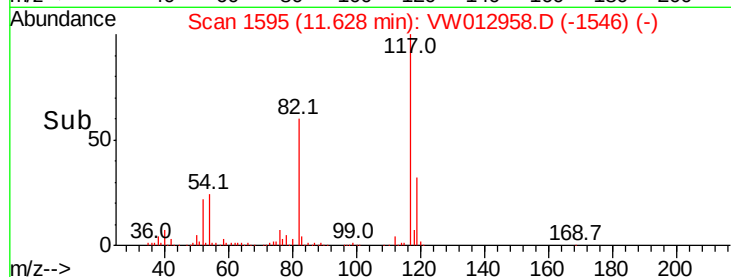
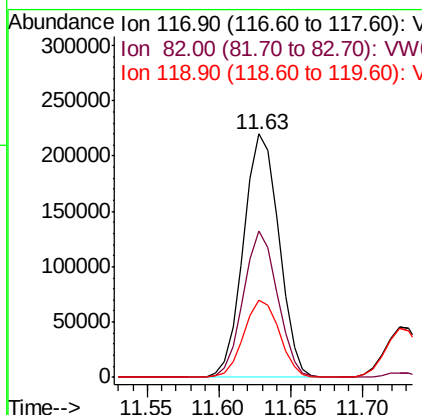
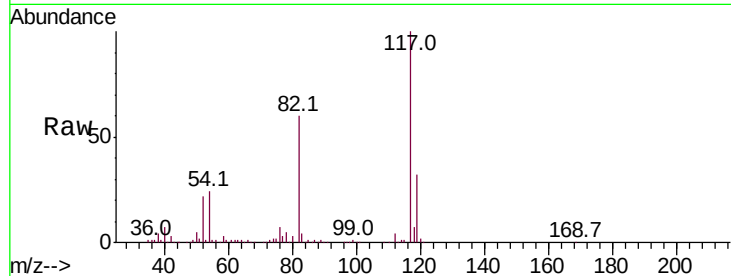




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

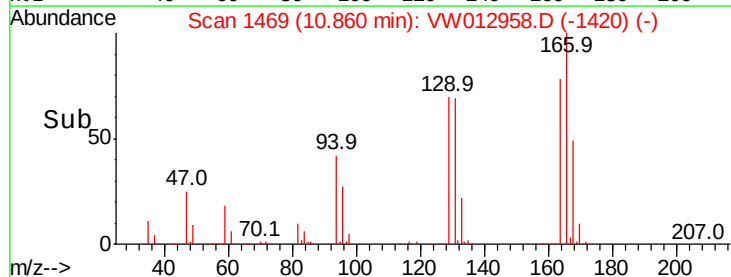
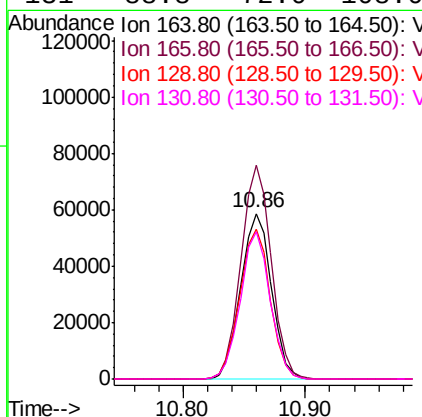
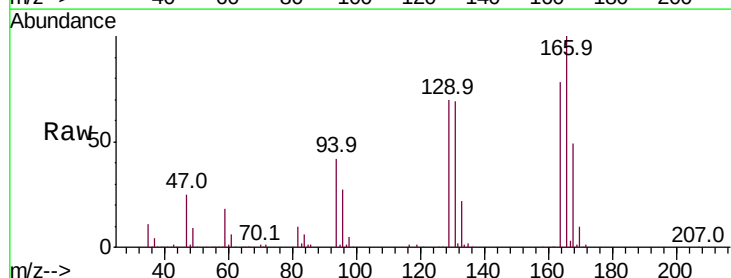
Instrument :
MSVOA_W
ClientSampled :

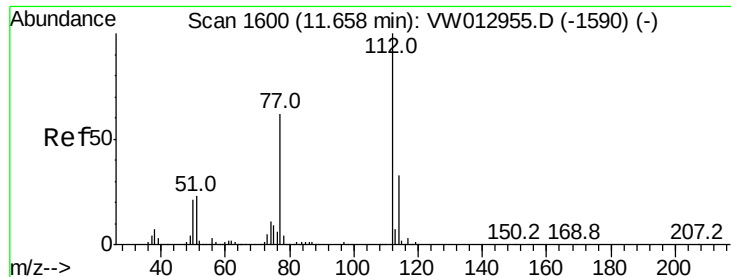
Tot Ion:117 Resp: 374851
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 45.738 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:164 Resp: 101995
Ion Ratio Lower Upper
164 100
166 128.9 103.3 154.9
129 90.2 73.8 110.8
131 88.8 72.0 108.0

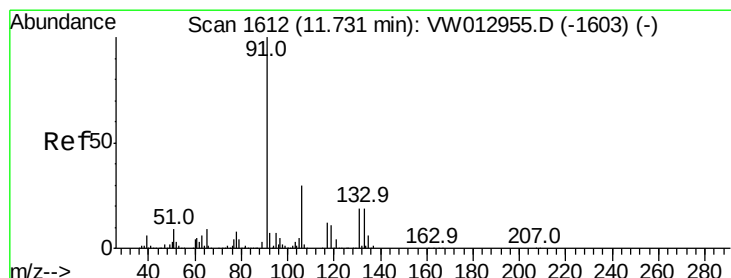
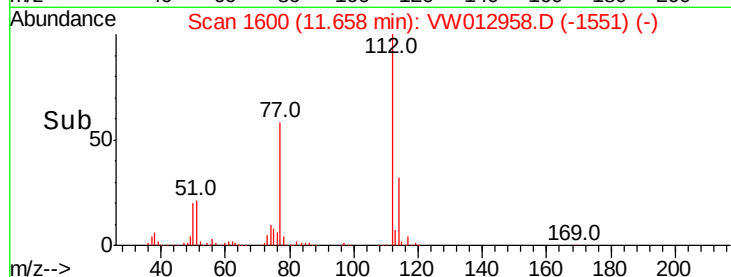
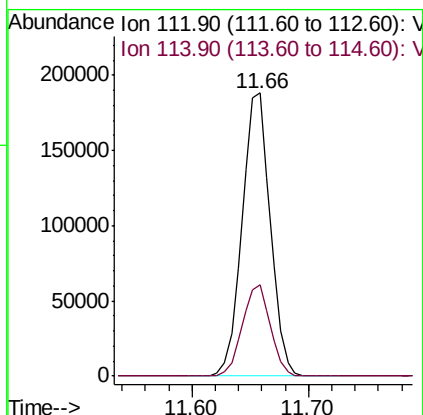
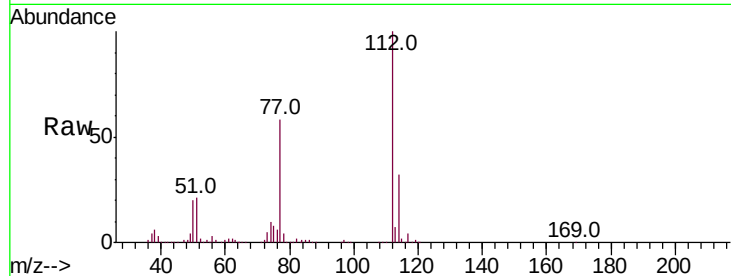




#65
Chlorobenzene
Concen: 47.583 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

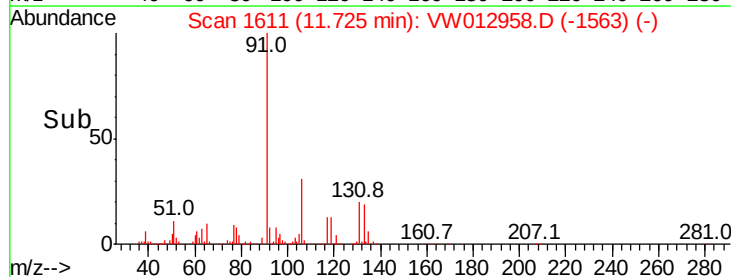
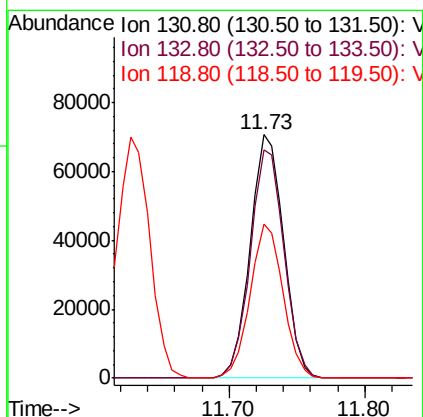
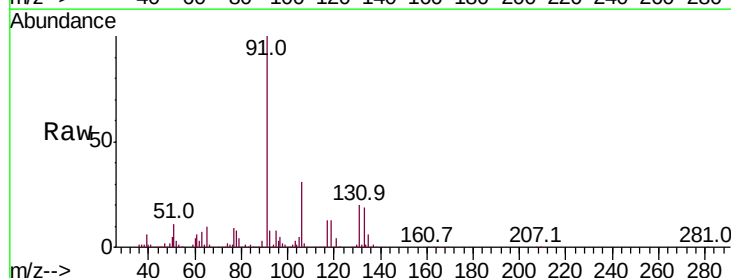
Instrument :
MSVOA_W
ClientSampleId :

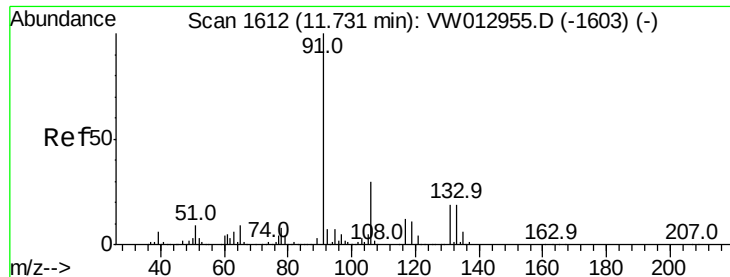
Tot Ion:112 Resp: 317707
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.629 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:131 Resp: 121869
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 62.6 30.9 92.7

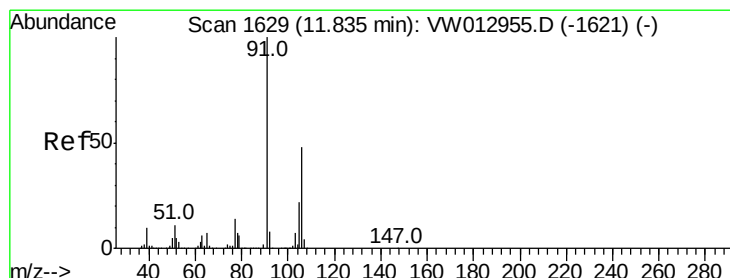
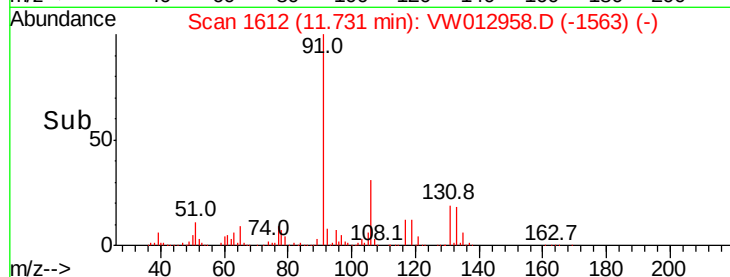
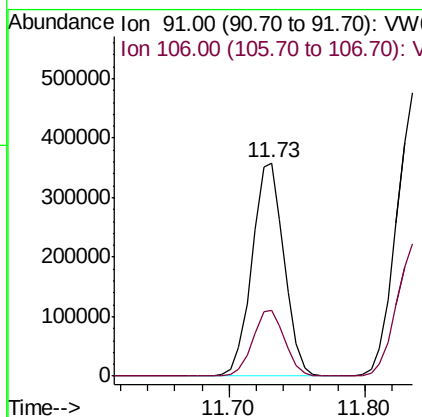
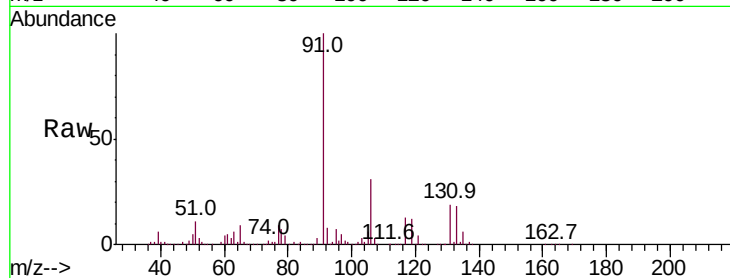




#67
Ethyl Benzene
Concen: 47.947 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

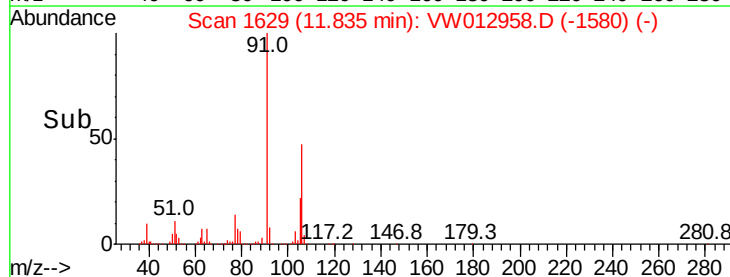
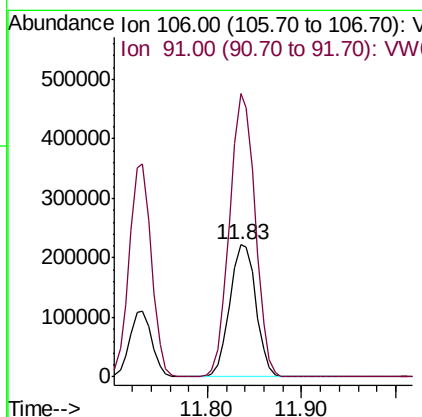
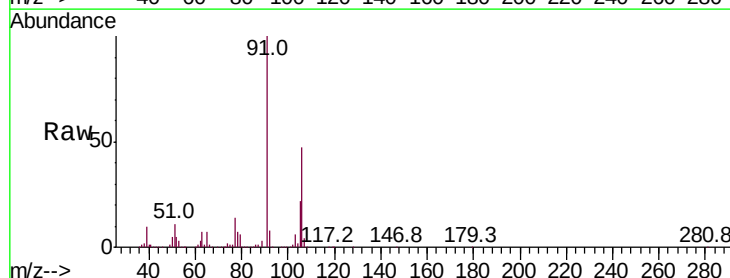
Instrument :
MSVOA_W
ClientSampled :

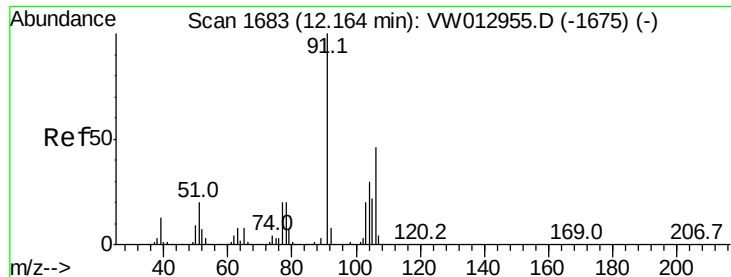
Tot Ion: 91 Resp: 591258
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 94.832 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:106 Resp: 427207
Ion Ratio Lower Upper
106 100
91 209.4 165.8 248.8

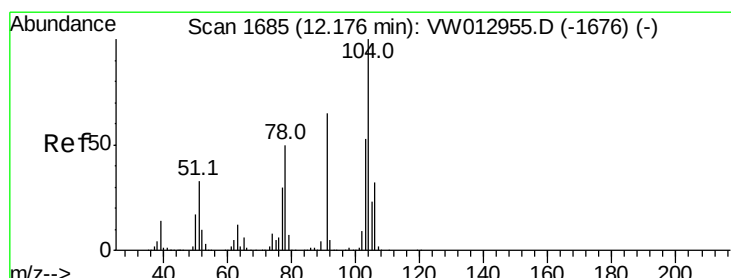
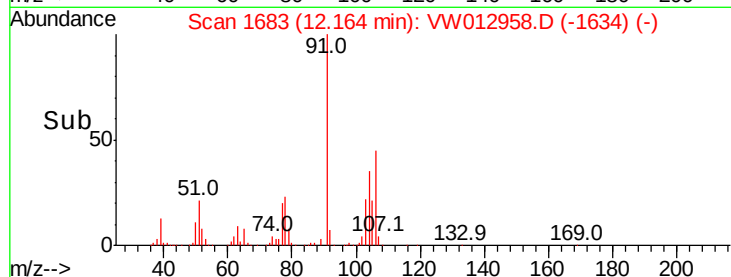
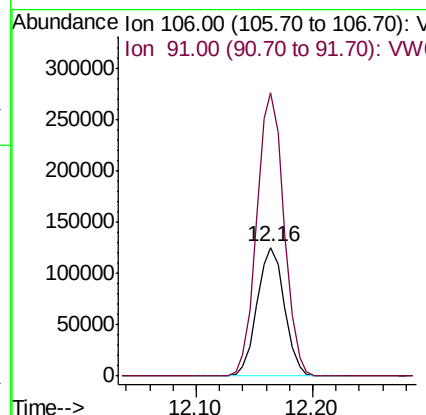
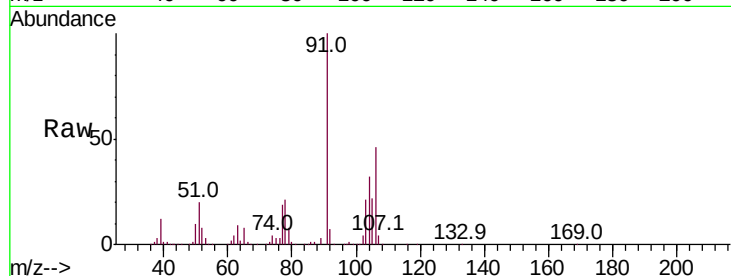




#69
o-Xylene
Concen: 48.470 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

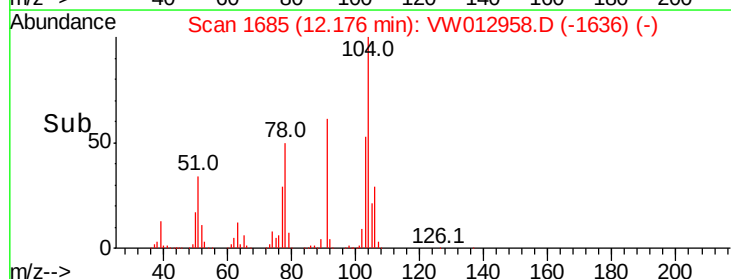
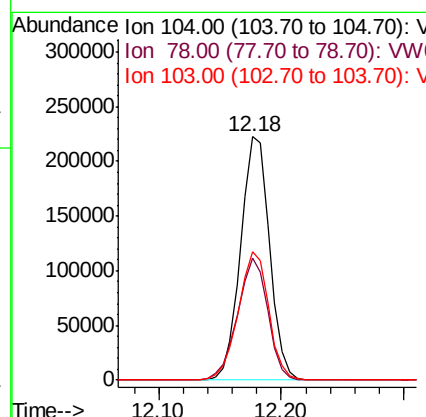
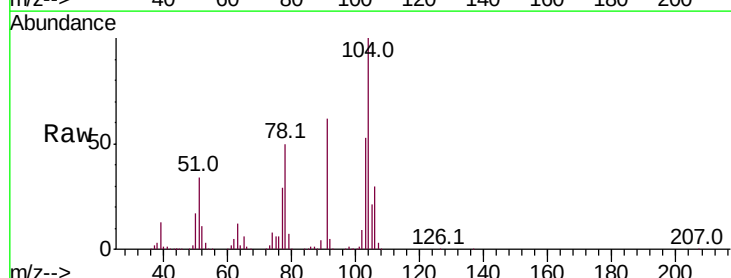
Instrument :
MSVOA_W
ClientSampleId :

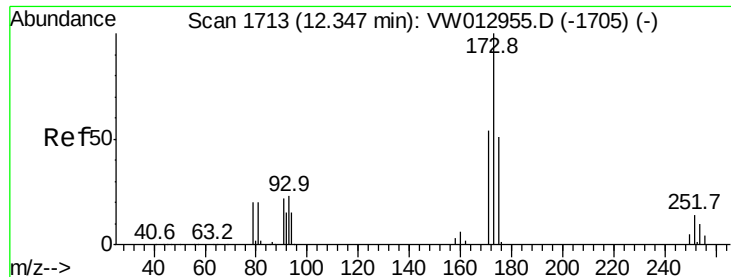
Tot Ion:106 Resp: 204709
Ion Ratio Lower Upper
106 100
91 219.3 109.7 329.0



#70
Styrene
Concen: 48.459 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:104 Resp: 364071
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.2 44.2 66.4

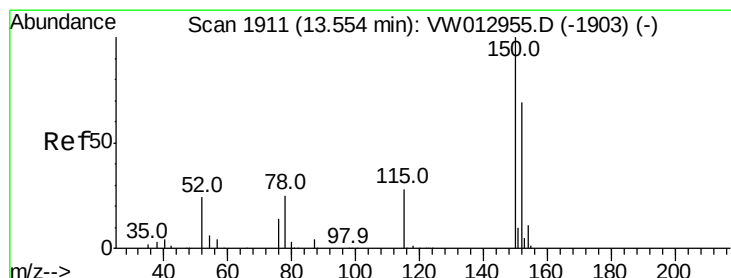
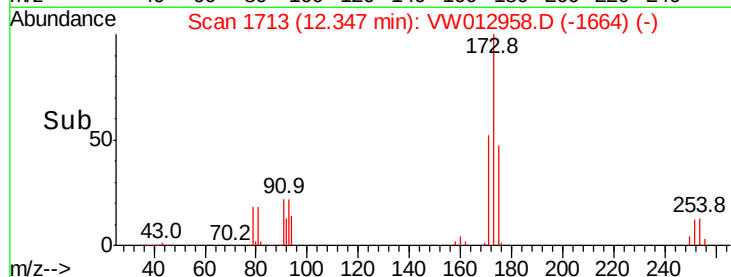
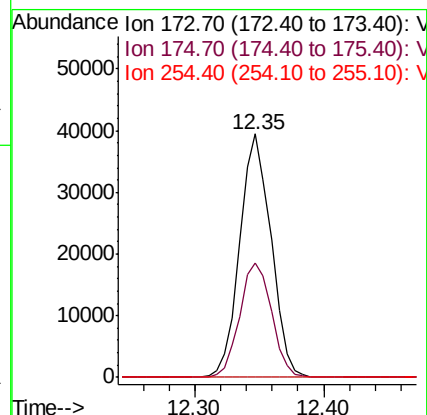
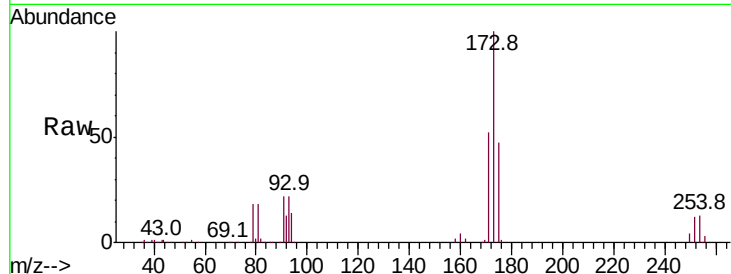




#71
Bromoform
Concen: 49.330 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

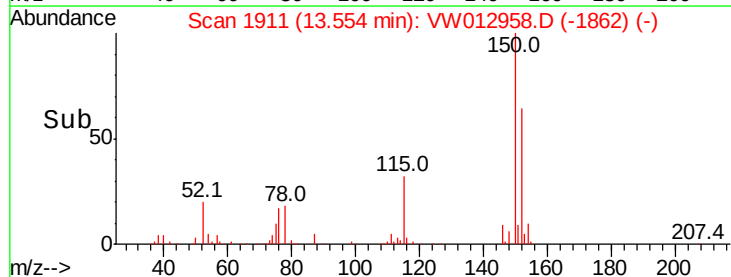
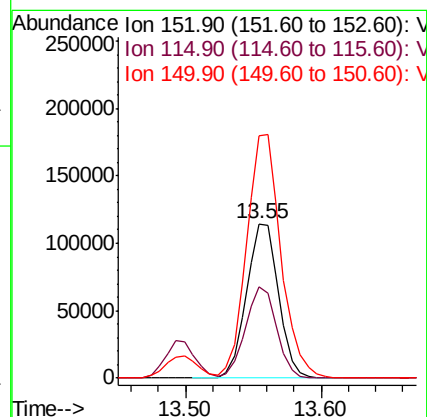
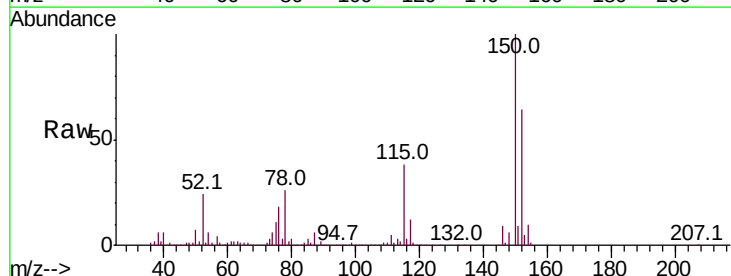
Instrument :
MSVOA_W
ClientSampled :

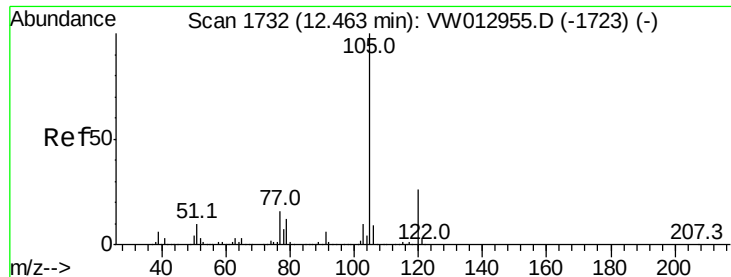
Tot Ion:173 Resp: 66301
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:152 Resp: 188233
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.4
150 169.3 0.0 340.2





#73

Isopropylbenzene

Concen: 47.543 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

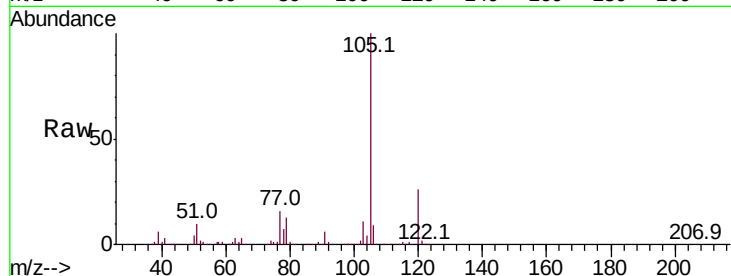
ClientSampleId :

Tot Ion:105 Resp: 593171

Ion Ratio Lower Upper

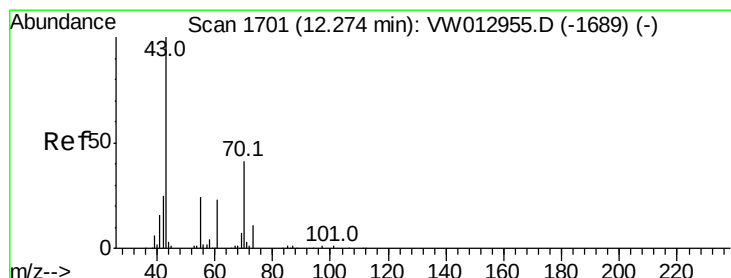
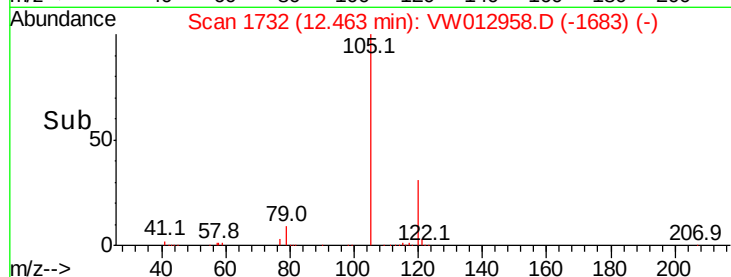
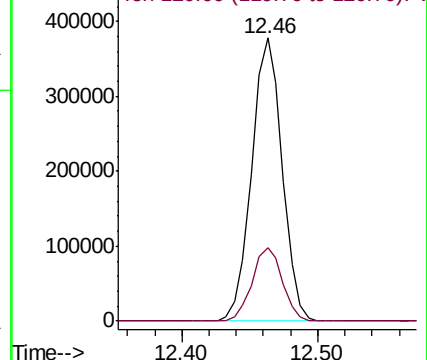
105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.502 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Tgt Ion: 43 Resp: 155666

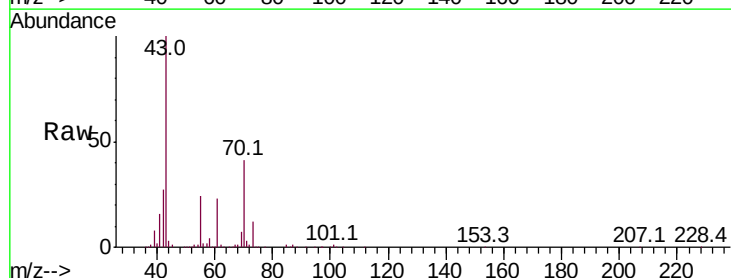
Ion Ratio Lower Upper

43 100

70 40.4 31.7 47.5

55 23.8 19.4 29.2

61 23.4 18.7 28.1

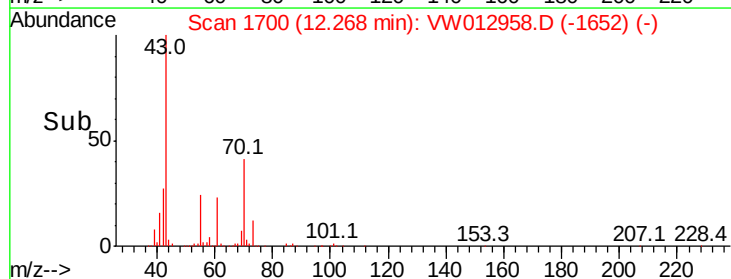
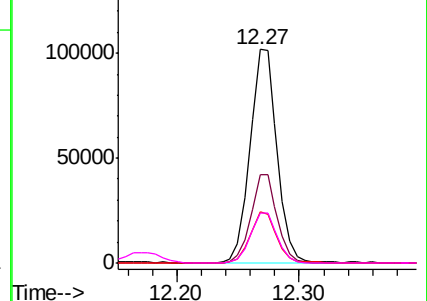


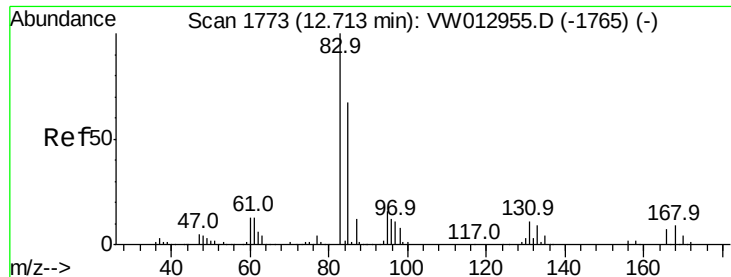
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 47.251 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

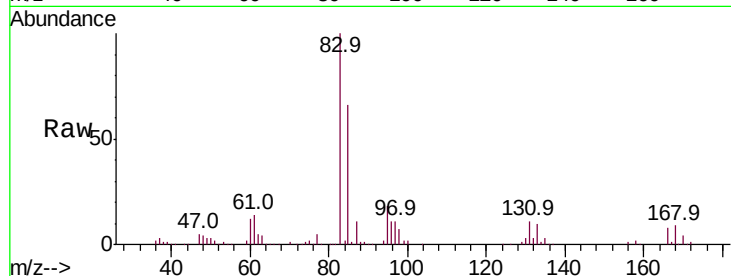
Tot Ion: 83 Resp: 103543

Ion Ratio Lower Upper

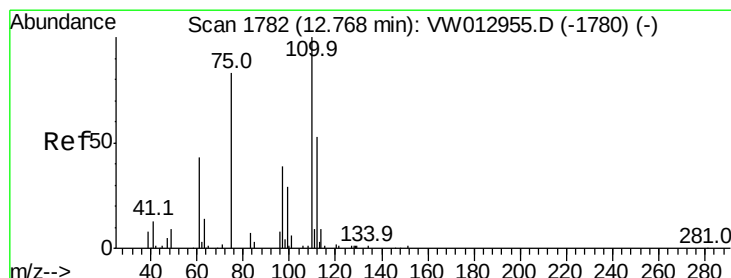
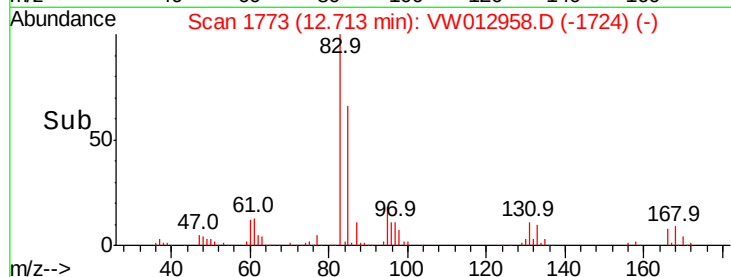
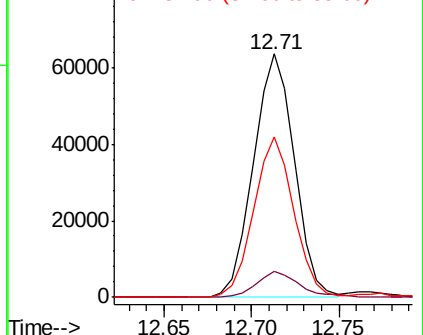
83 100

131 11.3 5.7 17.1

85 64.0 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.575 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012958.D

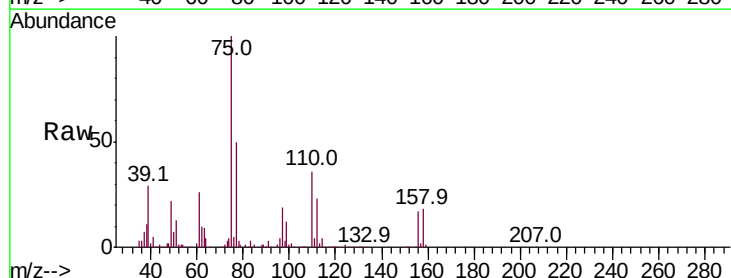
Acq: 13 Sep 2019 16:55

Tgt Ion: 75 Resp: 142743

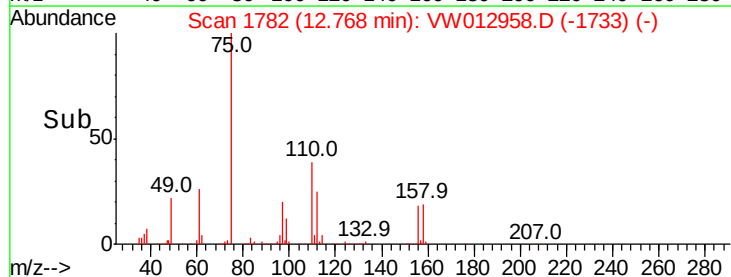
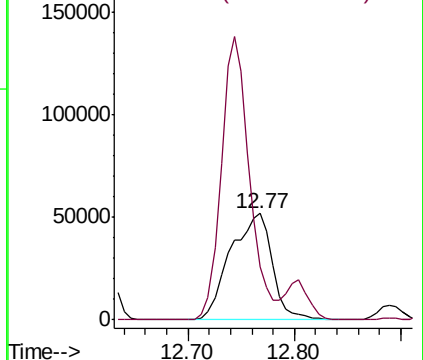
Ion Ratio Lower Upper

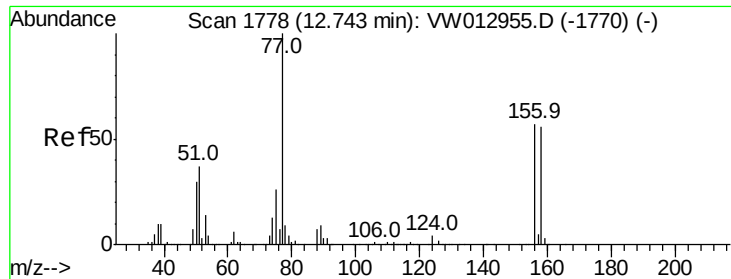
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.566 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

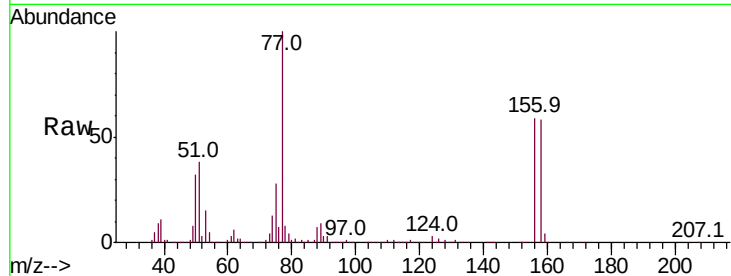
ClientSampled :

Tot Ion:156 Resp: 136718

Ion	Ratio	Lower	Upper
156	100		
77	187.1	95.2	285.6
158	96.9	49.0	147.2

77 187.1 95.2 285.6

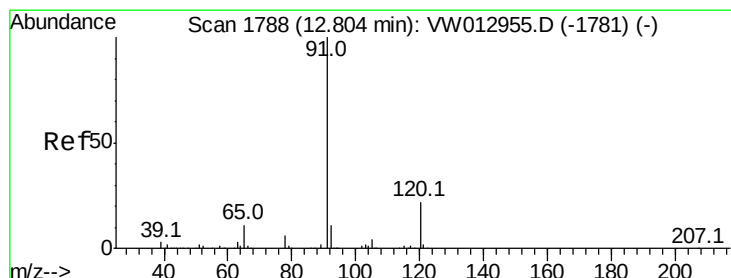
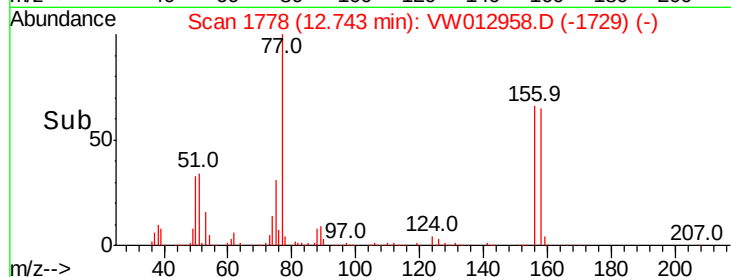
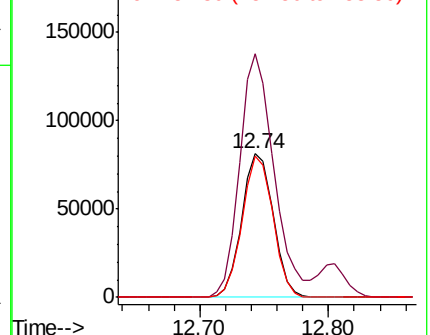
158 96.9 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.806 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012958.D

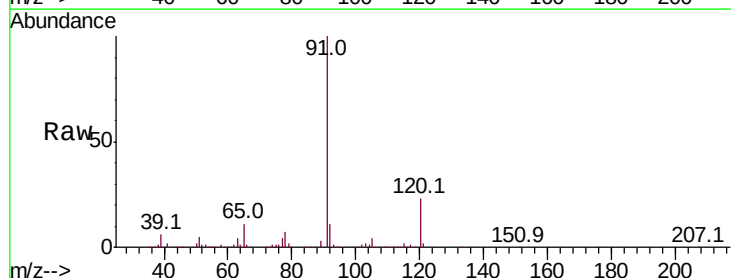
Acq: 13 Sep 2019 16:55

Tgt Ion: 91 Resp: 701611

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5

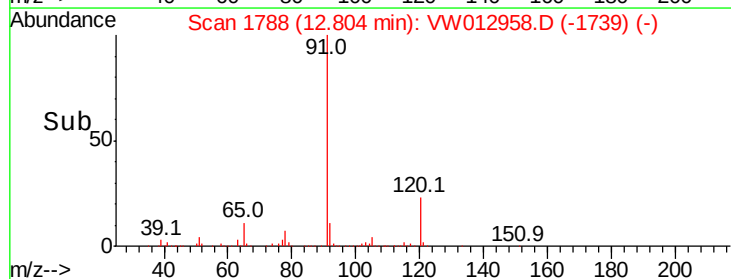
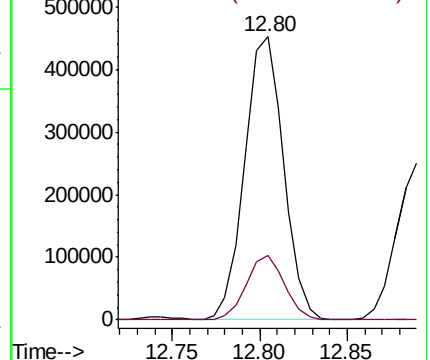
91 100

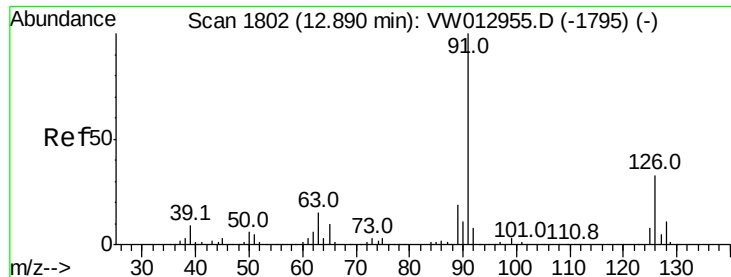
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.587 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

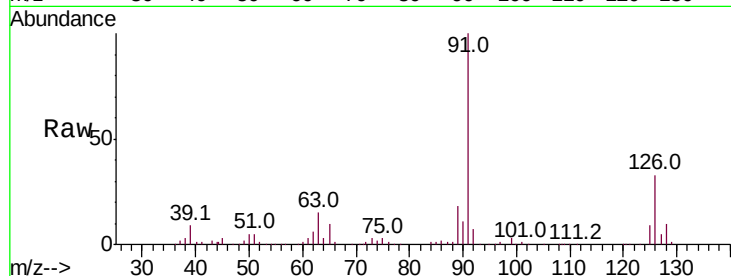
ClientSampleId :

Tot Ion: 91 Resp: 401479

Ion Ratio Lower Upper

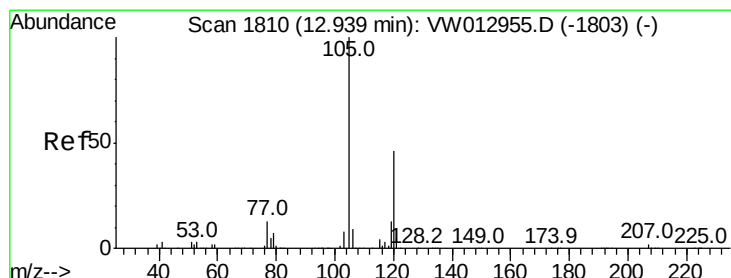
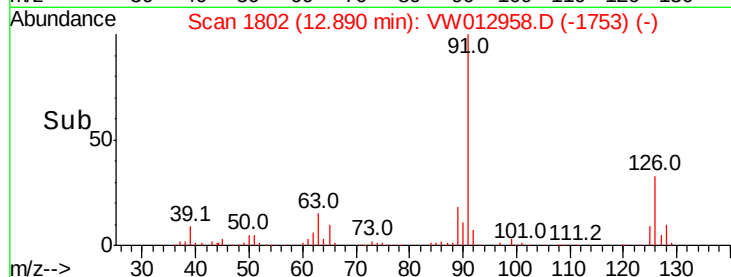
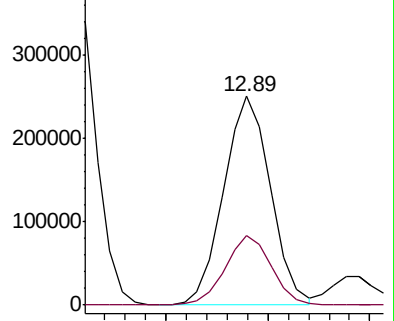
91 100

126 32.6 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.287 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW012958.D

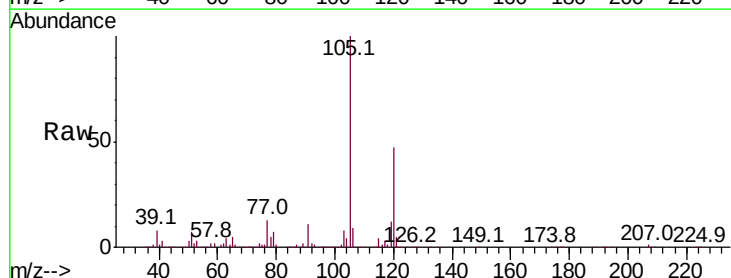
Acq: 13 Sep 2019 16:55

Tgt Ion:105 Resp: 499127

Ion Ratio Lower Upper

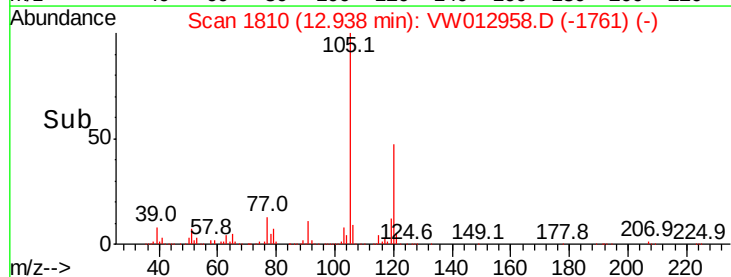
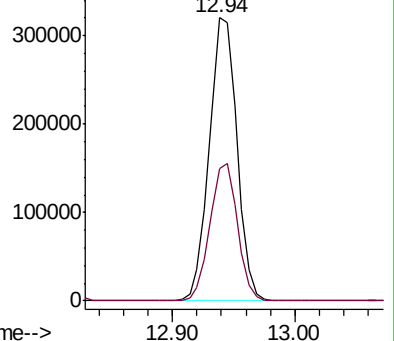
105 100

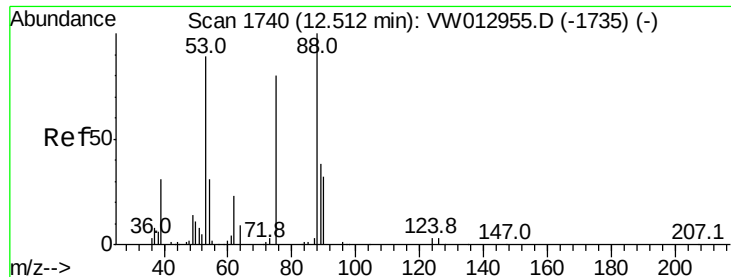
120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.257 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012958.D

Acq: 13 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampled :

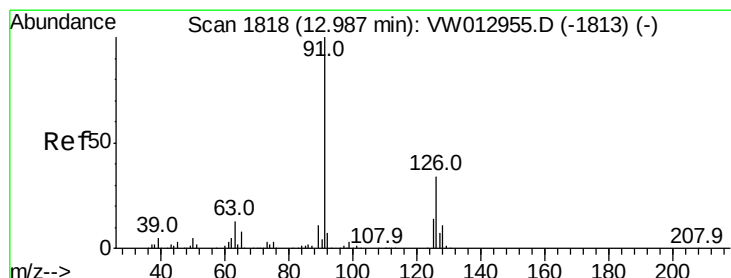
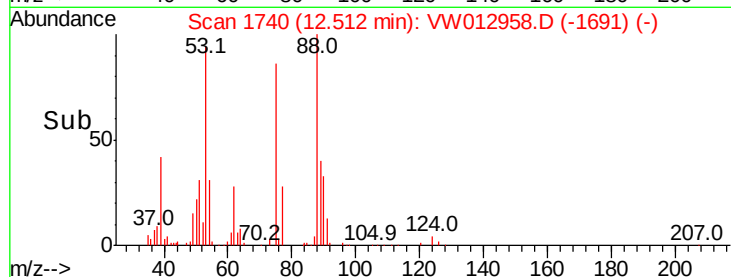
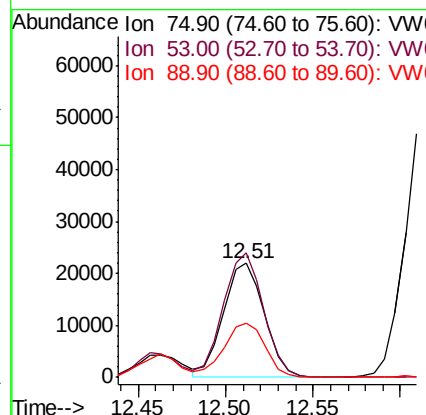
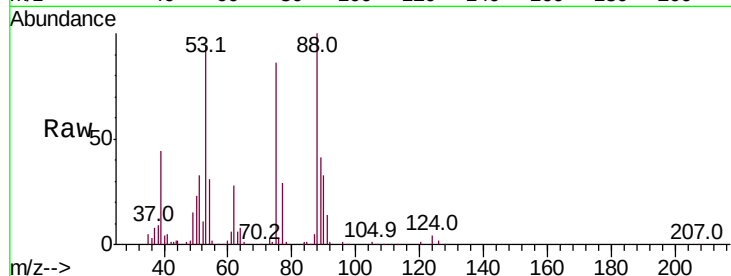
Tot Ion: 75 Resp: 35801

Ion Ratio Lower Upper

75 100

53 107.3 85.6 128.4

89 48.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 47.093 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012958.D

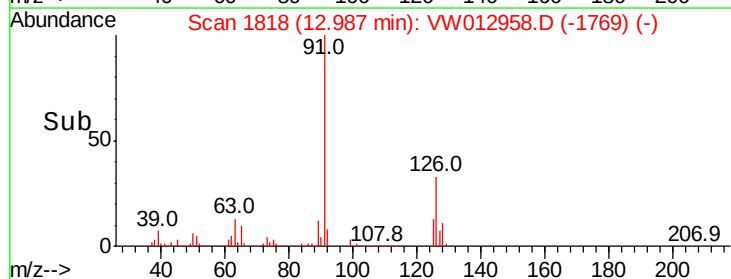
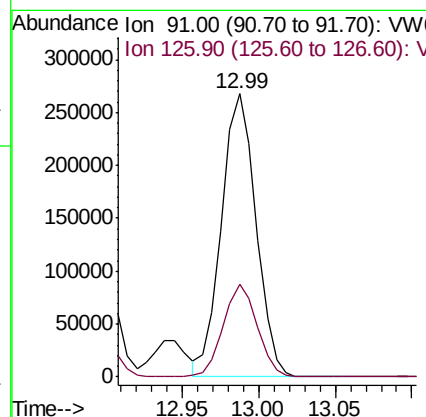
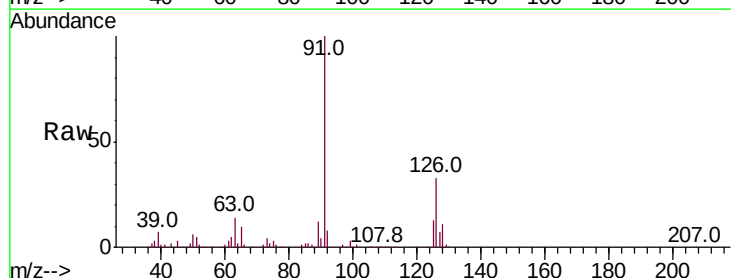
Acq: 13 Sep 2019 16:55

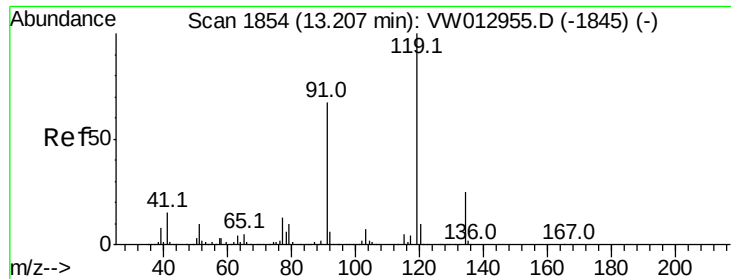
Tgt Ion: 91 Resp: 419210

Ion Ratio Lower Upper

91 100

126 32.4 16.1 48.3





#83

tert-Butylbenzene

Concen: 47.653 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012958.D

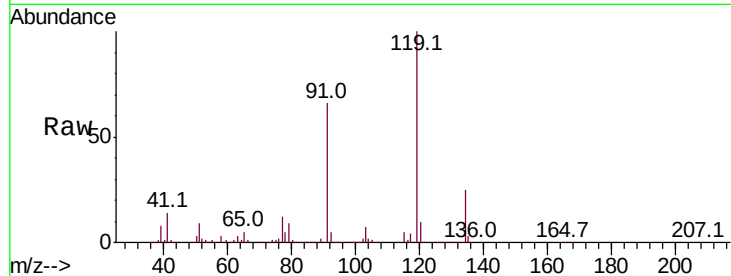
Acq: 13 Sep 2019 16:55

Instrument :

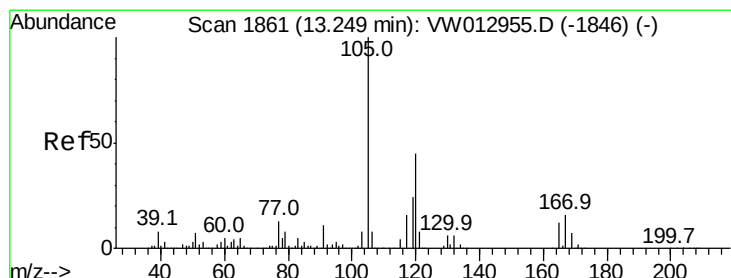
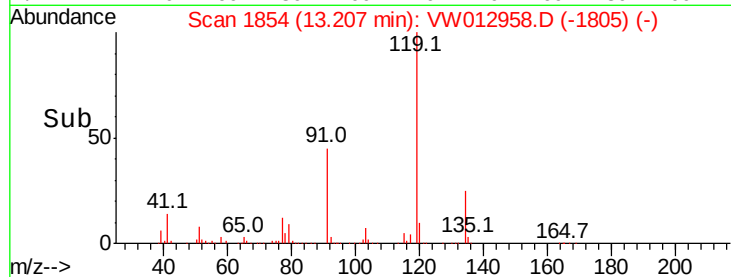
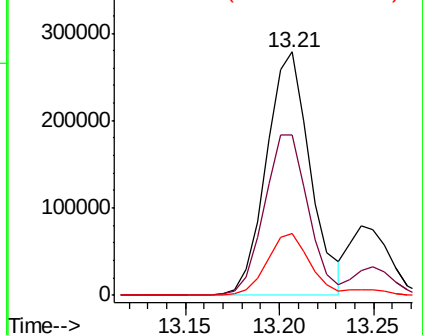
MSVOA_W

ClientSampled :

Tot Ion:	119	Resp:	449907
Ion	Ratio	Lower	Upper
119	100		
91	66.1	32.6	98.0
134	26.7	12.4	37.4



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



#84

1,2,4-Trimethylbenzene

Concen: 47.702 ug/l

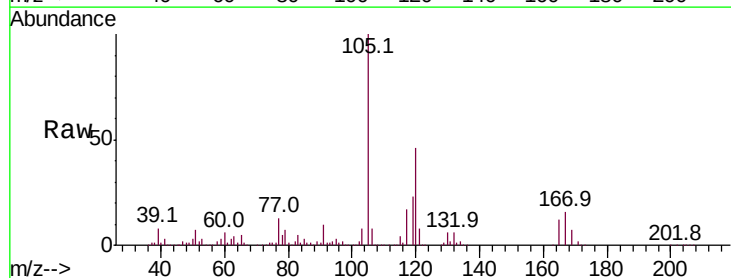
RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

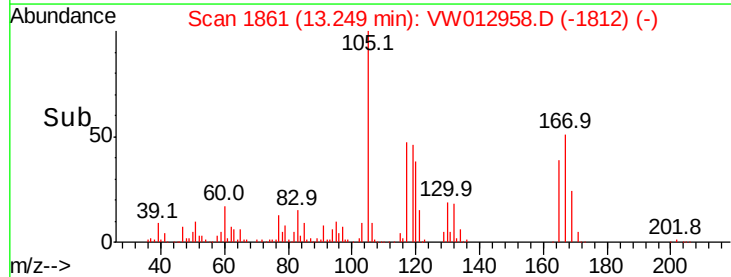
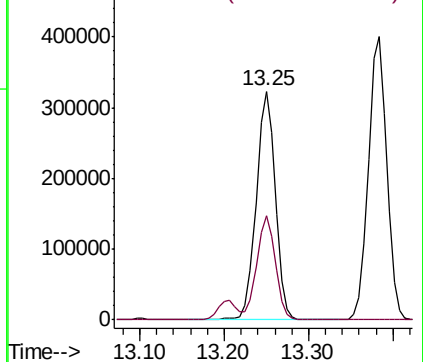
Lab File: VW012958.D

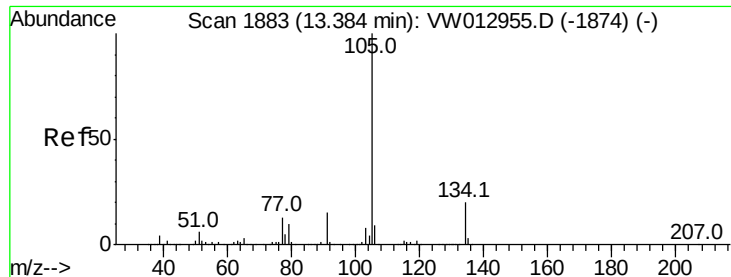
Acq: 13 Sep 2019 16:55

Tgt Ion:	105	Resp:	497544
Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7



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

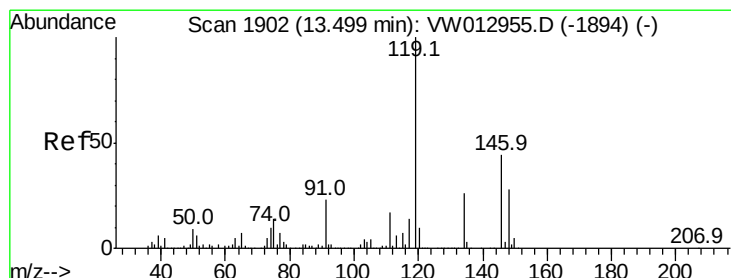
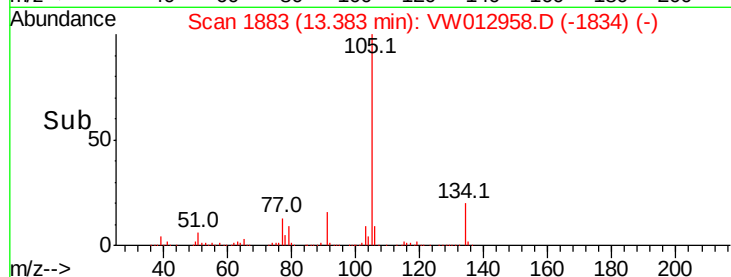
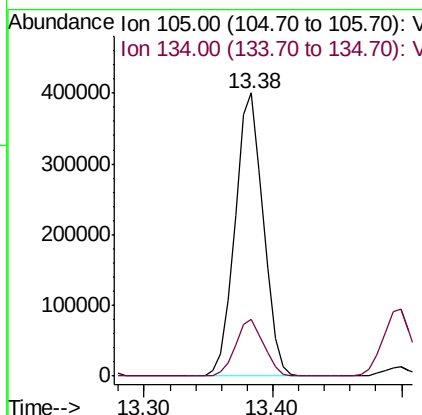
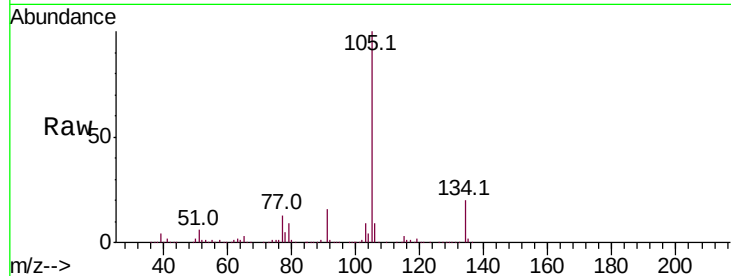




#85
 sec-Butylbenzene
 Concen: 47.220 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

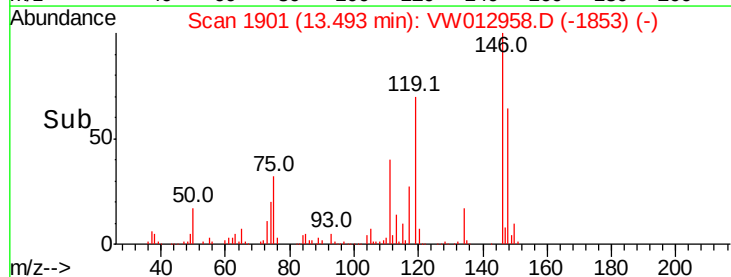
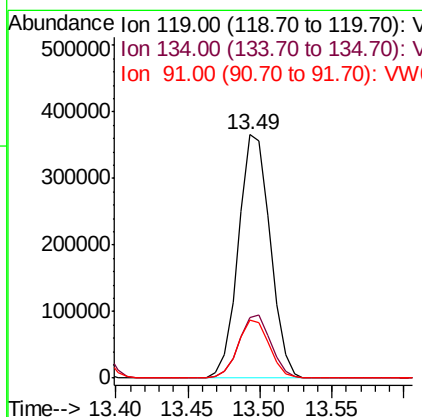
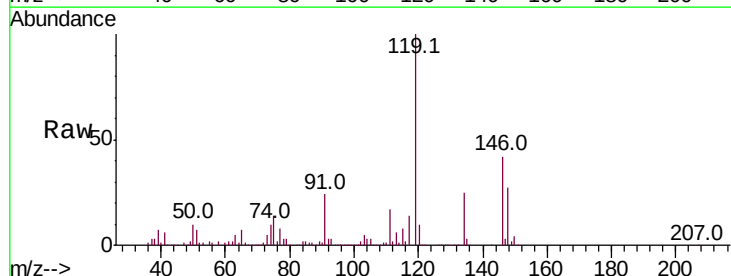
Instrument :
 MSVOA_W
 ClientSampled :

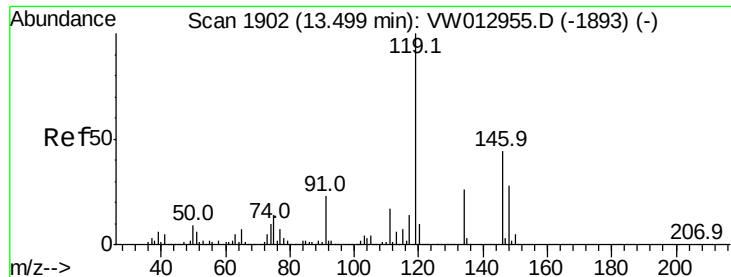
Tot Ion:105 Resp: 607398
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.426 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion:119 Resp: 560091
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 23.4 11.8 35.4

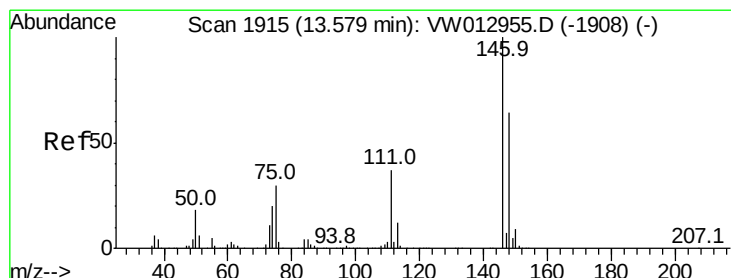
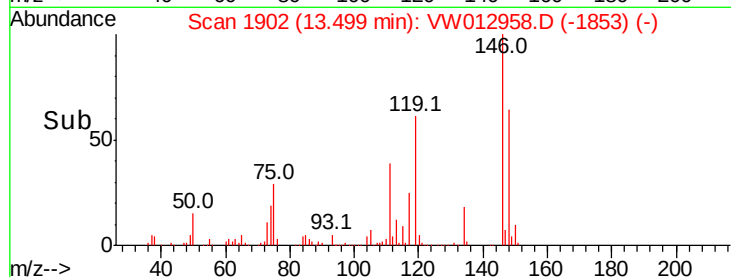
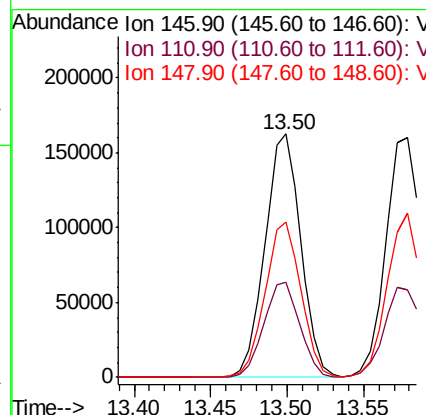
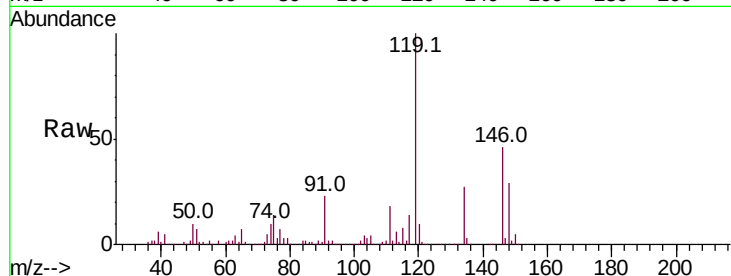




#87
 1,3-Dichlorobenzene
 Concen: 46.685 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

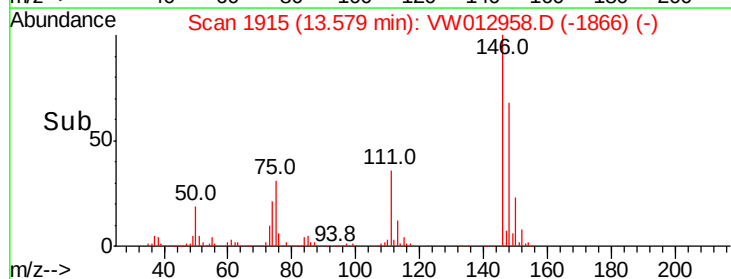
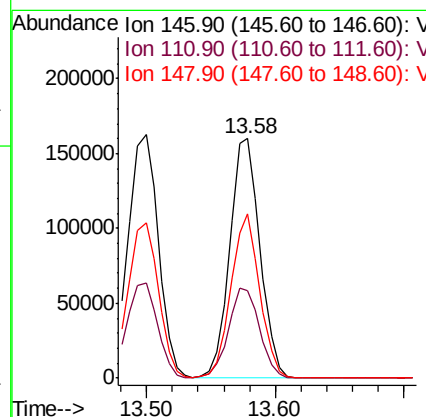
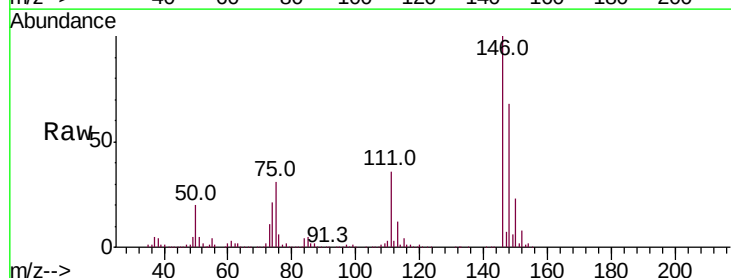
Instrument :
 MSVOA_W
 ClientSampleId :

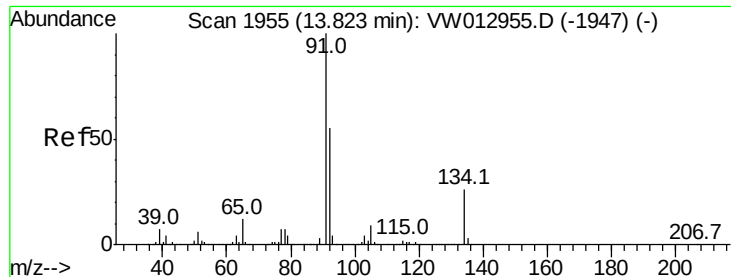
Tot Ion:146 Resp: 265637
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion:146 Resp: 262581
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 65.1 31.9 95.5

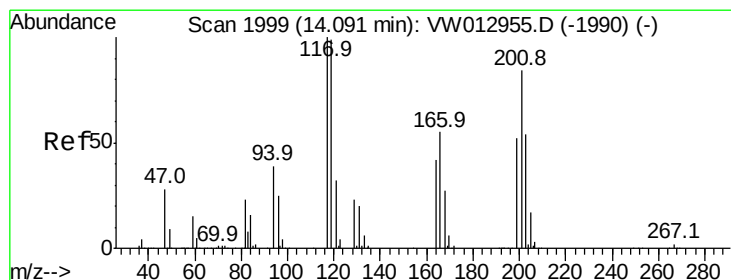
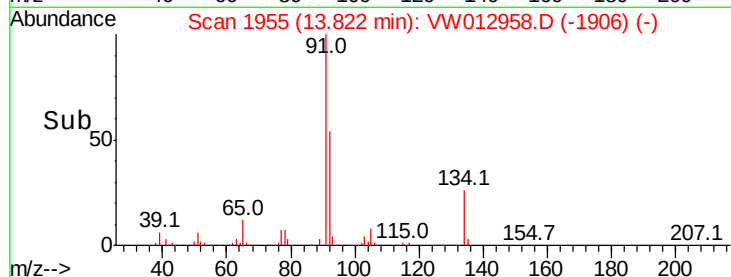
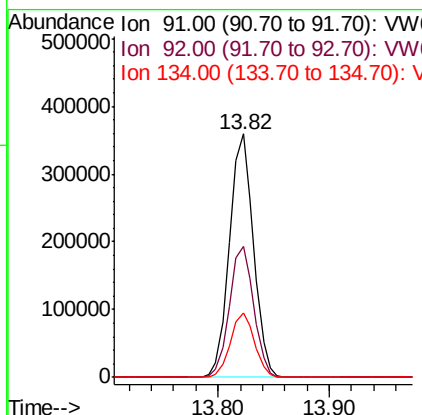
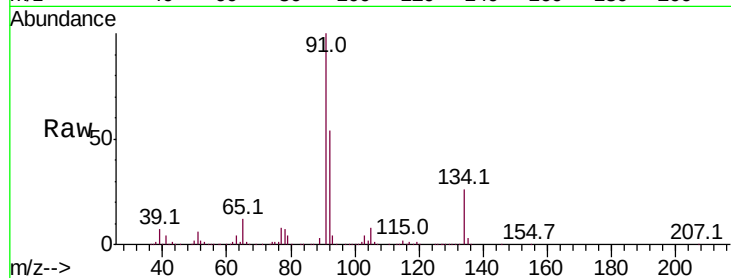




#89
n-Butylbenzene
Concen: 47.977 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

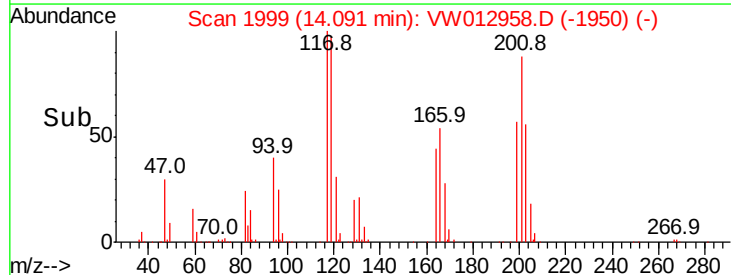
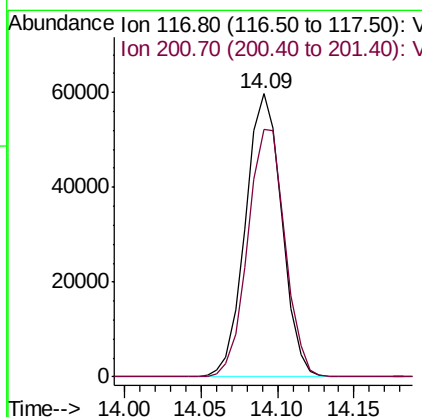
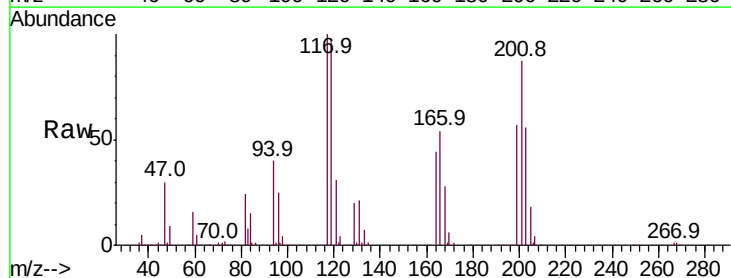
Instrument :
MSVOA_W
ClientSampleId :

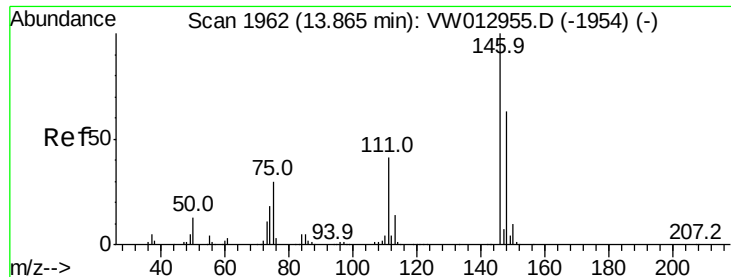
Tot Ion: 91 Resp: 534356
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 26.5 13.1 39.1



#90
Hexachloroethane
Concen: 46.607 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion: 117 Resp: 98637
Ion Ratio Lower Upper
117 100
201 90.0 45.3 135.9

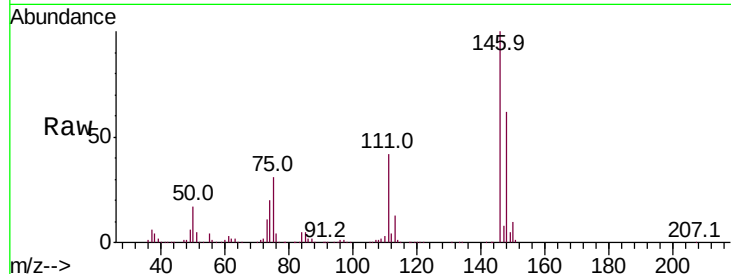




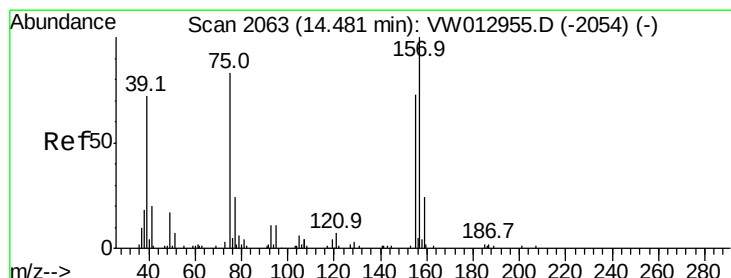
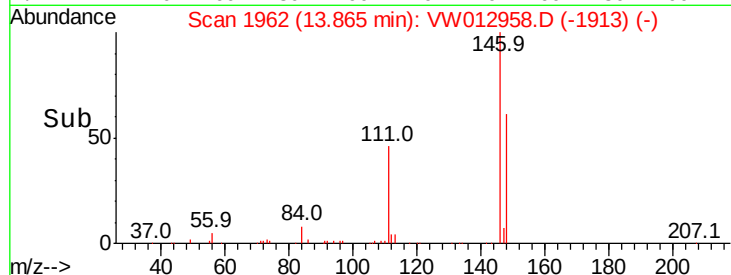
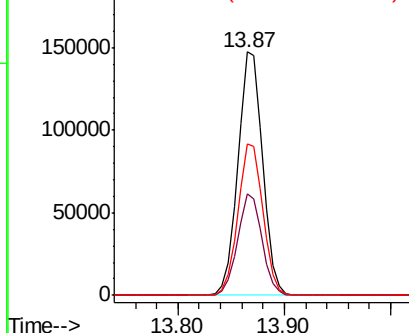
#91
 1,2-Dichlorobenzene
 Concen: 48.056 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	62.8	32.7	98.1

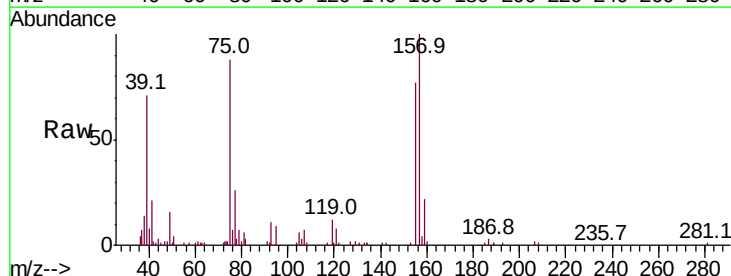


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

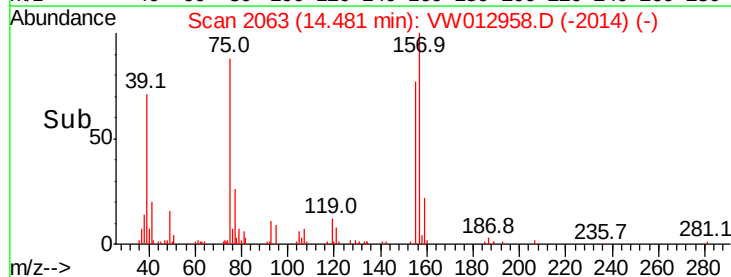
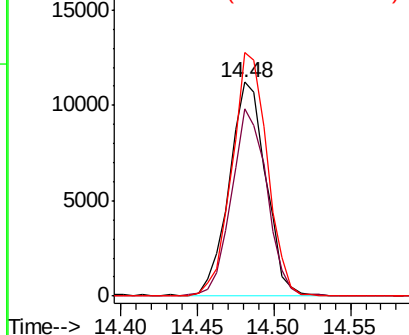


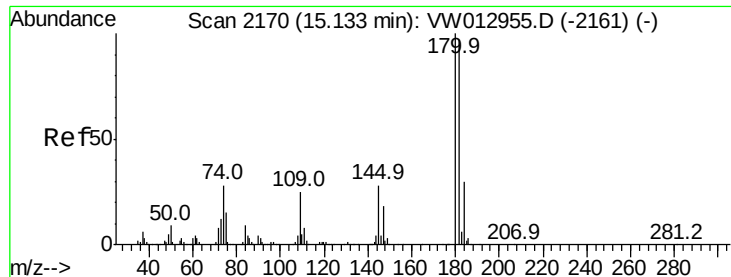
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.481 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	43.3	129.9
157	109.9	54.7	164.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

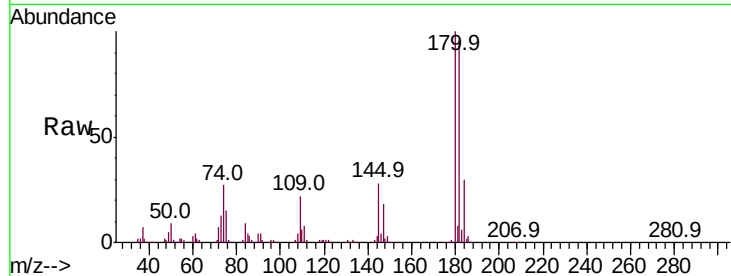




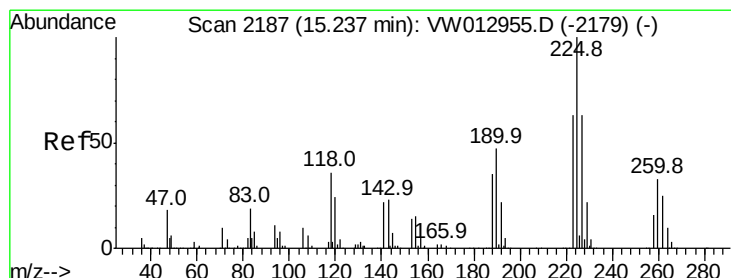
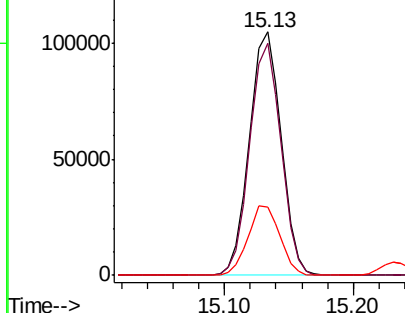
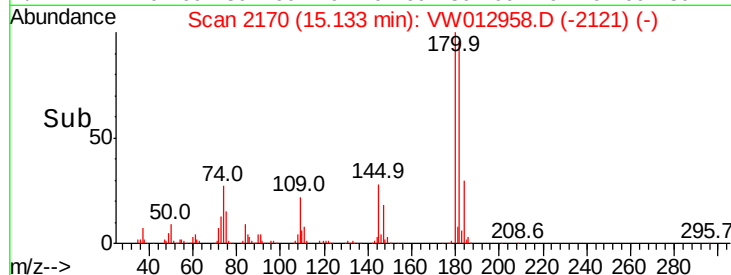
#93
 1,2,4-Trichlorobenzene
 Concen: 49.985 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.2
145	28.7	14.9	44.7

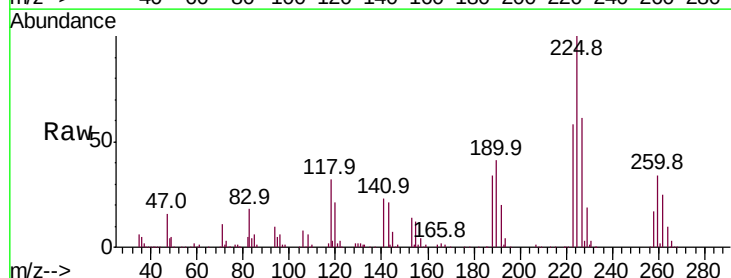


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

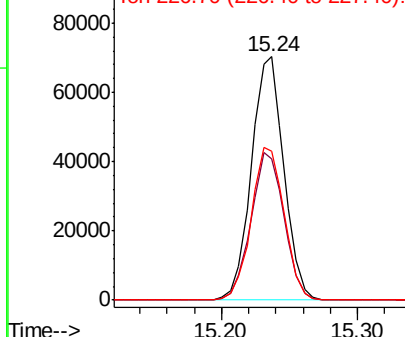
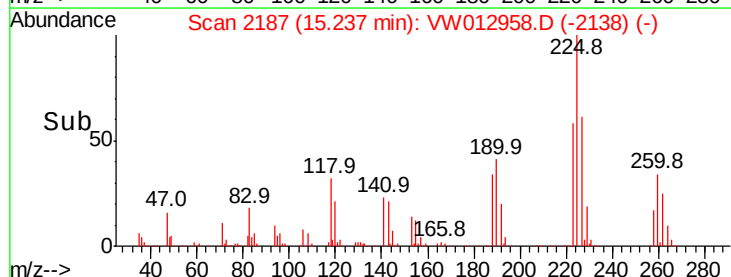


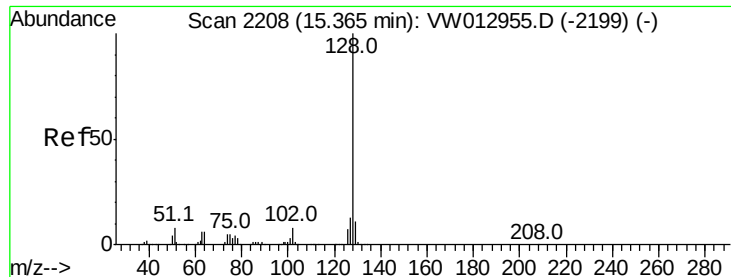
#94
 Hexachlorobutadiene
 Concen: 46.463 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012958.D
 Acq: 13 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.8	95.3
227	63.9	31.3	93.8



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

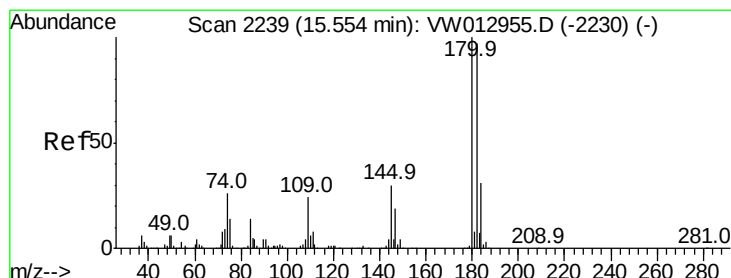
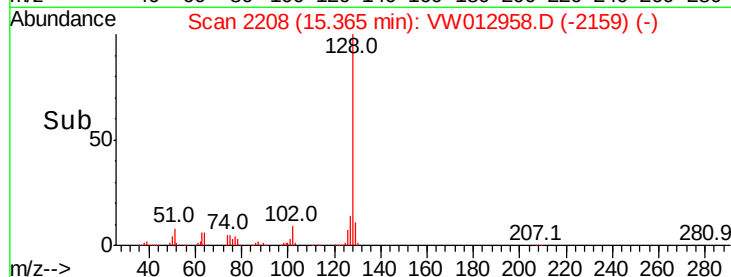
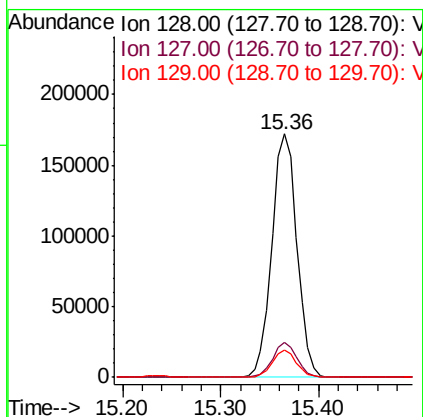
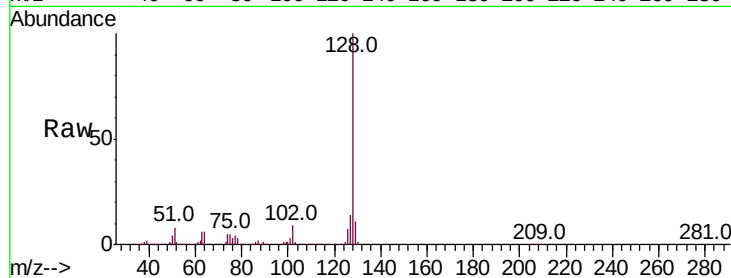




#95
Naphthalene
Concen: 51.683 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 308163
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.245 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012958.D
Acq: 13 Sep 2019 16:55

Tgt Ion:180 Resp: 155341
Ion Ratio Lower Upper
180 100
182 93.7 47.6 142.8
145 30.9 15.4 46.2

