

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012633.D
 Acq On : 05 Sep 2019 11:49
 Operator : SY/VA
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 15:46:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142549	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.88	113	115358	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	448927	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	160403	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25310	17.125	ug/l	97
3) Chloromethane	2.21	50	36093	15.762	ug/l	97
4) Vinyl Chloride	2.35	62	42826	15.281	ug/l	99
5) Bromomethane	2.77	94	23158	16.316	ug/l	96
6) Chloroethane	2.91	64	24910	15.756	ug/l	96
7) Trichlorofluoromethane	3.24	101	27129	19.277	ug/l	99
8) Diethyl Ether	3.68	74	22410	16.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42466	17.753	ug/l	95
10) Methyl Iodide	4.26	142	55256	17.072	ug/l	97
11) Tert butyl alcohol	5.21	59	14573	84.866	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	41013	17.034	ug/l	97
13) Acrolein	3.89	56	8516	52.685	ug/l	91
14) Allyl chloride	4.66	41	86633	16.831	ug/l	95
15) Acrylonitrile	5.36	53	59778	90.286	ug/l	97
16) Acetone	4.14	43	58064	79.606	ug/l	95
17) Carbon Disulfide	4.37	76	95399	13.111	ug/l	99
18) Methyl Acetate	4.67	43	32328	17.895	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	77733	19.965	ug/l	98
20) Methylene Chloride	4.91	84	50478	18.306	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	47784	18.508	ug/l	100
22) Diisopropyl ether	6.31	45	190940	20.013	ug/l	98
23) Vinyl Acetate	6.25	43	546994	93.160	ug/l	100
24) 1,1-Dichloroethane	6.21	63	105931	20.392	ug/l	100
25) 2-Butanone	7.17	43	89951	90.753	ug/l	96
26) 2,2-Dichloropropane	7.16	77	65372	22.233	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56203	20.375	ug/l	99
28) Bromochloromethane	7.51	49	45102	19.920	ug/l	94
29) Tetrahydrofuran	7.53	42	53912	90.661	ug/l	98
30) Chloroform	7.67	83	100668	21.181	ug/l	98
31) Cyclohexane	7.95	56	92118	17.923	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	82564	21.960	ug/l	99
36) 1,1-Dichloropropene	8.08	75	78902	20.898	ug/l	100
37) Ethyl Acetate	7.25	43	35709	17.260	ug/l	97
38) Carbon Tetrachloride	8.06	117	74055	22.662	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81383	19.187	ug/l	99
40) Benzene	8.32	78	212816	20.643	ug/l	99
41) Methacrylonitrile	7.48	41	24143	19.855	ug/l	97
42) 1,2-Dichloroethane	8.40	62	73724	22.817	ug/l	99
43) Isopropyl Acetate	8.42	43	75420	19.680	ug/l	98
44) Trichloroethene	9.09	130	54556	21.769	ug/l	95
45) 1,2-Dichloropropane	9.37	63	57236	20.629	ug/l	96
46) Dibromomethane	9.46	93	26369	21.360	ug/l	98
47) Bromodichloromethane	9.64	83	73361	22.329	ug/l	96
48) Methyl methacrylate	9.43	41	35978	19.725	ug/l	98
49) 1,4-Dioxane	9.47	88	7240	383.098	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	192720	98.869	ug/l	99
52) Toluene	10.38	92	132222	21.349	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	70471	21.057	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	82693	20.464	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37221	21.310	ug/l	97
56) Ethyl methacrylate	10.65	69	50969	20.050	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69663	21.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	136706	104.784	ug/l	98
59) 2-Hexanone	10.97	43	134032	97.180	ug/l	99
60) Dibromochloromethane	11.13	129	42947	22.076	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34358	21.115	ug/l	98
64) Tetrachloroethene	10.86	164	44989	22.303	ug/l	99
65) Chlorobenzene	11.66	112	135620	22.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49099	22.973	ug/l	98
67) Ethyl Benzene	11.73	91	260508	22.074	ug/l	98
68) m/p-Xylenes	11.83	106	186814	43.946	ug/l	99
69) o-Xylene	12.16	106	87518	22.244	ug/l	99
70) Styrene	12.18	104	152174	22.345	ug/l	99
71) Bromoform	12.35	173	23344	21.923	ug/l #	98
73) Isopropylbenzene	12.46	105	252241	21.475	ug/l	100
74) N-amyl acetate	12.27	43	68527	19.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42725	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58403	38.254	ug/l #	100
77) Bromobenzene	12.74	156	54254	21.350	ug/l	96
78) n-propylbenzene	12.80	91	303080	21.136	ug/l	98
79) 2-Chlorotoluene	12.89	91	172985	21.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	213613	21.764	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13518	19.414	ug/l	95
82) 4-Chlorotoluene	12.99	91	183431	21.518	ug/l	99
83) tert-Butylbenzene	13.21	119	185799	22.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	212845	21.588	ug/l	100
85) sec-Butylbenzene	13.38	105	257747	21.639	ug/l	100
86) p-Isopropyltoluene	13.50	119	235836	22.170	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108825	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106906	21.662	ug/l	99
89) n-Butylbenzene	13.82	91	225686	21.335	ug/l	99
90) Hexachloroethane	14.09	117	39975	21.419	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	95957	22.007	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7270	20.026	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

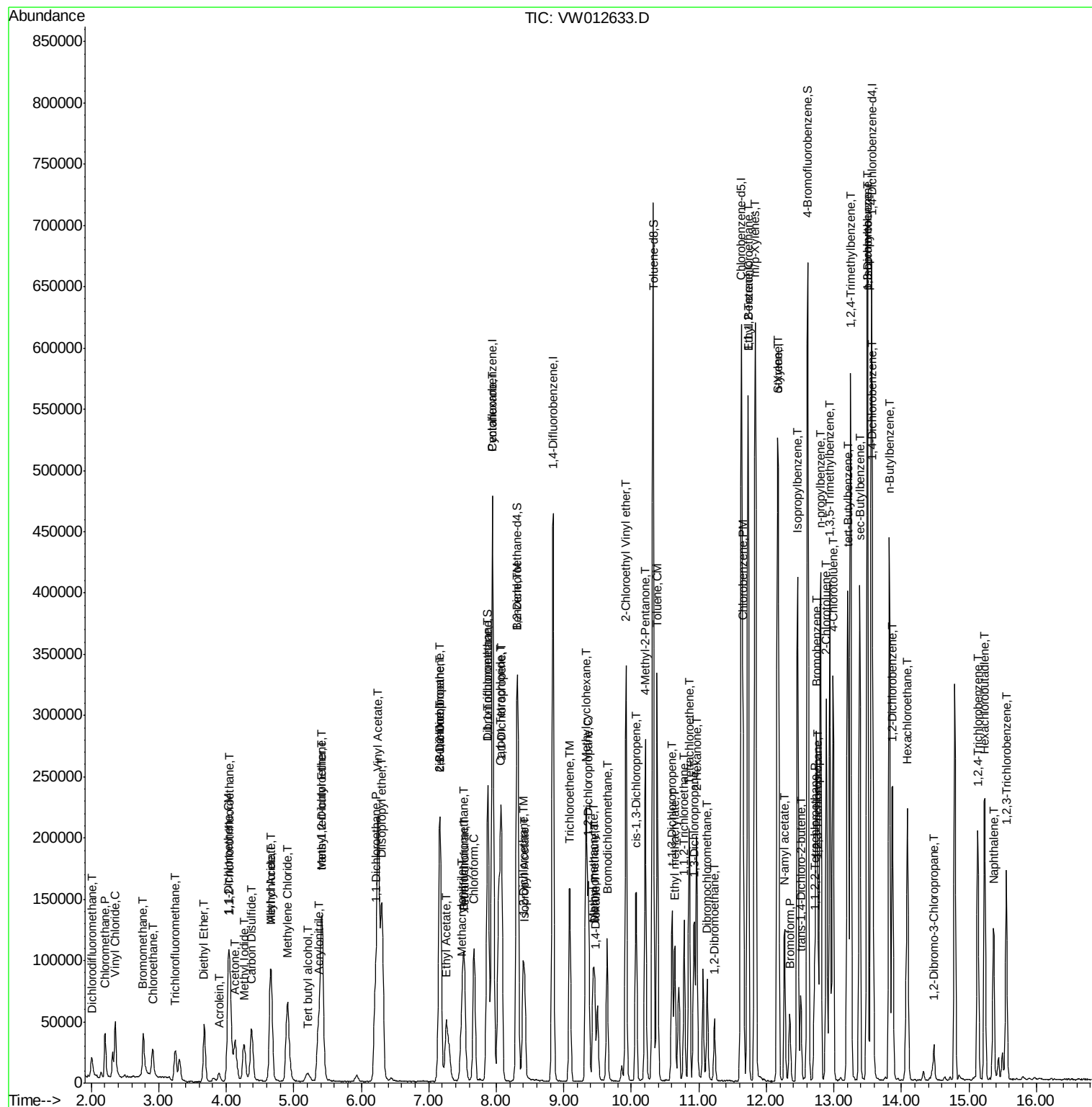
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65050	21.588	ug/l	98
94) Hexachlorobutadiene	15.24	225	48490	24.371	ug/l	97
95) Naphthalene	15.36	128	104359	20.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	56745	21.585	ug/l	98

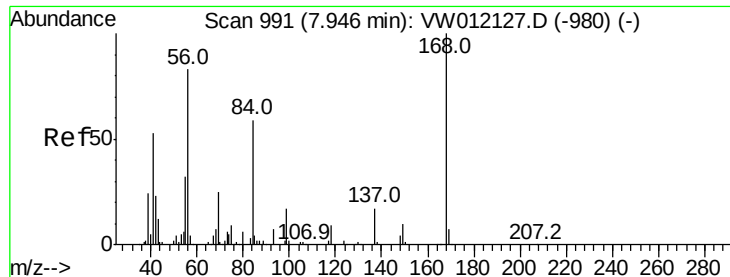
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Sep 05 15:46:24 2019
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

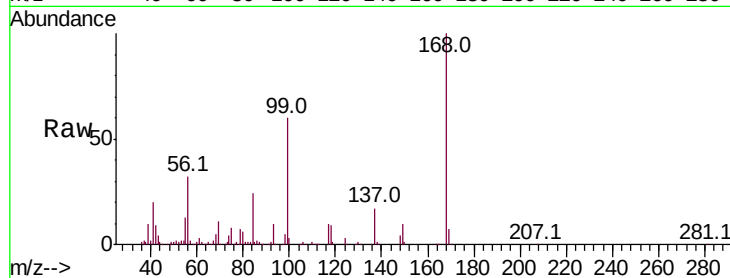
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 240034

Ion Ratio Lower Upper

168 100

99 60.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

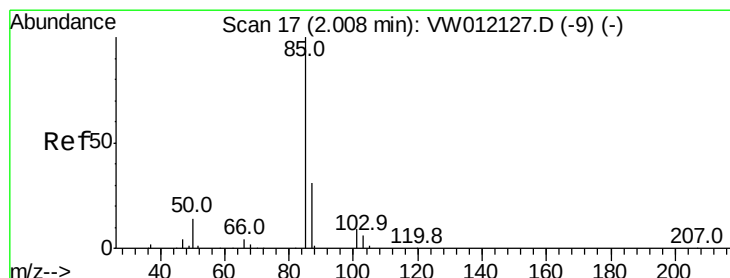
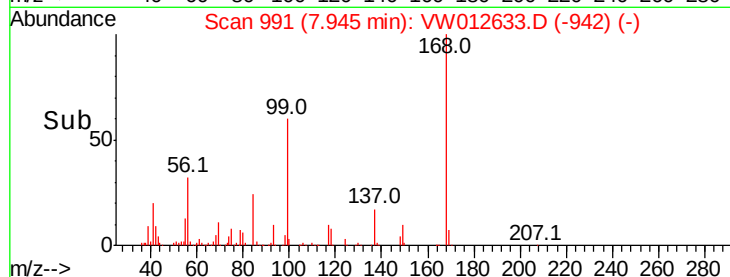
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.125 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012633.D

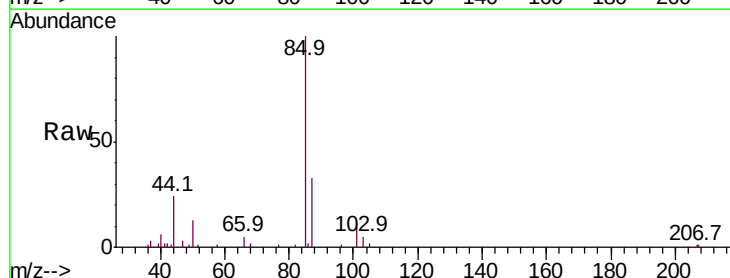
Acq: 05 Sep 2019 11:49

Tgt Ion: 85 Resp: 25310

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

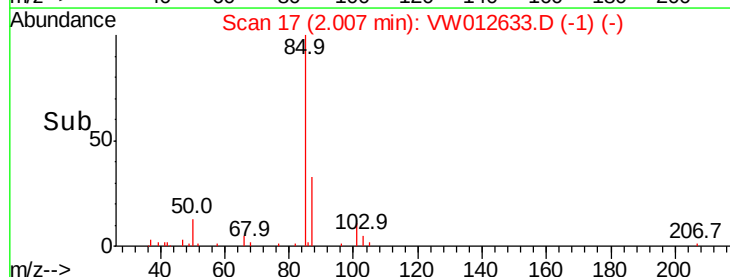
6000

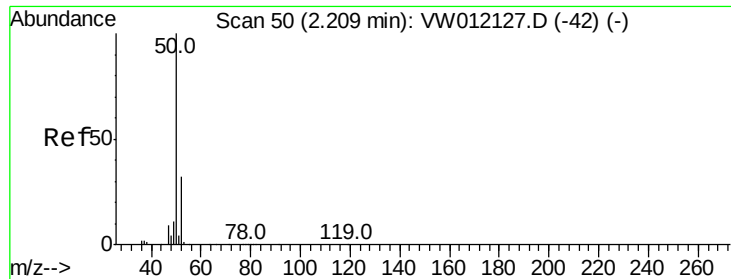
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 15.762 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

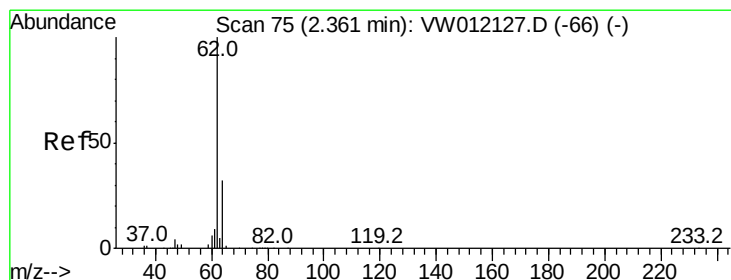
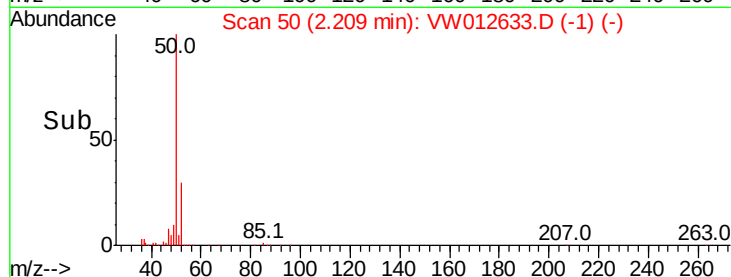
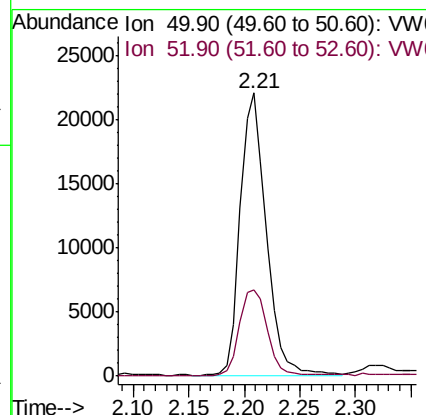
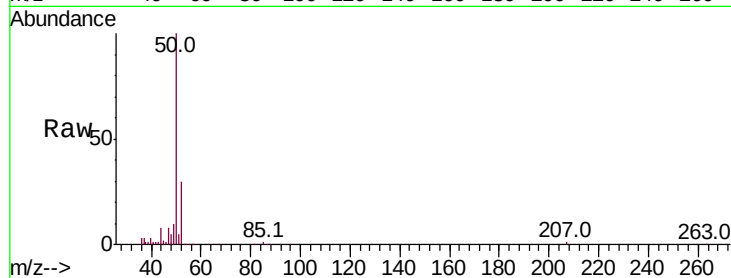
ClientSampleId :

Tot Ion: 50 Resp: 36093

Ion Ratio Lower Upper

50 100

52 30.4 25.5 38.3



#4

Vinyl Chloride

Concen: 15.281 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012633.D

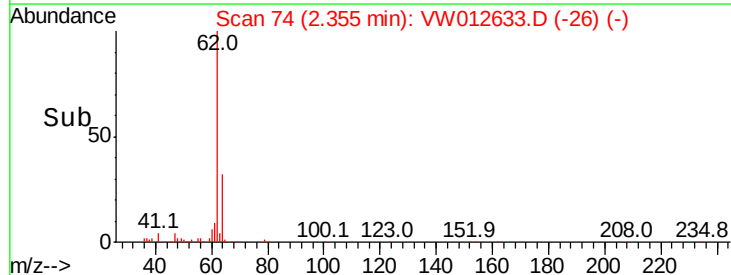
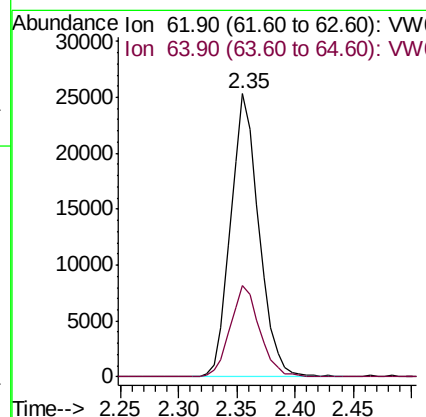
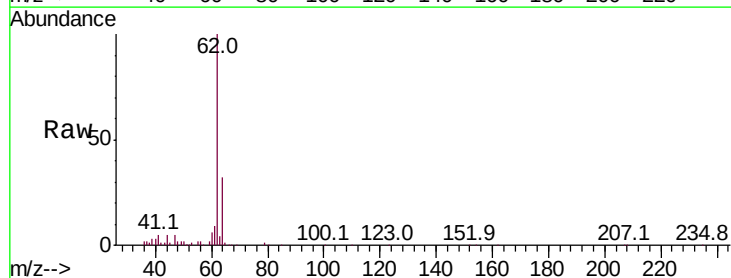
Acq: 05 Sep 2019 11:49

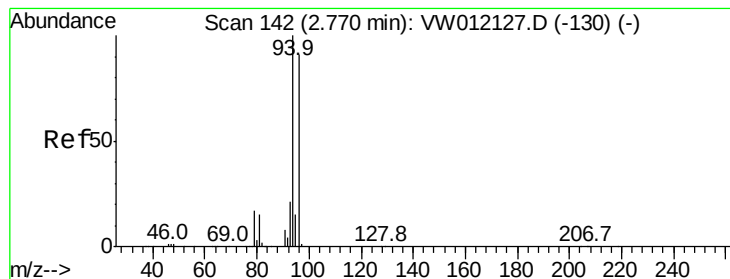
Tgt Ion: 62 Resp: 42826

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 16.316 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

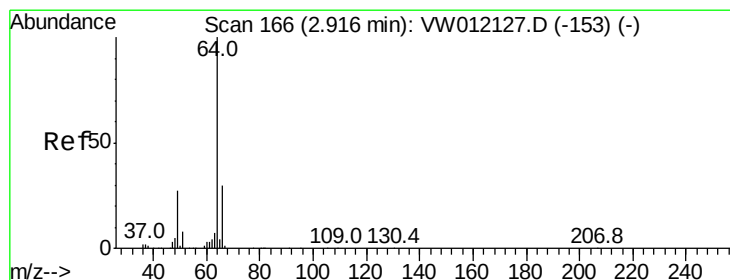
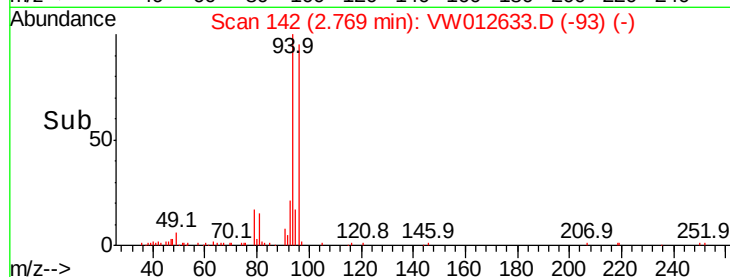
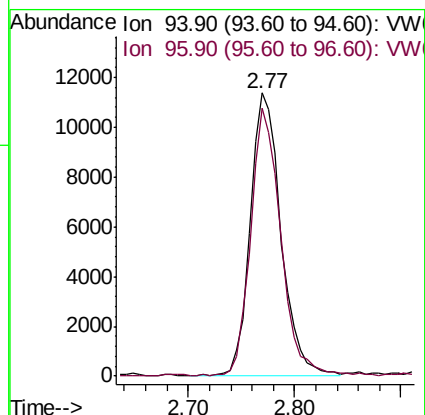
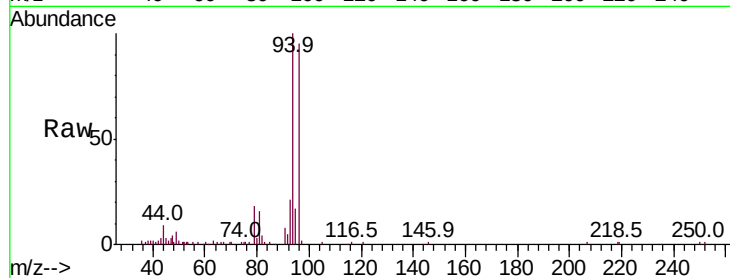
ClientSampleId :

Tot Ion: 94 Resp: 23158

Ion Ratio Lower Upper

94 100

96 94.8 72.9 109.3



#6

Chloroethane

Concen: 15.756 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012633.D

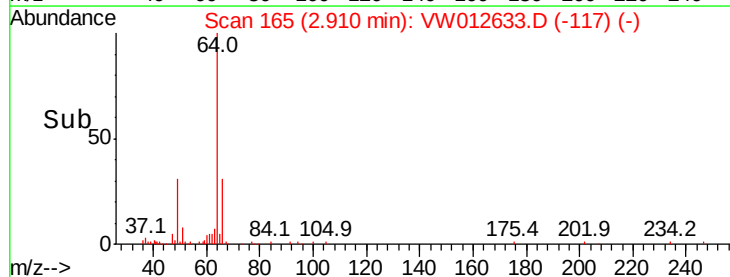
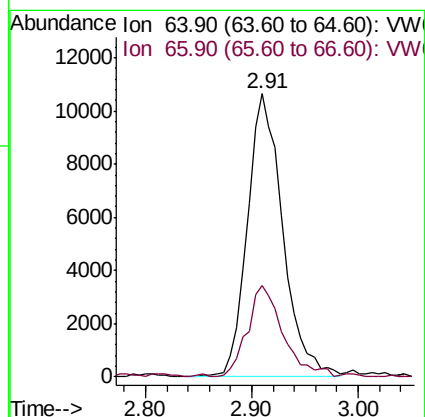
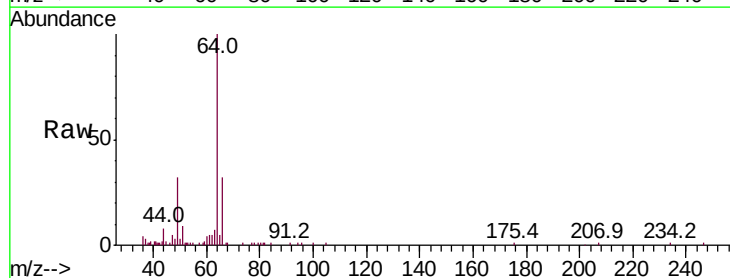
Acq: 05 Sep 2019 11:49

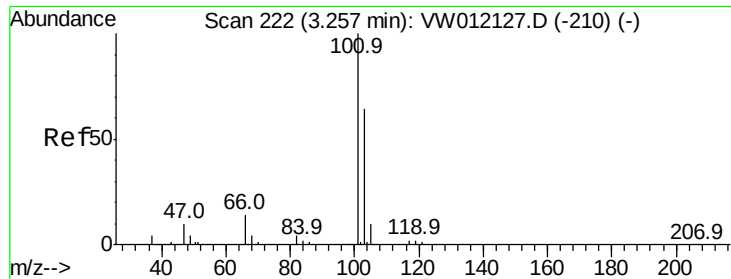
Tgt Ion: 64 Resp: 24910

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.8



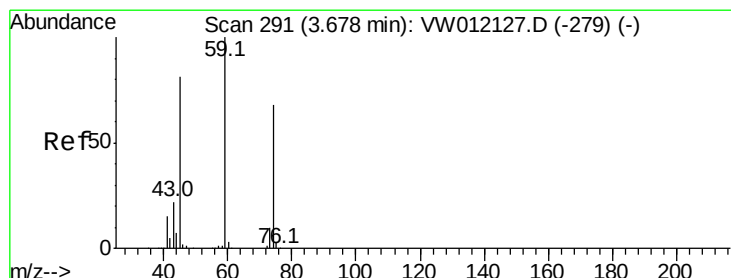
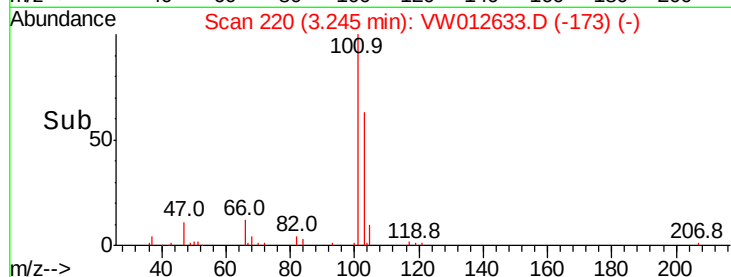
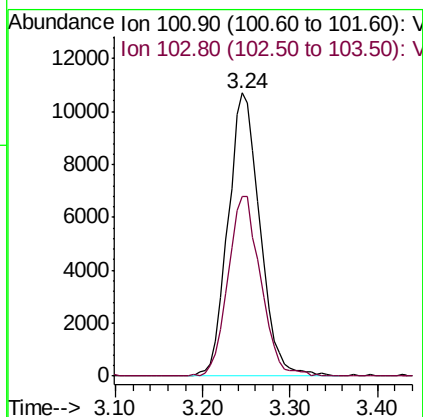
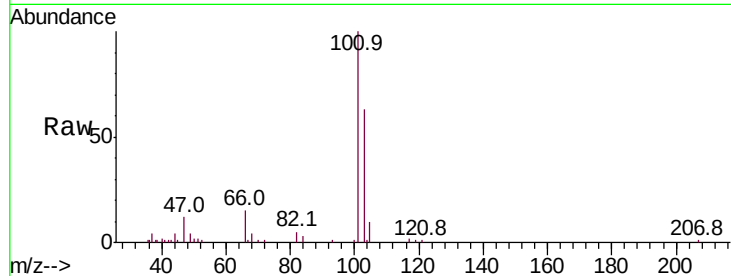


#7

Trichlorofluoromethane
 Concen: 19.277 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Instrument :
 MSVOA_W
 ClientSampled :

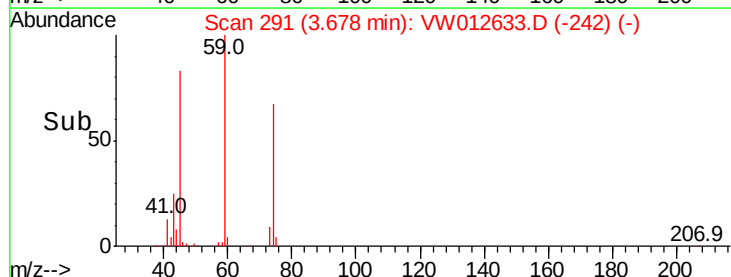
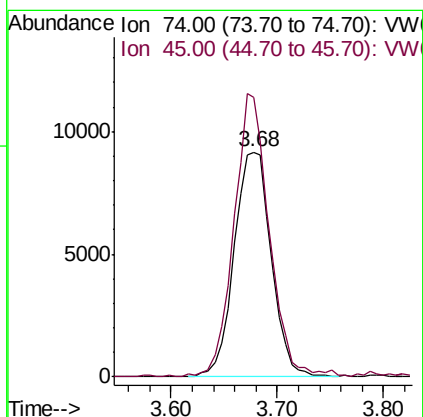
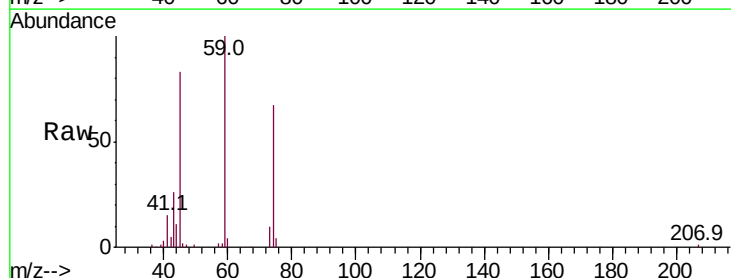
Tot Ion:101 Resp: 27129
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.2 76.8

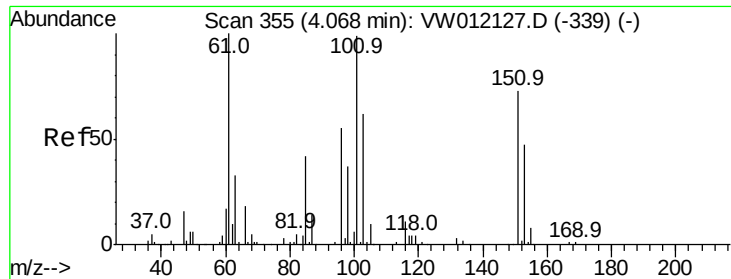


#8

Diethyl Ether
 Concen: 16.777 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 74 Resp: 22410
 Ion Ratio Lower Upper
 74 100
 45 120.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.753 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampled :

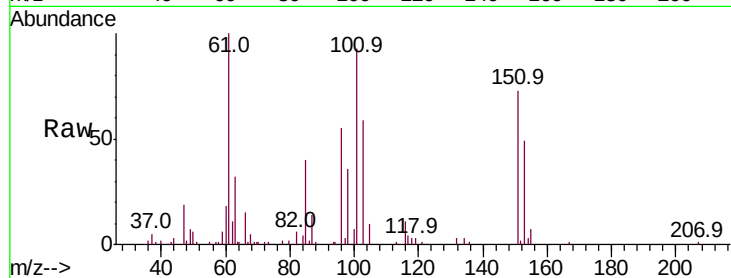
Tot Ion:101 Resp: 42466

Ion Ratio Lower Upper

101 100

85 47.5 35.8 53.6

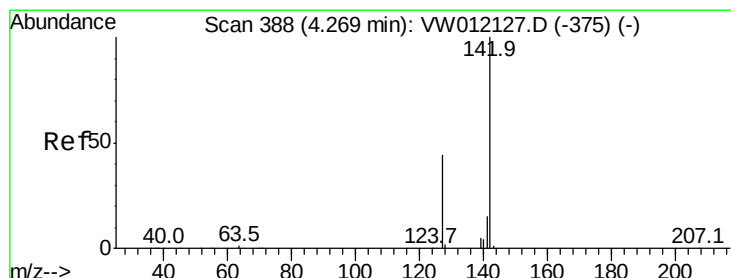
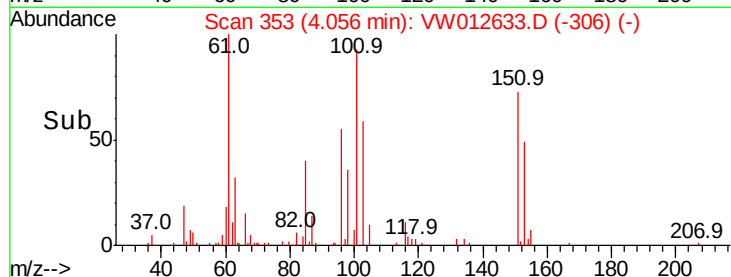
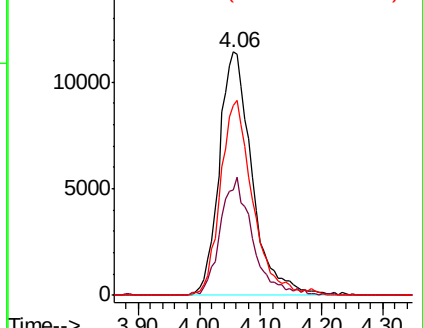
151 77.9 58.6 87.8



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: 17.072 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

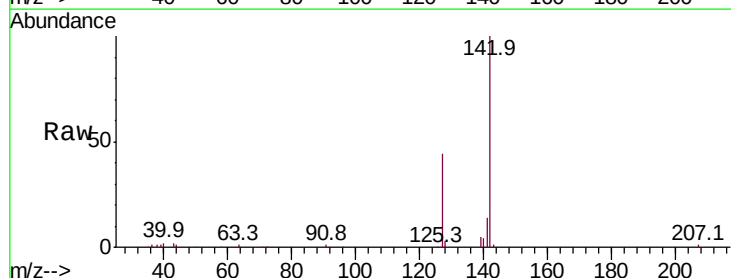
Tgt Ion:142 Resp: 55256

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

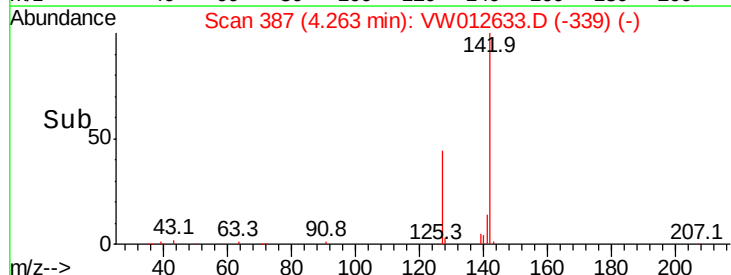
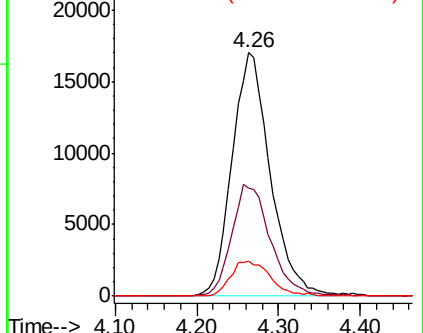
141 15.0 11.8 17.8

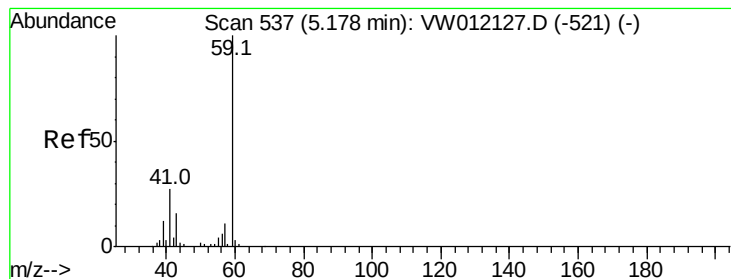


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.866 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

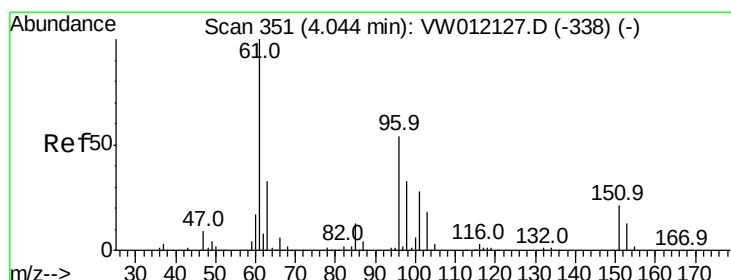
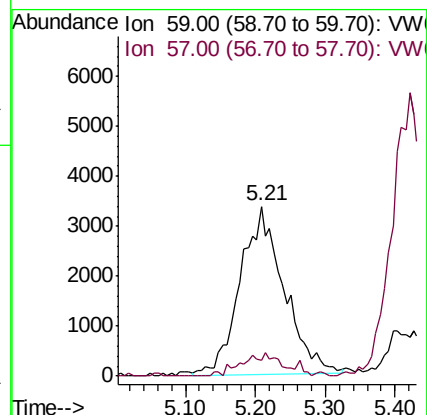
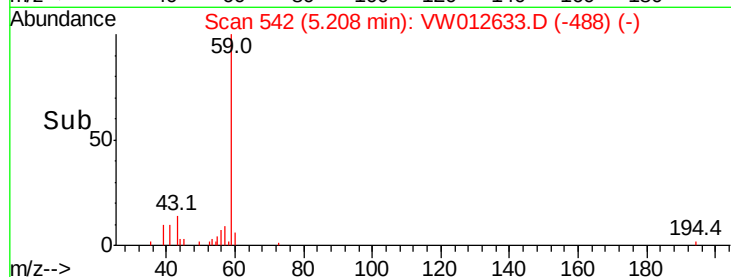
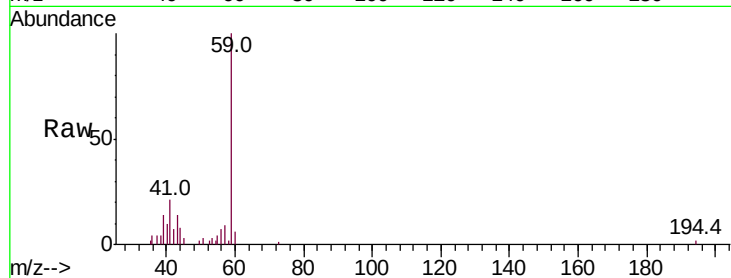
ClientSampled :

Tot Ion: 59 Resp: 14573

Ion Ratio Lower Upper

59 100

57 6.7 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 17.034 ug/l

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

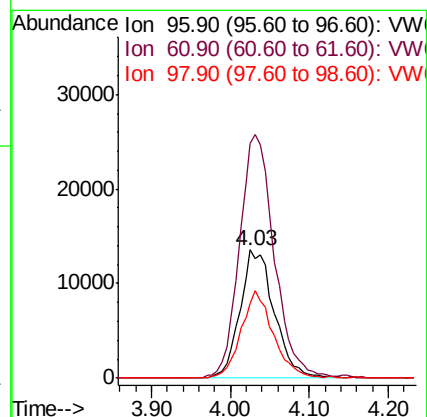
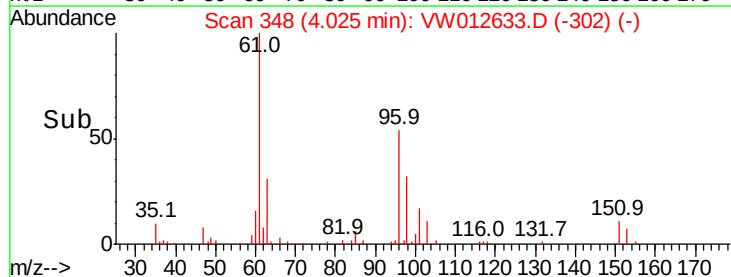
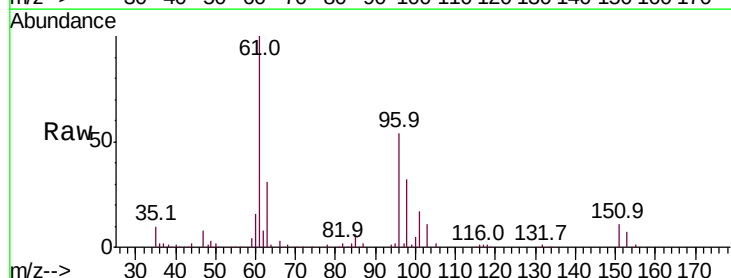
Tgt Ion: 96 Resp: 41013

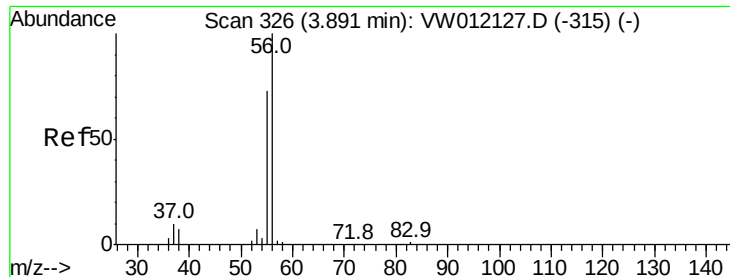
Ion Ratio Lower Upper

96 100

61 183.7 149.1 223.7

98 58.3 49.4 74.2





#13

Acrolein

Concen: 52.685 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

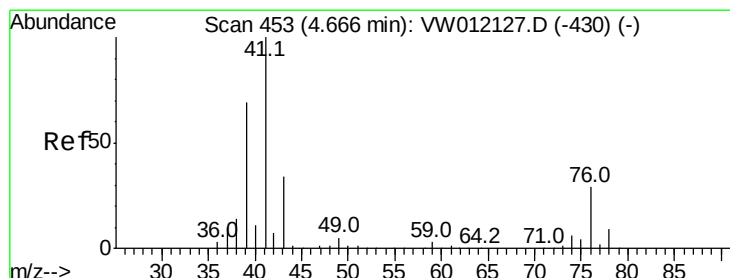
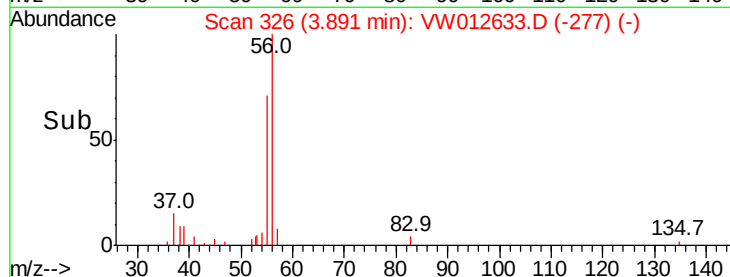
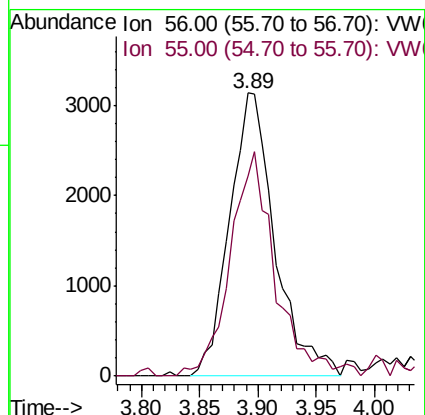
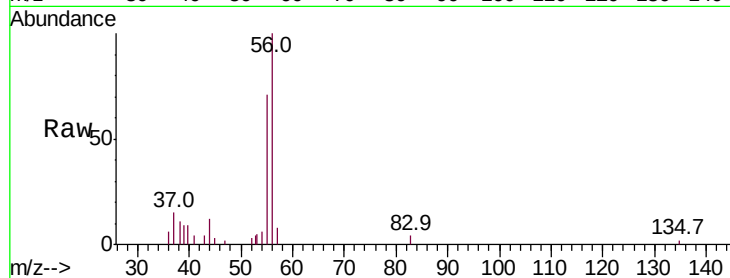
ClientSampleId :

Tot Ion: 56 Resp: 8516

Ion Ratio Lower Upper

56 100

55 77.4 55.8 83.8



#14

Allyl chloride

Concen: 16.831 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

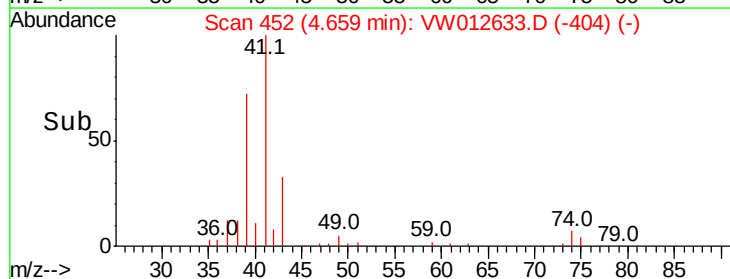
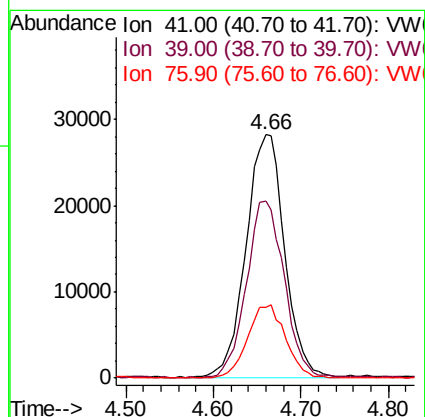
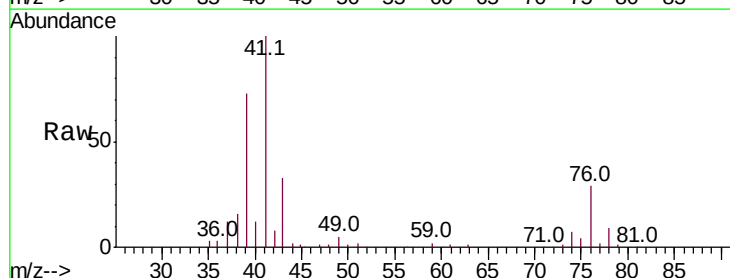
Tgt Ion: 41 Resp: 86633

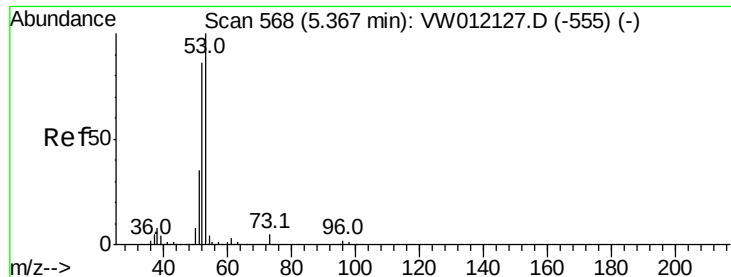
Ion Ratio Lower Upper

41 100

39 70.9 53.4 80.2

76 29.3 22.1 33.1





#15

Acrylonitrile

Concen: 90.286 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

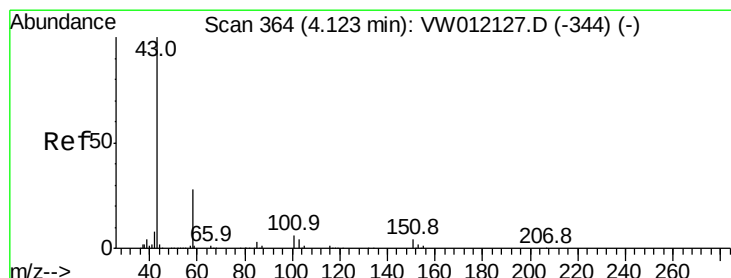
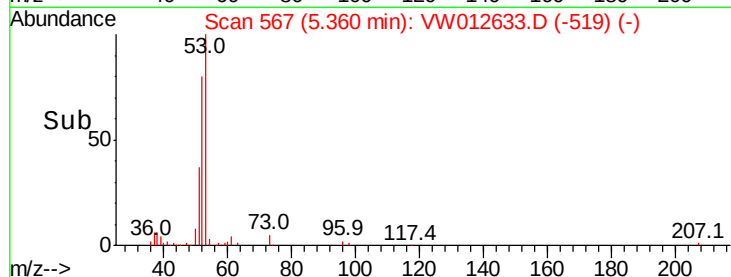
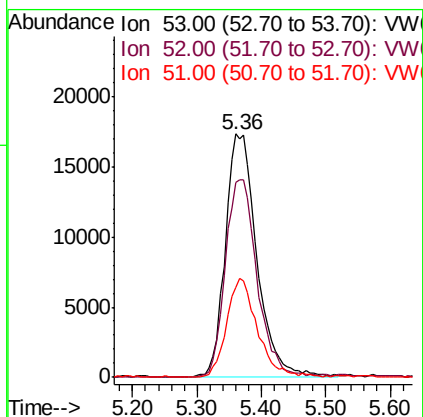
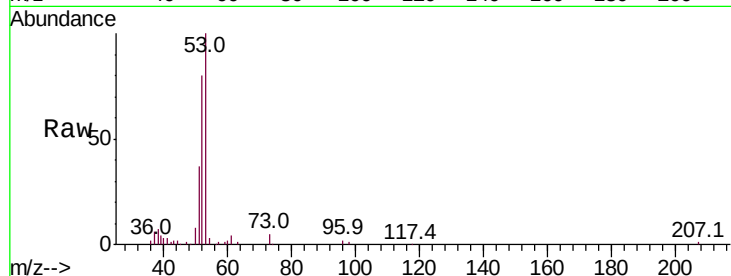
Tot Ion: 53 Resp: 59778

Ion Ratio Lower Upper

53 100

52 81.5 66.7 100.1

51 39.6 30.1 45.1



#16

Acetone

Concen: 79.606 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012633.D

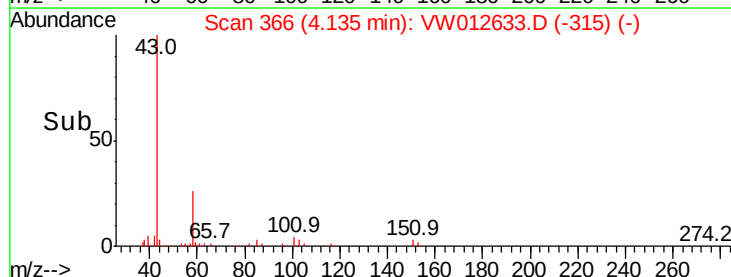
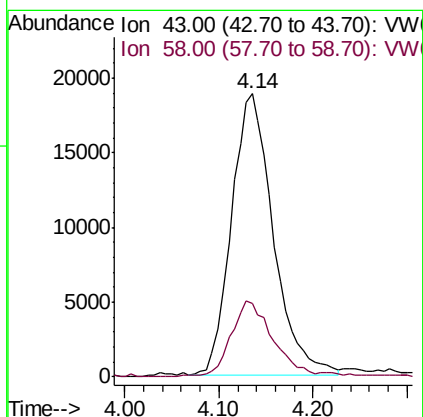
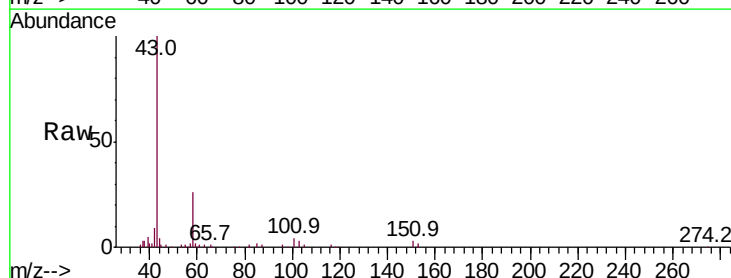
Acq: 05 Sep 2019 11:49

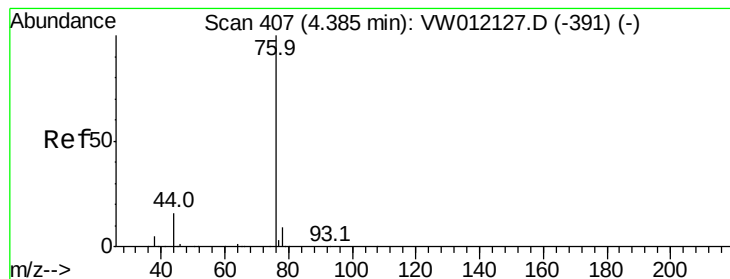
Tgt Ion: 43 Resp: 58064

Ion Ratio Lower Upper

43 100

58 25.3 22.4 33.6





#17

Carbon Disulfide

Concen: 13.111 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

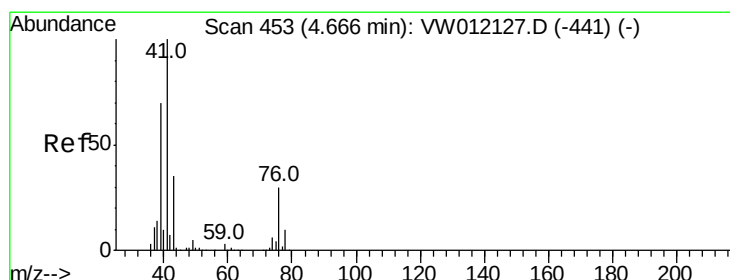
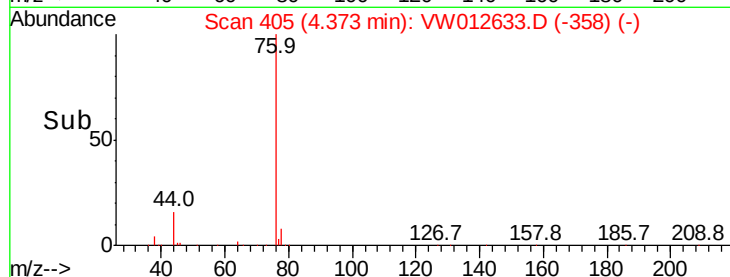
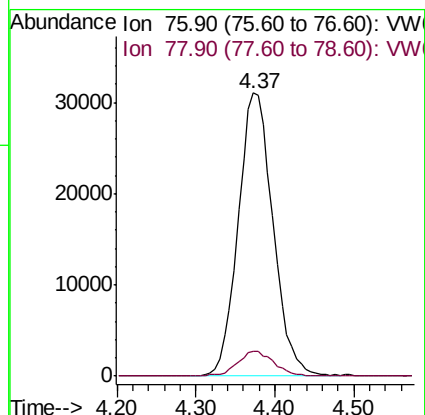
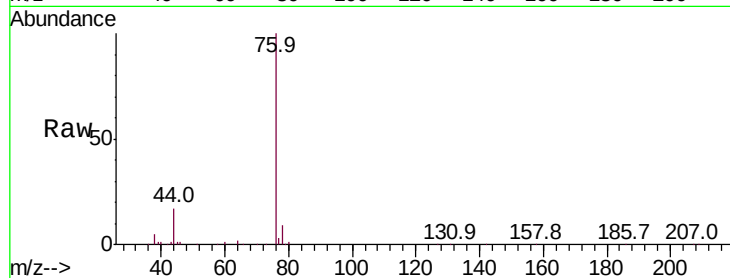
ClientSampleId :

Tot Ion: 76 Resp: 95399

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 17.895 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012633.D

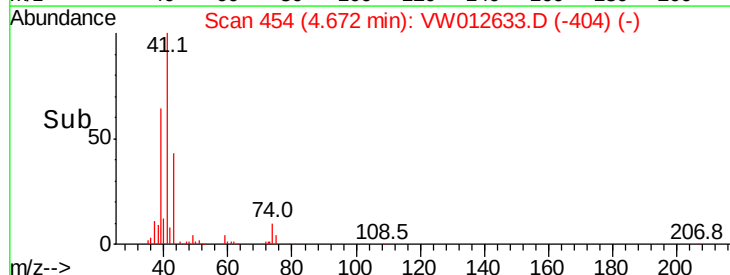
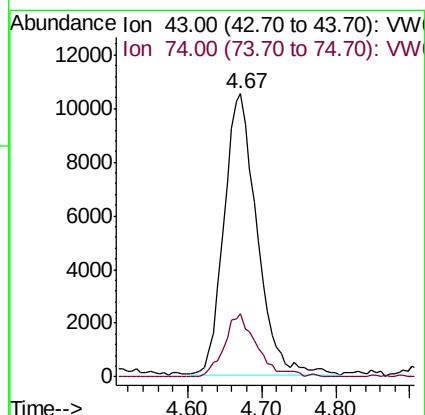
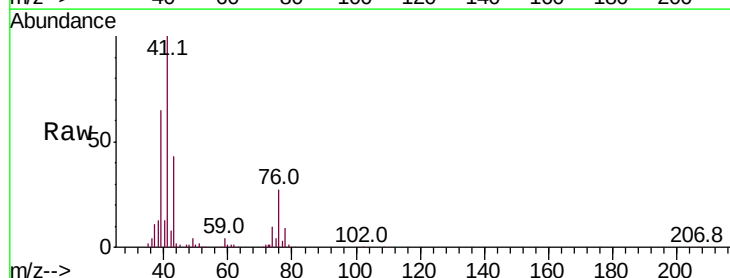
Acq: 05 Sep 2019 11:49

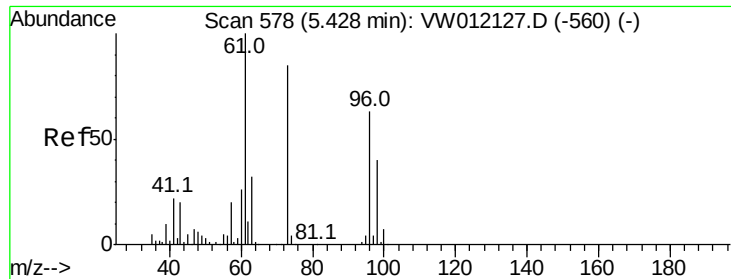
Tgt Ion: 43 Resp: 32328

Ion Ratio Lower Upper

43 100

74 22.0 15.7 23.5

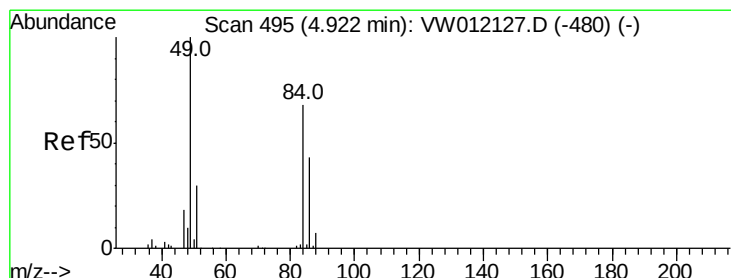
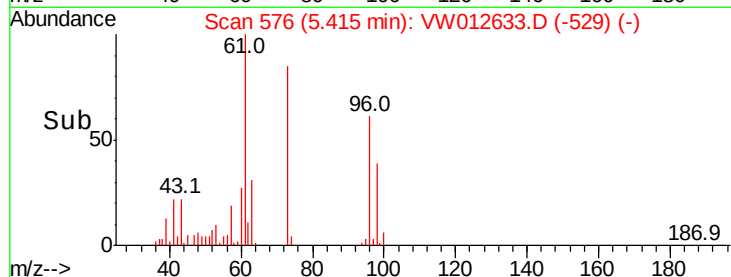
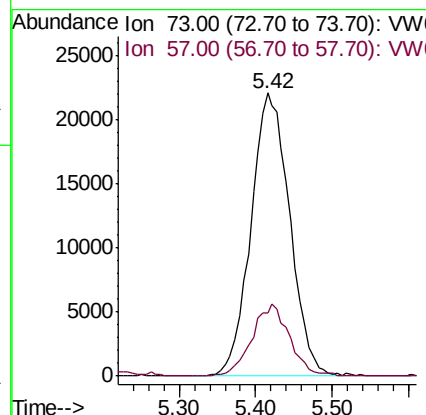
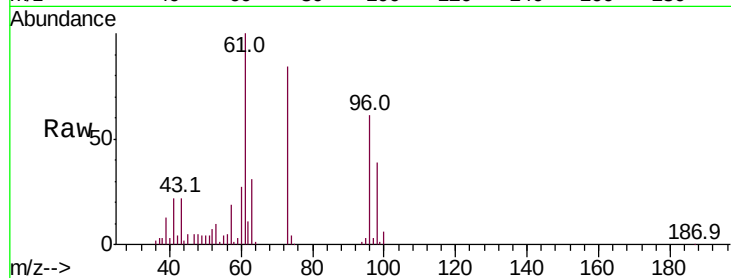




#19
Methyl tert-butyl Ether
Concen: 19.965 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

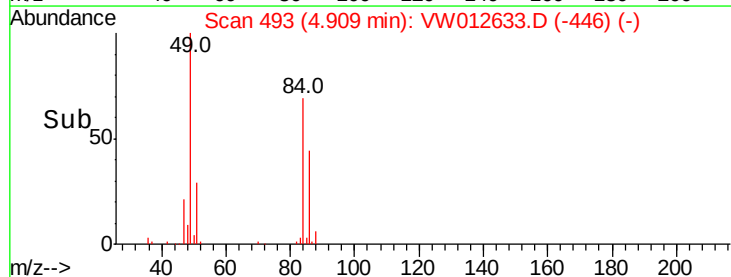
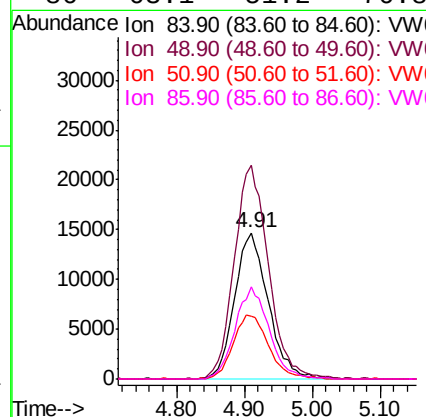
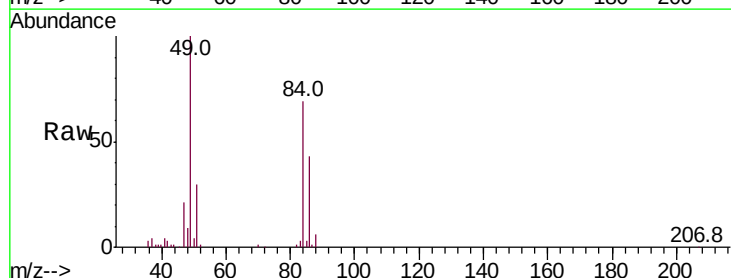
Instrument :
MSVOA_W
ClientSampled :

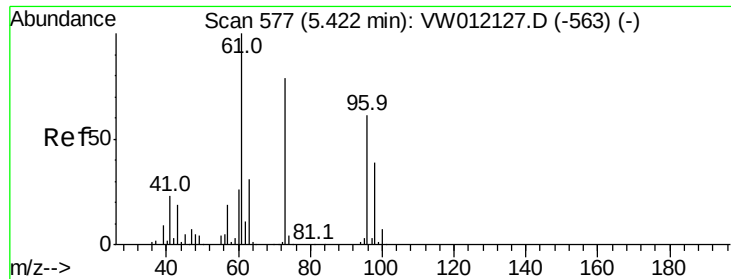
Tot Ion: 73 Resp: 77733
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3



#20
Methylene Chloride
Concen: 18.306 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 84 Resp: 50478
Ion Ratio Lower Upper
84 100
49 145.8 117.8 176.8
51 43.2 35.6 53.4
86 63.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.508 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

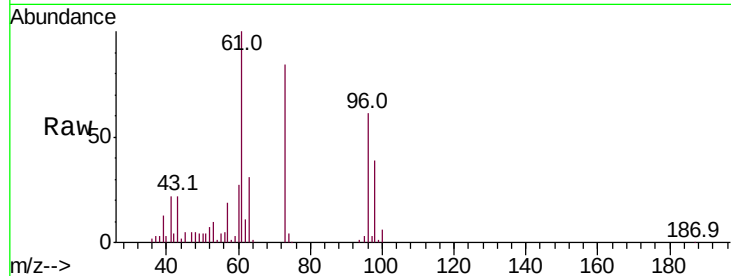
Tot Ion: 96 Resp: 47784

Ion Ratio Lower Upper

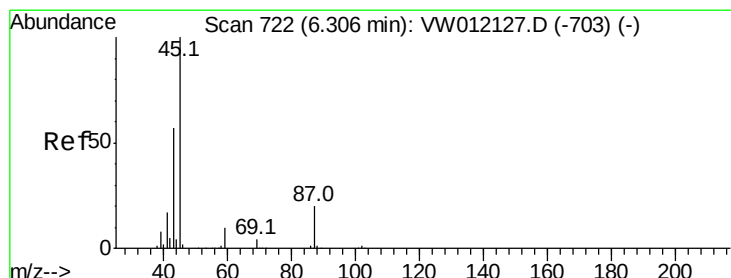
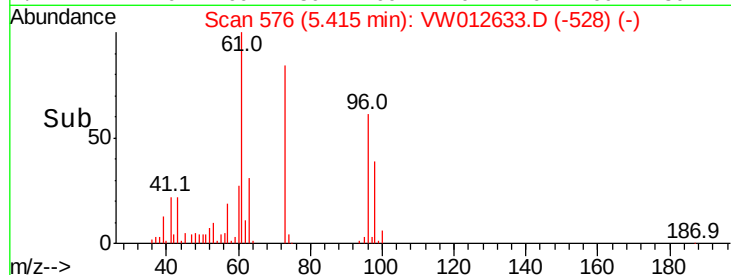
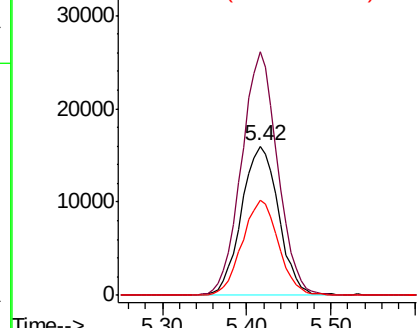
96 100

61 163.5 131.4 197.0

98 64.1 51.4 77.0



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: 20.013 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Tgt Ion: 45 Resp: 190940

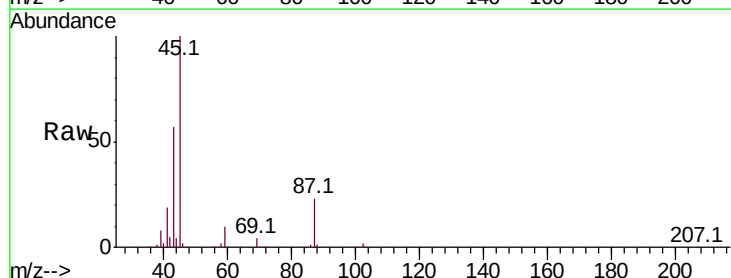
Ion Ratio Lower Upper

45 100

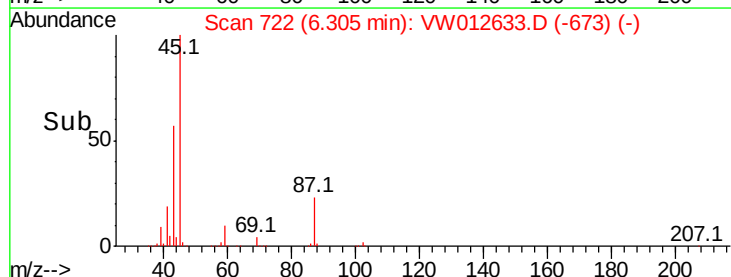
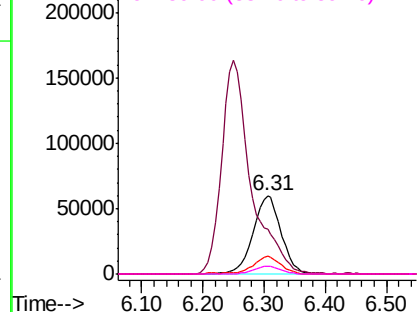
43 56.4 45.5 68.3

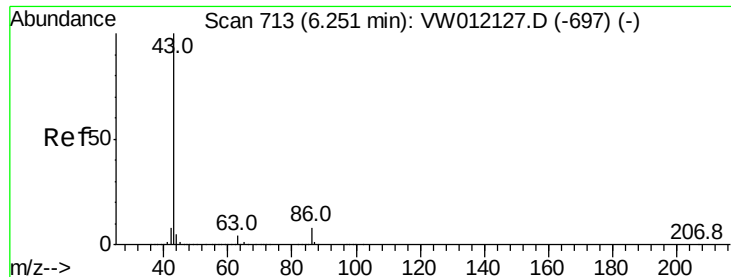
87 22.6 16.1 24.1

59 10.3 8.2 12.2



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: 93.160 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

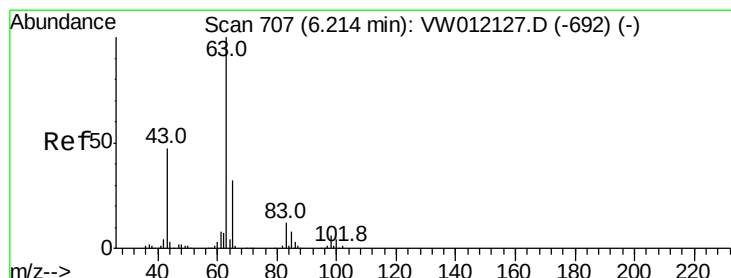
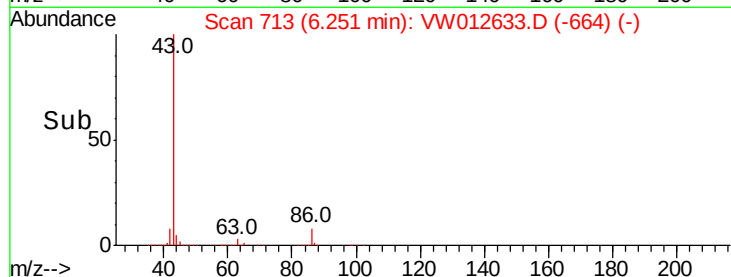
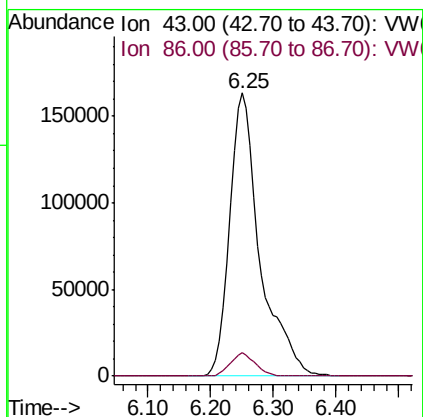
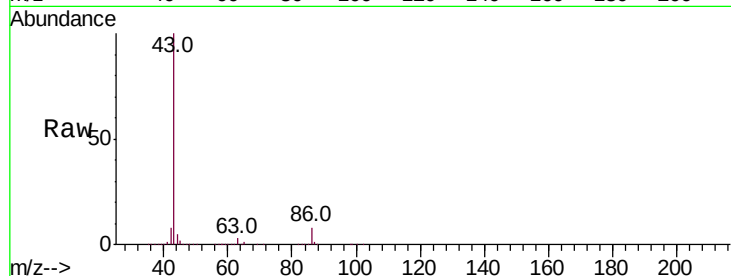
ClientSampleId :

Tot Ion: 43 Resp: 546994

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.392 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

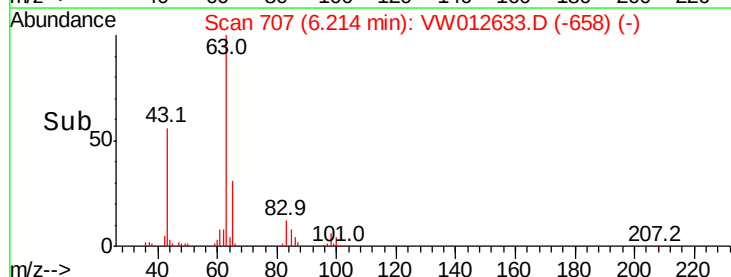
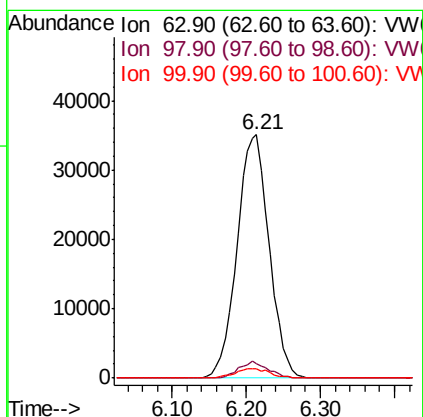
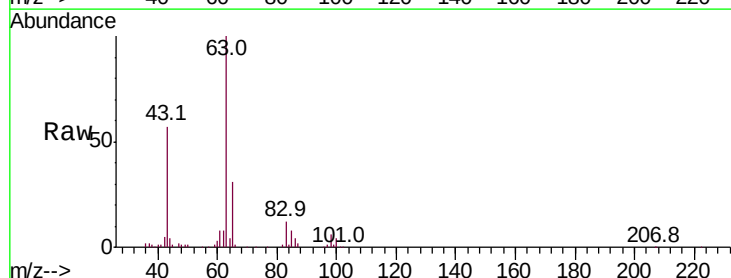
Tgt Ion: 63 Resp: 105931

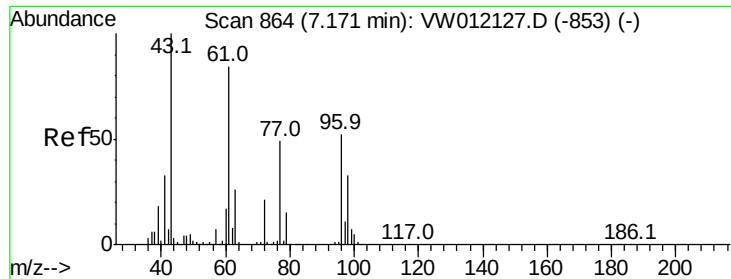
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 90.753 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

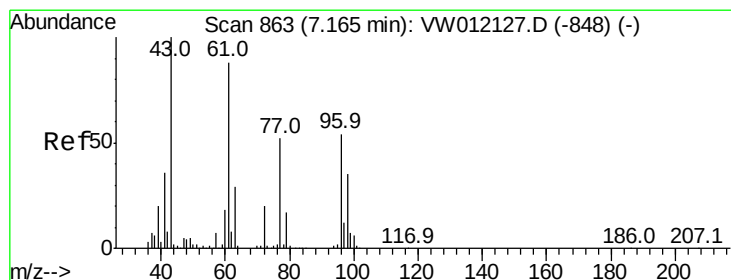
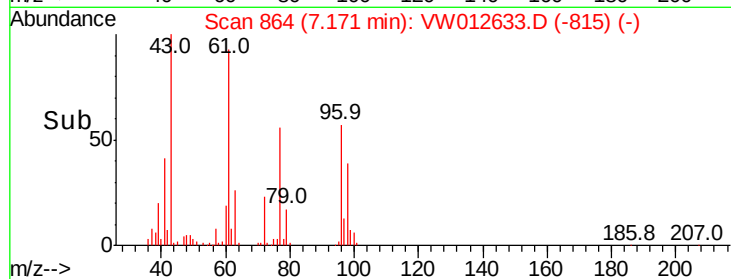
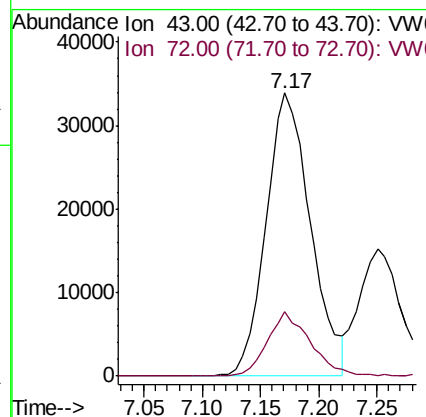
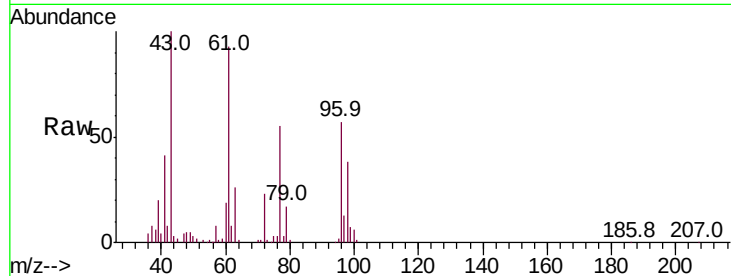
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 89951

Ion Ratio Lower Upper

43 100

72 22.7 16.6 24.8



#26

2,2-Dichloropropane

Concen: 22.233 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012633.D

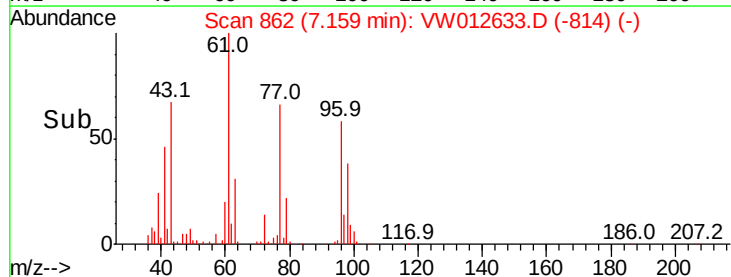
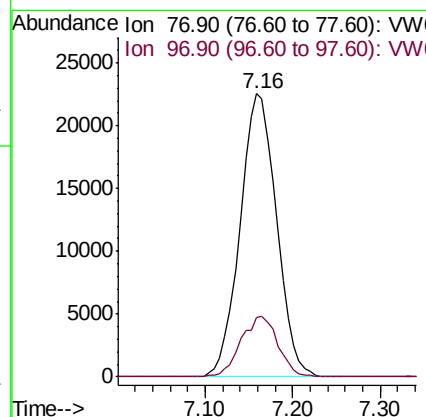
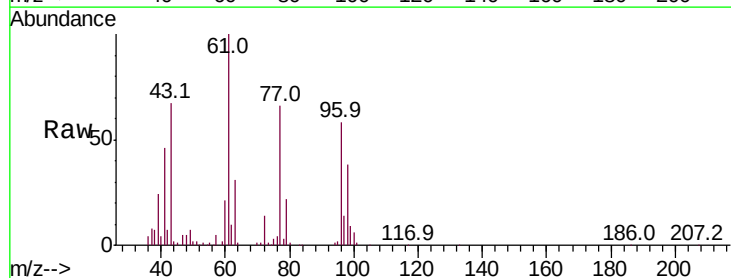
Acq: 05 Sep 2019 11:49

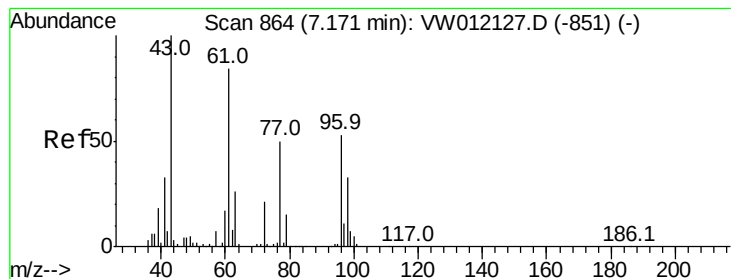
Tgt Ion: 77 Resp: 65372

Ion Ratio Lower Upper

77 100

97 21.6 11.1 33.1



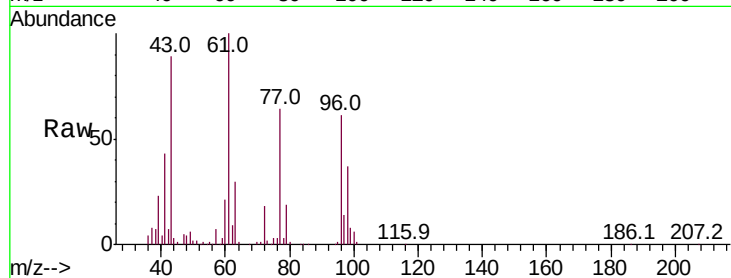


#27

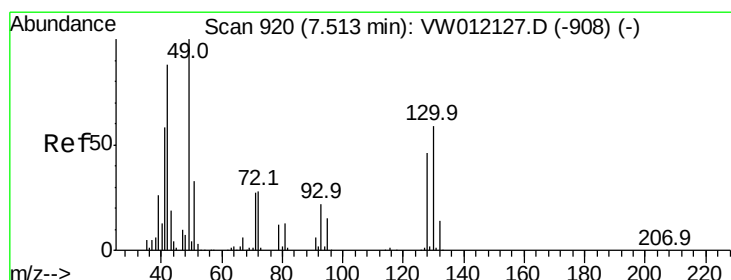
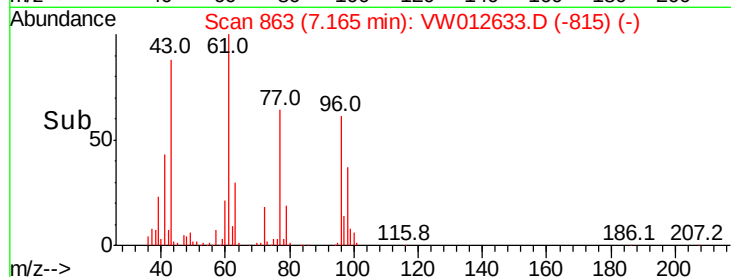
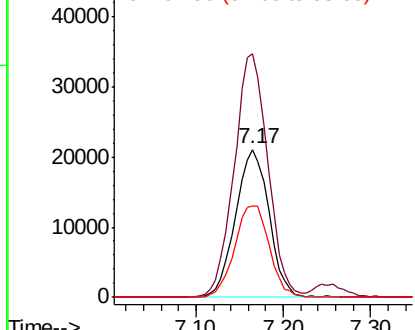
cis-1,2-Dichloroethene
Concen: 20.375 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 56203
Ion Ratio Lower Upper
96 100
61 165.0 0.0 326.6
98 64.0 0.0 127.4



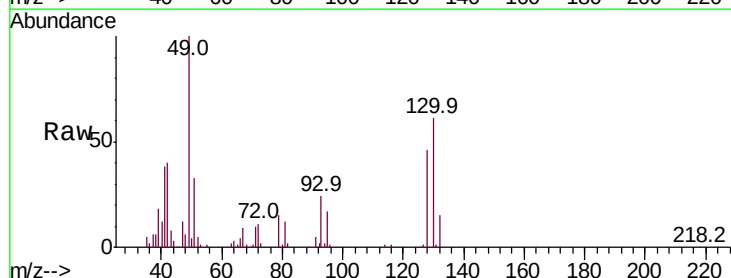
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



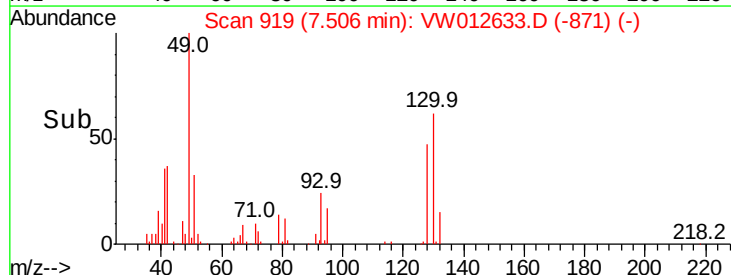
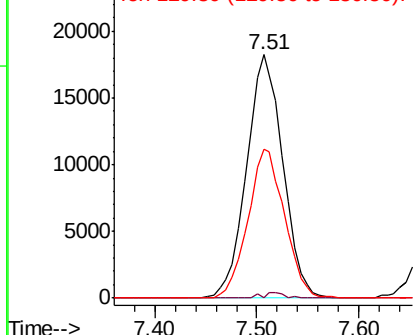
#28

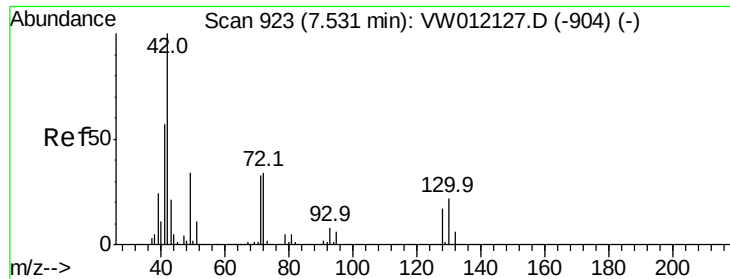
Bromochloromethane
Concen: 19.920 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 49 Resp: 45102
Ion Ratio Lower Upper
49 100
129 1.3 0.0 1.4
130 61.5 45.5 68.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

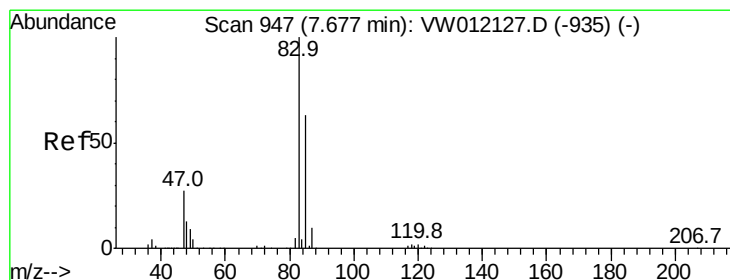
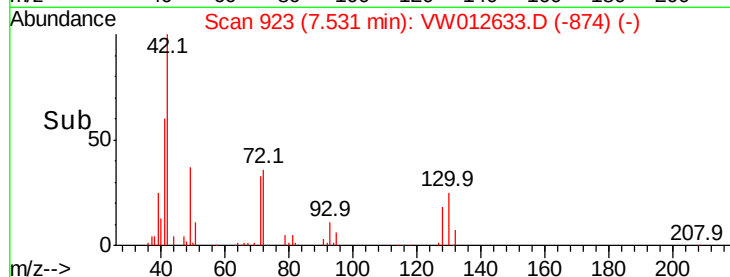
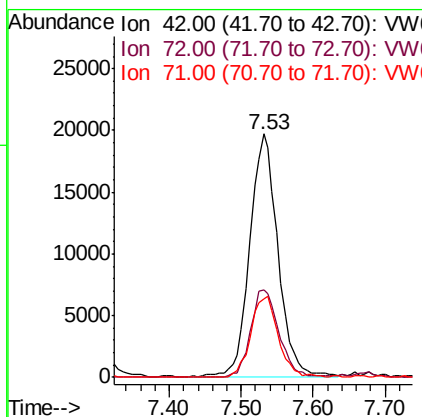
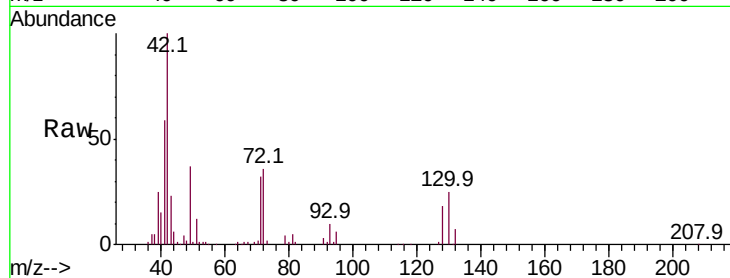




#29
Tetrahydrofuran
Concen: 90.661 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

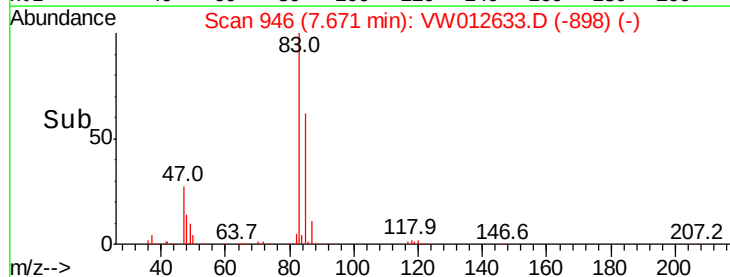
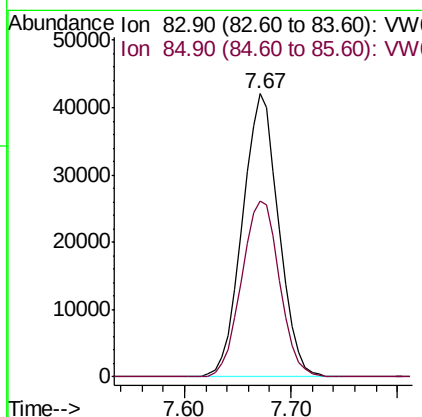
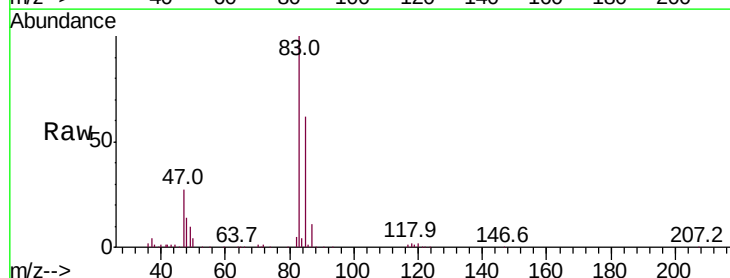
Instrument :
MSVOA_W
ClientSampled :

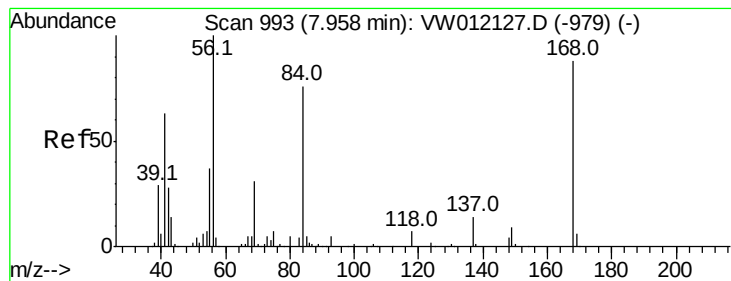
Tot Ion: 42 Resp: 53912
Ion Ratio Lower Upper
42 100
72 35.7 27.3 40.9
71 32.0 25.5 38.3



#30
Chloroform
Concen: 21.181 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 83 Resp: 100668
Ion Ratio Lower Upper
83 100
85 62.0 50.6 76.0





#31

Cyclohexane

Concen: 17.923 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

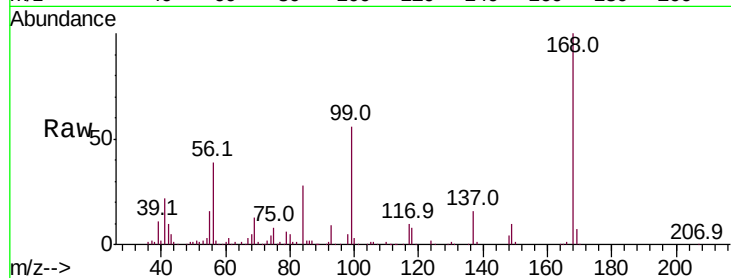
Tot Ion: 56 Resp: 92118

Ion Ratio Lower Upper

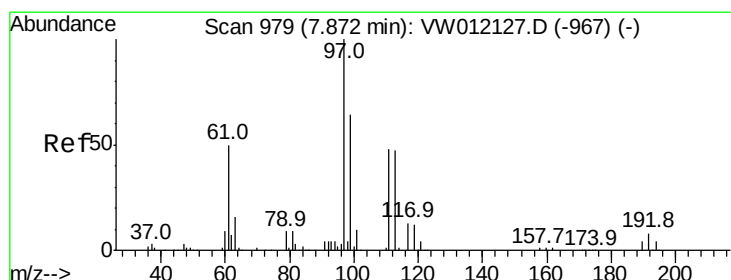
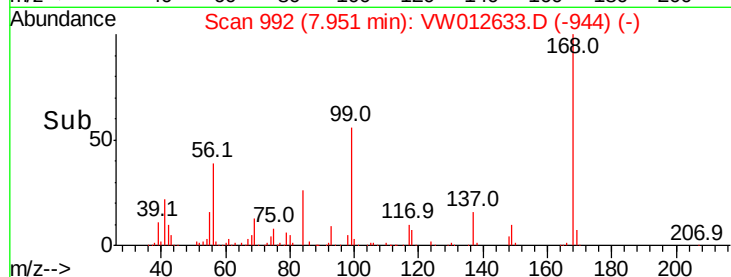
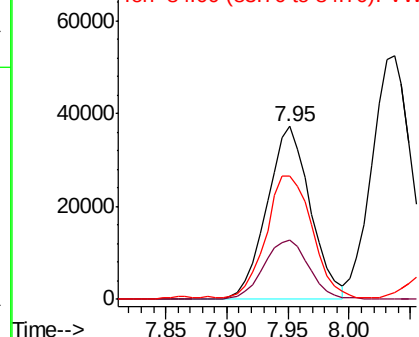
56 100

69 34.4 24.9 37.3

84 70.4 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 21.960 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

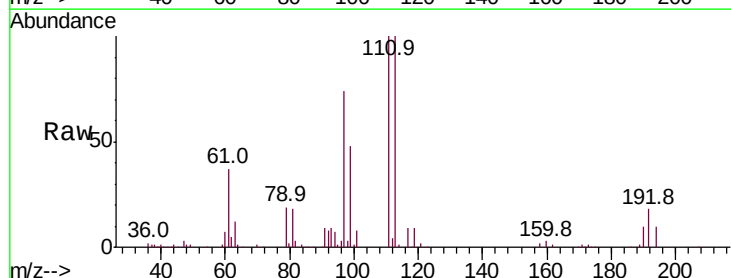
Tgt Ion: 97 Resp: 82564

Ion Ratio Lower Upper

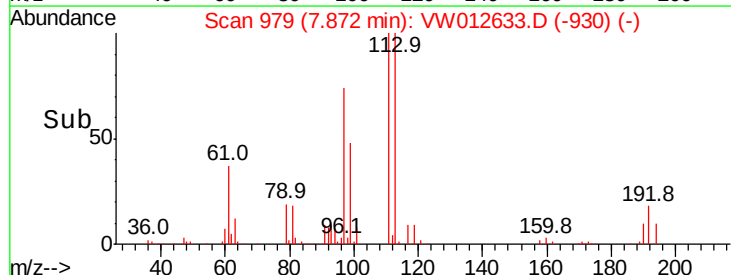
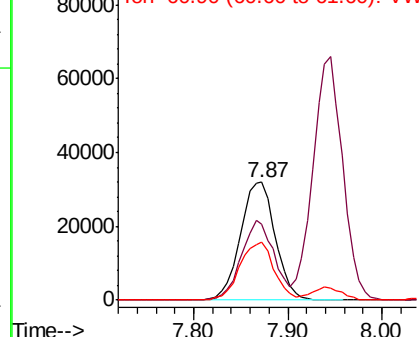
97 100

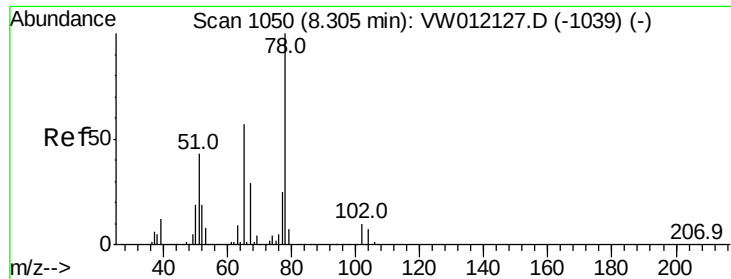
99 63.9 51.4 77.0

61 48.1 39.5 59.3



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

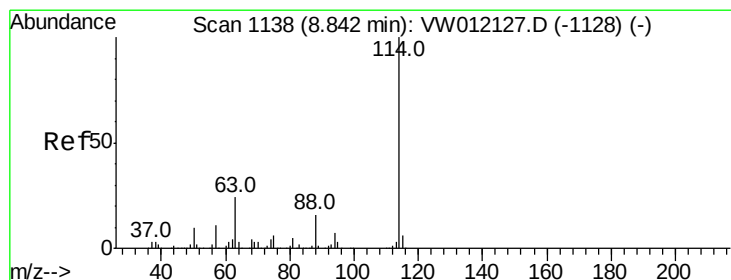
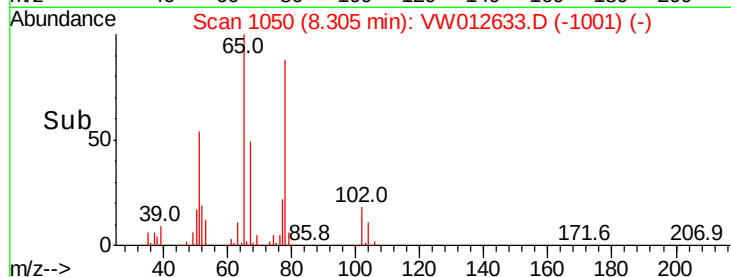
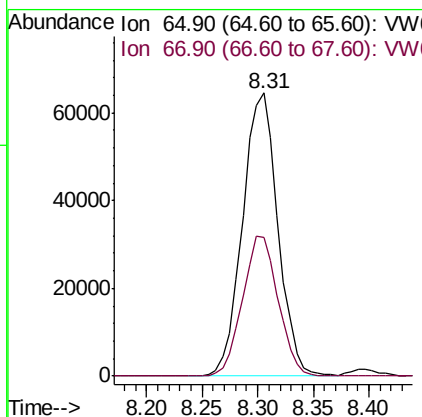
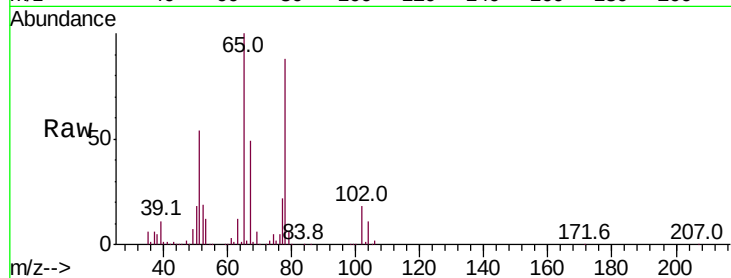




#33
 1,2-Dichloroethane-d4
 Concen: 49.957 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

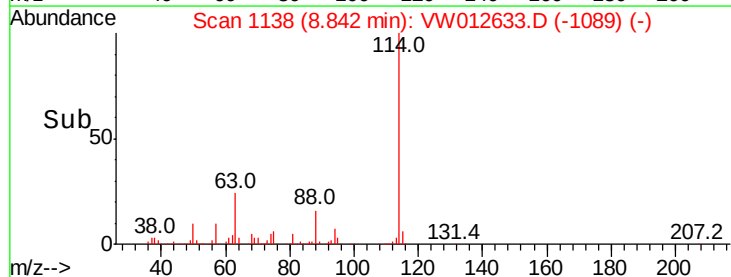
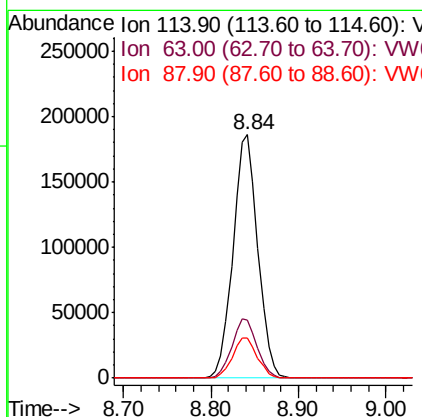
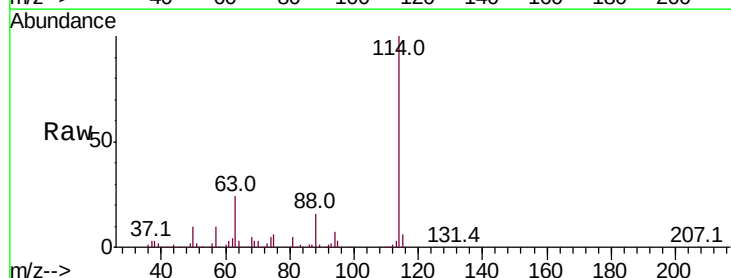
Instrument :
 MSVOA_W
 ClientSampleId :

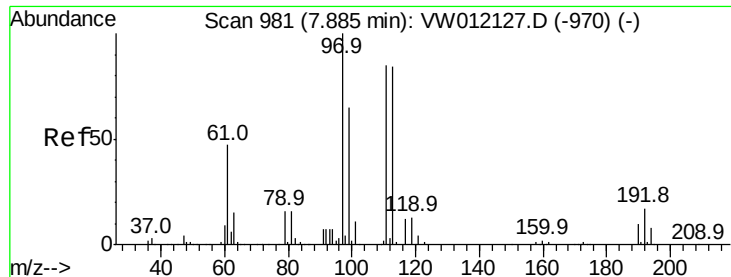
Tot Ion: 65 Resp: 142549
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 114 Resp: 365357
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.896 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :

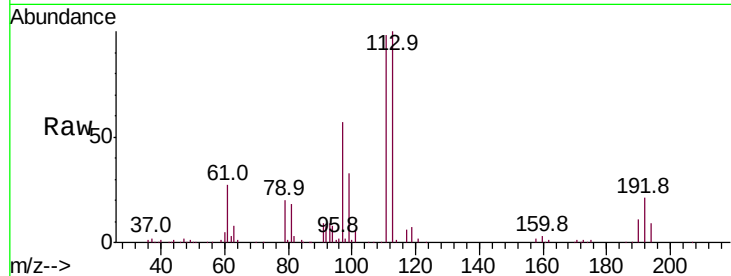
Tot Ion:113 Resp: 115358

Ion Ratio Lower Upper

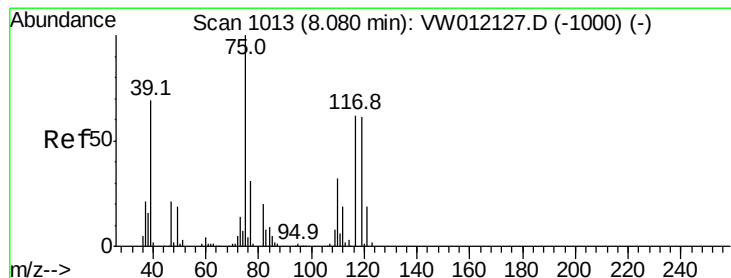
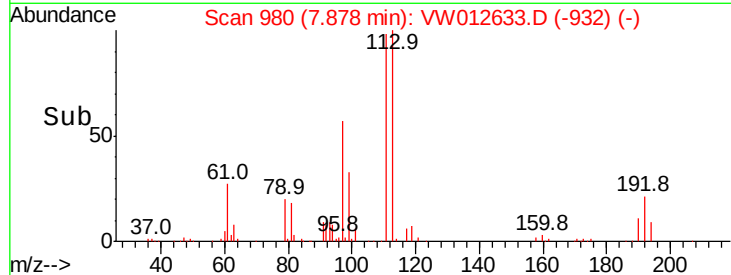
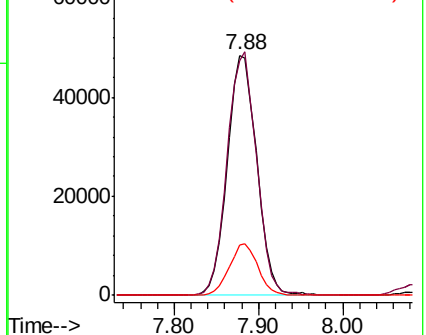
113 100

111 100.9 82.7 124.1

192 20.6 16.2 24.2



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: 20.898 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

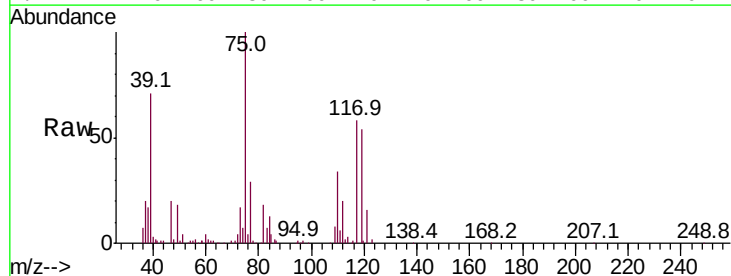
Tgt Ion: 75 Resp: 78902

Ion Ratio Lower Upper

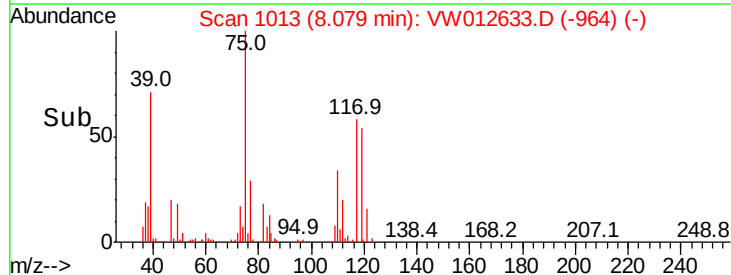
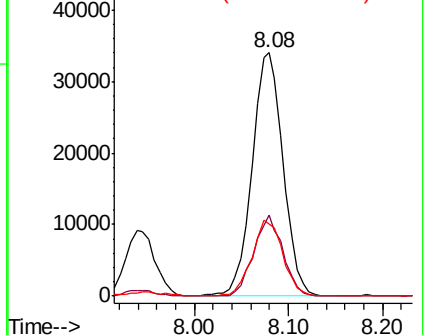
75 100

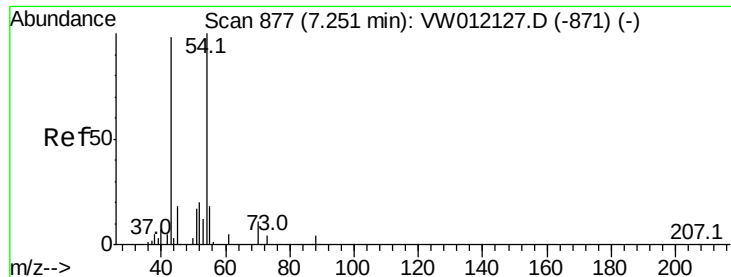
110 31.2 15.6 46.8

77 31.0 24.6 36.8



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

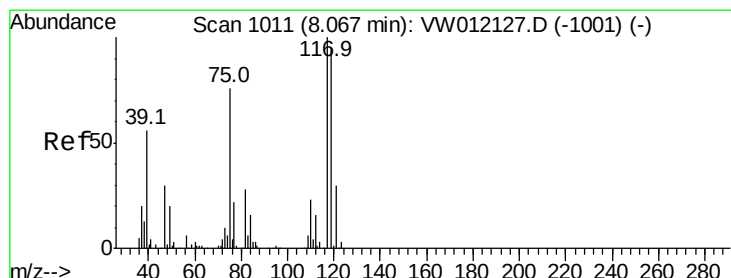
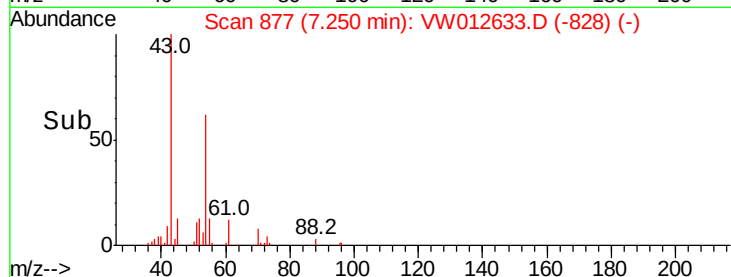
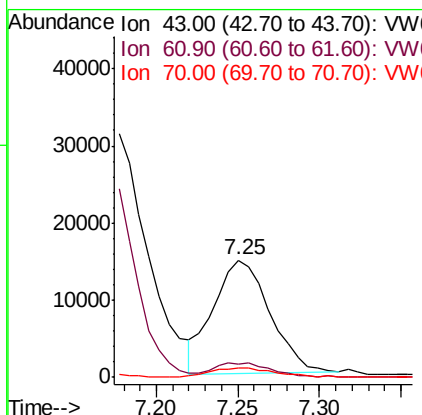
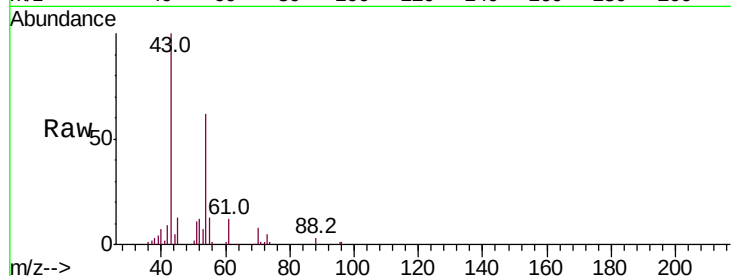




#37
Ethyl Acetate
Concen: 17.260 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

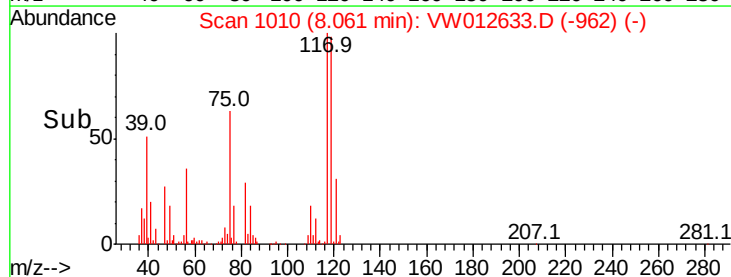
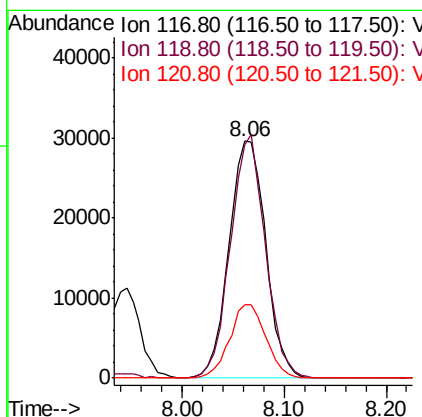
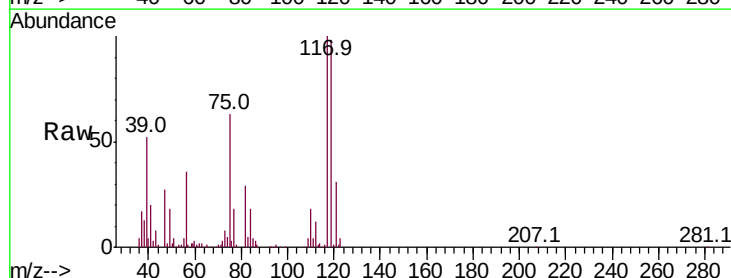
Instrument :
MSVOA_W
ClientSampled :

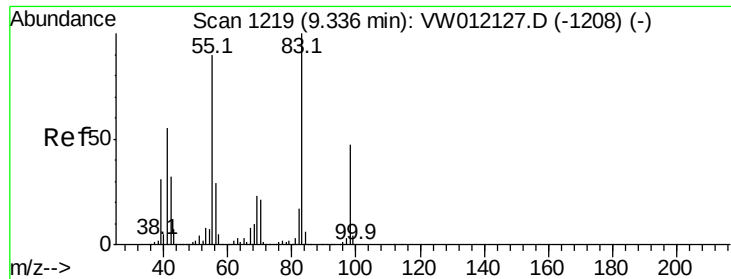
Tot Ion: 43 Resp: 35709
Ion Ratio Lower Upper
43 100
61 12.2 9.2 13.8
70 10.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 22.662 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 117 Resp: 74055
Ion Ratio Lower Upper
117 100
119 98.3 76.2 114.2
121 30.9 23.8 35.8

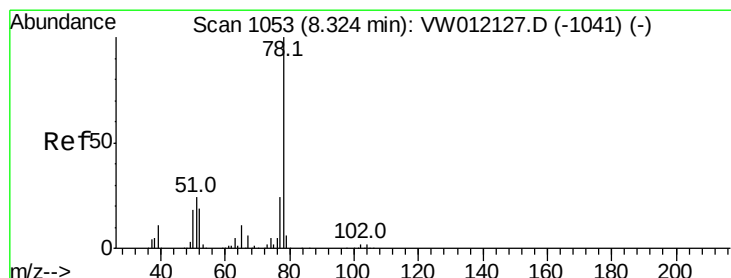
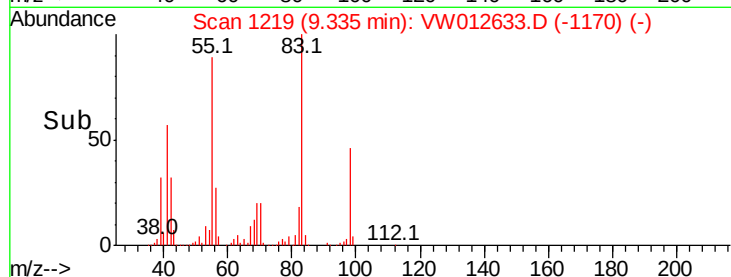
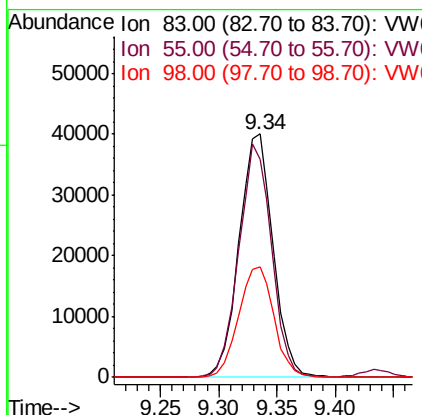
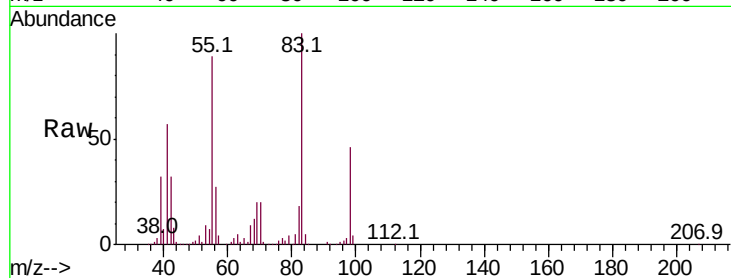




#39
Methylvlcyclohexane
Concen: 19.187 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

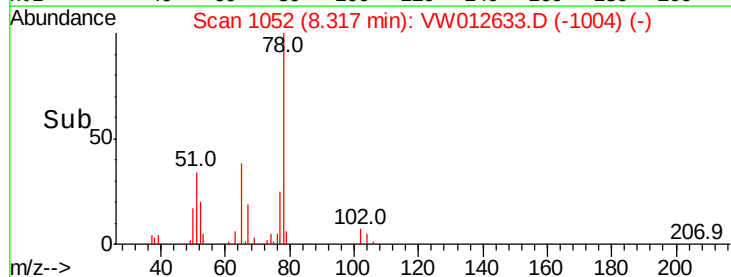
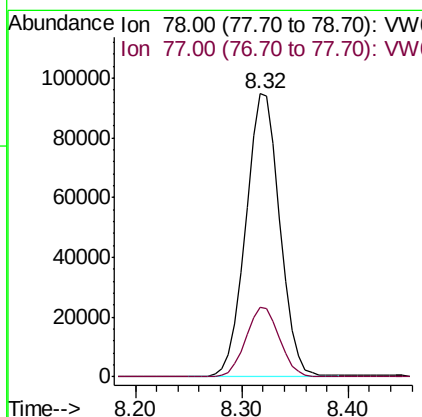
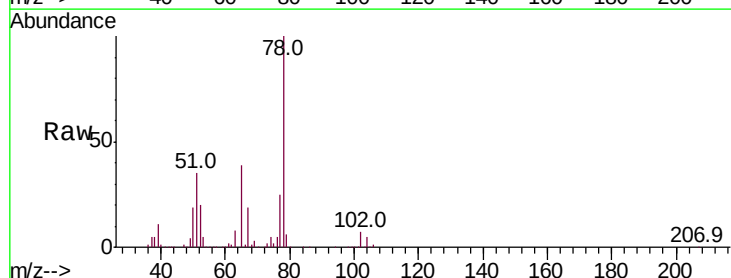
Instrument :
MSVOA_W
ClientSampleId :

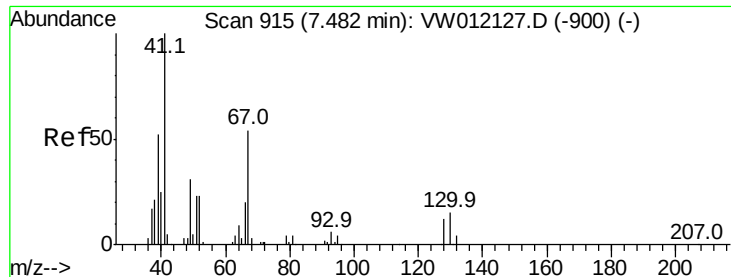
Tot Ion: 83 Resp: 81383
Ion Ratio Lower Upper
83 100
55 89.5 71.8 107.8
98 45.6 37.8 56.8



#40
Benzene
Concen: 20.643 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 78 Resp: 212816
Ion Ratio Lower Upper
78 100
77 24.8 19.5 29.3

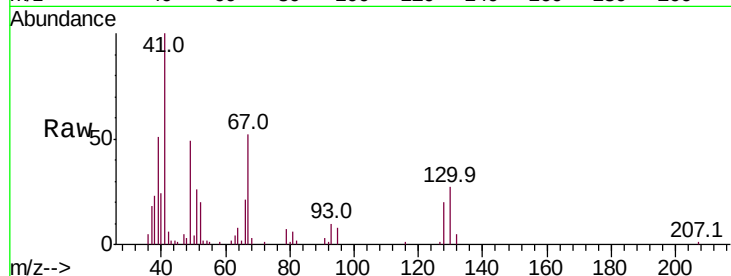




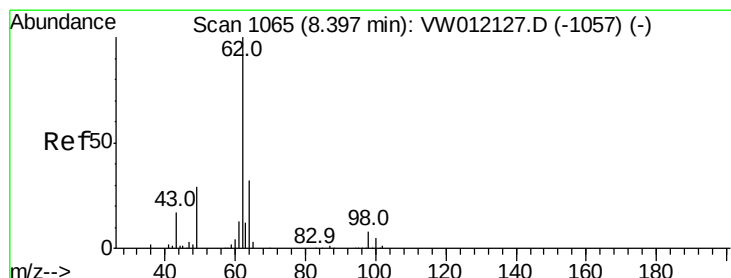
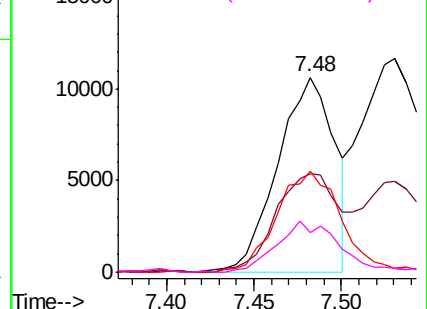
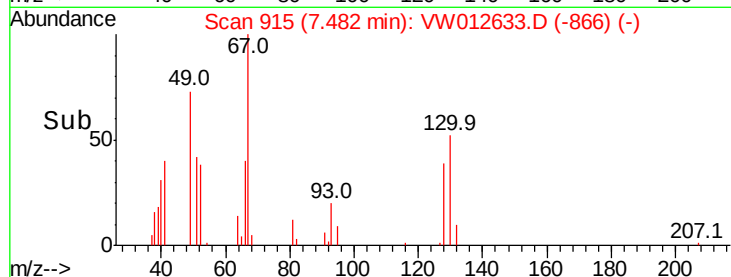
#41
Methacrylonitrile
Concen: 19.855 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	24143
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.8	68.8
67	59.1	46.2	69.4
52	29.5	21.0	31.6

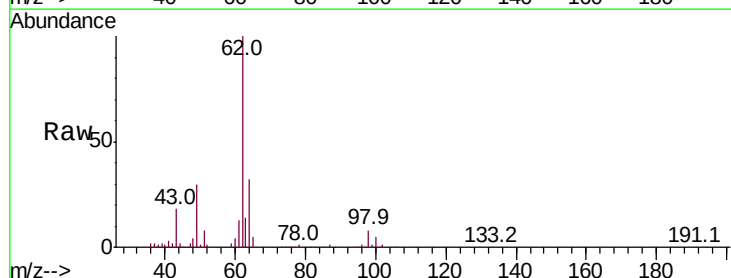


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

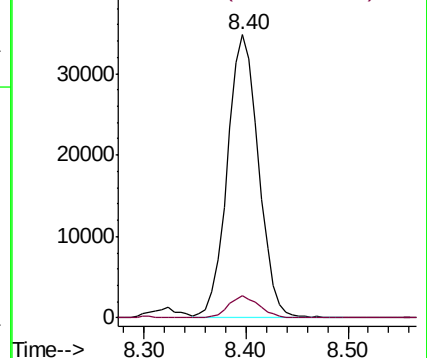
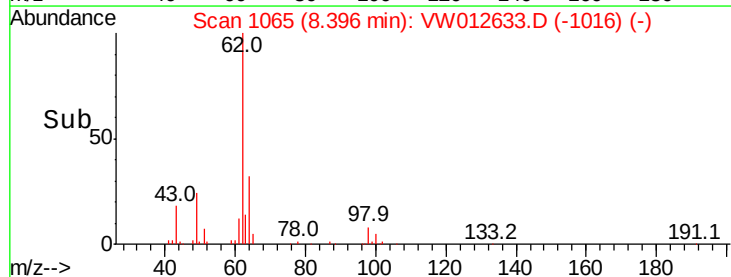


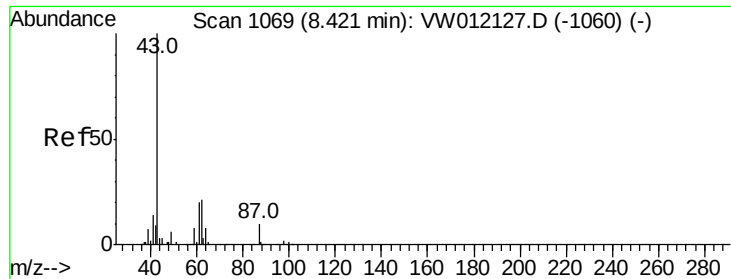
#42
1,2-Dichloroethane
Concen: 22.817 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion:	62	Resp:	73724
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.6



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

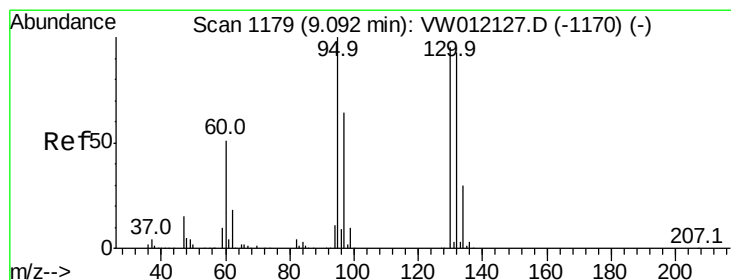
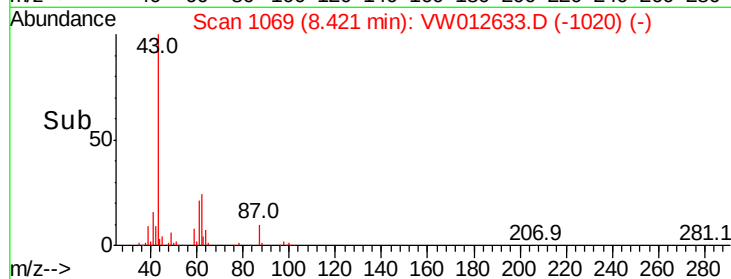
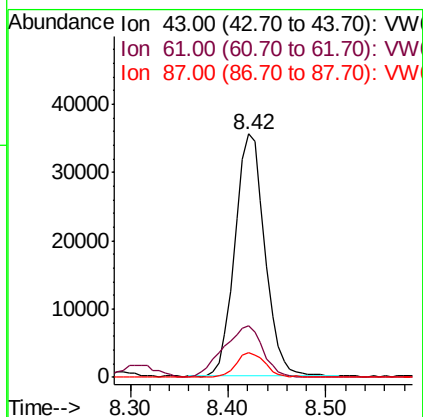
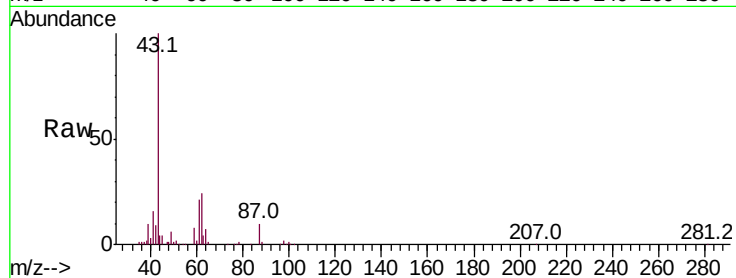




#43
Isopropyl Acetate
Concen: 19.680 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

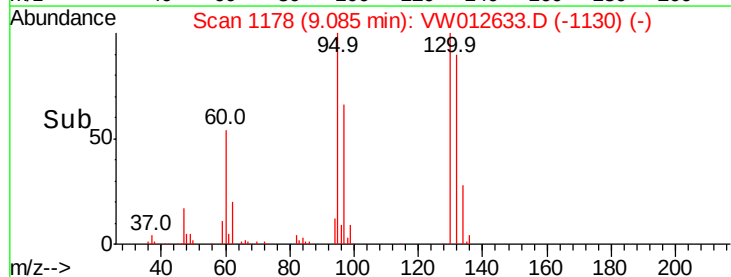
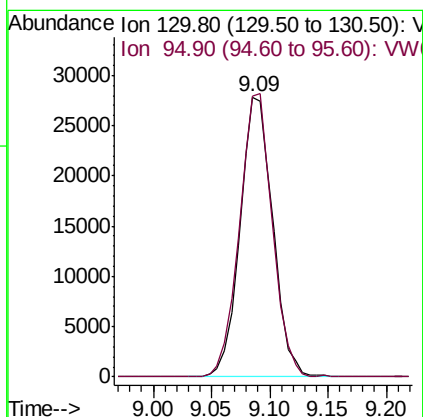
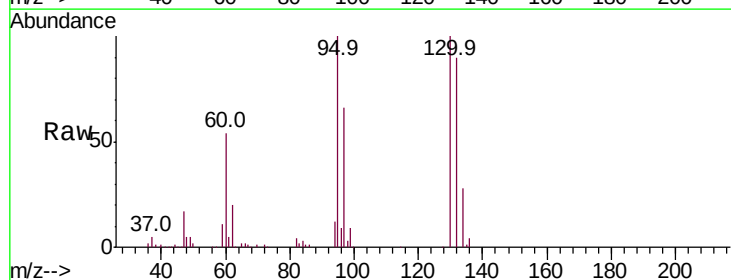
Instrument :
MSVOA_W
ClientSampleId :

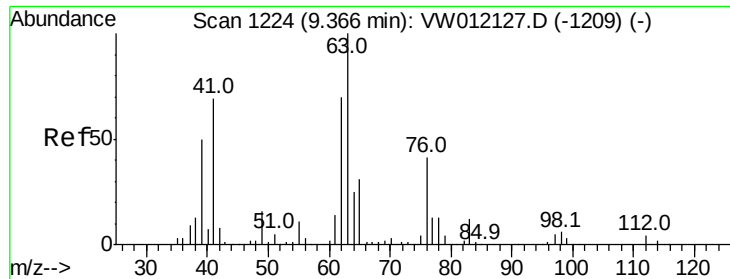
Tot Ion: 43 Resp: 75420
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 10.3 8.2 12.2



#44
Trichloroethene
Concen: 21.769 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 130 Resp: 54556
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.6

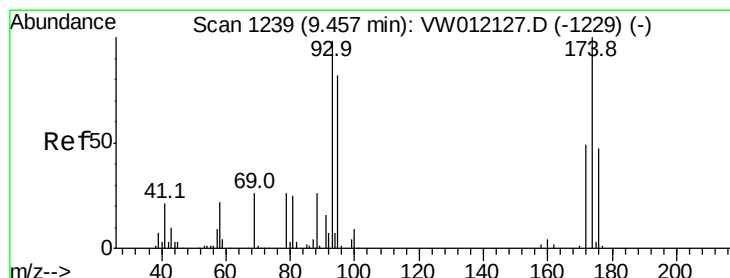
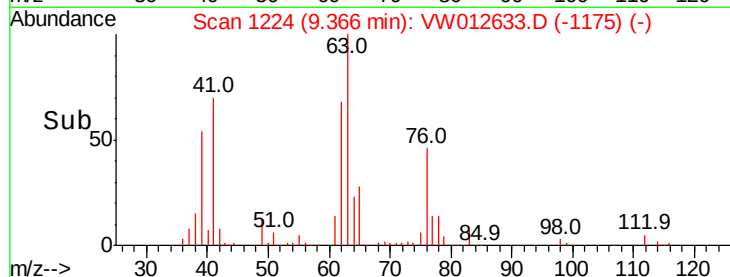
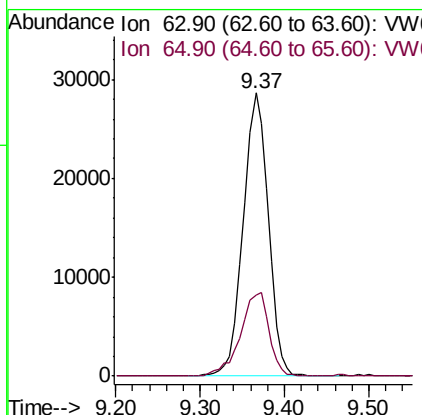
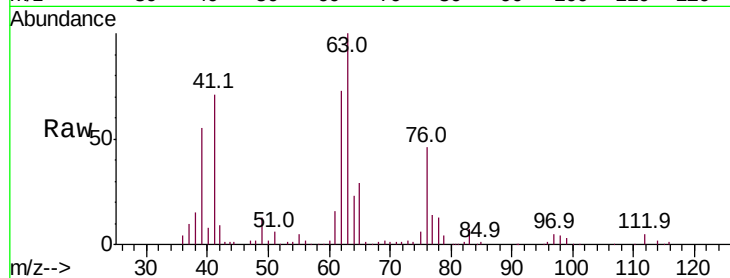




#45
 1,2-Dichloropropane
 Concen: 20.629 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

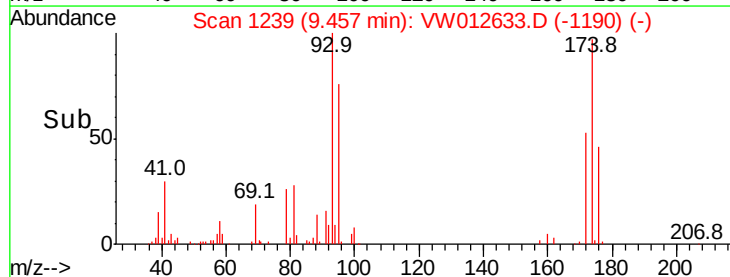
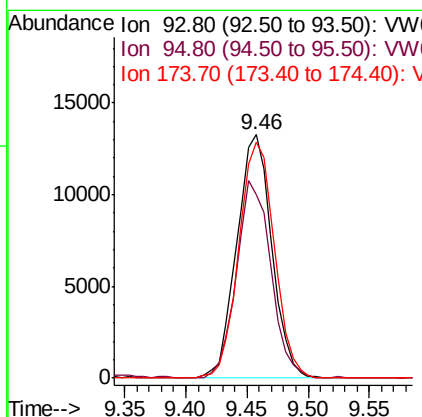
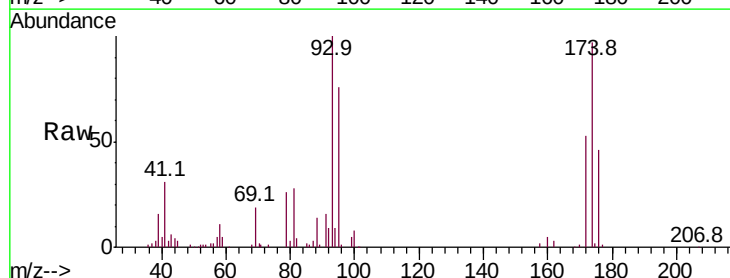
Instrument :
 MSVOA_W
 ClientSampleId :

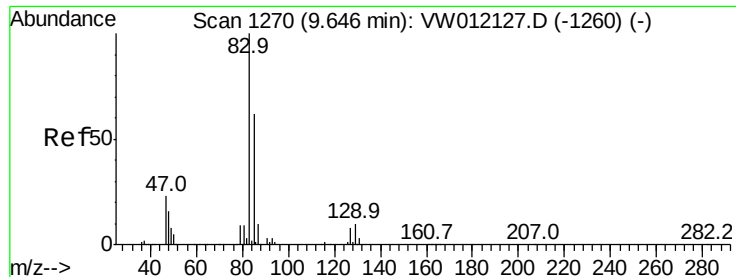
Tot Ion: 63 Resp: 57236
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.4



#46
 Dibromomethane
 Concen: 21.360 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 93 Resp: 26369
 Ion Ratio Lower Upper
 93 100
 95 79.8 67.2 100.8
 174 98.4 79.0 118.6





#47

Bromodichloromethane

Concen: 22.329 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

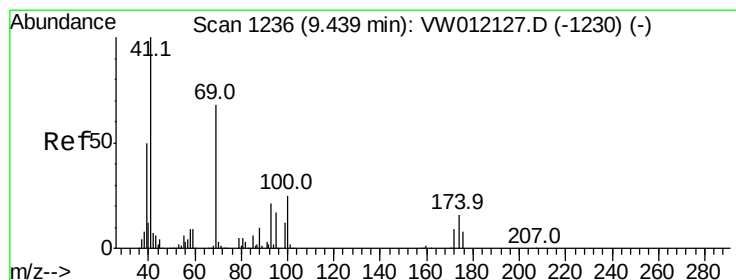
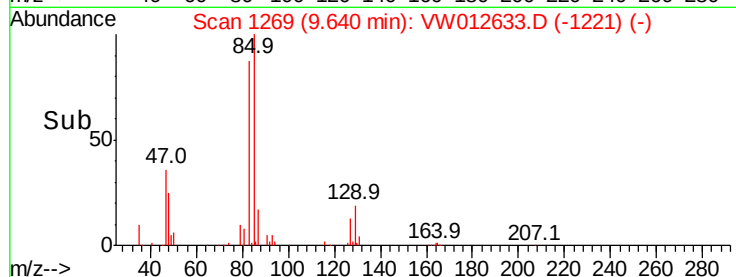
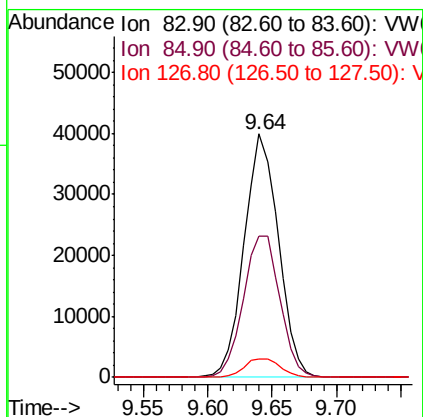
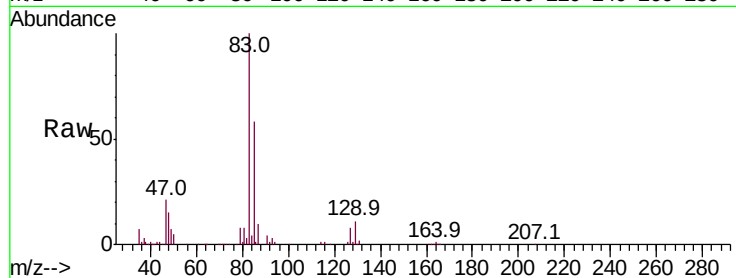
Tot Ion: 83 Resp: 73361

Ion Ratio Lower Upper

83 100

85 58.0 49.4 74.2

127 7.5 6.1 9.1



#48

Methyl methacrylate

Concen: 19.725 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

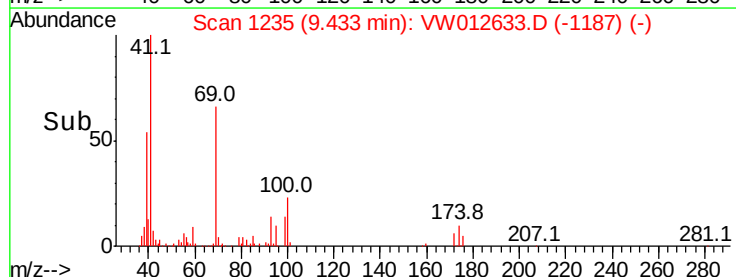
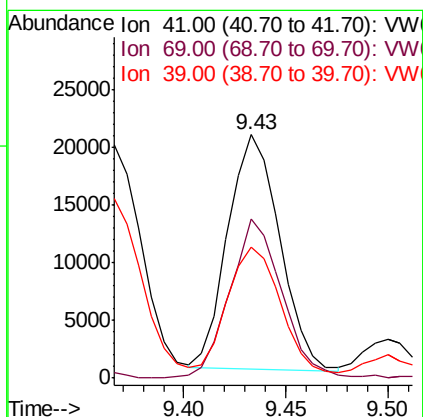
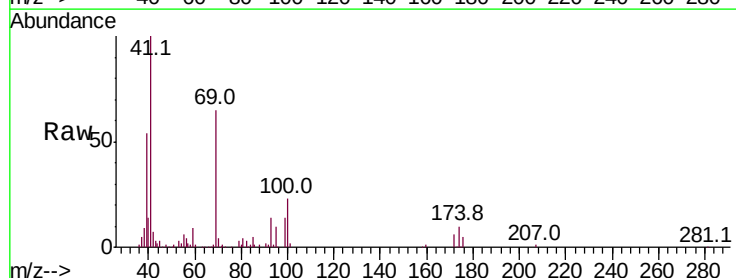
Tgt Ion: 41 Resp: 35978

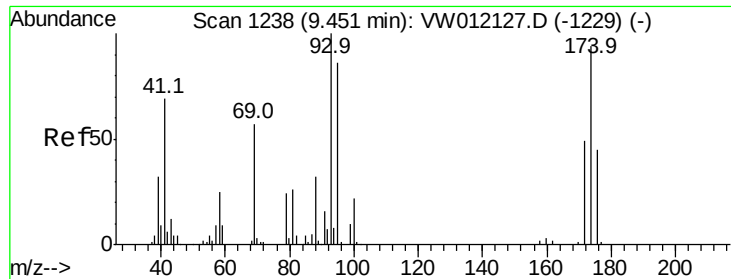
Ion Ratio Lower Upper

41 100

69 68.7 56.7 85.1

39 53.6 42.0 63.0

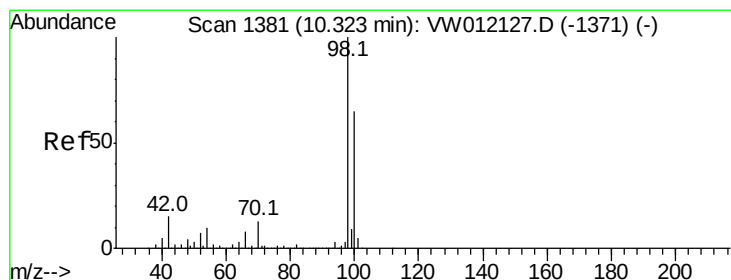
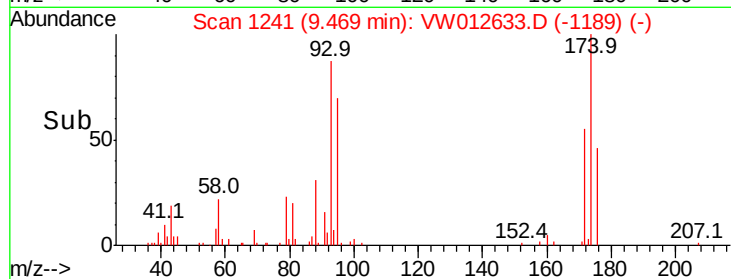
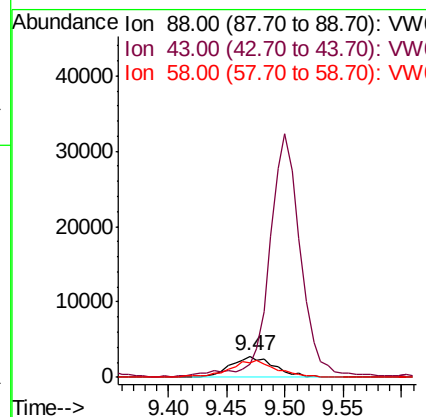
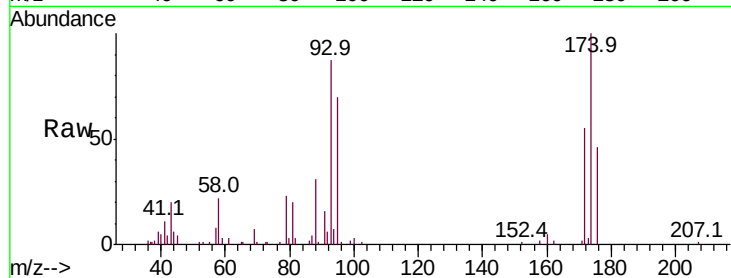




#49
1,4-Dioxane
Concen: 383.098 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

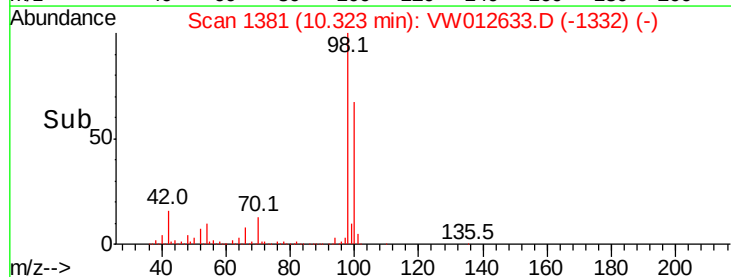
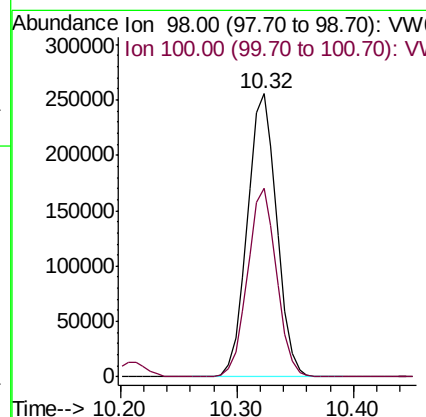
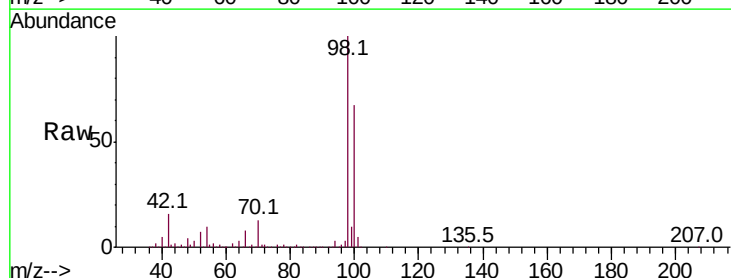
Instrument :
MSVOA_W
ClientSampleId :

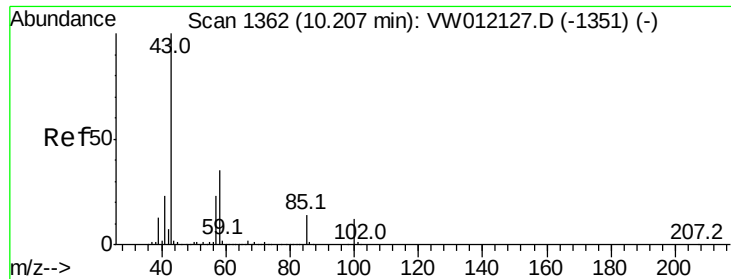
Tot Ion: 88 Resp: 7240
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 87.1 71.0 106.4



#50
Toluene-d8
Concen: 50.769 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 98 Resp: 448927
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

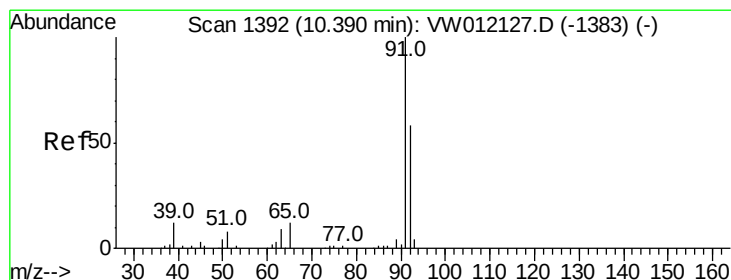
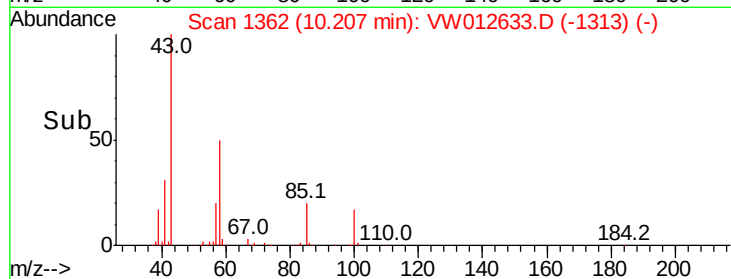
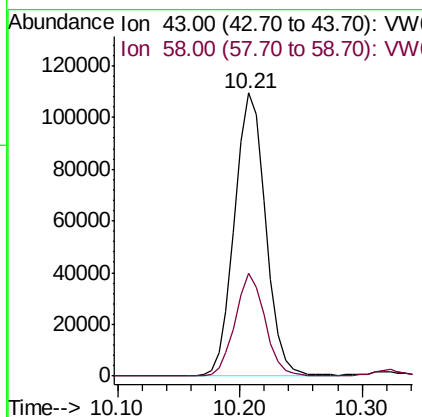
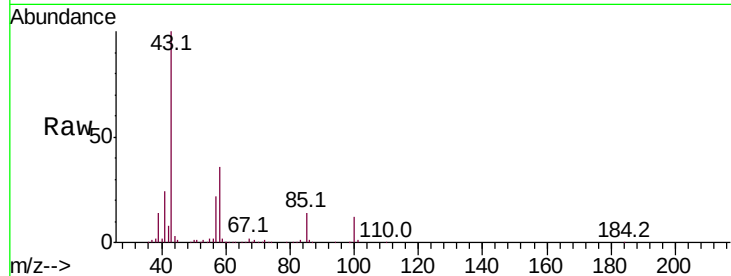




#51
 4-Methyl-2-Pentanone
 Concen: 98.869 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

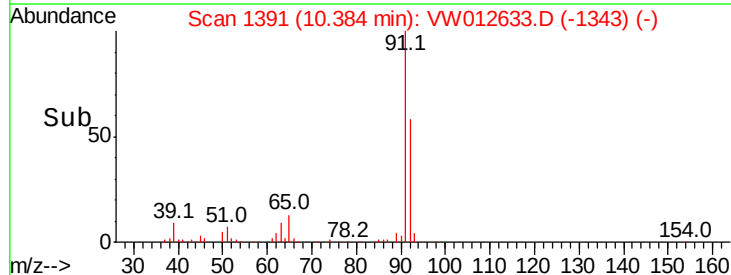
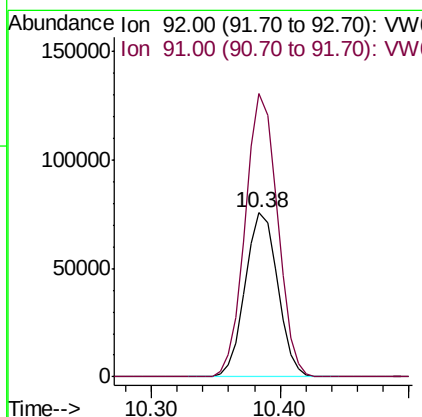
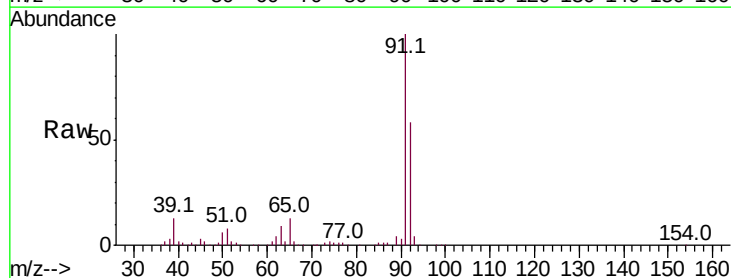
Instrument :
 MSVOA_W
 ClientSampled :

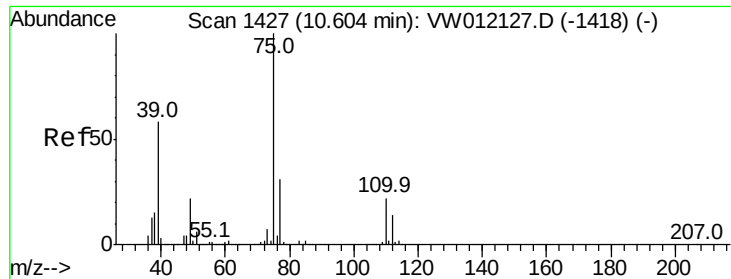
Tot Ion: 43 Resp: 192720
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 21.349 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 92 Resp: 132222
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.057 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

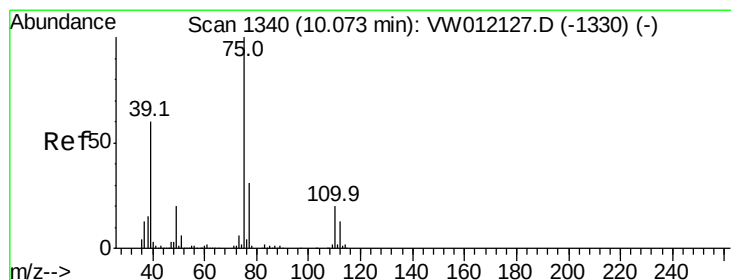
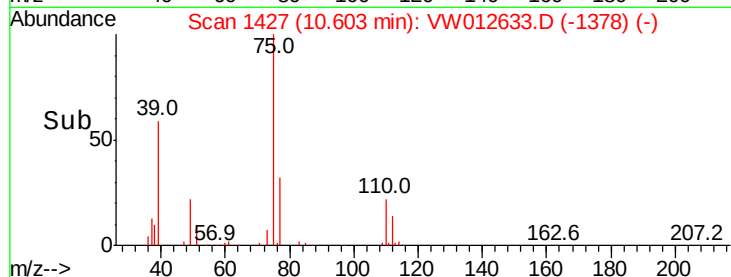
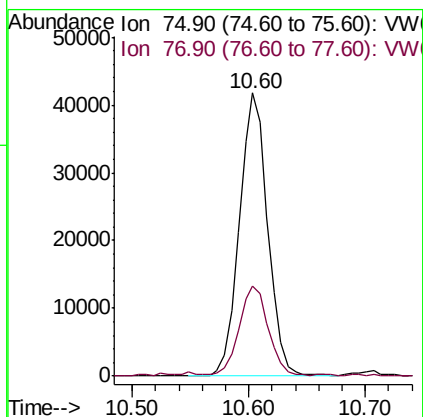
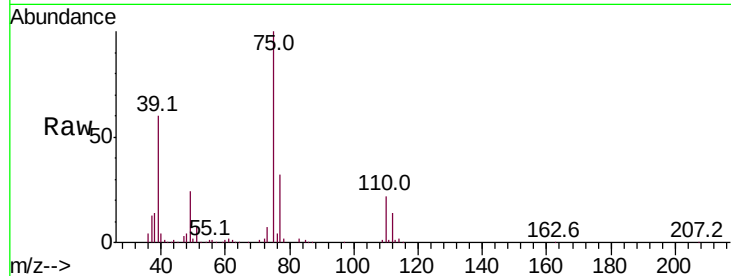
ClientSampled :

Tot Ion: 75 Resp: 70471

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.464 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

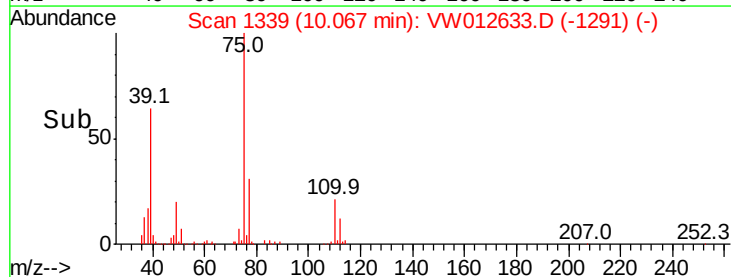
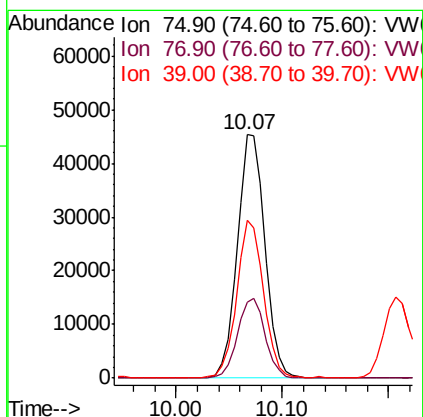
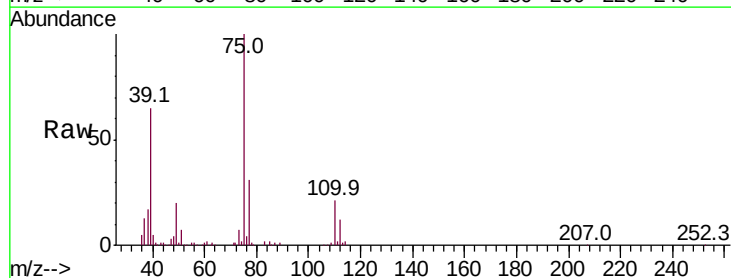
Tgt Ion: 75 Resp: 82693

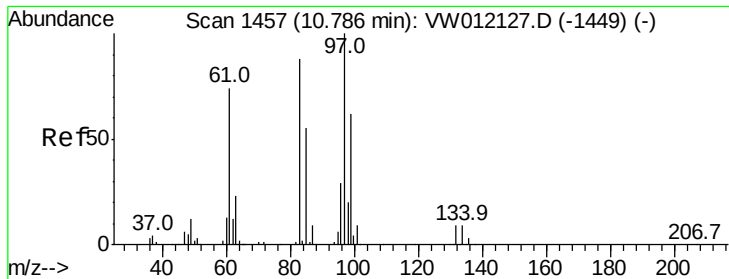
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 64.3 48.3 72.5

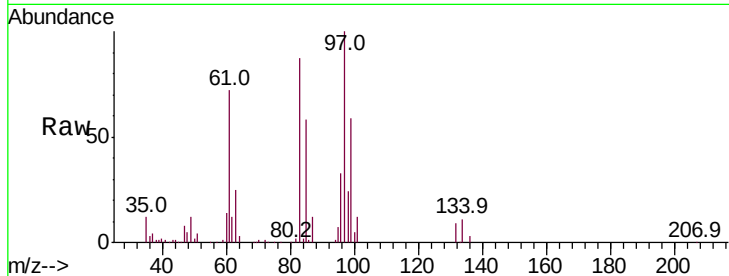




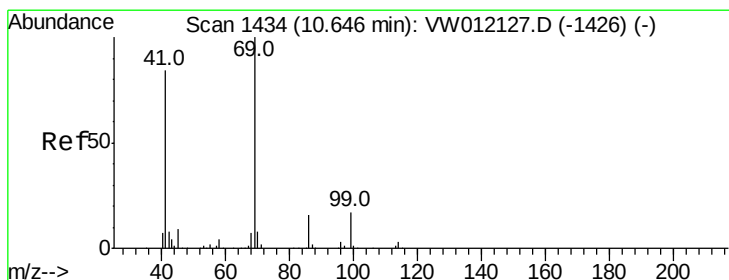
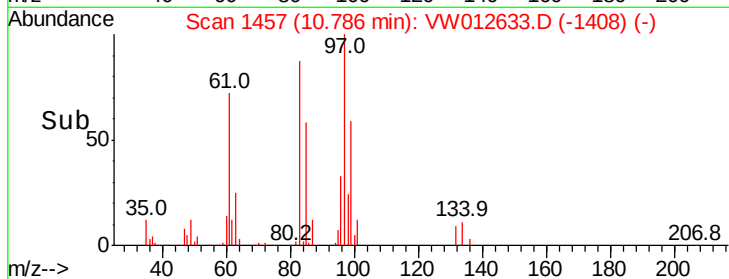
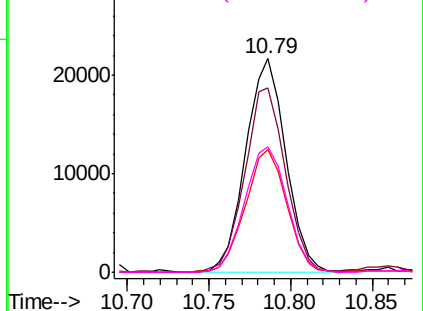
#55
 1,1,2-Trichloroethane
 Concen: 21.310 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	37221
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.8	106.2
85	57.8	43.8	65.8
99	58.8	49.8	74.6

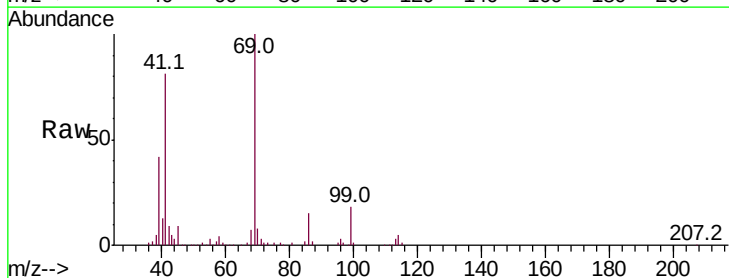


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

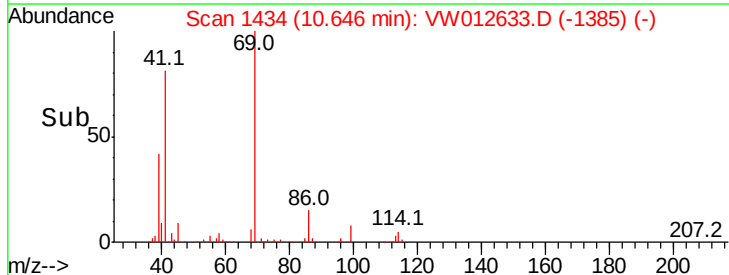
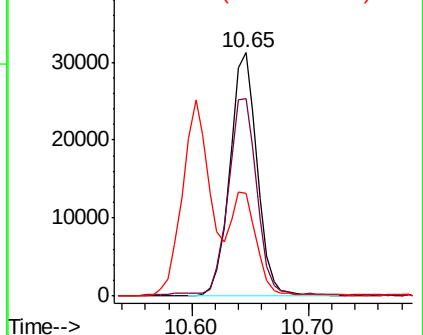


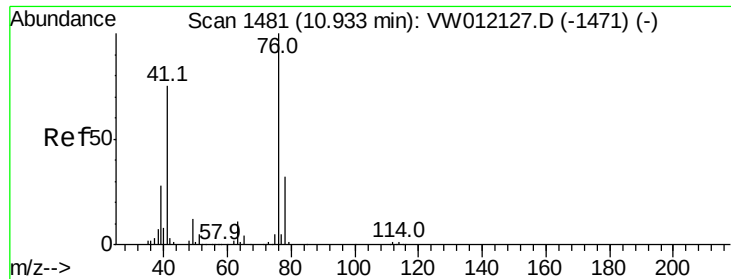
#56
 Ethyl methacrylate
 Concen: 20.050 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion:	69	Resp:	50969
Ion	Ratio	Lower	Upper
69	100		
41	85.7	66.5	99.7
39	38.3	31.0	46.4



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: 21.106 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

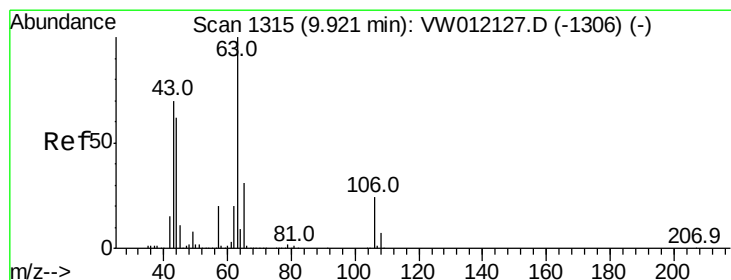
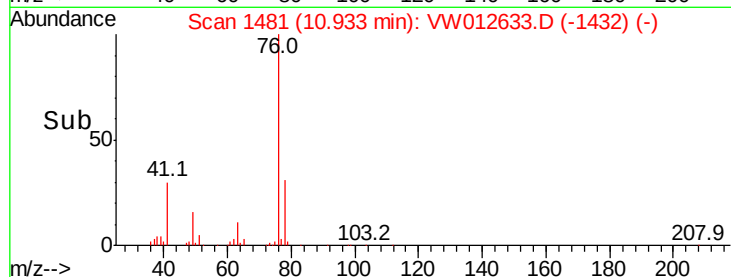
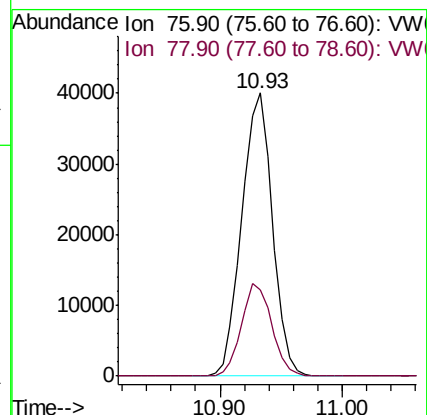
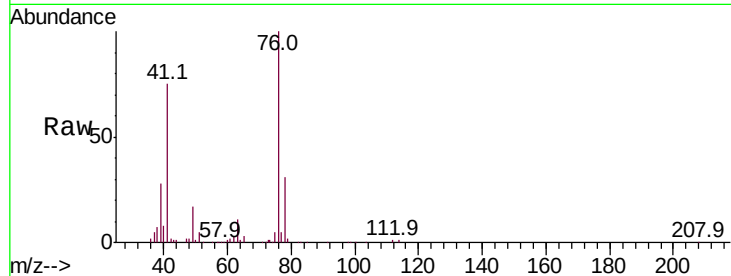
ClientSampled :

Tot Ion: 76 Resp: 69663

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.784 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012633.D

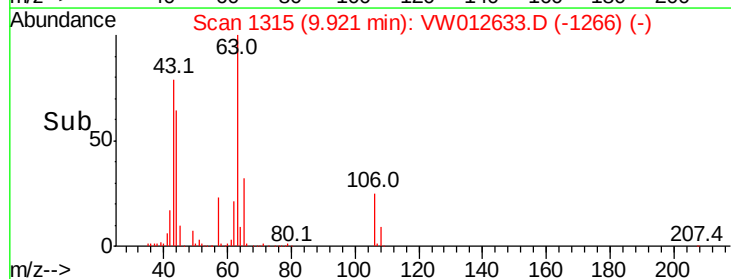
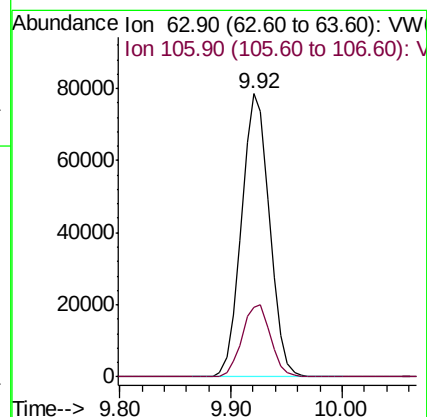
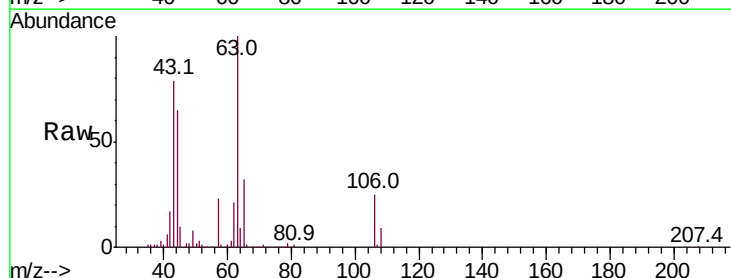
Acq: 05 Sep 2019 11:49

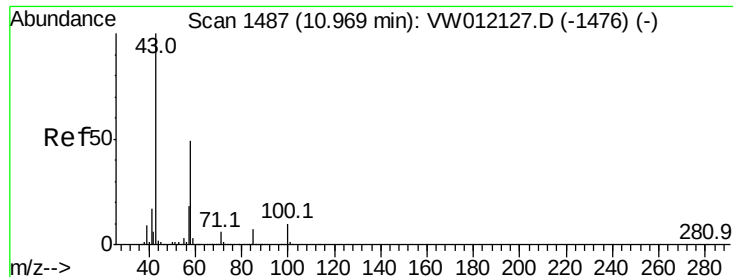
Tgt Ion: 63 Resp: 136706

Ion Ratio Lower Upper

63 100

106 25.9 19.8 29.8

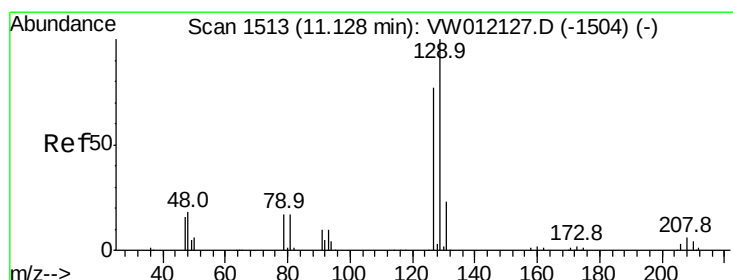
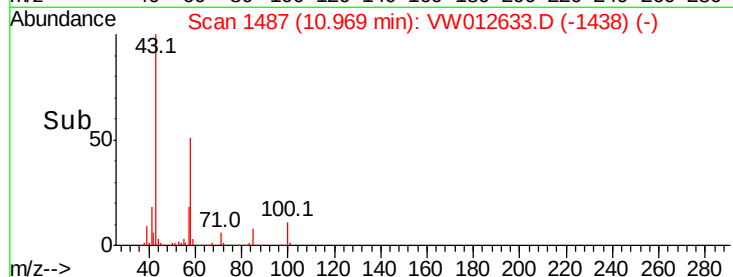
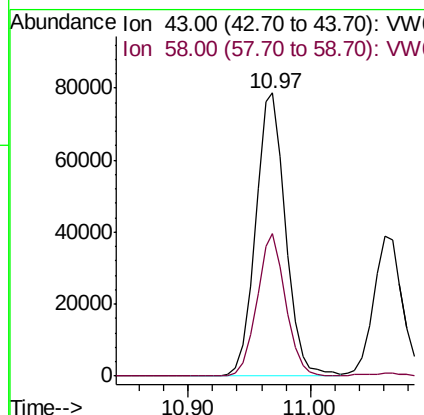
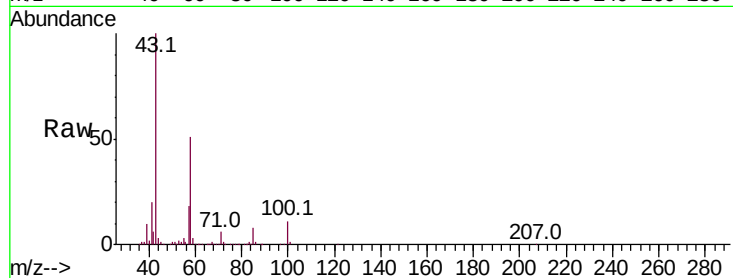




#59
2-Hexanone
Concen: 97.180 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

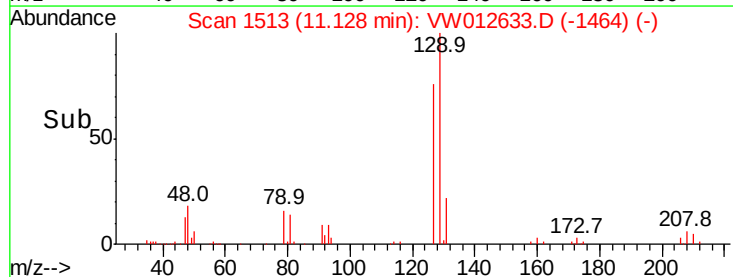
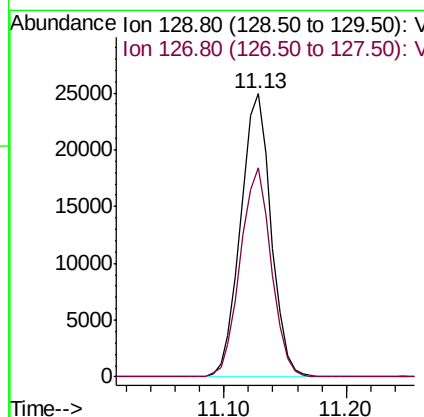
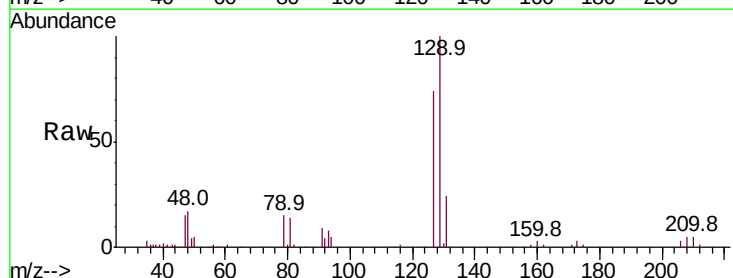
Instrument :
MSVOA_W
ClientSampleId :

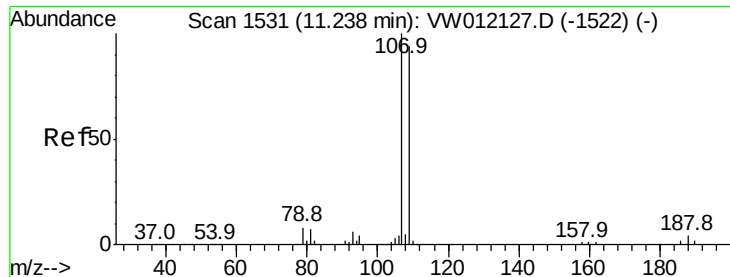
Tot Ion: 43 Resp: 134032
Ion Ratio Lower Upper
43 100
58 48.1 24.3 72.9



#60
Dibromochloromethane
Concen: 22.076 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 129 Resp: 42947
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.8

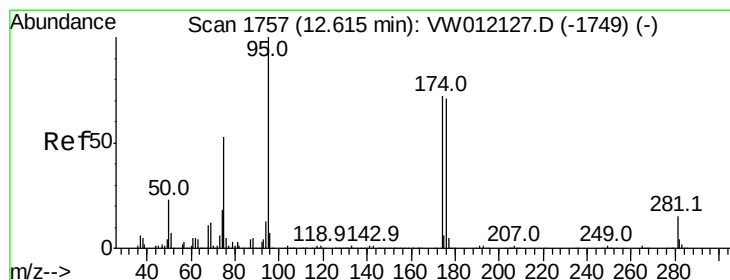
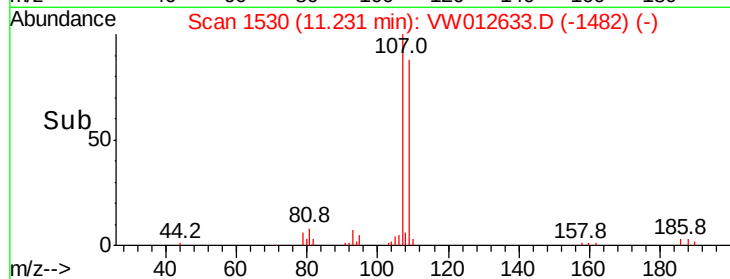
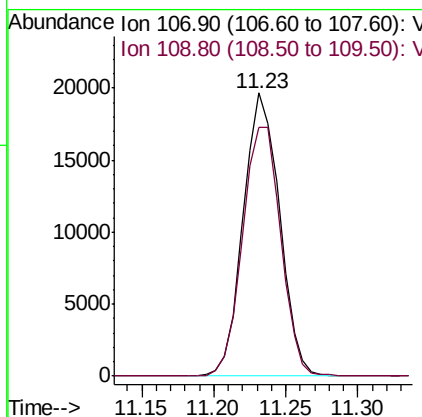
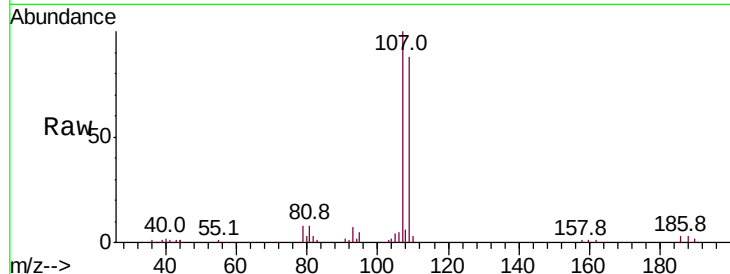




#61
 1,2-Dibromoethane
 Concen: 21.115 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

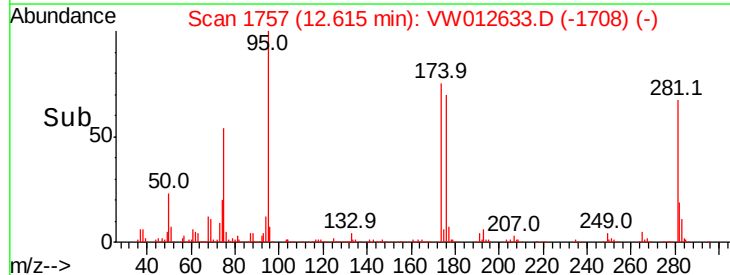
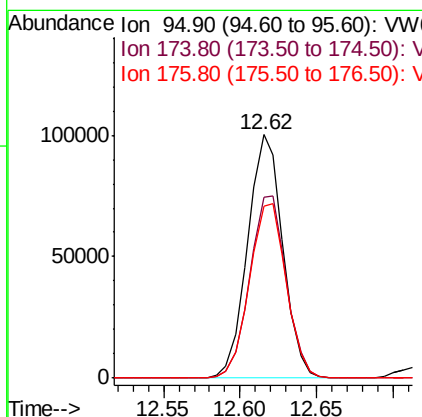
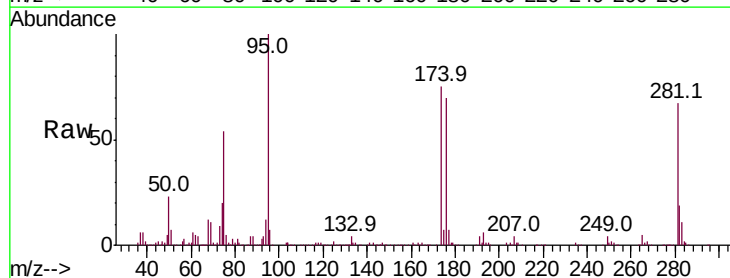
Instrument :
 MSVOA_W
 ClientSampleId :

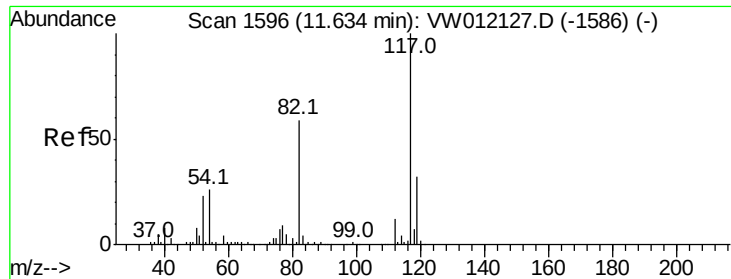
Tot Ion:107 Resp: 34358
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.460 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 95 Resp: 160403
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 150.8
 176 75.2 0.0 148.6

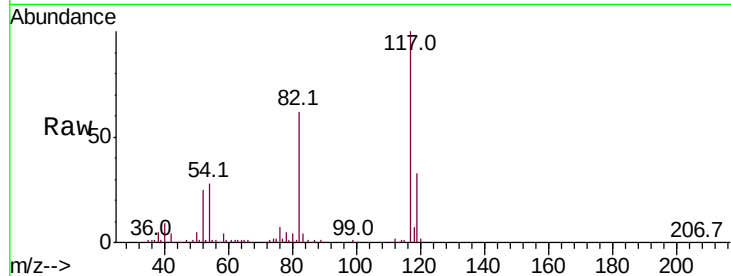




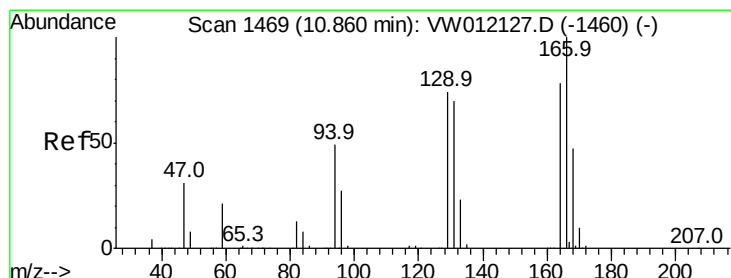
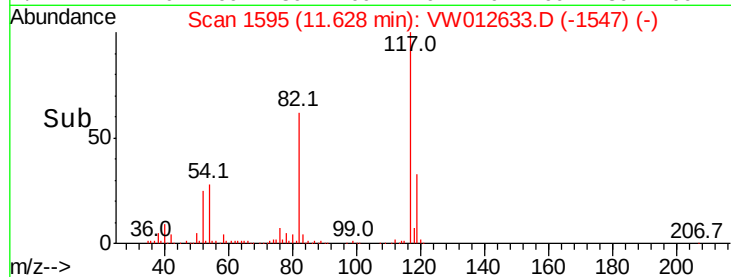
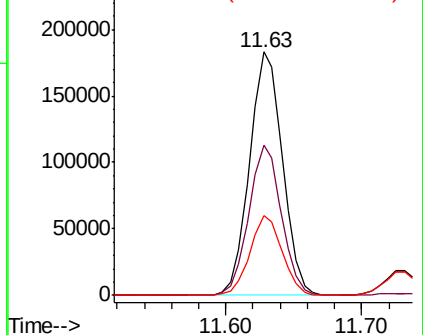
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 311128
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 32.5 25.4 38.2



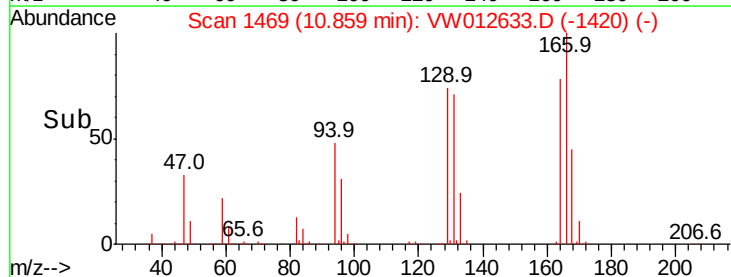
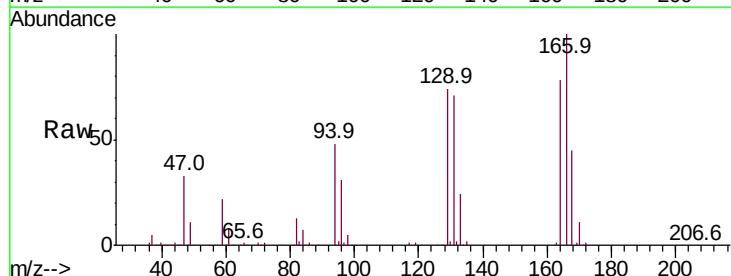
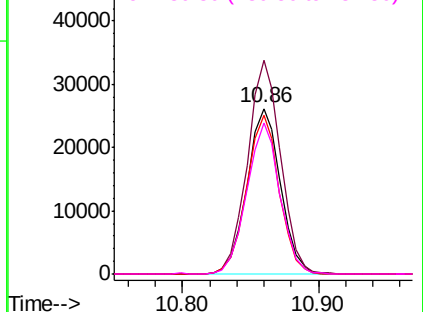
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

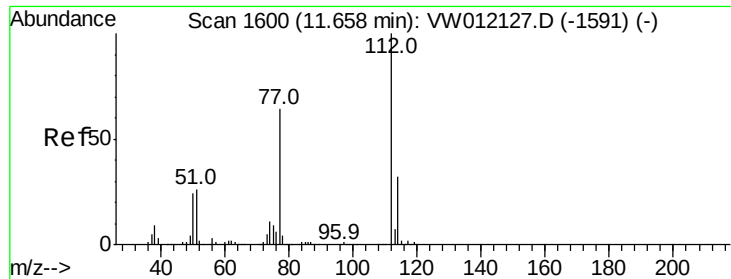


#64
Tetrachloroethene
Concen: 22.303 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion:164 Resp: 44989
Ion Ratio Lower Upper
164 100
166 128.9 102.4 153.6
129 95.7 75.8 113.6
131 91.2 71.4 107.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

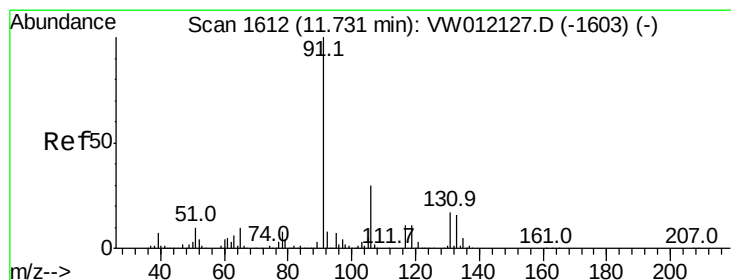
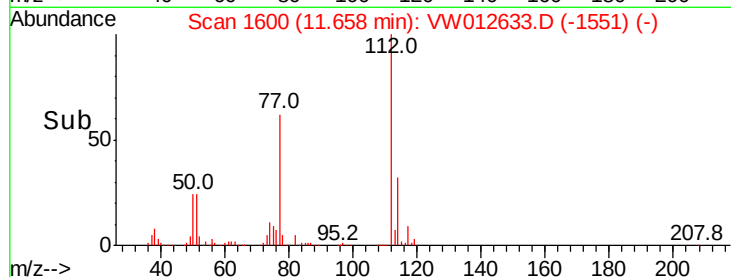
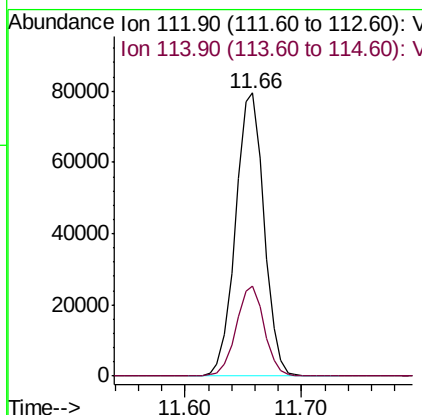
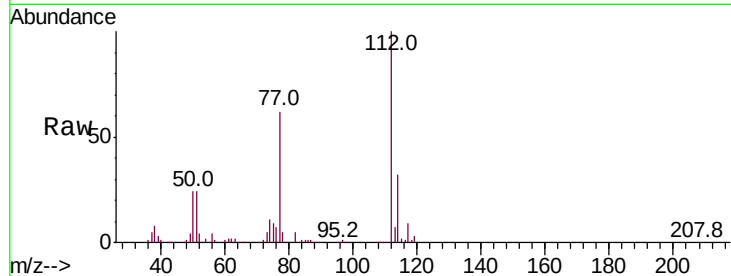




#65
Chlorobenzene
Concen: 22.137 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

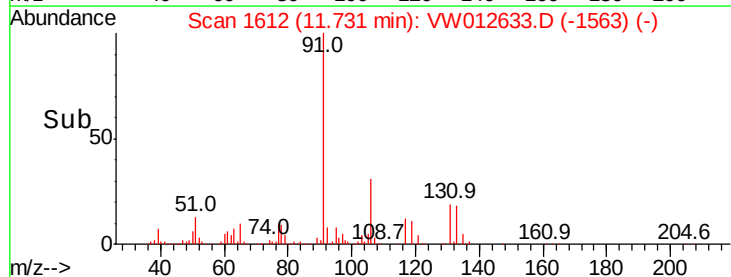
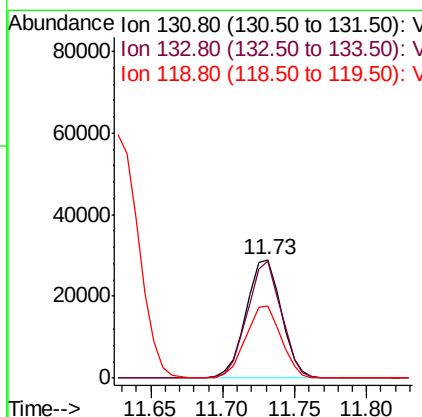
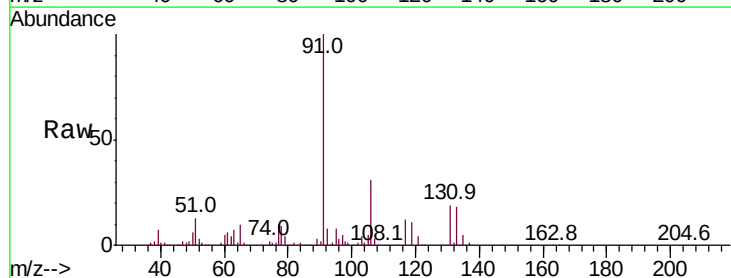
Instrument :
MSVOA_W
ClientSampleId :

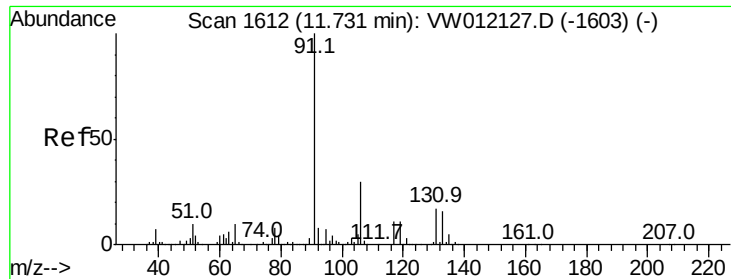
Tot Ion:112 Resp: 135620
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.973 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion:131 Resp: 49099
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.3
119 61.3 31.8 95.3

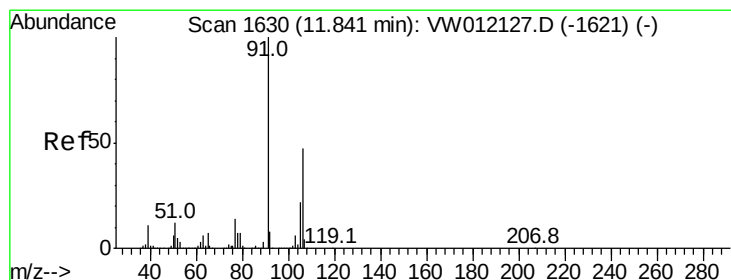
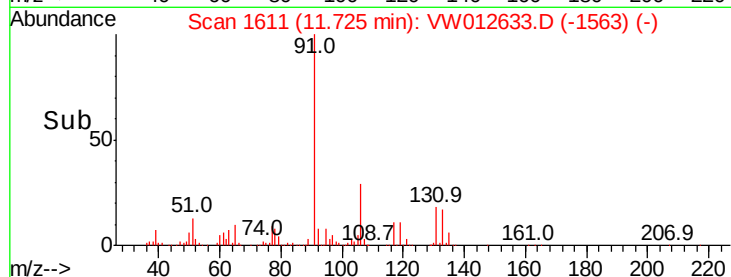
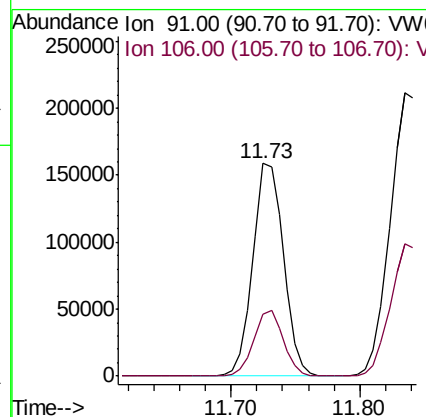
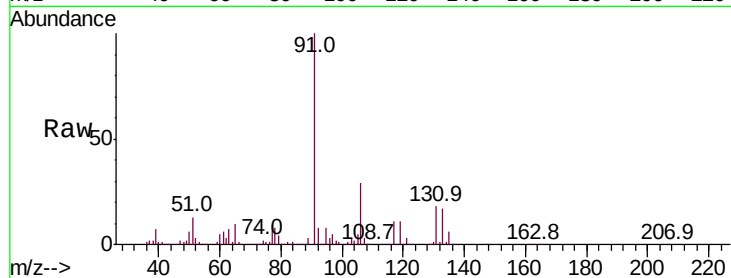




#67
Ethyl Benzene
Concen: 22.074 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

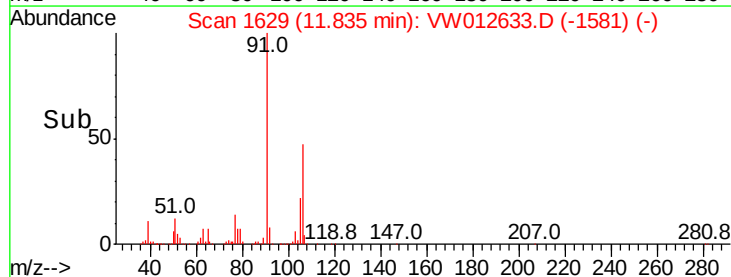
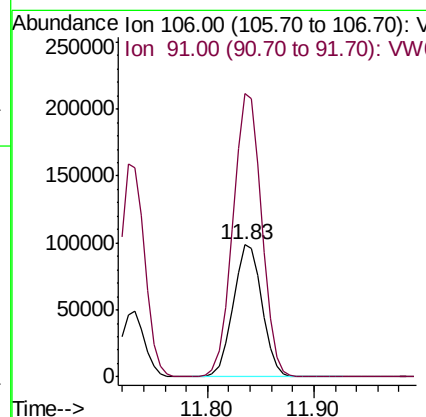
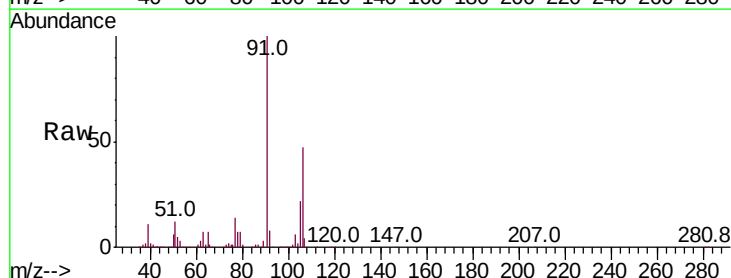
Instrument :
MSVOA_W
ClientSampled :

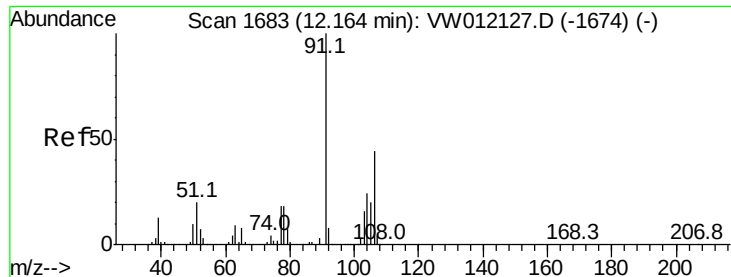
Tot Ion: 91 Resp: 260508
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 43.946 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 106 Resp: 186814
Ion Ratio Lower Upper
106 100
91 214.0 169.5 254.3

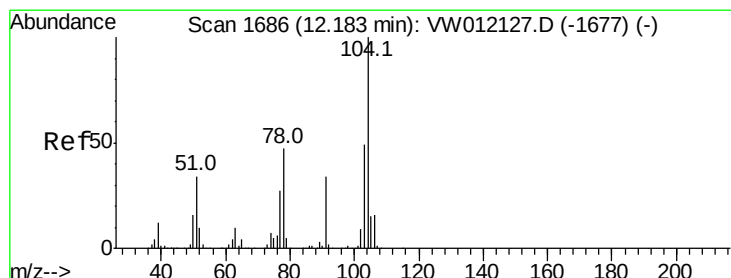
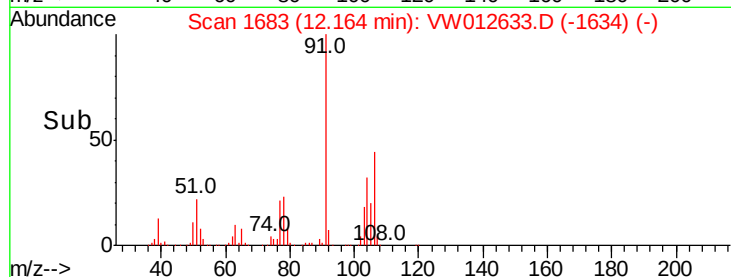
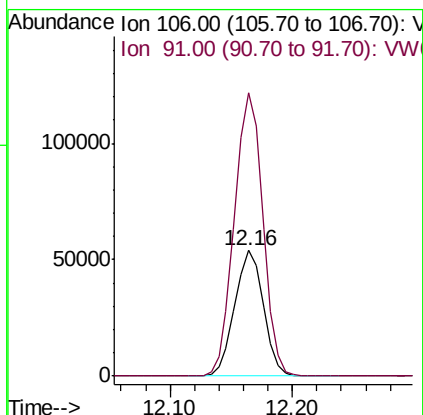
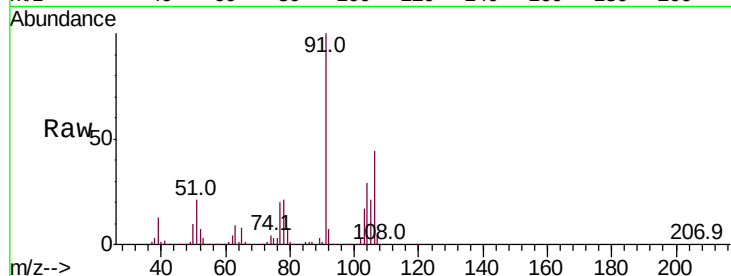




#69
o-Xylene
Concen: 22.244 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

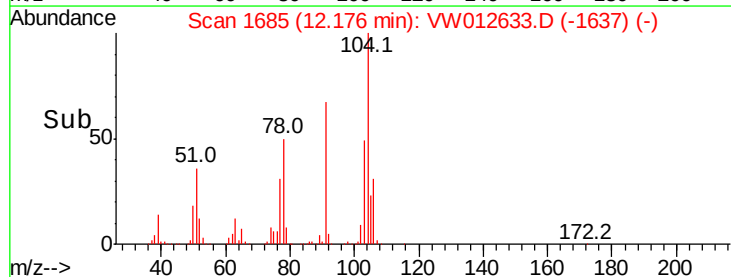
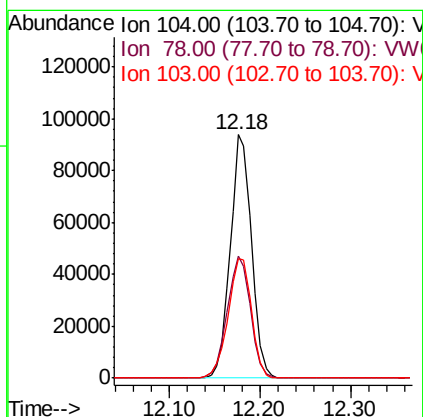
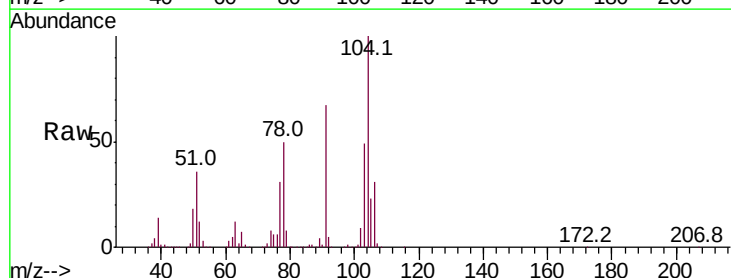
Instrument :
MSVOA_W
ClientSampled :

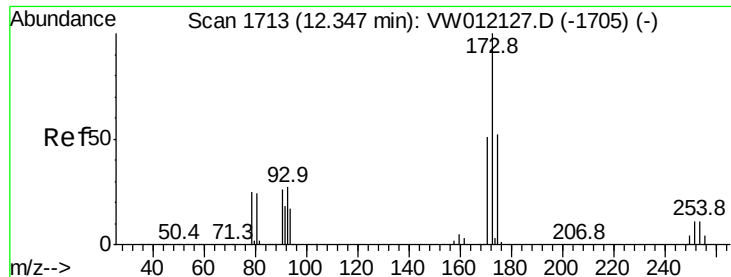
Tot Ion:106 Resp: 87518
Ion Ratio Lower Upper
106 100
91 224.0 111.6 334.6



#70
Styrene
Concen: 22.345 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion:104 Resp: 152174
Ion Ratio Lower Upper
104 100
78 54.9 43.1 64.7
103 54.1 43.5 65.3





#71

Bromoform

Concen: 21.923 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

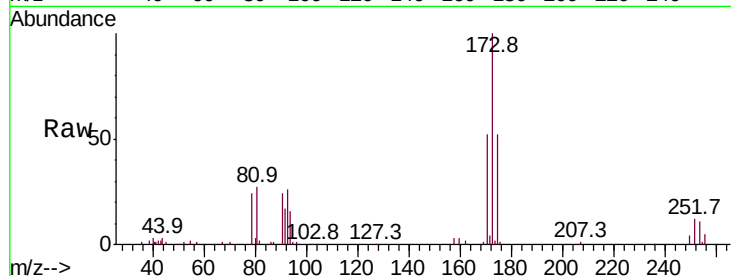
Tot Ion:173 Resp: 23344

Ion Ratio Lower Upper

173 100

175 50.4 24.6 74.0

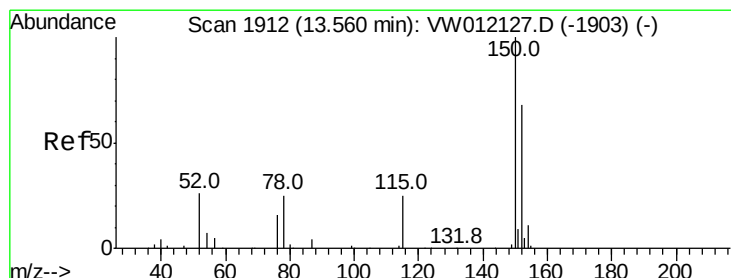
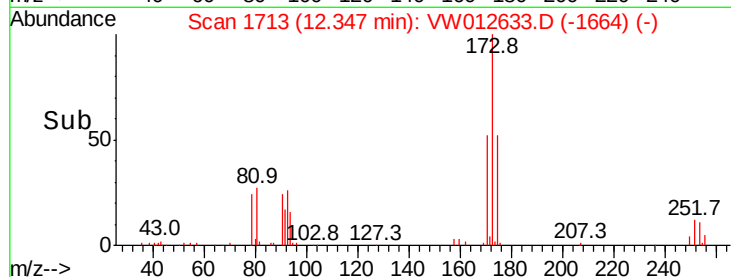
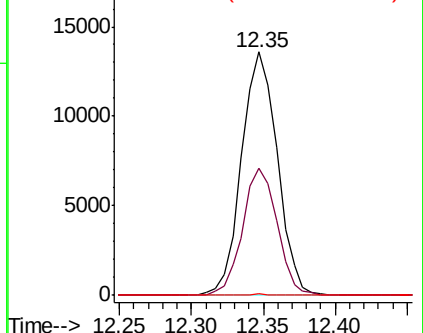
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

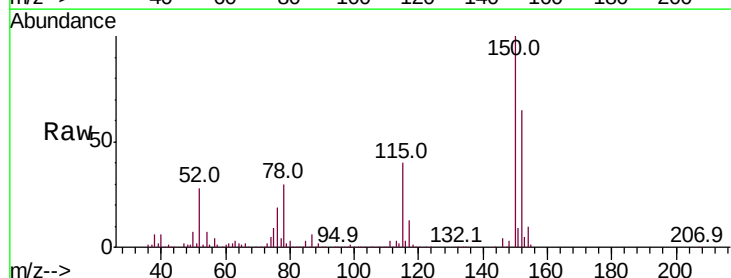
Tgt Ion:152 Resp: 156757

Ion Ratio Lower Upper

152 100

115 59.1 30.1 90.3

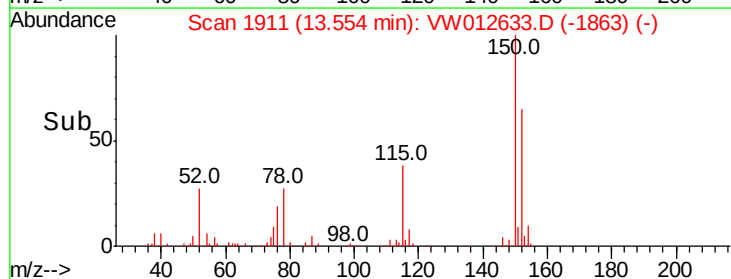
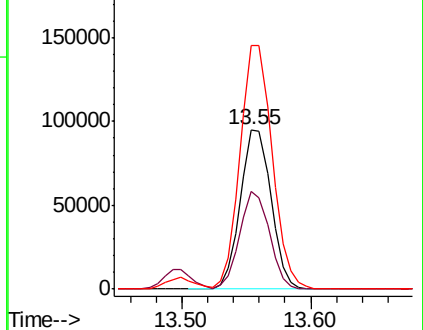
150 160.0 0.0 345.8

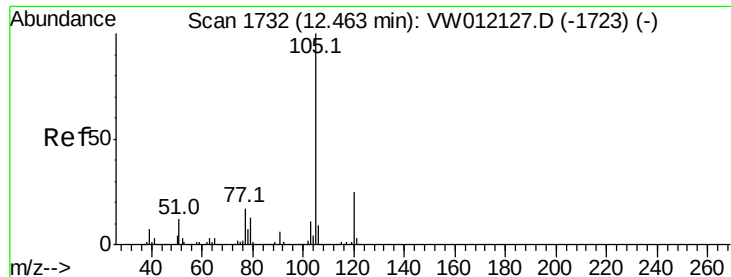


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

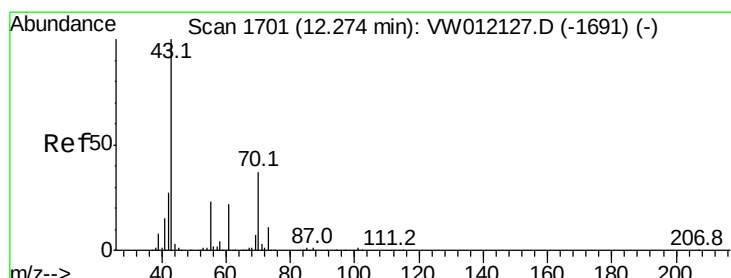
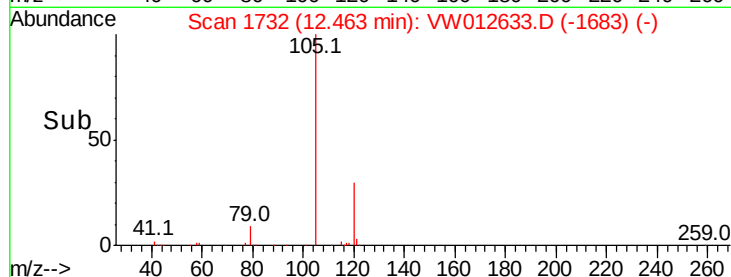
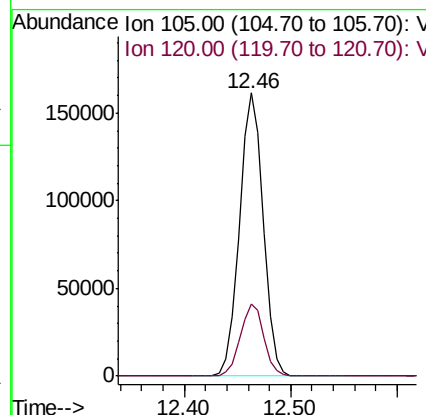
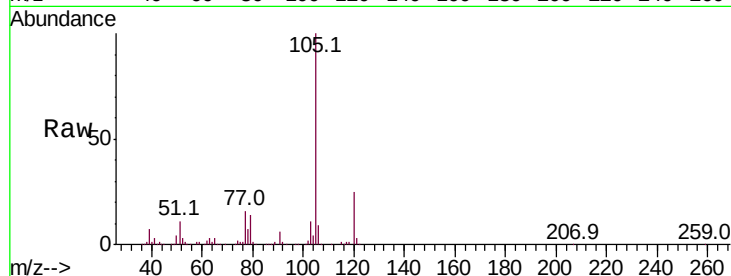




#73
Isopropylbenzene
Concen: 21.475 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

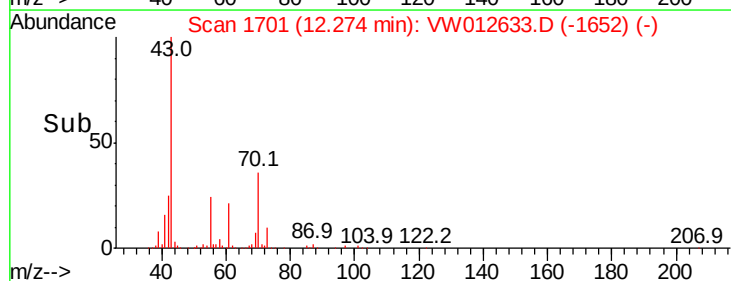
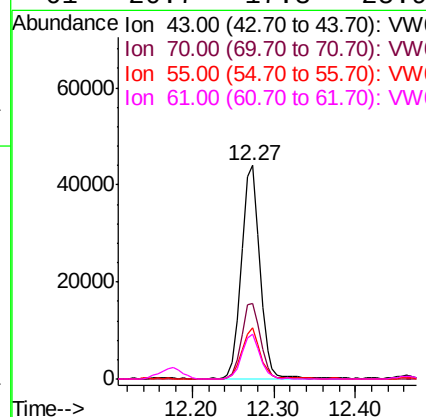
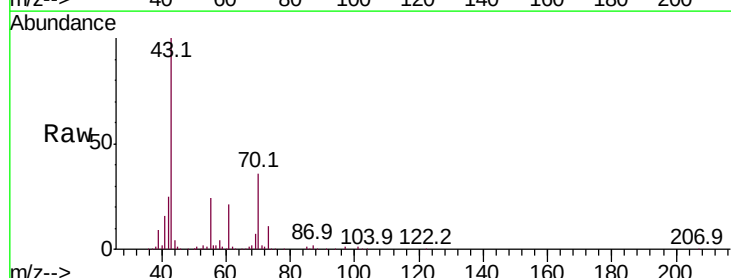
Instrument :
MSVOA_W
ClientSampleId :

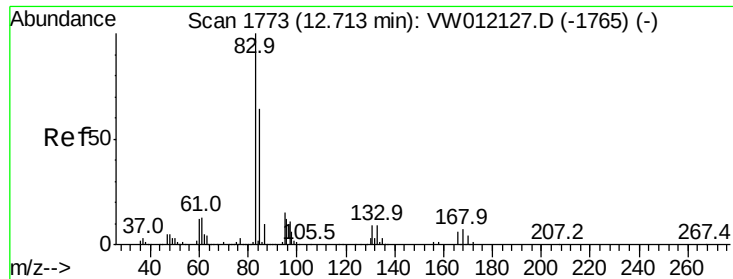
Tot Ion:105 Resp: 252241
Ion Ratio Lower Upper
105 100
120 25.1 12.5 37.5



#74
N-ethyl acetate
Concen: 19.310 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 43 Resp: 68527
Ion Ratio Lower Upper
43 100
70 35.8 28.6 43.0
55 23.4 17.8 26.6
61 20.7 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.841 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

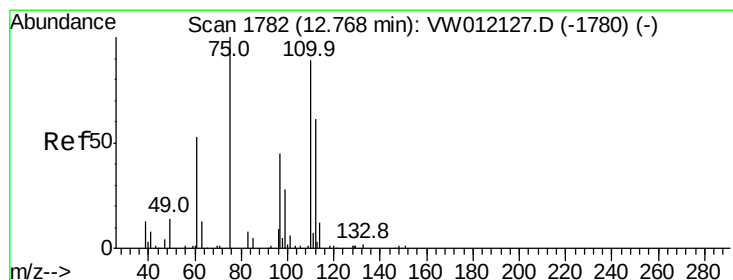
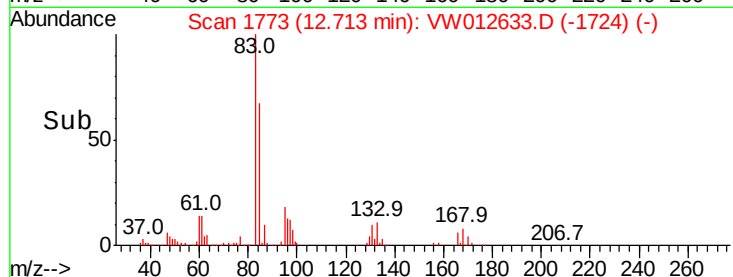
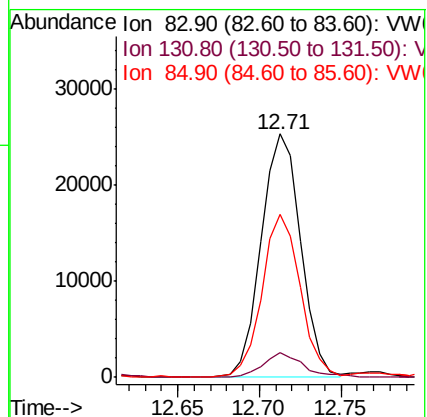
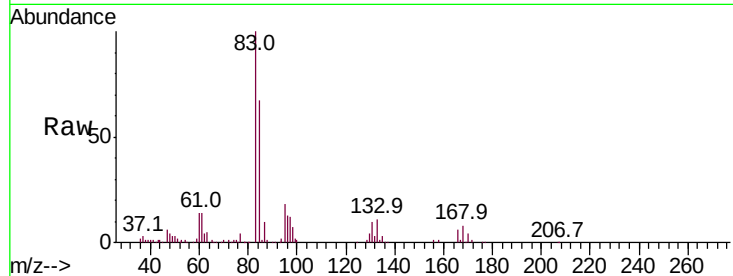
Tot Ion: 83 Resp: 42725

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.7	31.9	95.7

83 100

131 10.3 4.9 14.7

85 64.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 38.254 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012633.D

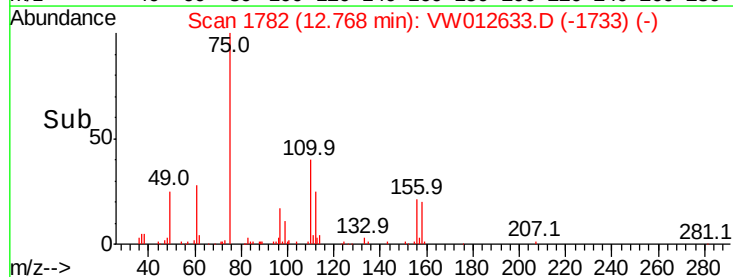
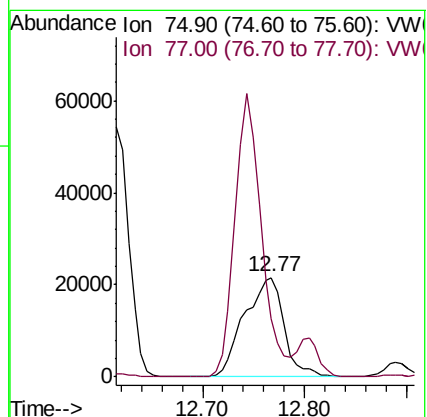
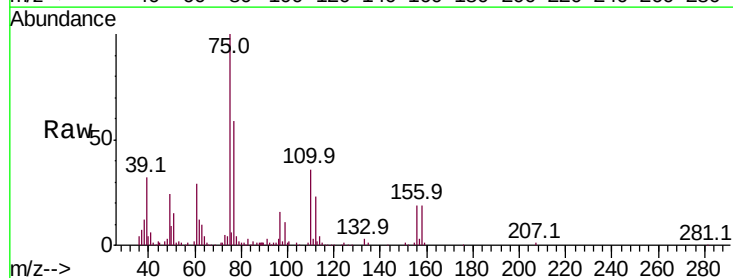
Acq: 05 Sep 2019 11:49

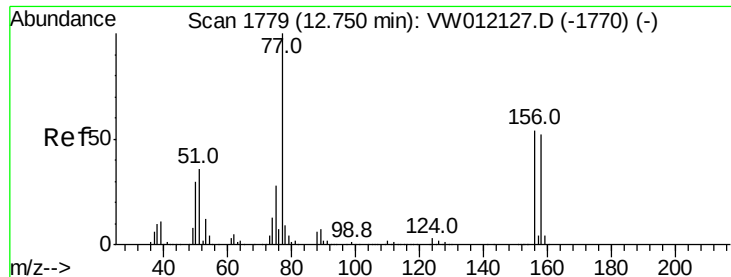
Tgt Ion: 75 Resp: 58403

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.350 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

ClientSampleId :

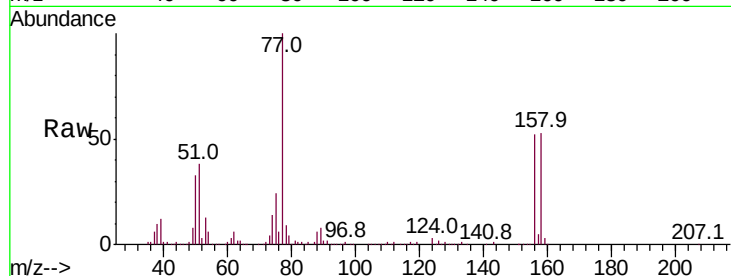
Tot Ion:156 Resp: 54254

Ion Ratio Lower Upper

156 100

77 205.5 107.3 321.8

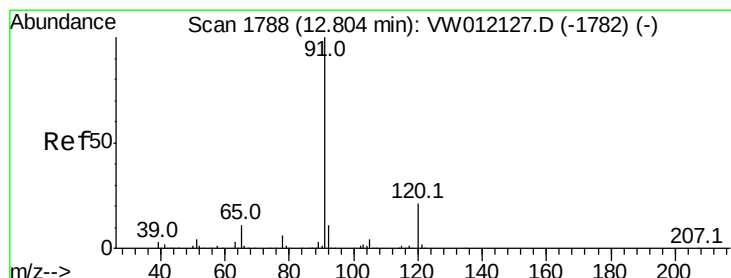
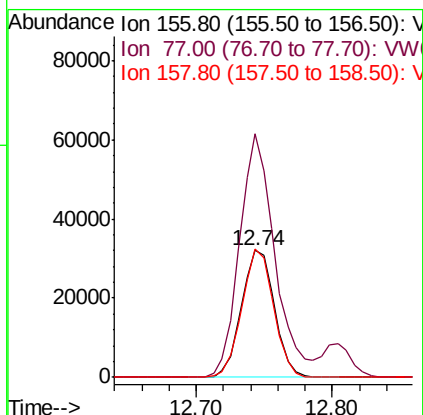
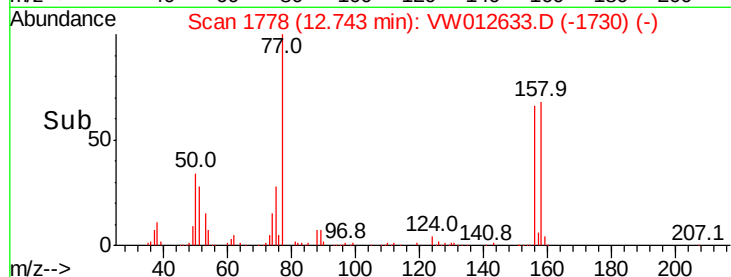
158 97.5 49.0 147.0



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: 21.136 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012633.D

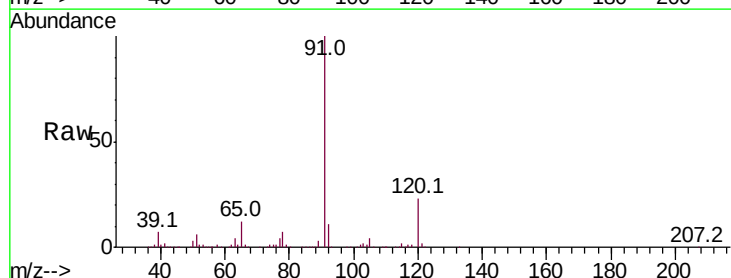
Acq: 05 Sep 2019 11:49

Tgt Ion: 91 Resp: 303080

Ion Ratio Lower Upper

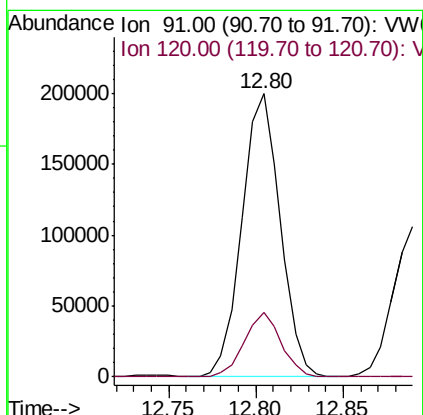
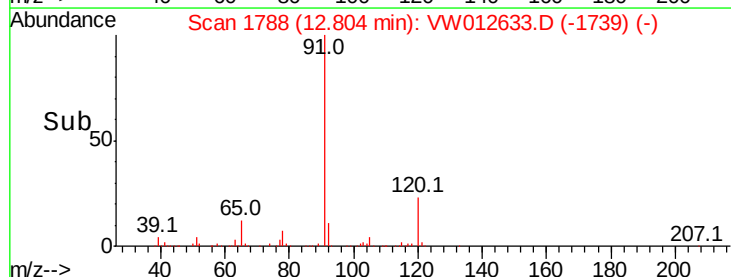
91 100

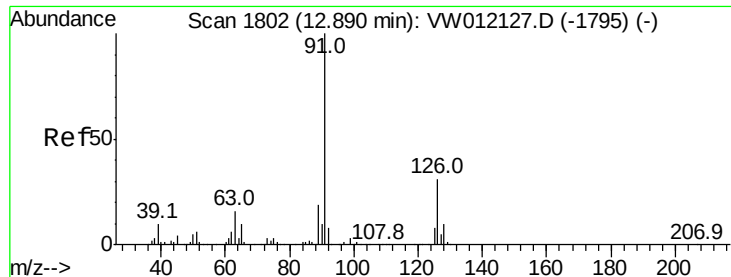
120 21.9 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.248 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012633.D

Acq: 05 Sep 2019 11:49

Instrument :

MSVOA_W

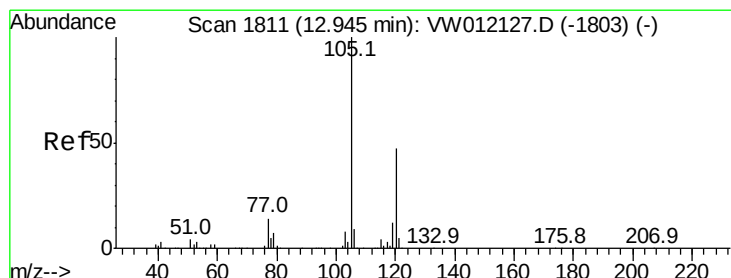
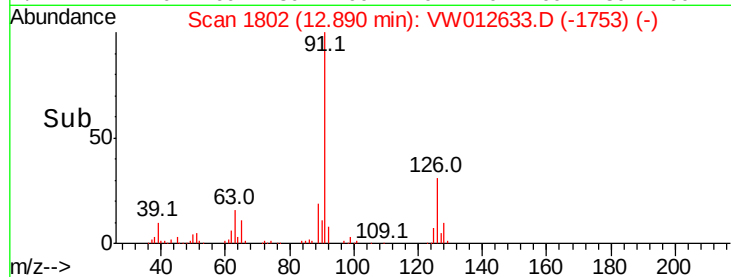
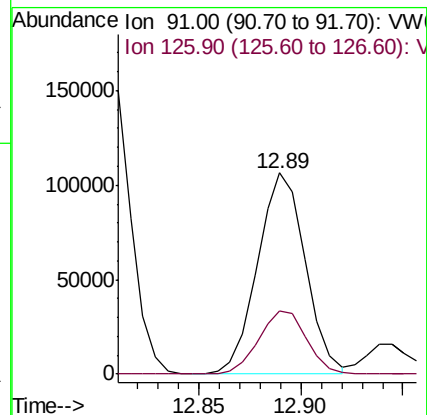
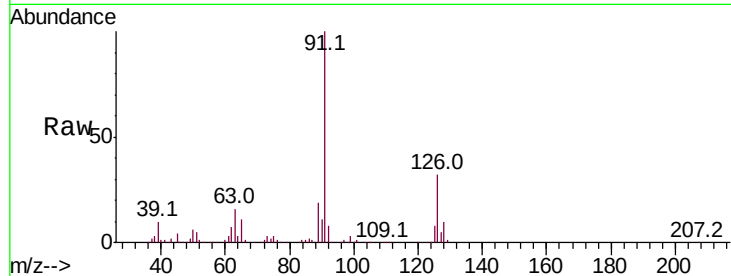
ClientSampleId :

Tot Ion: 91 Resp: 172985

Ion Ratio Lower Upper

91 100

126 31.8 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 21.764 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012633.D

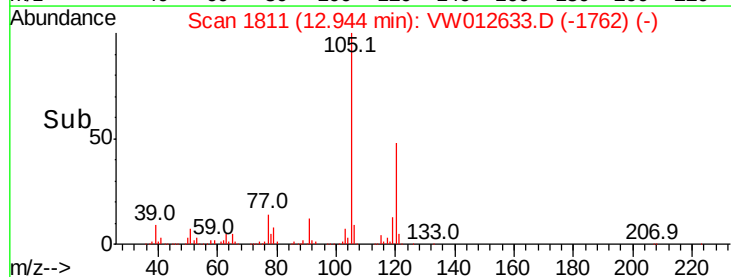
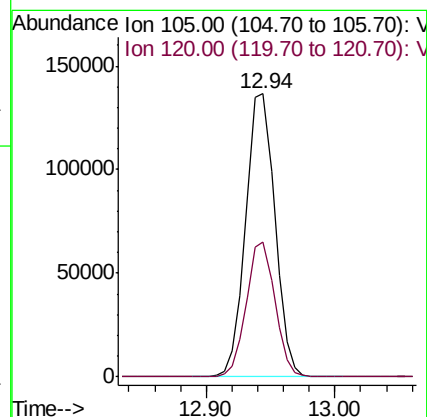
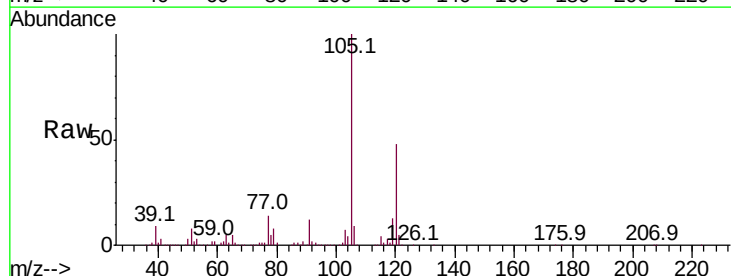
Acq: 05 Sep 2019 11:49

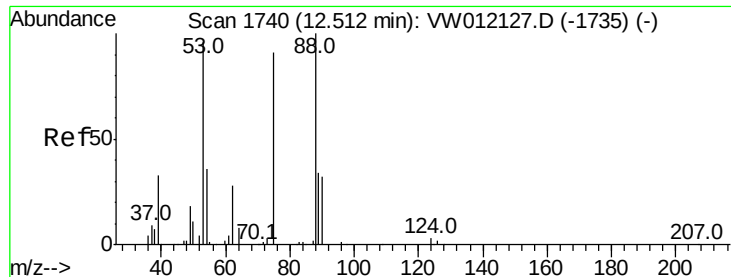
Tgt Ion:105 Resp: 213613

Ion Ratio Lower Upper

105 100

120 46.7 24.0 72.0

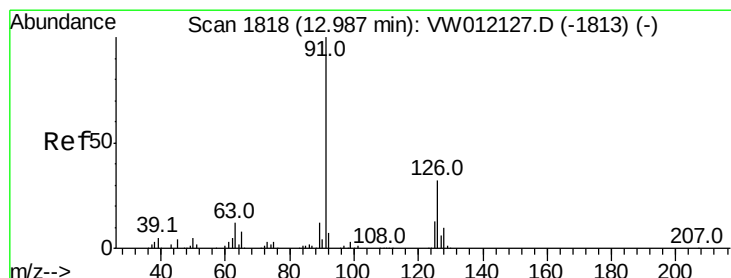
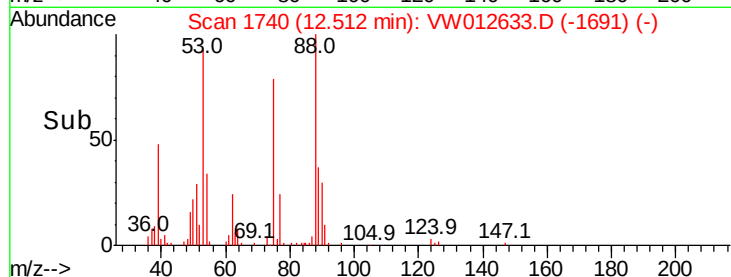
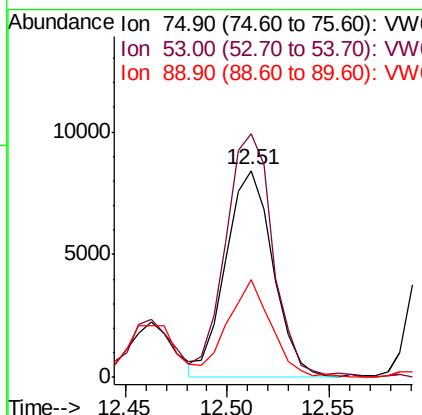
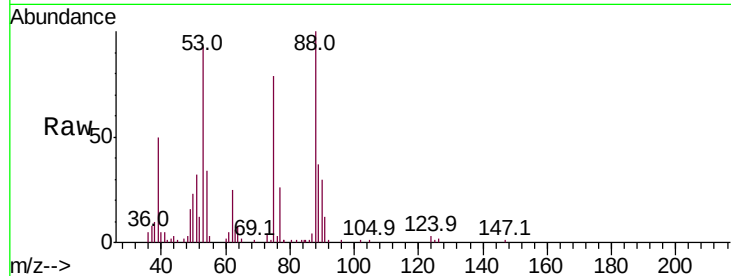




#81
trans-1,4-Dichloro-2-butene
Concen: 19.414 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

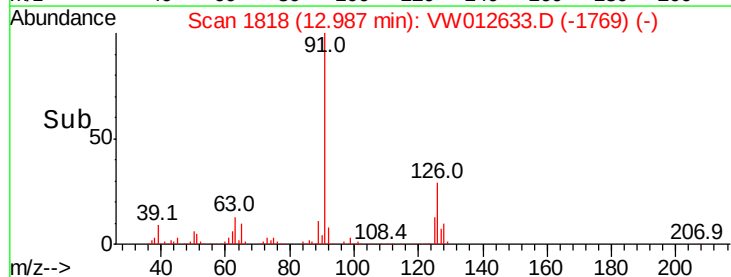
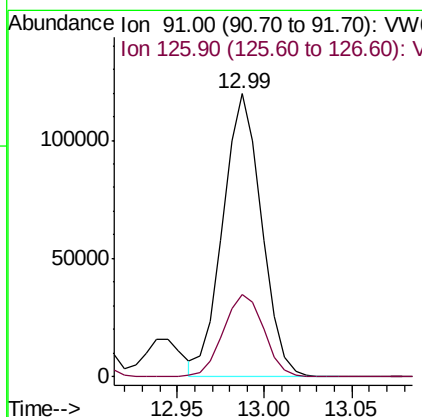
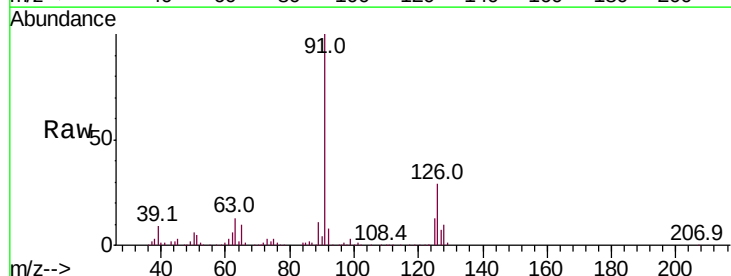
Instrument :
MSVOA_W
ClientSampled :

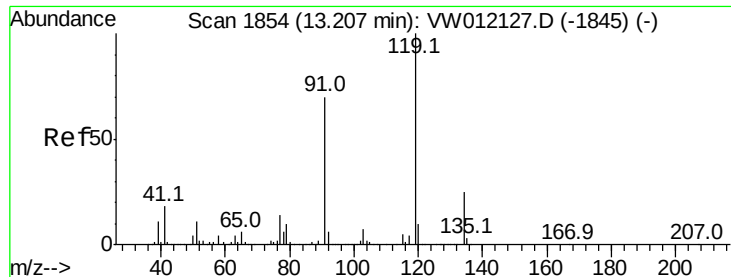
Tot Ion: 75 Resp: 13518
Ion Ratio Lower Upper
75 100
53 118.5 89.4 134.0
89 43.0 34.5 51.7



#82
4-Chlorotoluene
Concen: 21.518 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion: 91 Resp: 183431
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.8

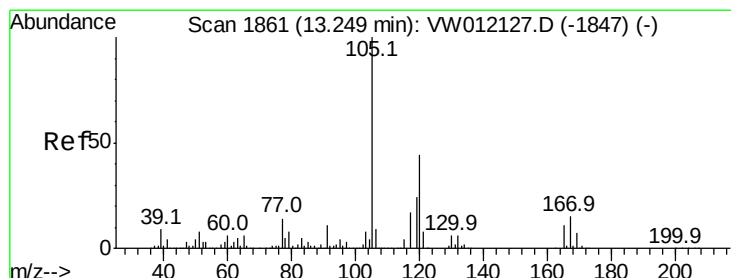
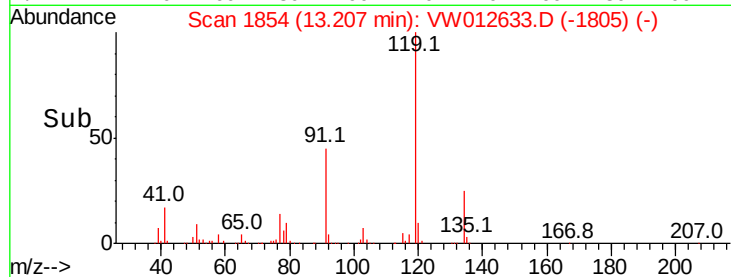
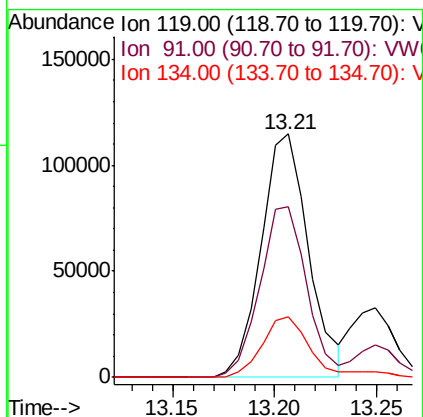
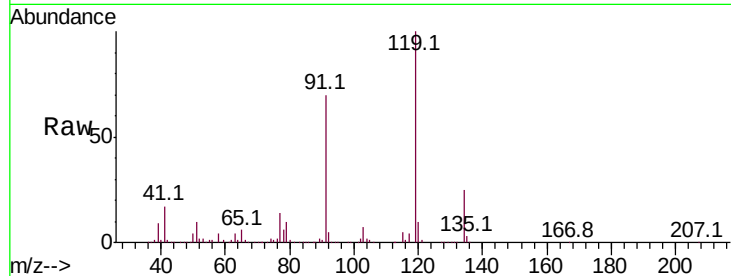




#83
 tert-Butylbenzene
 Concen: 22.348 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

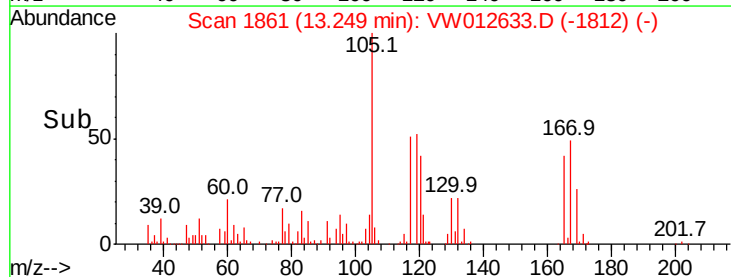
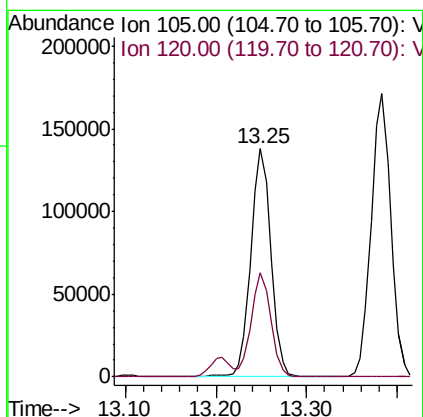
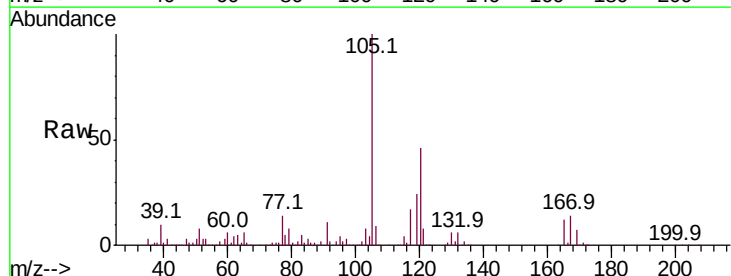
Instrument :
 MSVOA_W
 ClientSampled :

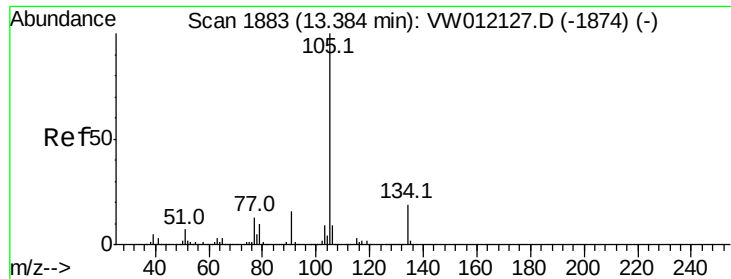
Tot Ion:119 Resp: 185799
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.3
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.588 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion:105 Resp: 212845
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7

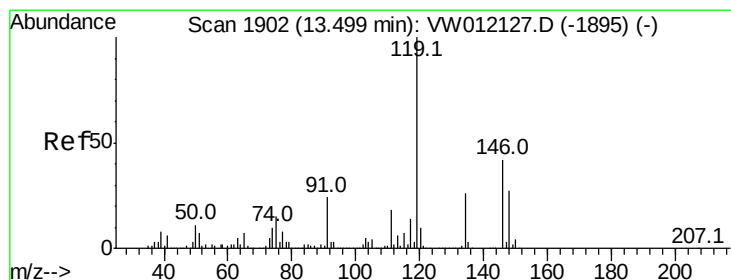
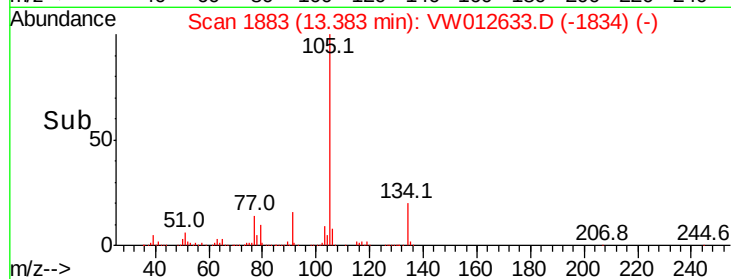
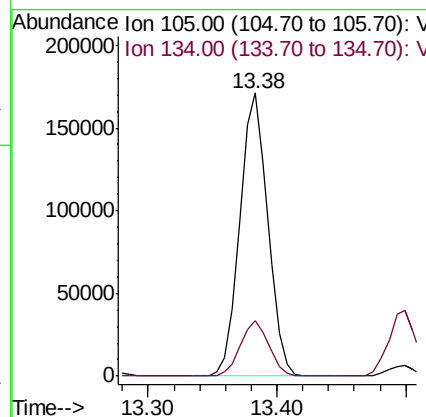
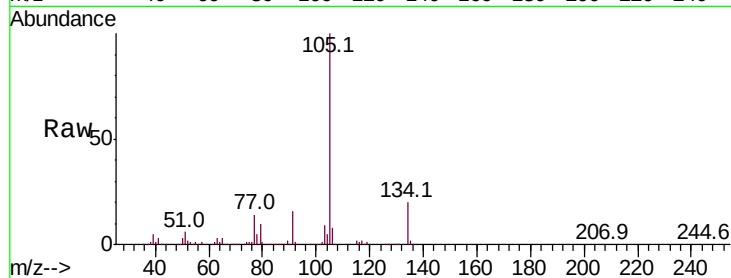




#85
 sec-Butylbenzene
 Concen: 21.639 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

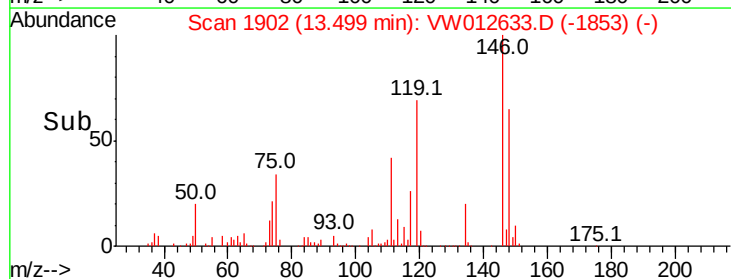
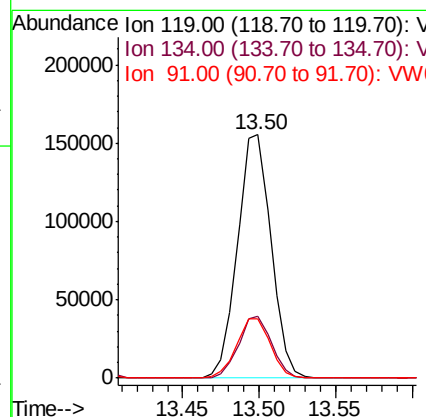
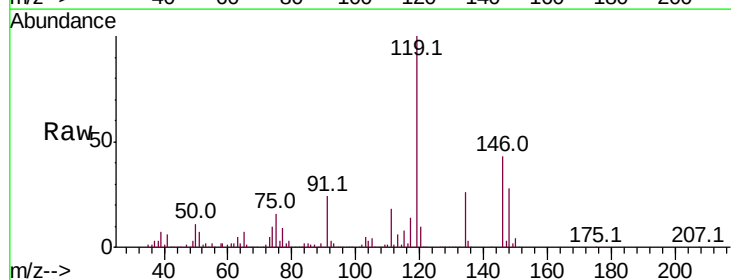
Instrument :
 MSVOA_W
 ClientSampleId :

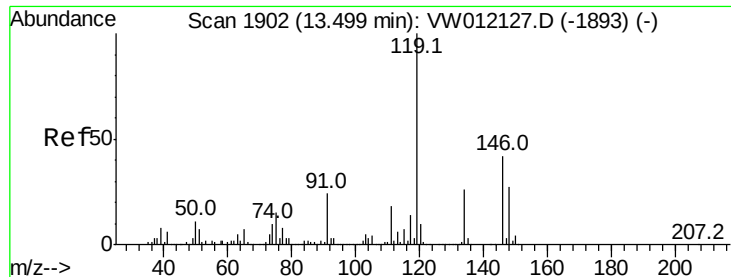
Tot Ion:105 Resp: 257747
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.170 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion:119 Resp: 235836
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.6 12.3 36.9

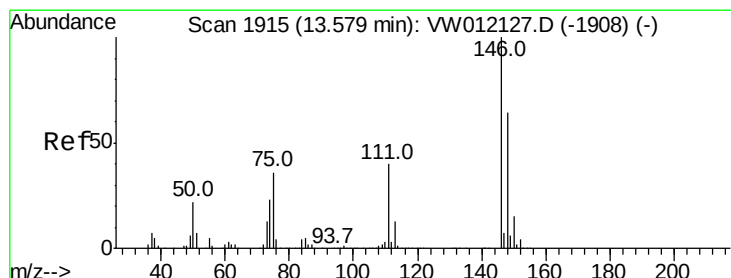
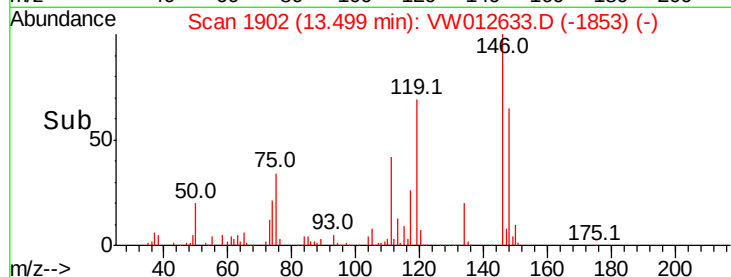
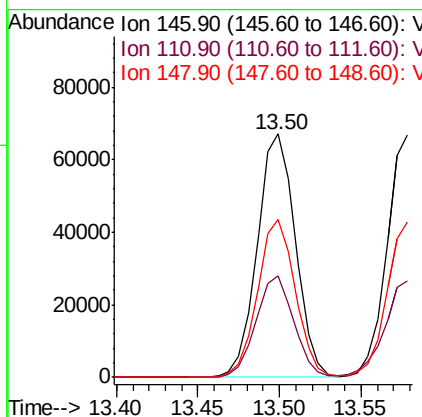
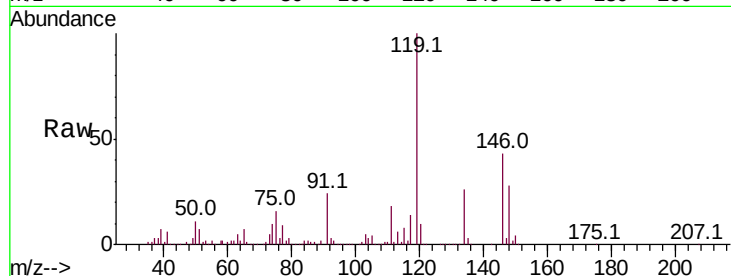




#87
 1,3-Dichlorobenzene
 Concen: 21.895 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

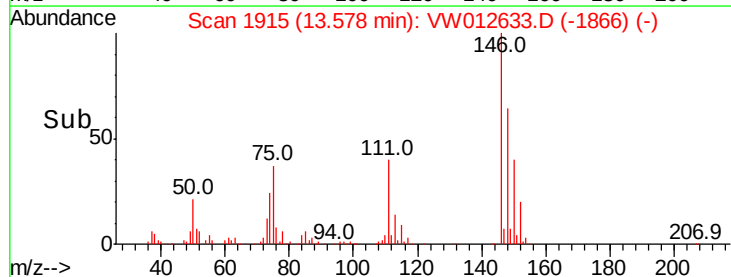
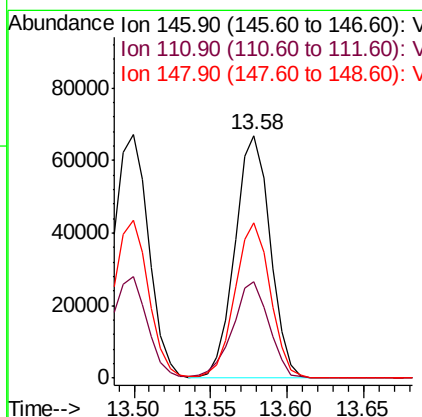
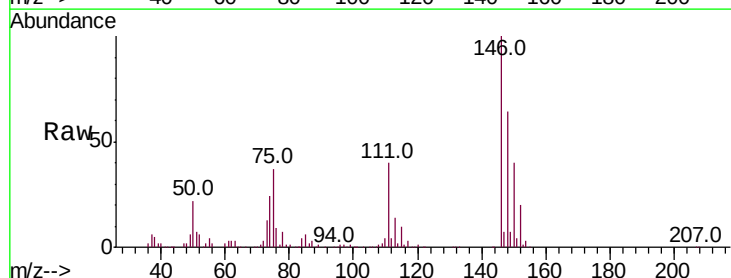
Instrument :
 MSVOA_W
 ClientSampled :

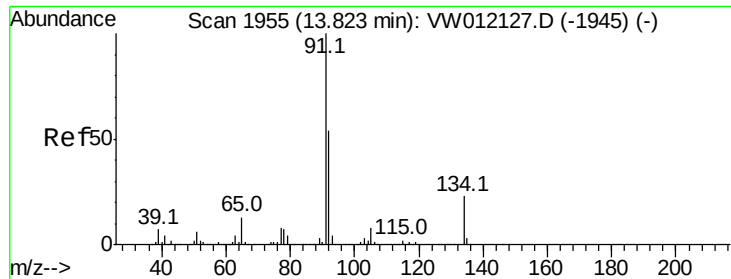
Tot Ion:146 Resp: 108825
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.9 62.7
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 21.662 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion:146 Resp: 106906
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 64.3 32.1 96.3

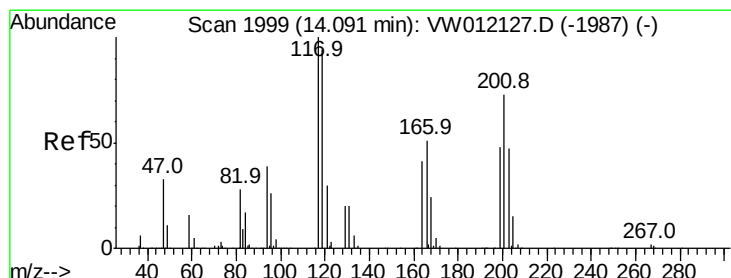
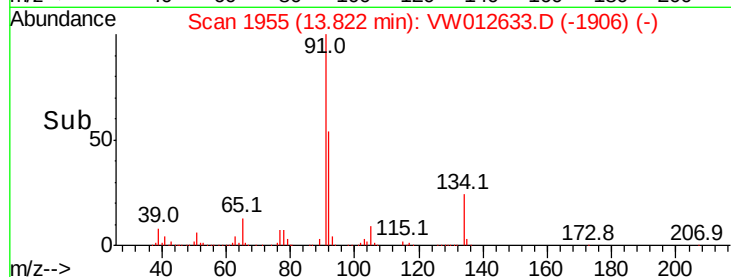
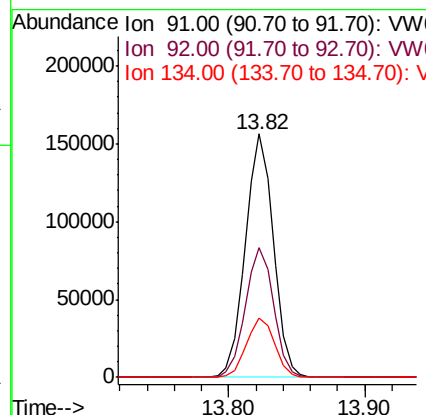
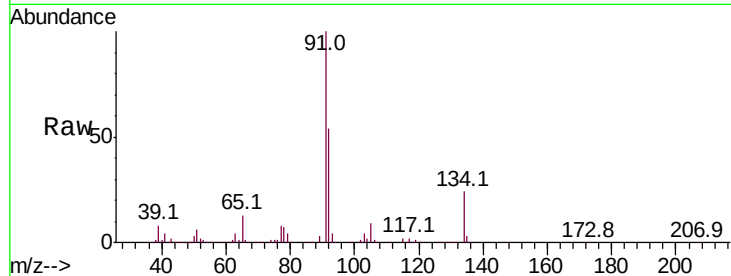




#89
n-Butylbenzene
Concen: 21.335 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

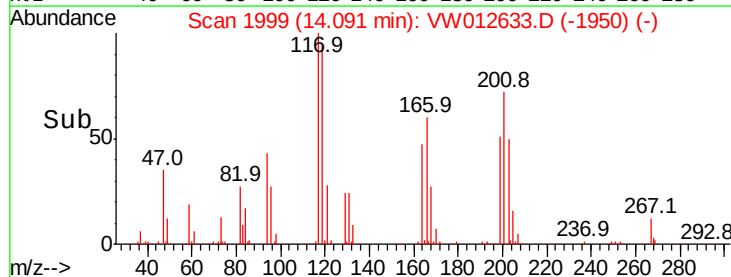
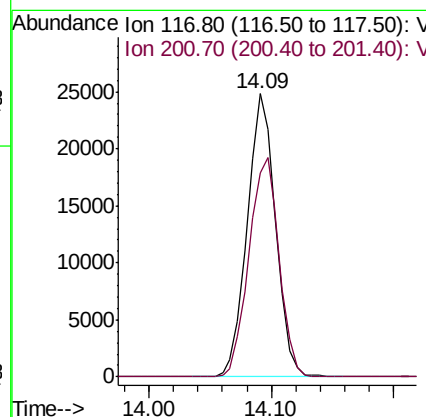
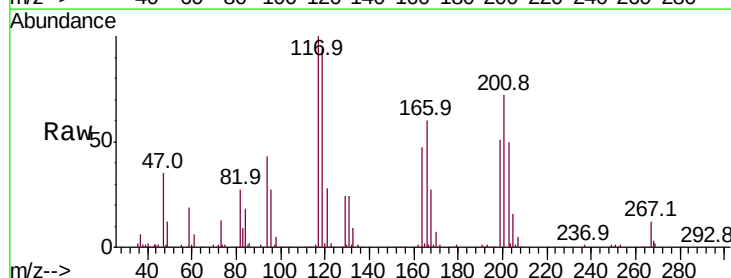
Instrument :
MSVOA_W
ClientSampled :

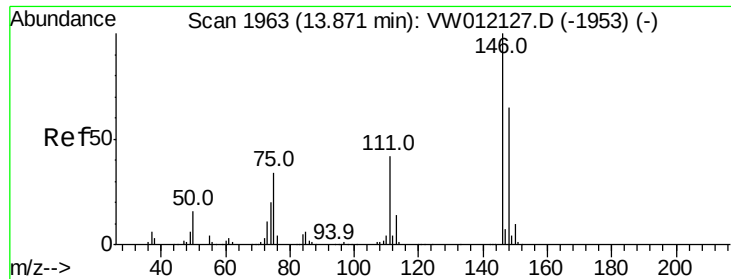
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.1	81.2
134	24.8	12.2	36.4



#90
Hexachloroethane
Concen: 21.419 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	38.6	115.7

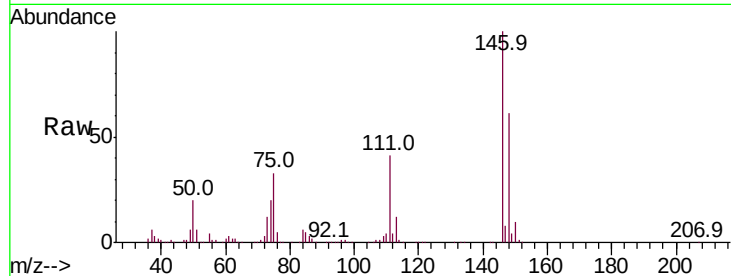




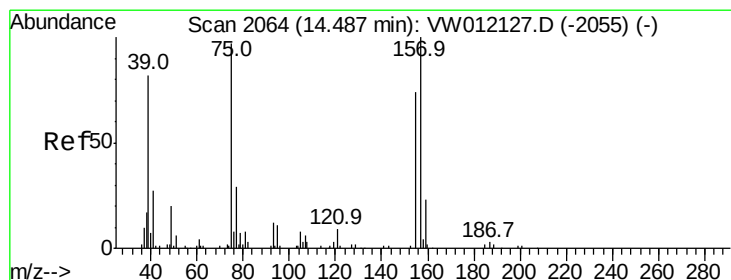
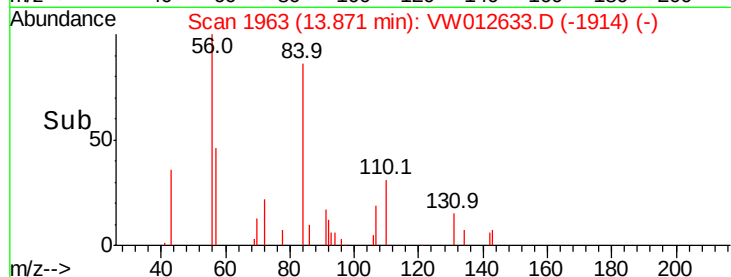
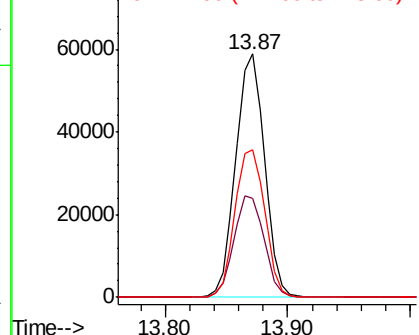
#91
 1,2-Dichlorobenzene
 Concen: 22.007 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 95957
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 63.0 32.5 97.4

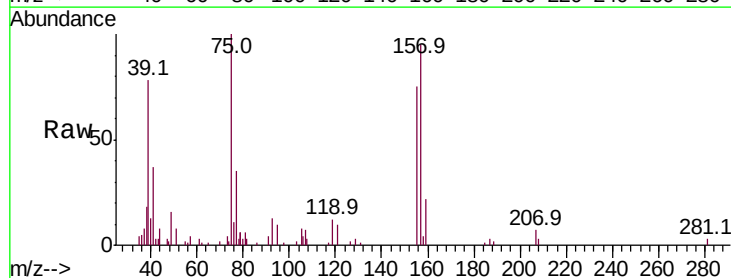


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

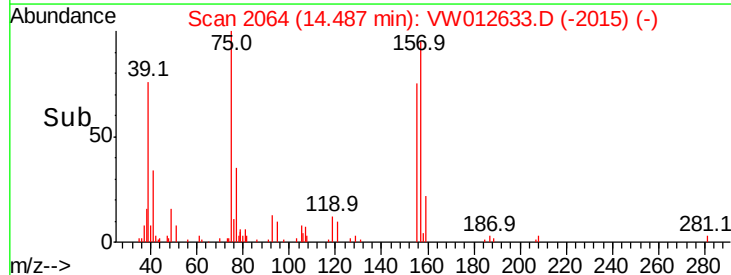
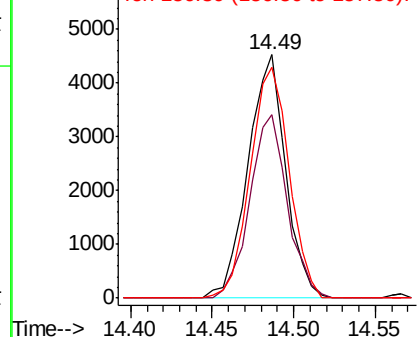


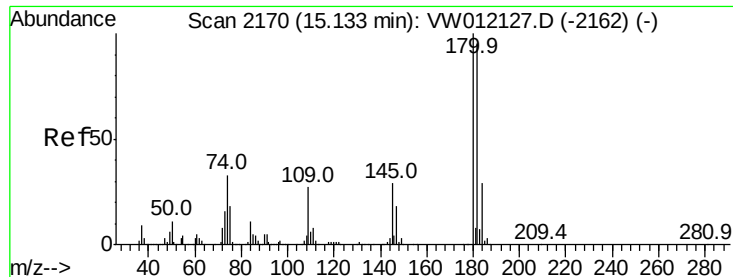
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.026 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion: 75 Resp: 7270
 Ion Ratio Lower Upper
 75 100
 155 75.4 37.5 112.3
 157 98.1 50.5 151.5



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

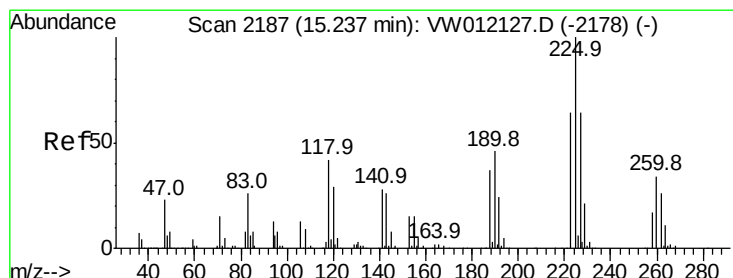
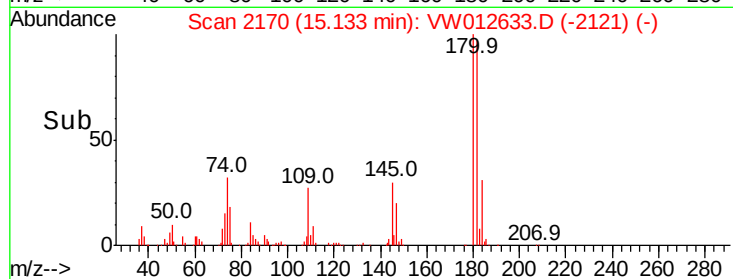
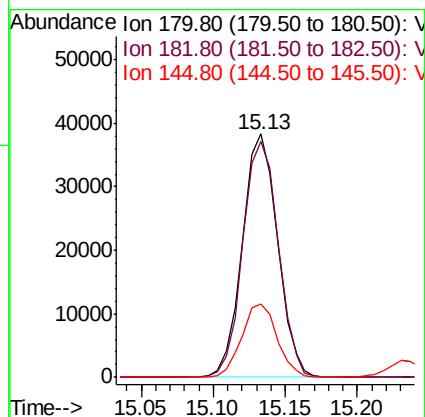
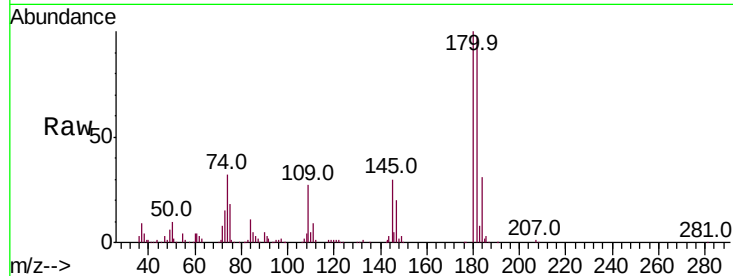




#93
 1,2,4-Trichlorobenzene
 Concen: 21.588 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

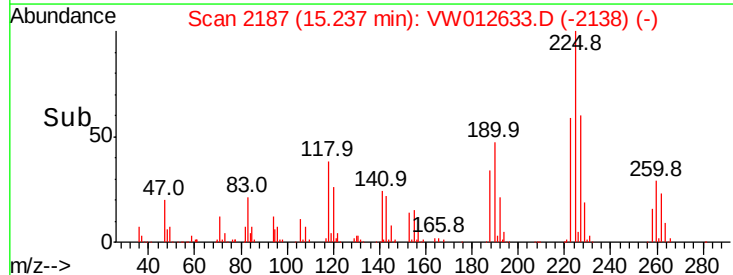
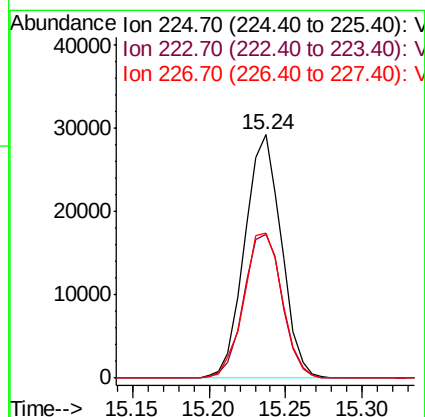
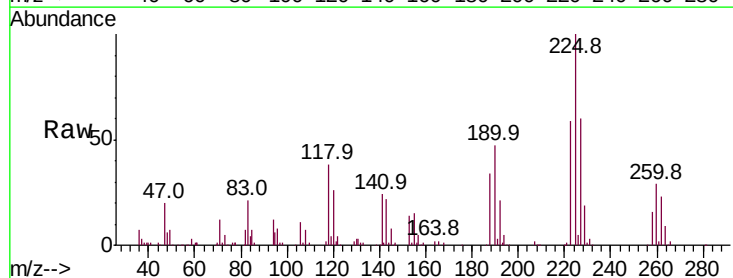
Instrument :
 MSVOA_W
 ClientSampled :

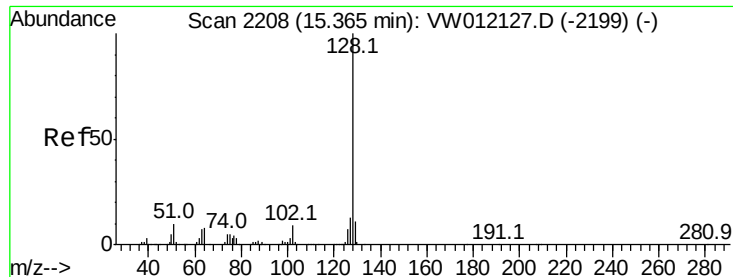
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.8	143.4
145	30.4	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 24.371 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012633.D
 Acq: 05 Sep 2019 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.3	96.8
227	62.8	32.9	98.6

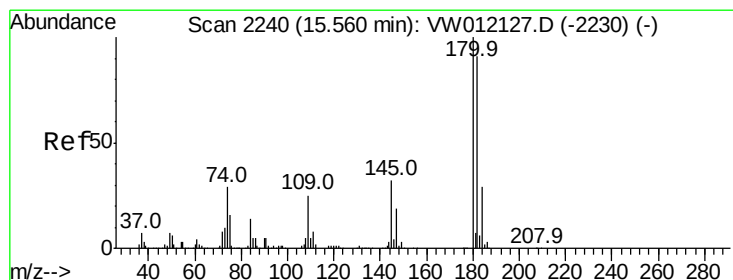
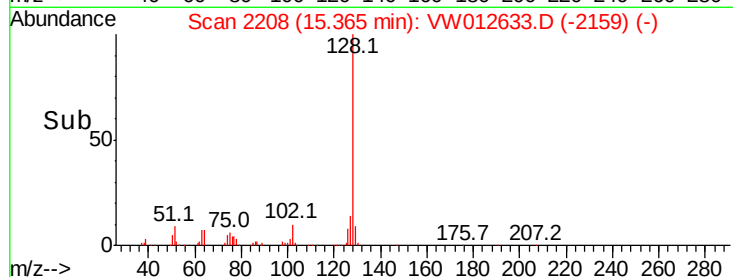
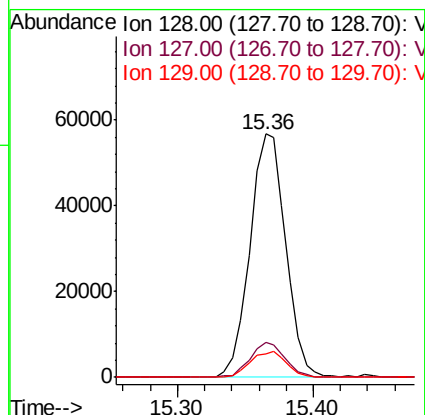
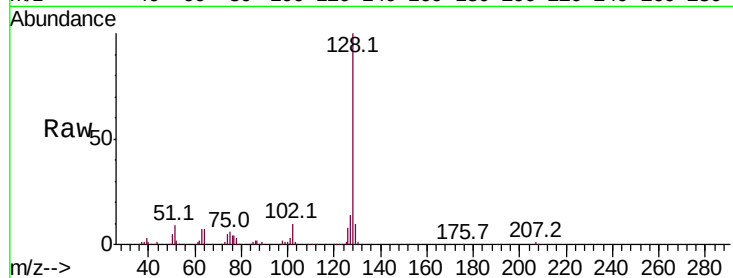




#95
Naphthalene
Concen: 20.445 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 104359
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.585 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012633.D
Acq: 05 Sep 2019 11:49

Tgt Ion:180 Resp: 56745
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 31.0 16.2 48.5

