

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011839.D
 Acq On : 12 Aug 2019 09:19
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:43:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153551	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	125587	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	102026	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
50) Toluene-d8	10.32	98	418091	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	144930	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	63014	48.170	ug/l	95
3) Chloromethane	2.20	50	94813	41.798	ug/l	98
4) Vinyl Chloride	2.35	62	131219	48.049	ug/l	98
5) Bromomethane	2.78	94	70299	46.506	ug/l	99
6) Chloroethane	2.92	64	73747	47.275	ug/l	100
7) Trichlorofluoromethane	3.25	101	74318	60.892	ug/l	97
8) Diethyl Ether	3.68	74	62428	45.113	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118826	51.323	ug/l	99
10) Methyl Iodide	4.26	142	161141	49.251	ug/l	98
11) Tert butyl alcohol	5.30	59	20593	92.279	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	120161	49.155	ug/l	97
13) Acrolein	3.91	56	39260	203.005	ug/l	98
14) Allyl chloride	4.67	41	261075	50.214	ug/l	99
15) Acrylonitrile	5.38	53	152672	221.013	ug/l	99
16) Acetone	4.18	43	226474	264.153	ug/l	99
17) Carbon Disulfide	4.37	76	368083	48.109	ug/l	100
18) Methyl Acetate	4.69	43	80230	41.655	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	182225	46.975	ug/l	96
20) Methylene Chloride	4.91	84	128170	43.347	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	128345	48.699	ug/l	99
22) Diisopropyl ether	6.31	45	465555	47.493	ug/l	95
23) Vinyl Acetate	6.26	43	1439152	233.647	ug/l	99
24) 1,1-Dichloroethane	6.21	63	257170	48.985	ug/l	99
25) 2-Butanone	7.19	43	256478	228.614	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150338	46.564	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135964	46.875	ug/l	100
28) Bromochloromethane	7.51	49	110107	47.251	ug/l	100
29) Tetrahydrofuran	7.54	42	136380	212.669	ug/l	98
30) Chloroform	7.67	83	232167	47.934	ug/l	98
31) Cyclohexane	7.95	56	236465	46.922	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	188372	51.069	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198770	51.869	ug/l	99
37) Ethyl Acetate	7.26	43	99250	45.017	ug/l	99
38) Carbon Tetrachloride	8.07	117	175142	53.387	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	212856	50.444	ug/l	98
40) Benzene	8.32	78	534657	49.809	ug/l	100
41) Methacrylonitrile	7.49	41	58939	44.721	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163724	48.717	ug/l	99
43) Isopropyl Acetate	8.43	43	185412	45.728	ug/l	100
44) Trichloroethene	9.09	130	130084	50.422	ug/l	97
45) 1,2-Dichloropropane	9.37	63	141419	49.239	ug/l	98
46) Dibromomethane	9.46	93	63919	48.761	ug/l	97
47) Bromodichloromethane	9.64	83	172758	50.241	ug/l	100
48) Methyl methacrylate	9.44	41	87762	45.059	ug/l	98
49) 1,4-Dioxane	9.52	88	8225	433.337	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	478618	226.936	ug/l	100
52) Toluene	10.38	92	323178	49.856	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174930	48.700	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	210266	49.233	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88701	47.690	ug/l	100
56) Ethyl methacrylate	10.65	69	128868	47.349	ug/l	98
57) 1,3-Dichloropropane	10.93	76	168068	47.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	351108	284.126	ug/l	100
59) 2-Hexanone	10.97	43	395162	265.366	ug/l	99
60) Dibromochloromethane	11.13	129	101486	49.156	ug/l	99
61) 1,2-Dibromoethane	11.23	107	82784	47.033	ug/l	99
64) Tetrachloroethene	10.86	164	104138	50.502	ug/l	100
65) Chlorobenzene	11.66	112	316039	49.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	112801	50.861	ug/l	100
67) Ethyl Benzene	11.73	91	622869	51.364	ug/l	100
68) m/p-Xylenes	11.84	106	450796	102.220	ug/l	100
69) o-Xylene	12.16	106	207015	50.515	ug/l	98
70) Styrene	12.18	104	360807	50.921	ug/l	100
71) Bromoform	12.35	173	56359	49.841	ug/l #	96
73) Isopropylbenzene	12.46	105	584746	51.046	ug/l	99
74) N-amyl acetate	12.27	43	169285	47.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102433	47.539	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	139359	85.773	ug/l #	100
77) Bromobenzene	12.75	156	125920	49.732	ug/l	100
78) n-propylbenzene	12.80	91	715848	51.348	ug/l	99
79) 2-Chlorotoluene	12.89	91	401792	50.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	489995	51.028	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34812	49.380	ug/l	98
82) 4-Chlorotoluene	12.99	91	415759	49.338	ug/l	99
83) tert-Butylbenzene	13.21	119	409677	51.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	485085	50.148	ug/l	100
85) sec-Butylbenzene	13.38	105	578951	50.529	ug/l	100
86) p-Isopropyltoluene	13.50	119	521399	50.155	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	245085	49.366	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	242442	49.091	ug/l	99
89) n-Butylbenzene	13.82	91	518762	50.004	ug/l	100
90) Hexachloroethane	14.09	117	94685	51.508	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	212170	48.320	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17335	47.178	ug/l	98

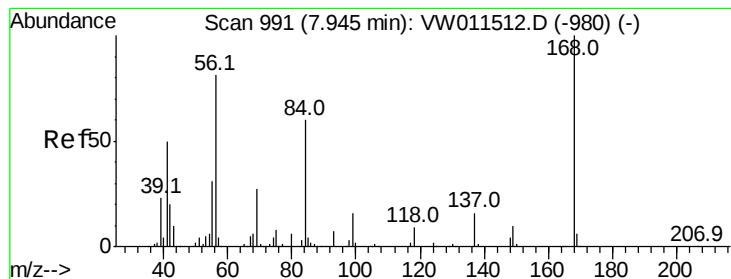
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148830	48.093	ug/l	100
94) Hexachlorobutadiene	15.24	225	95258	49.360	ug/l	98
95) Naphthalene	15.36	128	269539	44.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130001	47.924	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

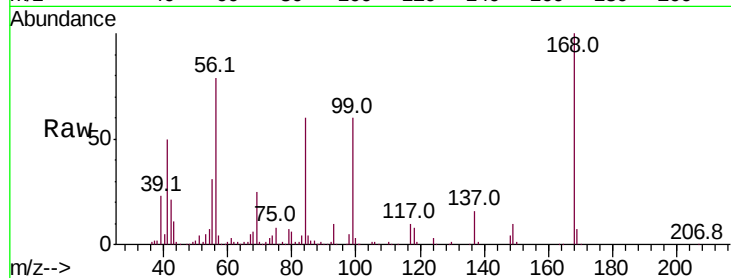
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 234723

Ion Ratio Lower Upper

168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

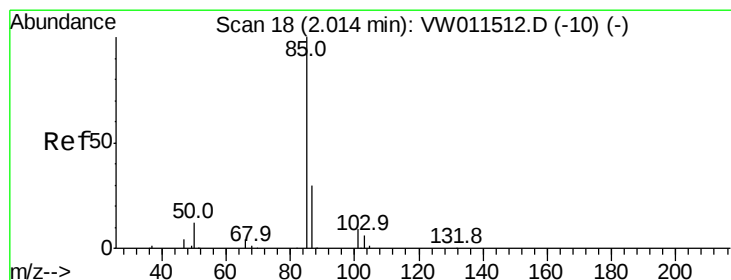
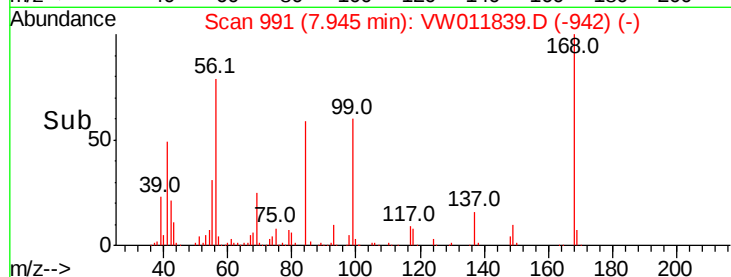
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.170 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011839.D

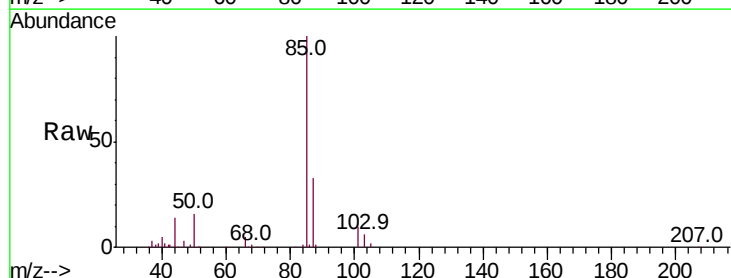
Acq: 12 Aug 2019 09:19

Tgt Ion: 85 Resp: 63014

Ion Ratio Lower Upper

85 100

87 33.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

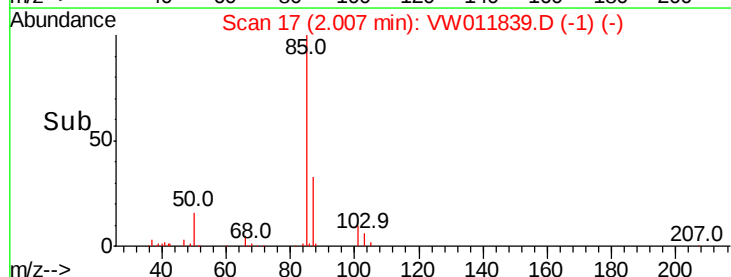
15000

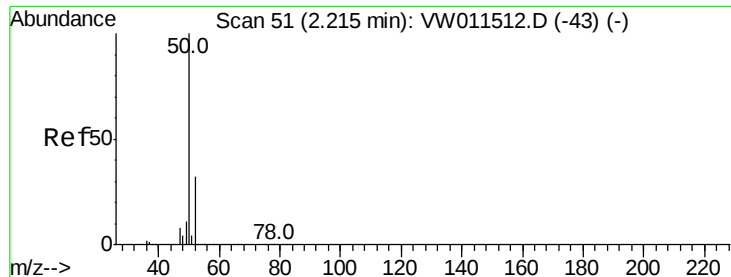
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 41.798 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

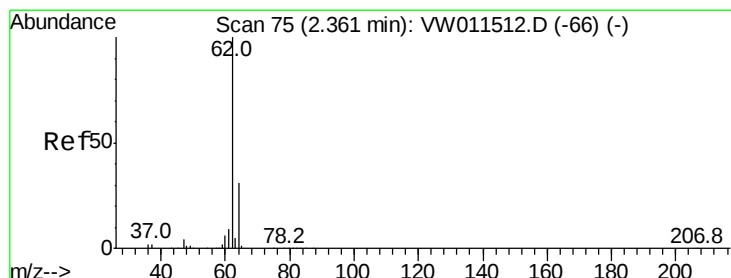
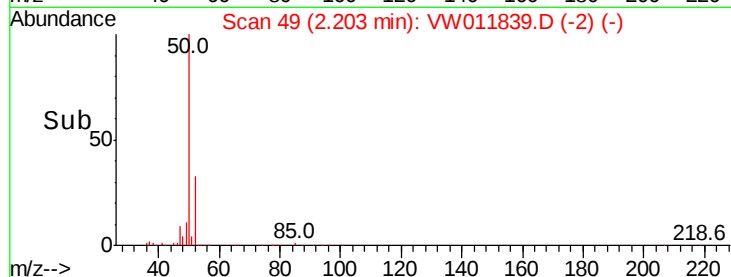
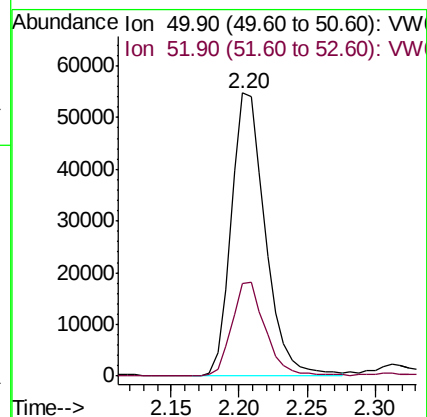
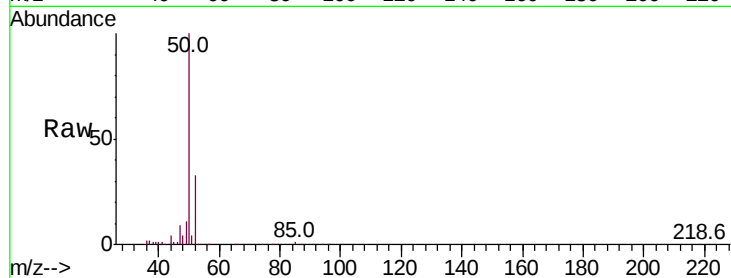
ClientSampleId :

Tot Ion: 50 Resp: 94813

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 48.049 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011839.D

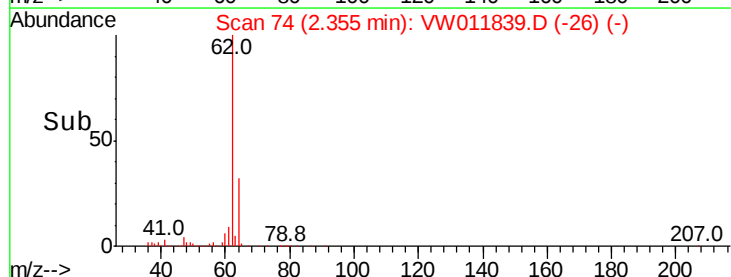
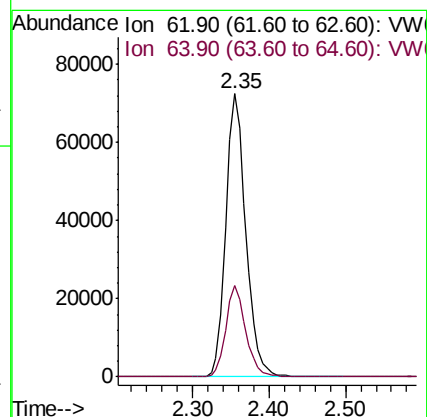
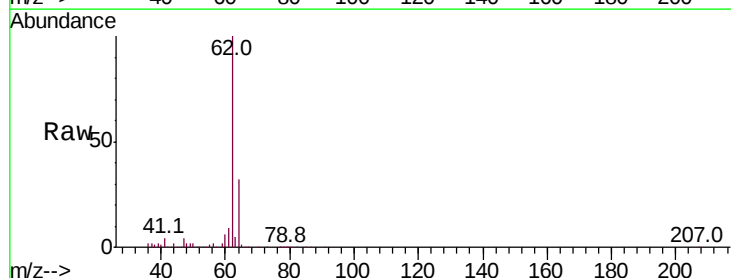
Acq: 12 Aug 2019 09:19

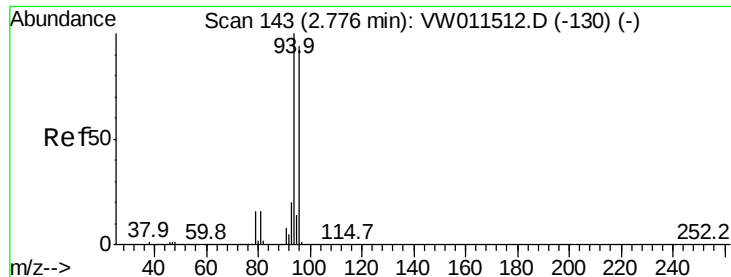
Tgt Ion: 62 Resp: 131219

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 46.506 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

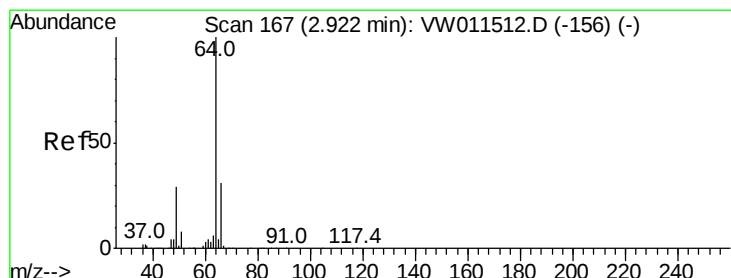
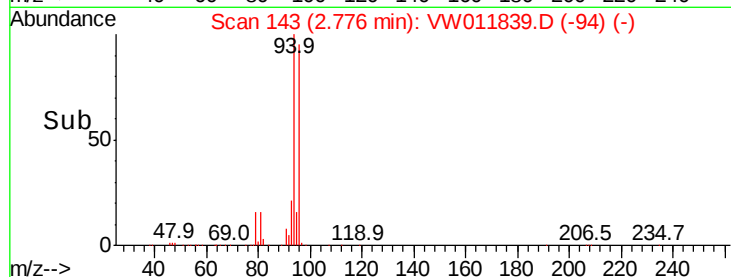
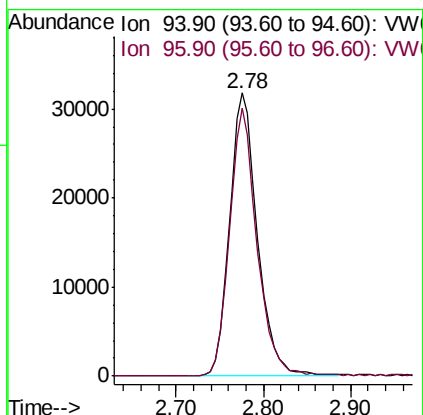
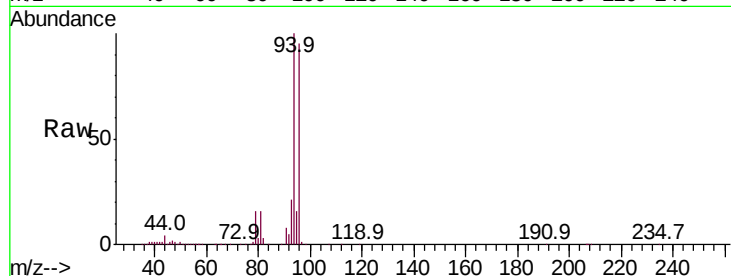
ClientSampleId :

Tot Ion: 94 Resp: 70299

Ion Ratio Lower Upper

94 100

96 94.7 75.0 112.6



#6

Chloroethane

Concen: 47.275 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011839.D

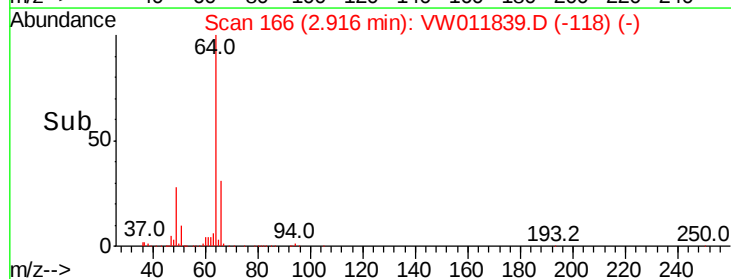
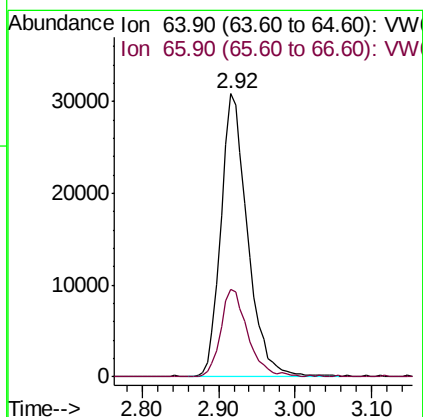
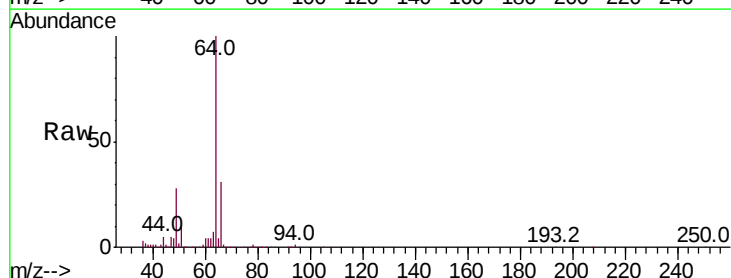
Acq: 12 Aug 2019 09:19

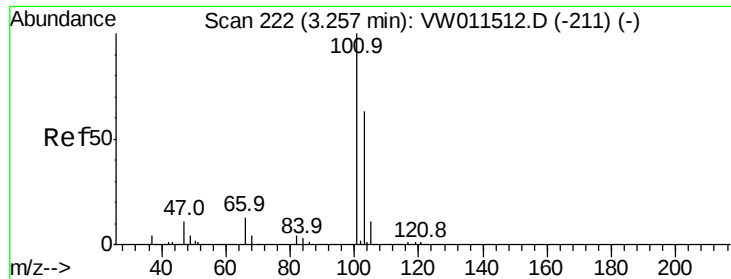
Tgt Ion: 64 Resp: 73747

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8



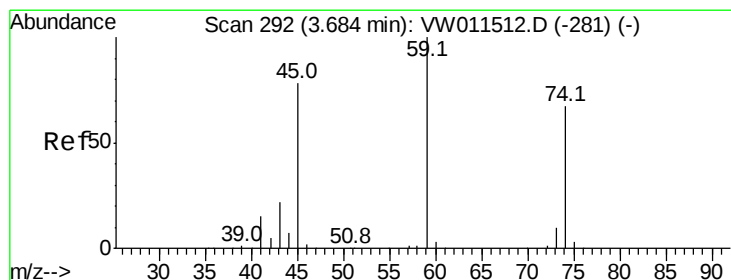
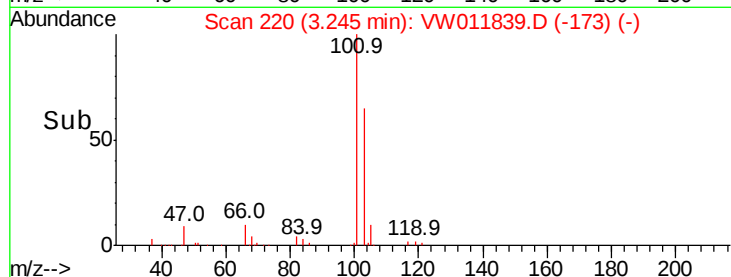
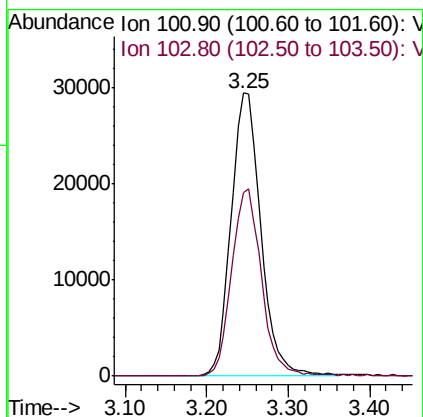
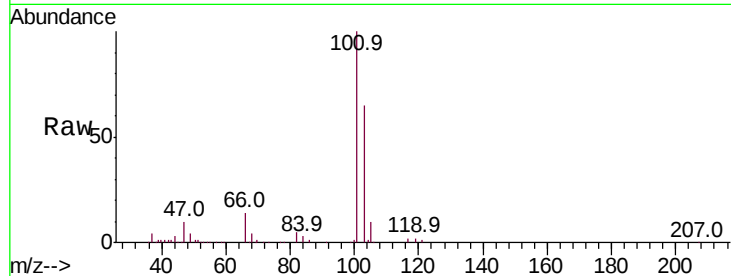


#7

Trichlorofluoromethane
Concen: 60.892 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampleId :

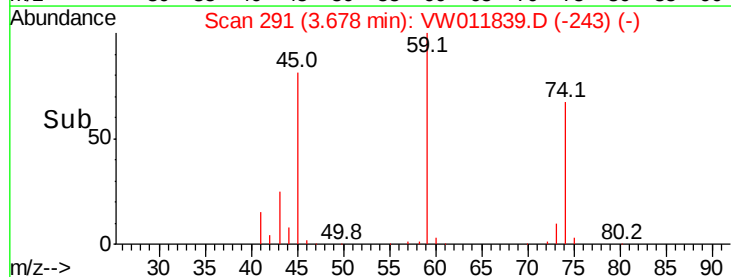
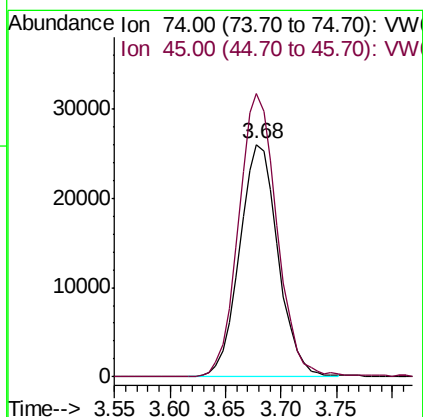
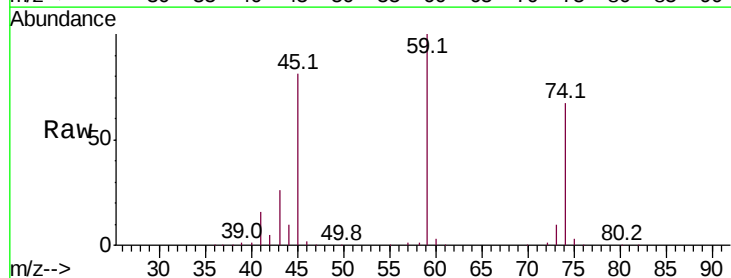
Tot Ion:101 Resp: 74318
Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.4

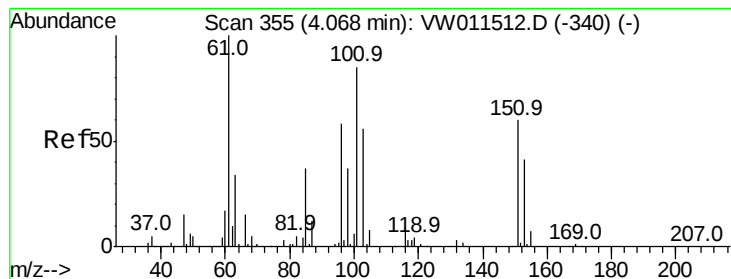


#8

Diethyl Ether
Concen: 45.113 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 74 Resp: 62428
Ion Ratio Lower Upper
74 100
45 122.1 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.323 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

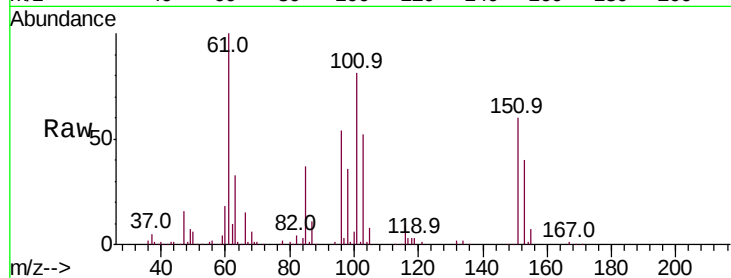
Tot Ion:101 Resp: 118826

Ion Ratio Lower Upper

101 100

85 45.0 36.6 54.8

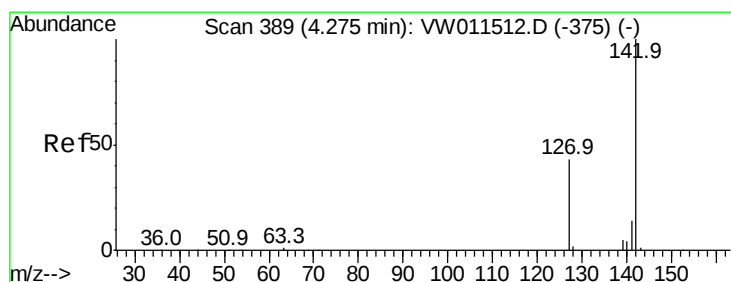
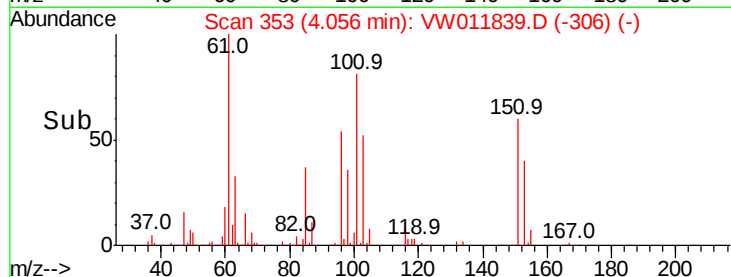
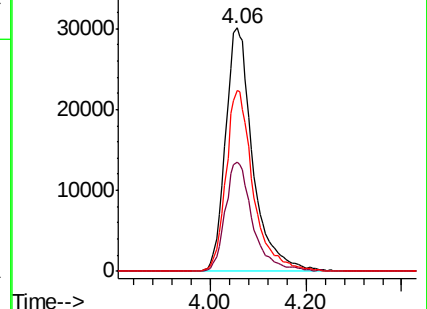
151 74.1 60.2 90.2



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: 49.251 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

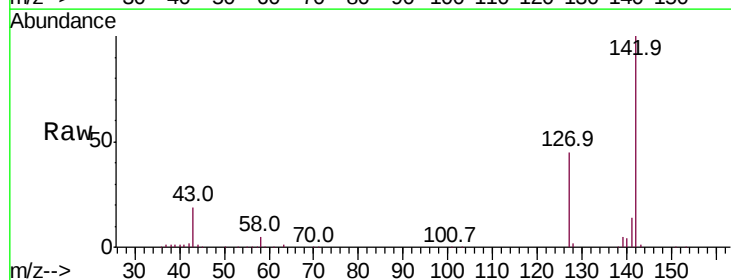
Tgt Ion:142 Resp: 161141

Ion Ratio Lower Upper

142 100

127 45.1 35.0 52.6

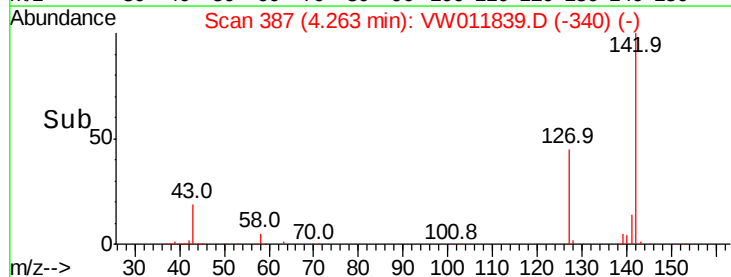
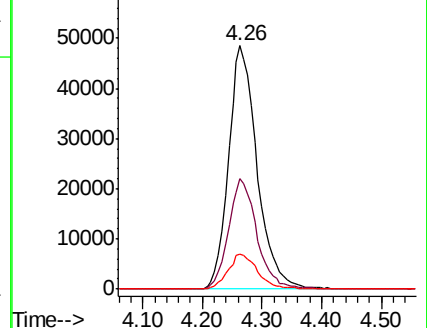
141 14.8 11.9 17.9

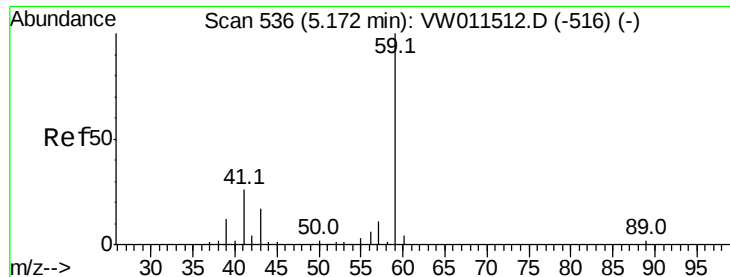


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

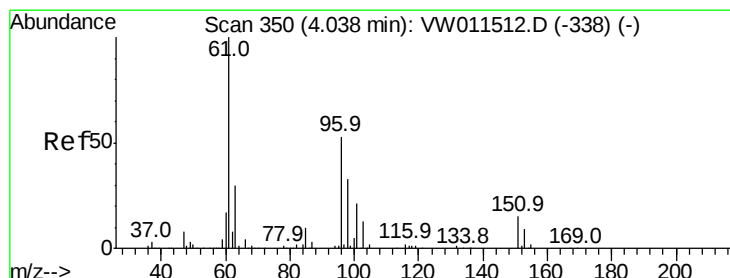
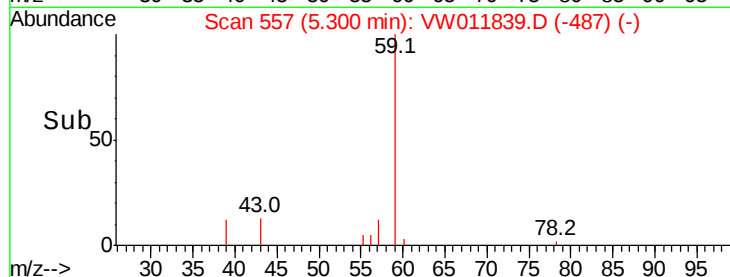
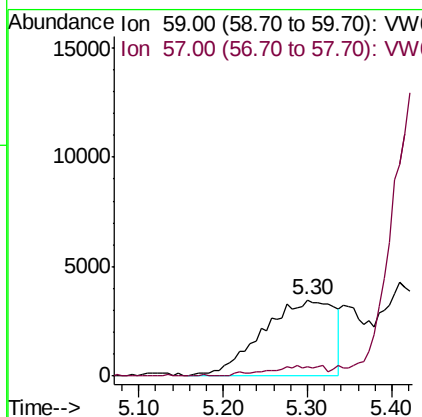
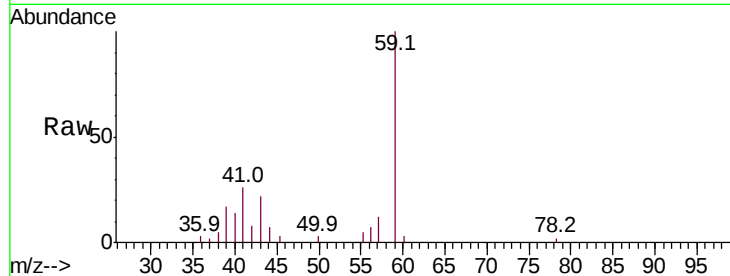




#11
Tert butyl alcohol
Concen: 92.279 ug/l
RT: 5.30 min Scan# 557
Delta R.T. 0.13 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

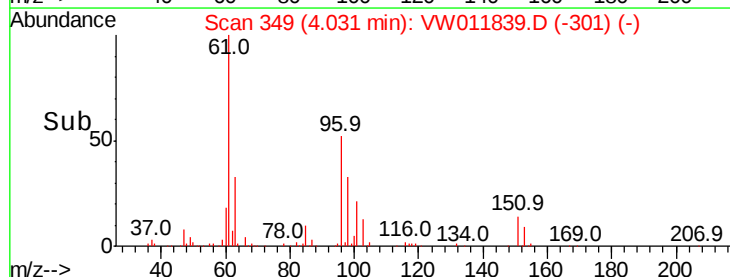
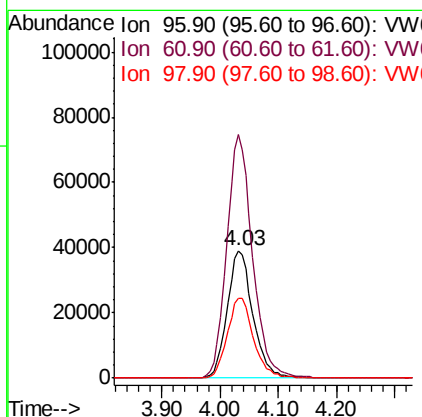
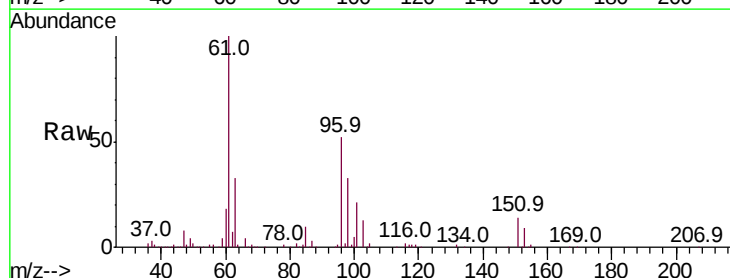
Instrument :
MSVOA_W
ClientSampled :

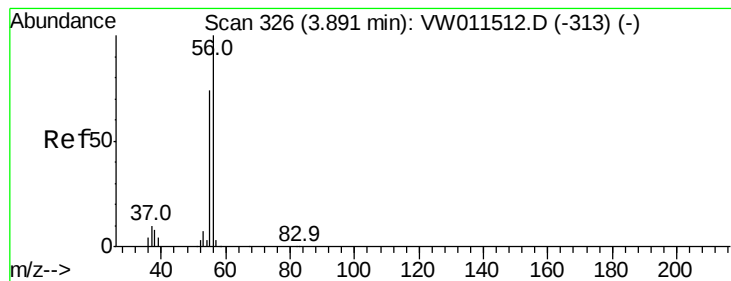
Tot Ion: 59 Resp: 20593
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 49.155 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 96 Resp: 120161
Ion Ratio Lower Upper
96 100
61 191.4 149.9 224.9
98 62.8 49.1 73.7





#13

Acrolein

Concen: 203.005 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

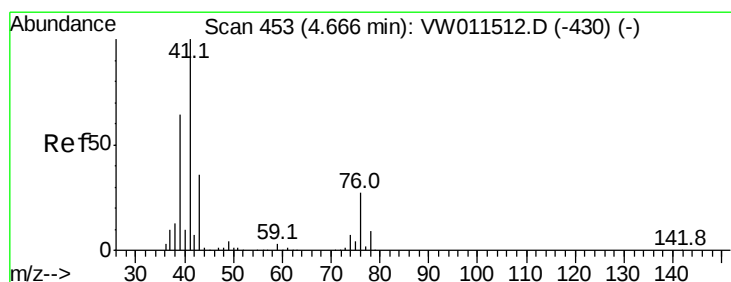
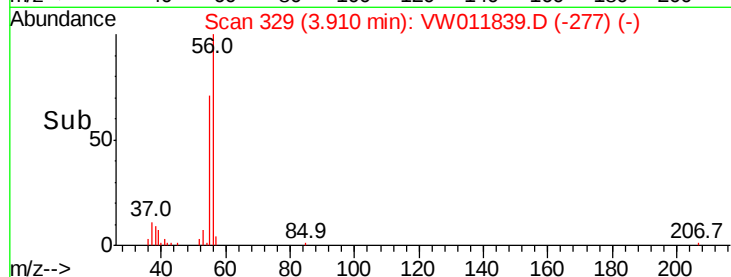
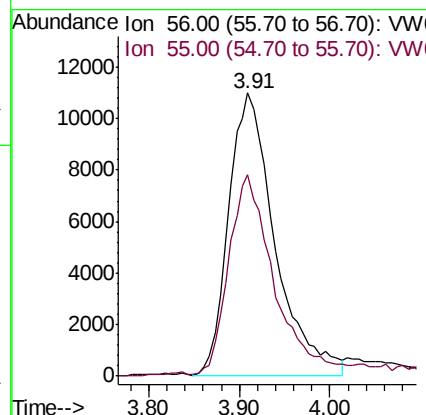
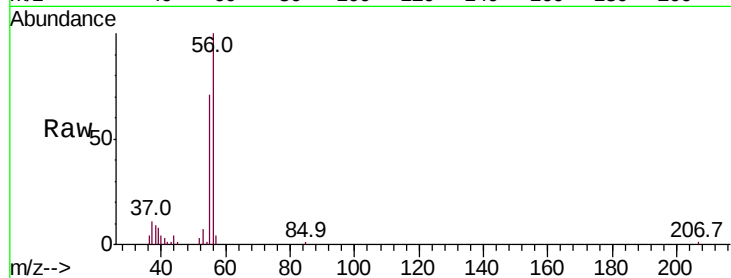
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 39260

Ion Ratio Lower Upper

56 100

55 68.3 56.0 84.0



#14

Allyl chloride

Concen: 50.214 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

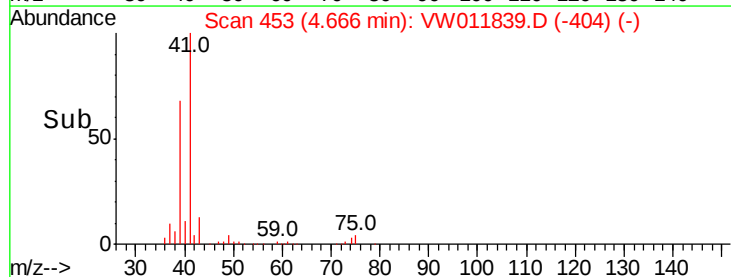
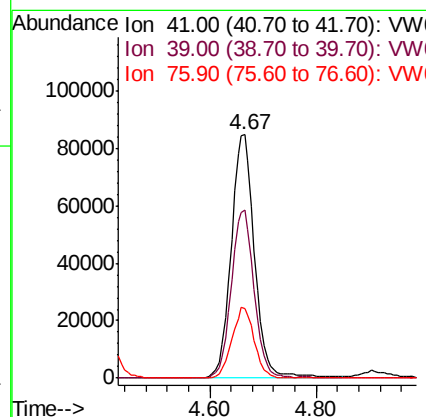
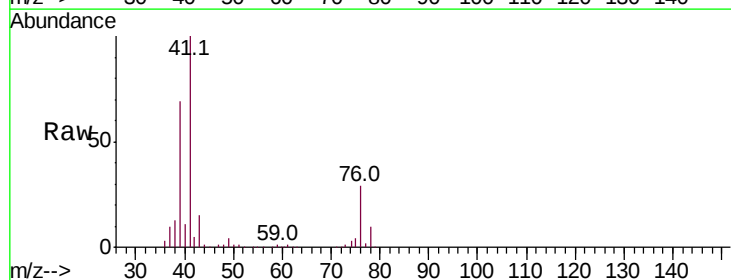
Tgt Ion: 41 Resp: 261075

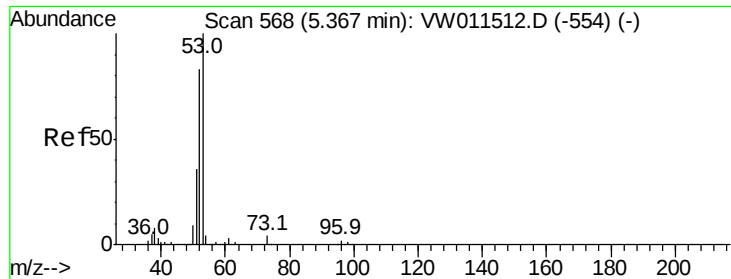
Ion Ratio Lower Upper

41 100

39 66.9 52.6 78.8

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 221.013 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.02 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

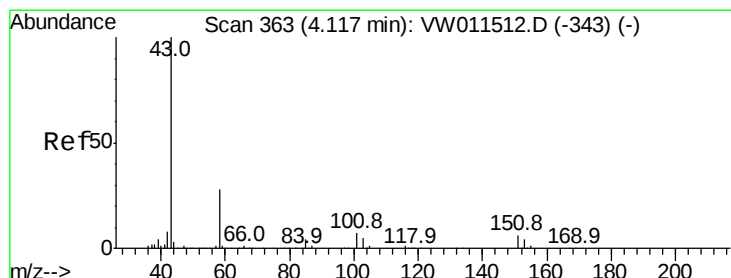
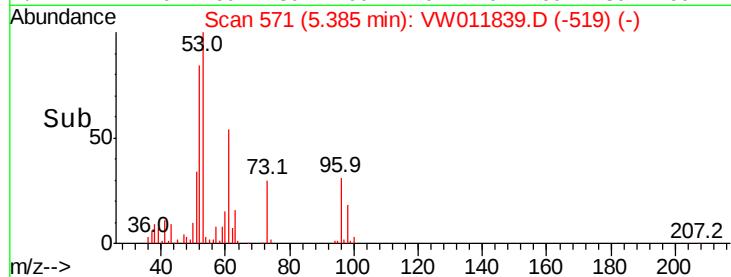
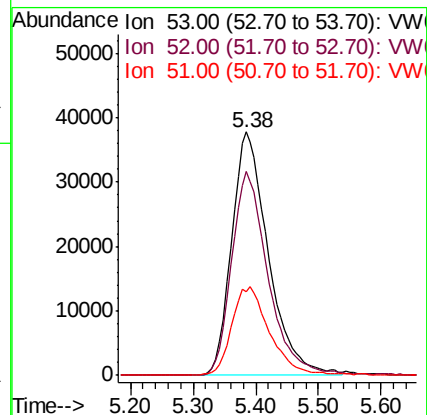
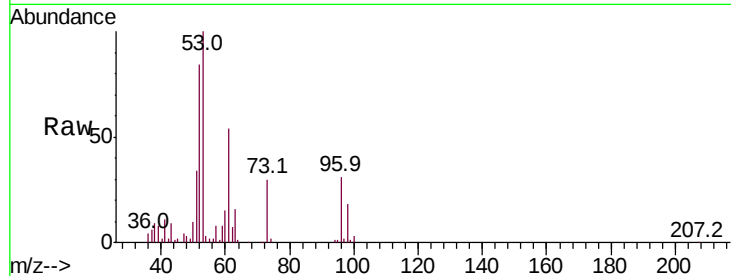
Tot Ion: 53 Resp: 152672

Ion Ratio Lower Upper

53 100

52 83.0 67.2 100.8

51 37.7 30.0 45.0



#16

Acetone

Concen: 264.153 ug/l

RT: 4.18 min Scan# 373

Delta R.T. 0.06 min

Lab File: VW011839.D

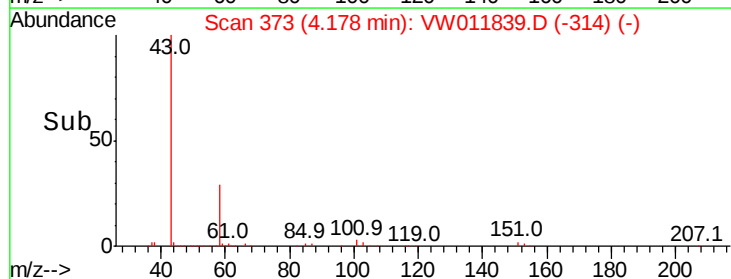
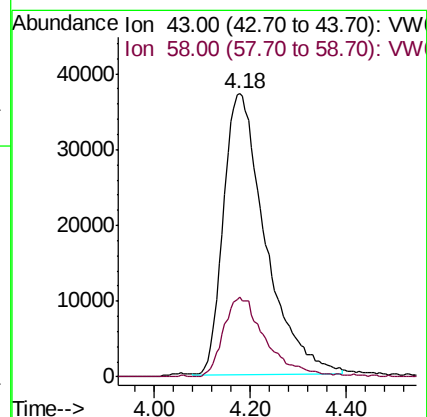
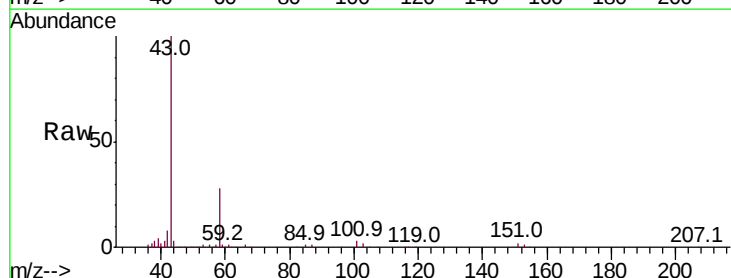
Acq: 12 Aug 2019 09:19

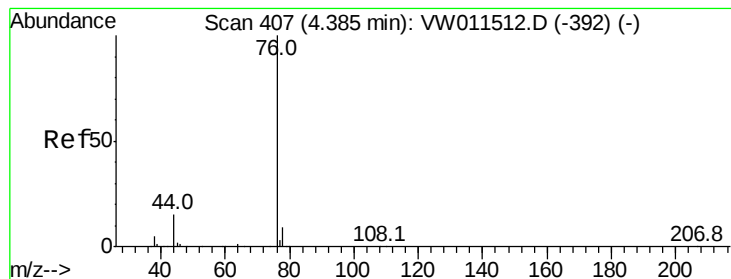
Tgt Ion: 43 Resp: 226474

Ion Ratio Lower Upper

43 100

58 28.3 22.3 33.5





#17

Carbon Disulfide

Concen: 48.109 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

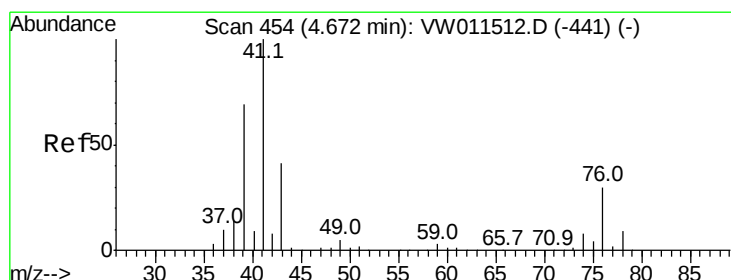
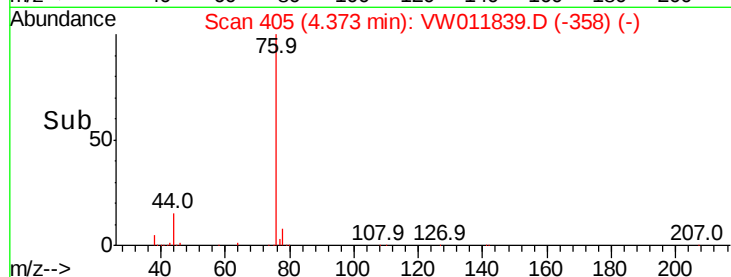
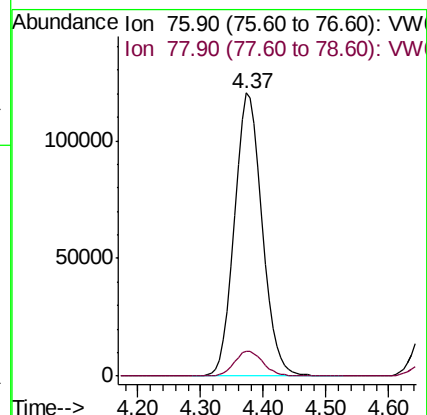
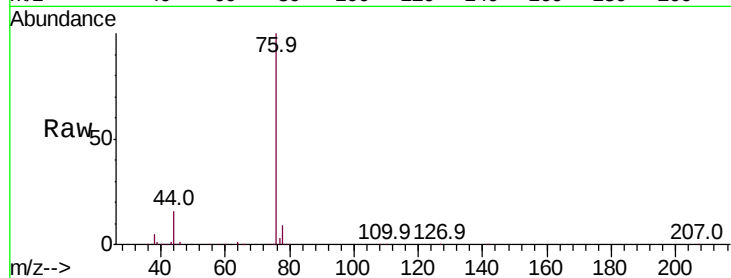
ClientSampled :

Tot Ion: 76 Resp: 368083

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 41.655 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.02 min

Lab File: VW011839.D

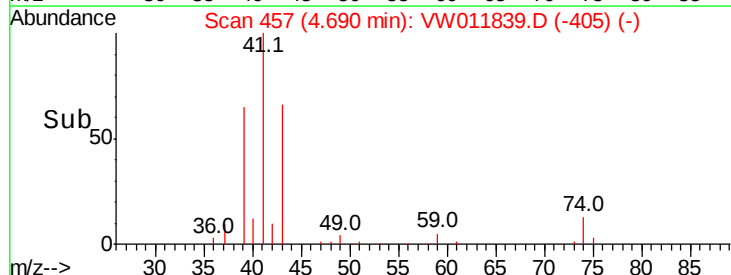
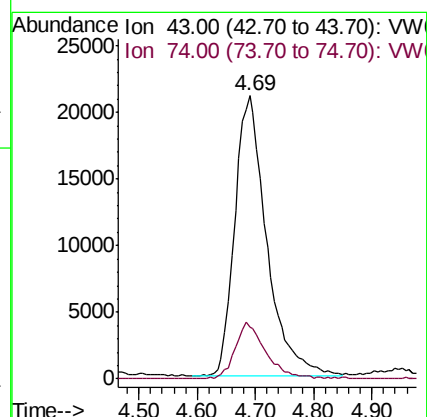
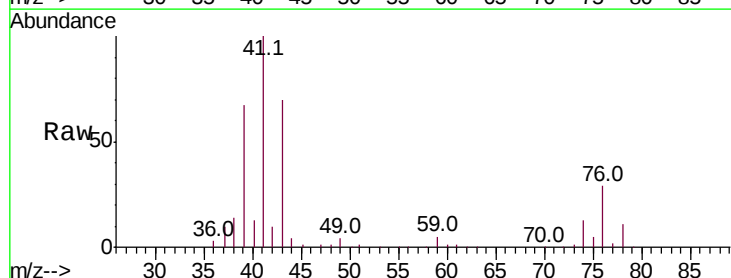
Acq: 12 Aug 2019 09:19

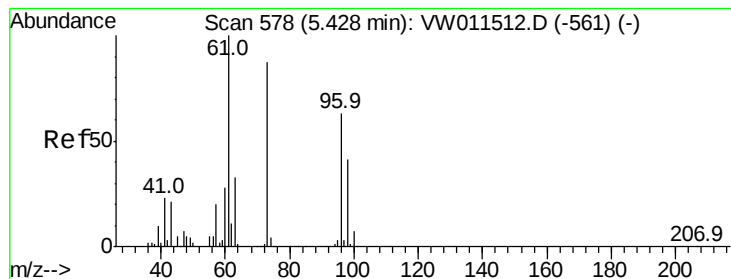
Tgt Ion: 43 Resp: 80230

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9



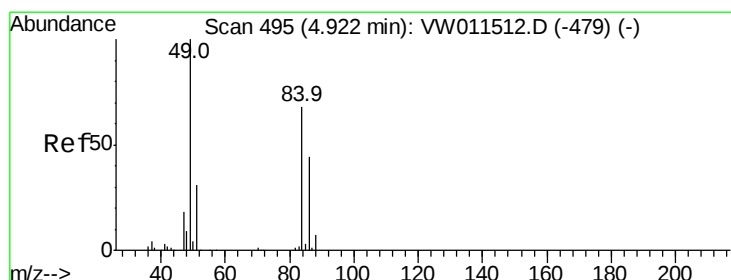
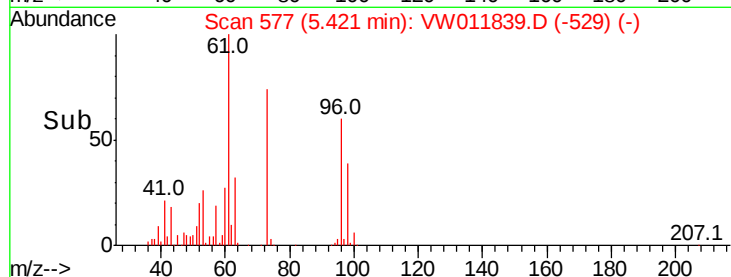
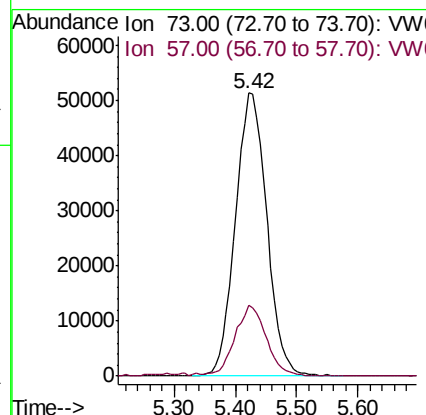
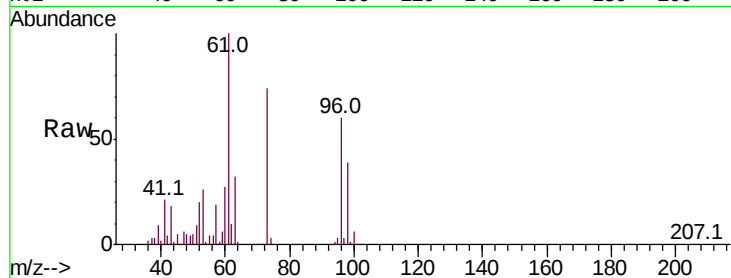


#19

Methyl tert-butyl Ether
 Concen: 46.975 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Instrument :
 MSVOA_W
 ClientSampled :

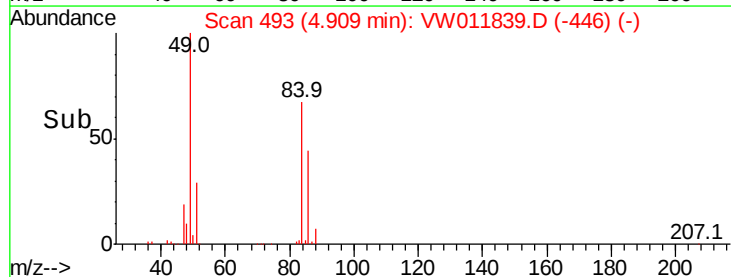
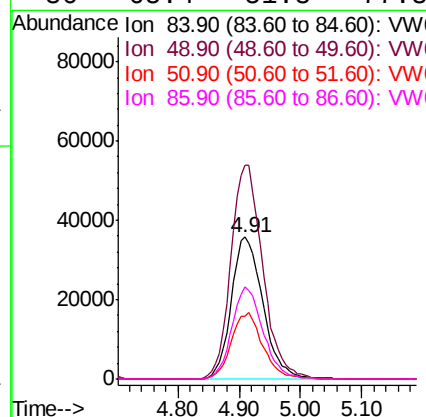
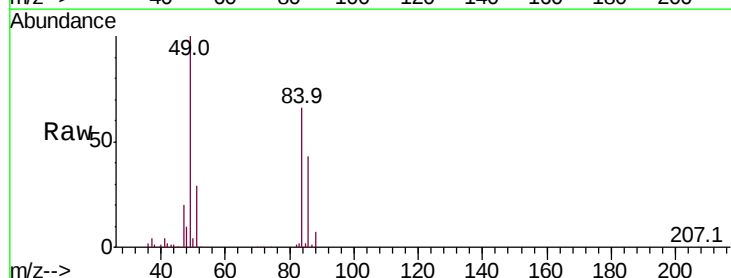
Tot Ion: 73 Resp: 182225
 Ion Ratio Lower Upper
 73 100
 57 25.2 18.4 27.6

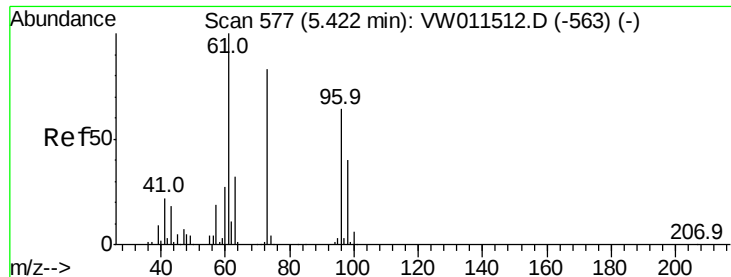


#20

Methylene Chloride
 Concen: 43.347 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion: 84 Resp: 128170
 Ion Ratio Lower Upper
 84 100
 49 150.7 117.8 176.6
 51 44.4 37.0 55.4
 86 65.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 48.699 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampled :

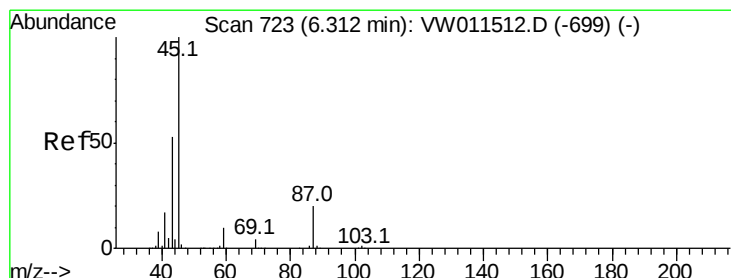
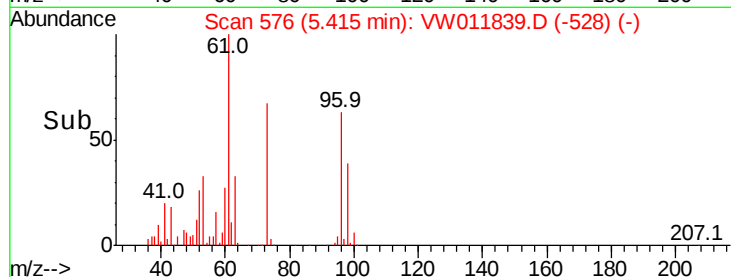
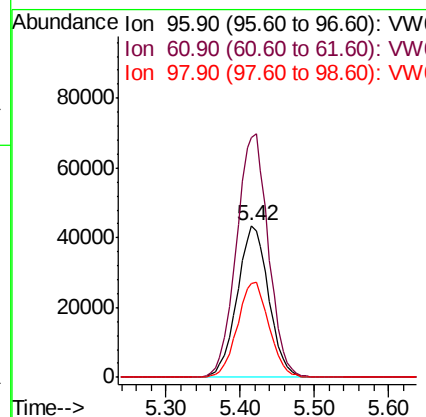
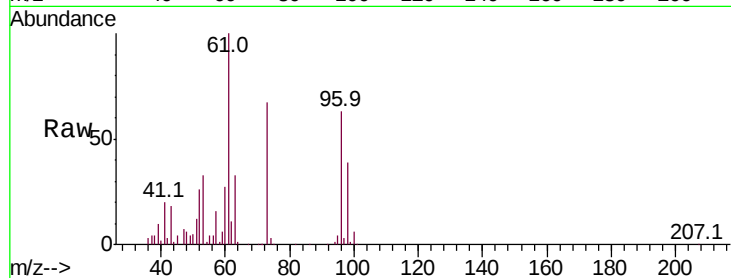
Tot Ion: 96 Resp: 128345

Ion Ratio Lower Upper

96 100

61 157.9 125.7 188.5

98 62.3 50.3 75.5



#22

Diisopropyl ether

Concen: 47.493 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Tgt Ion: 45 Resp: 465555

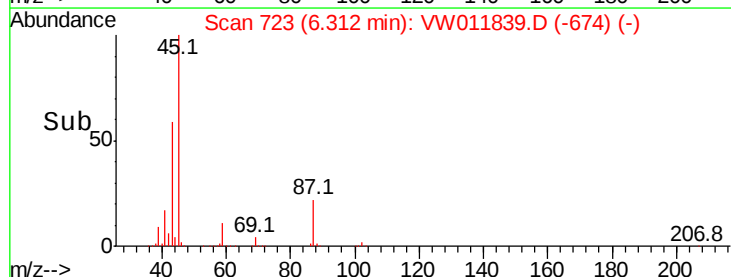
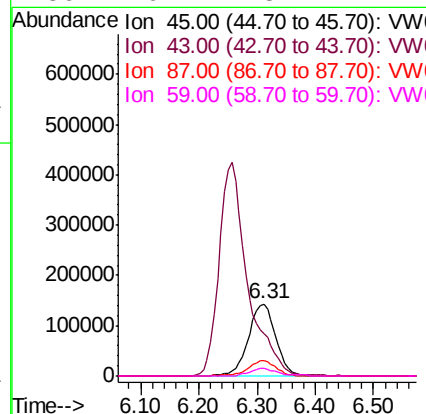
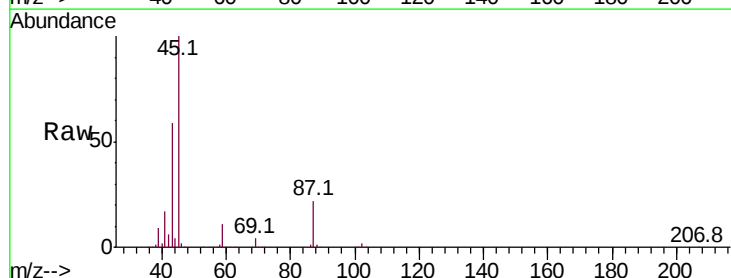
Ion Ratio Lower Upper

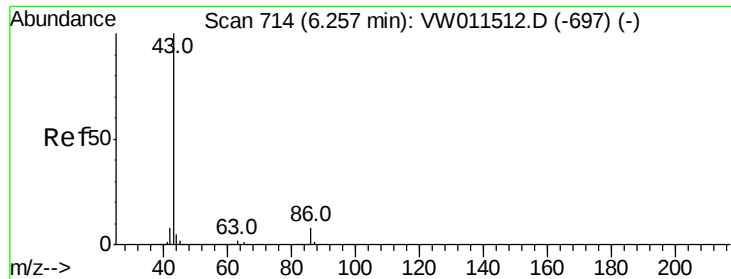
45 100

43 58.6 42.6 63.8

87 21.6 16.4 24.6

59 10.4 8.2 12.2





#23

Vinyl Acetate

Concen: 233.647 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

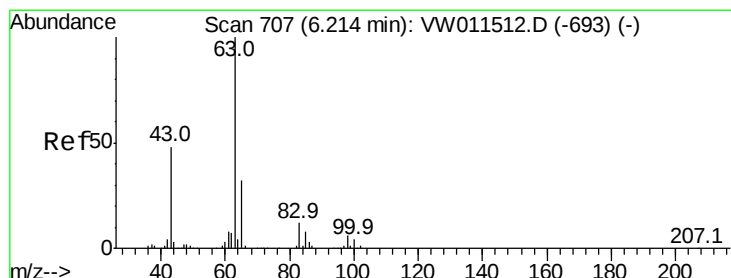
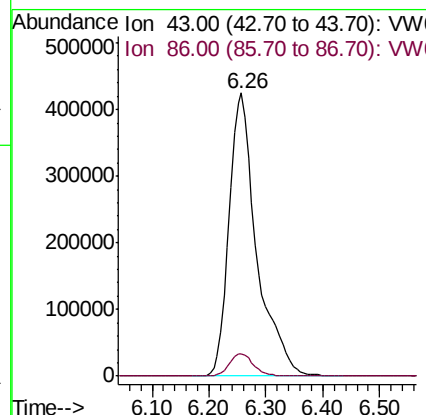
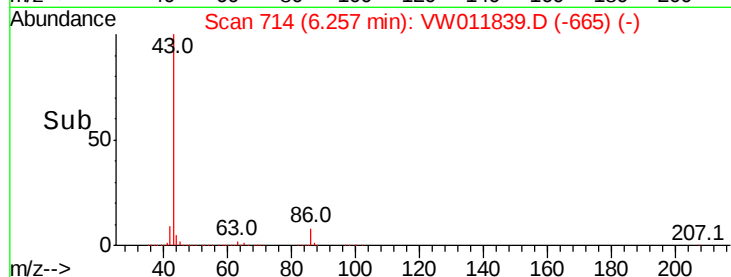
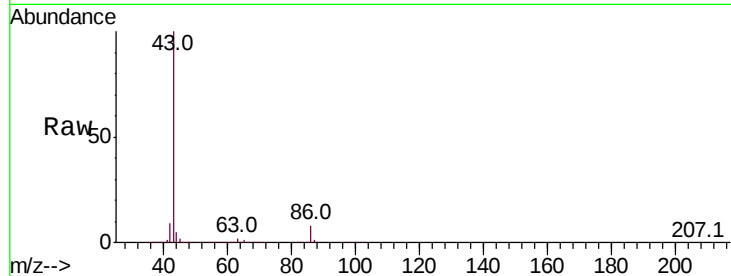
ClientSampleId :

Tot Ion: 43 Resp: 1439152

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



#24

1,1-Dichloroethane

Concen: 48.985 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

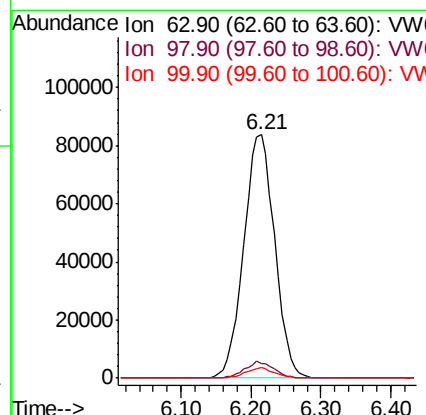
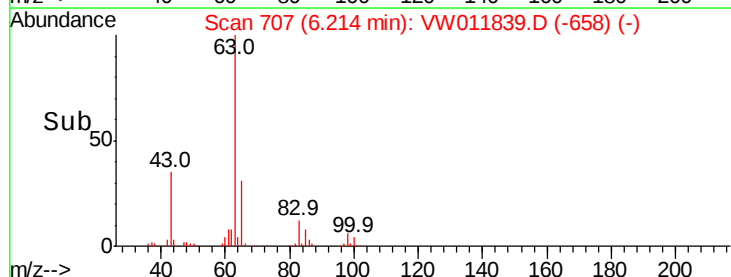
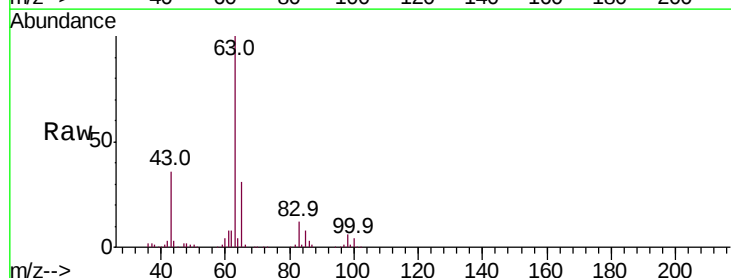
Tgt Ion: 63 Resp: 257170

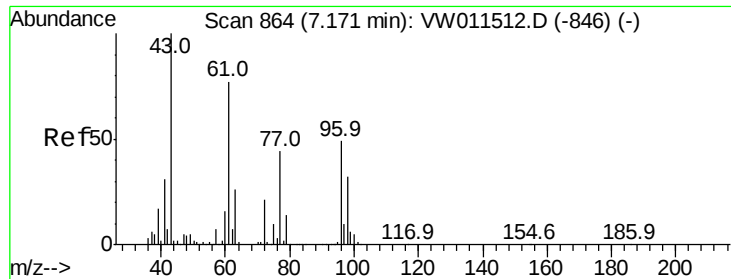
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 228.614 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

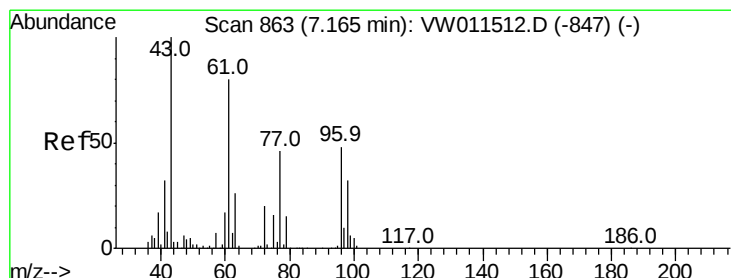
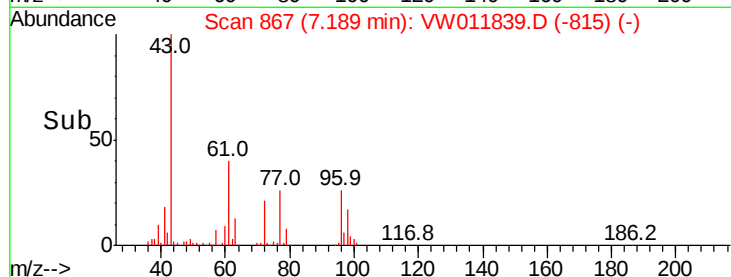
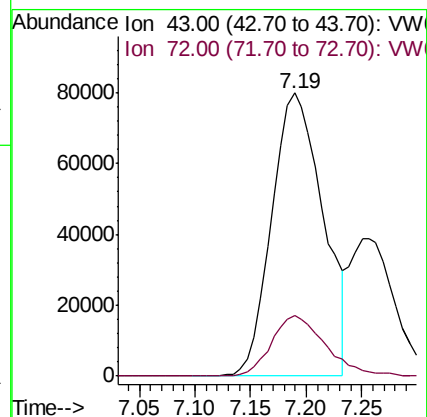
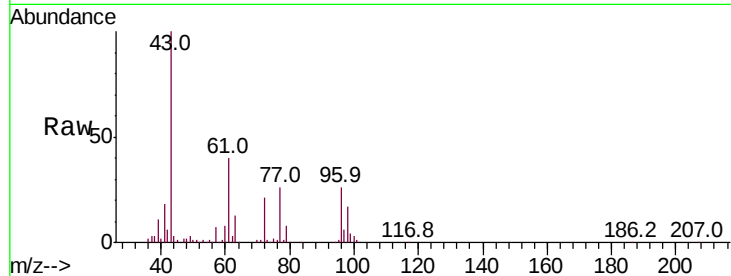
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 256478

Ion Ratio Lower Upper

43 100

72 21.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 46.564 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011839.D

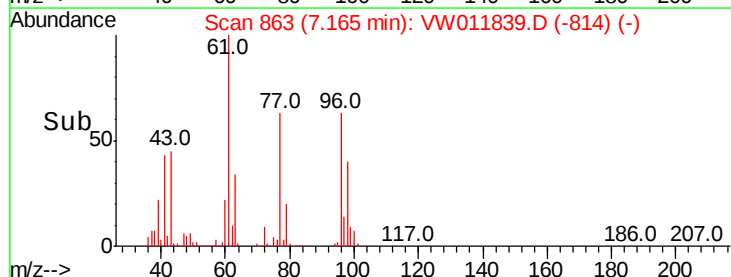
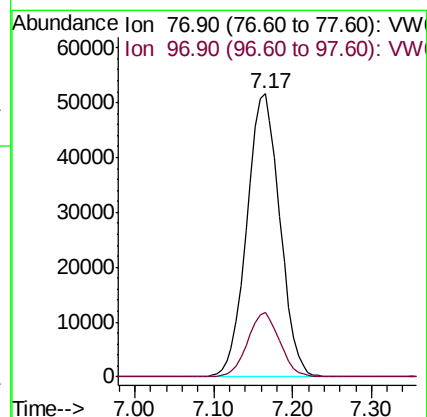
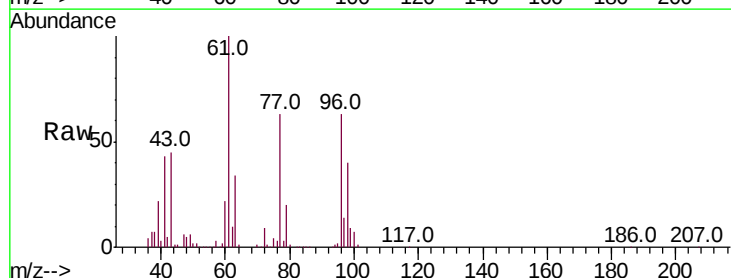
Acq: 12 Aug 2019 09:19

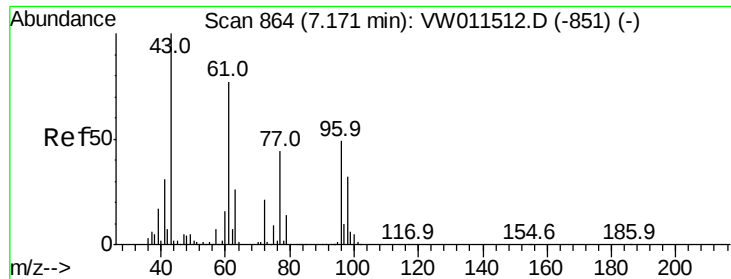
Tgt Ion: 77 Resp: 150338

Ion Ratio Lower Upper

77 100

97 22.1 10.8 32.4



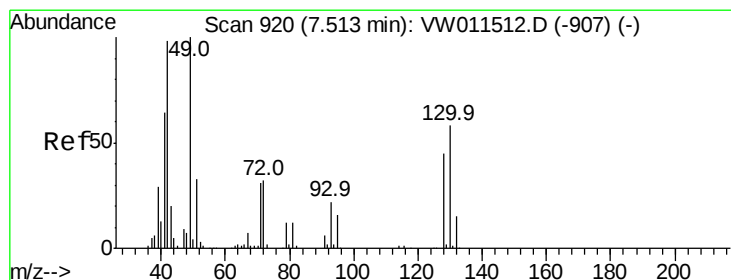
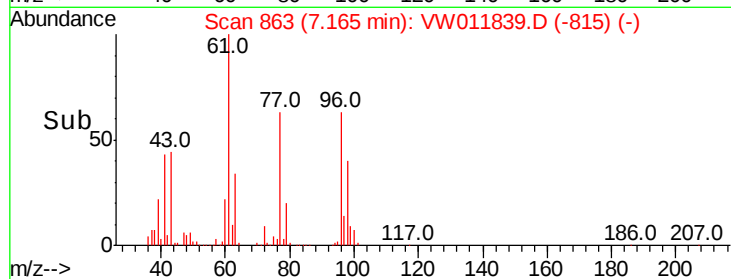
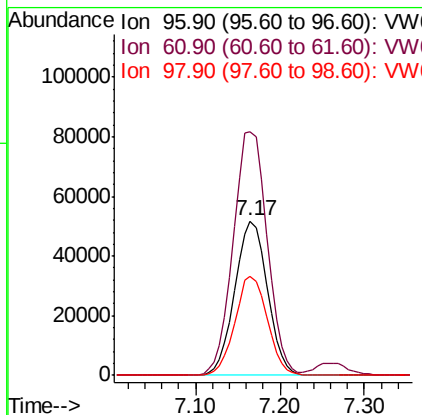
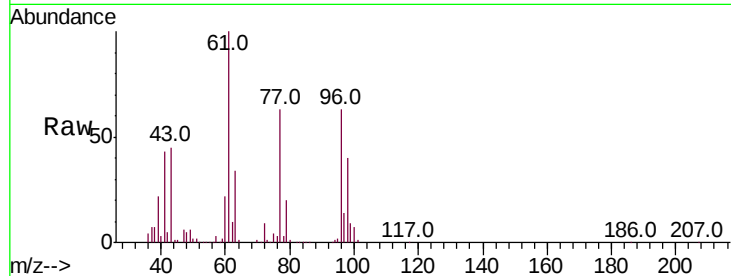


#27

cis-1,2-Dichloroethene
Concen: 46.875 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampled :

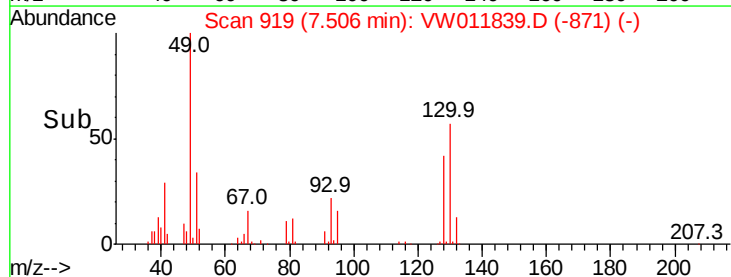
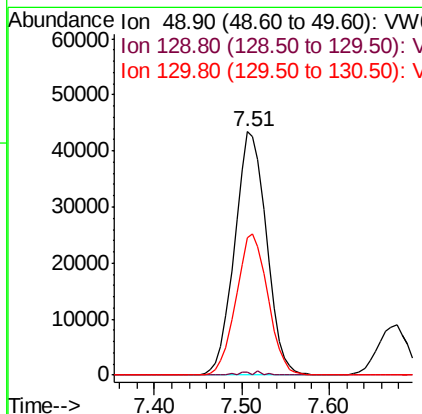
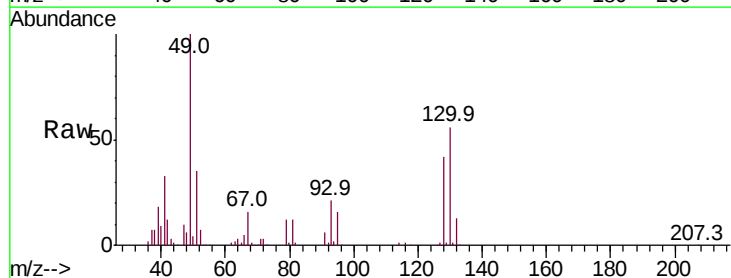
Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	328.4
98	63.8	0.0	128.8

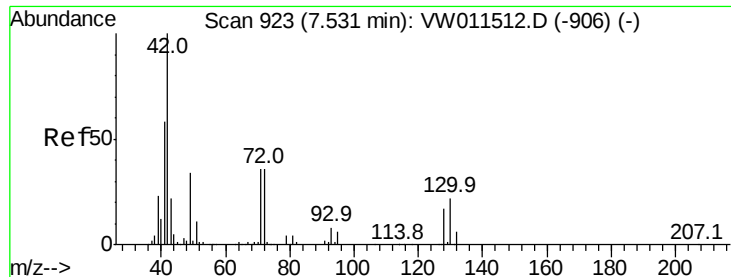


#28

Bromochloromethane
Concen: 47.251 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	1.0
130	57.9	46.3	69.5

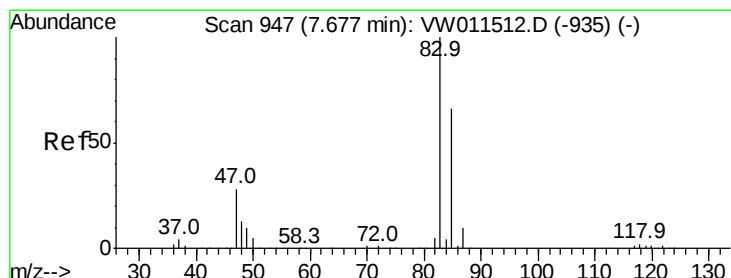
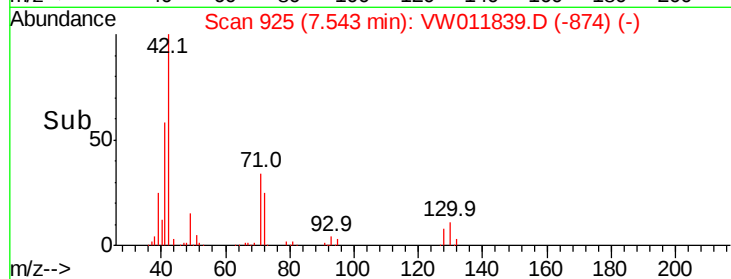
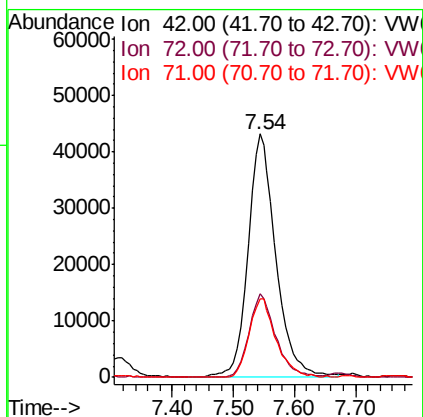
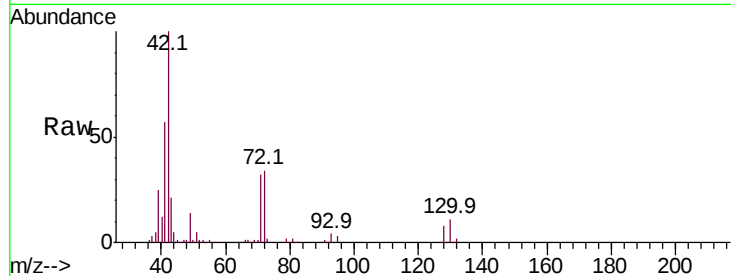




#29
Tetrahydrofuran
Concen: 212.669 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

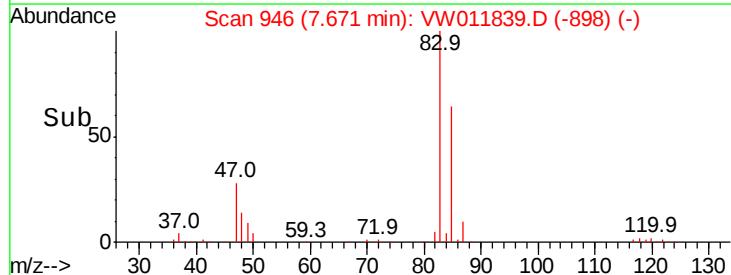
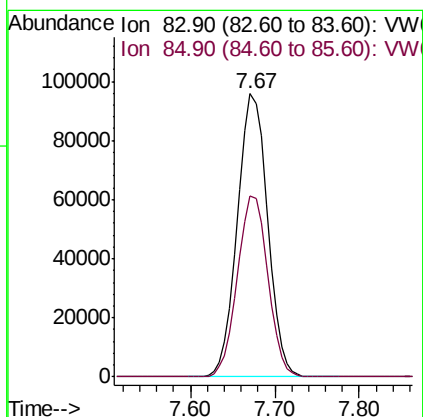
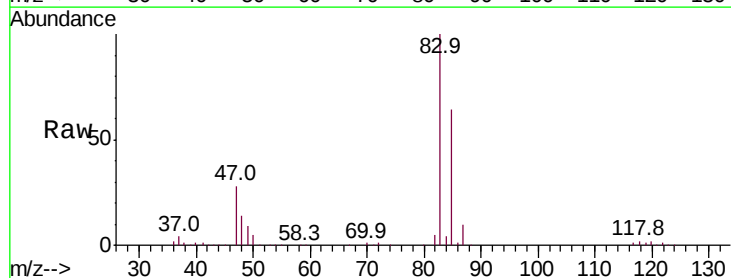
Instrument :
MSVOA_W
ClientSampled :

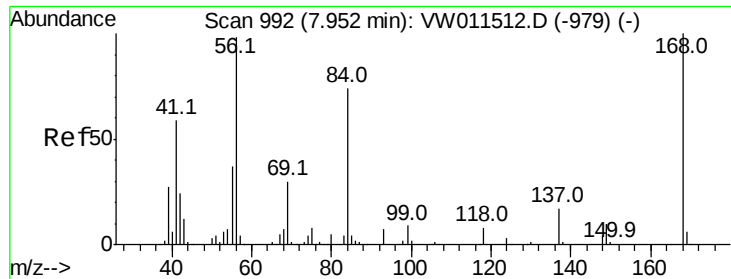
Tot Ion	Ratio	Lower	Upper
42	100		
72	33.0	27.1	40.7
71	31.5	26.2	39.4



#30
Chloroform
Concen: 47.934 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7

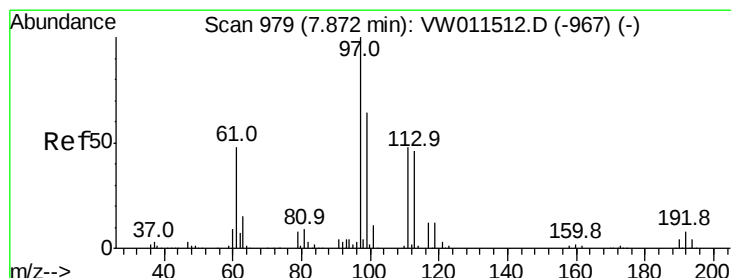
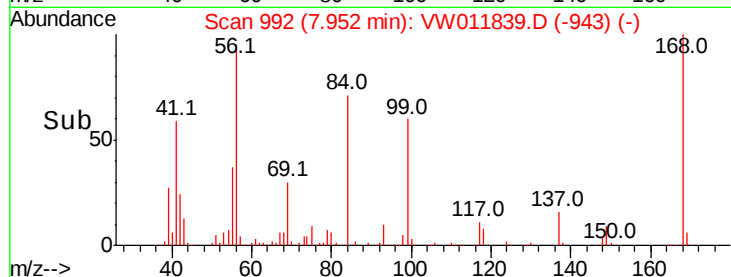
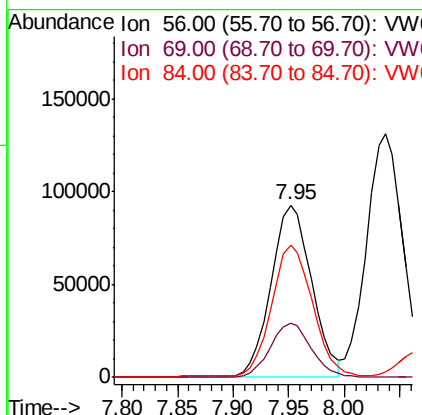
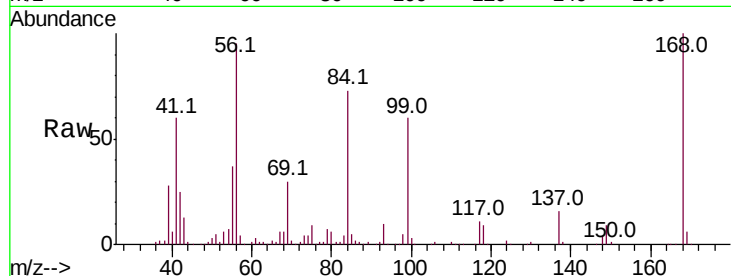




#31
Cyclohexane
Concen: 46.922 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

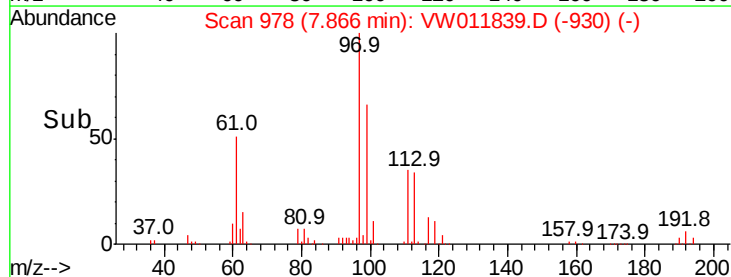
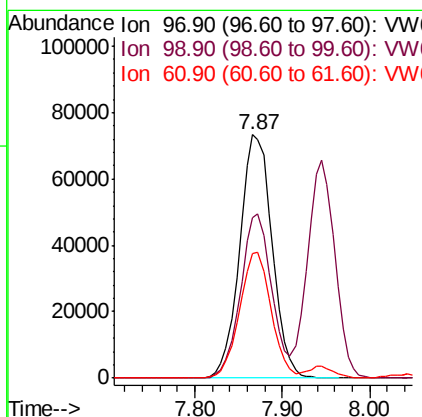
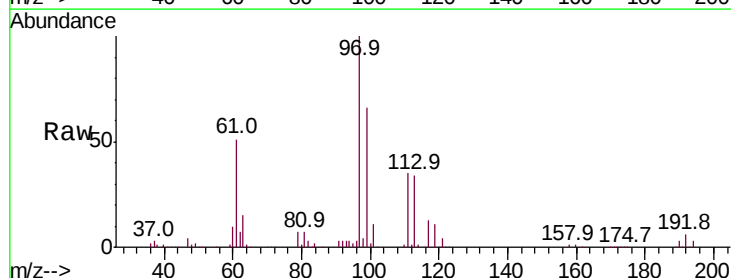
Instrument :
MSVOA_W
ClientSampled :

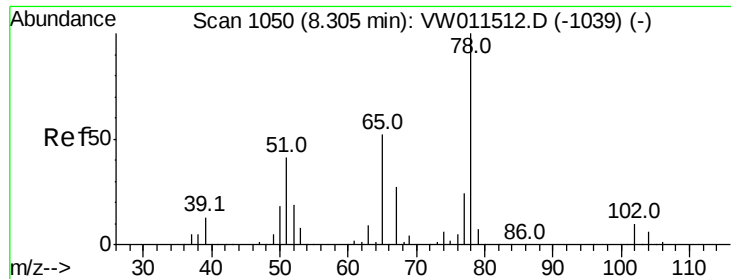
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.3	36.5
84	75.4	60.4	90.6



#32
1,1,1-Trichloroethane
Concen: 51.069 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	50.5	39.8	59.6

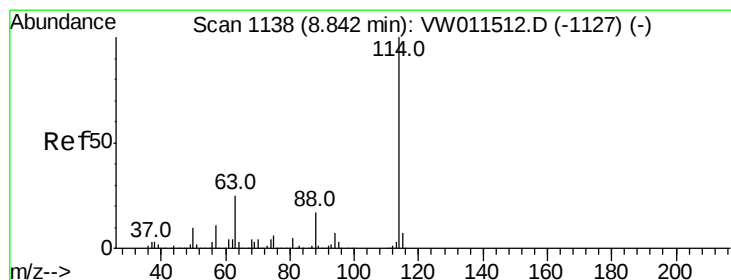
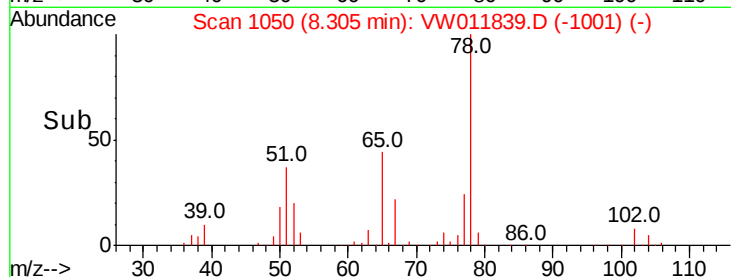
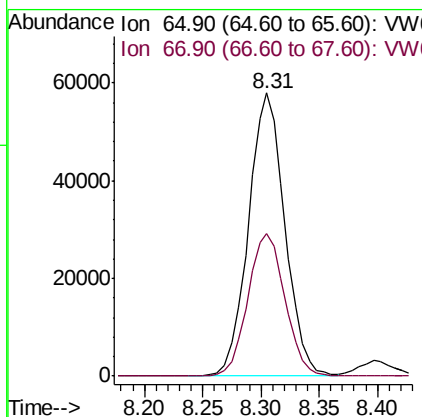
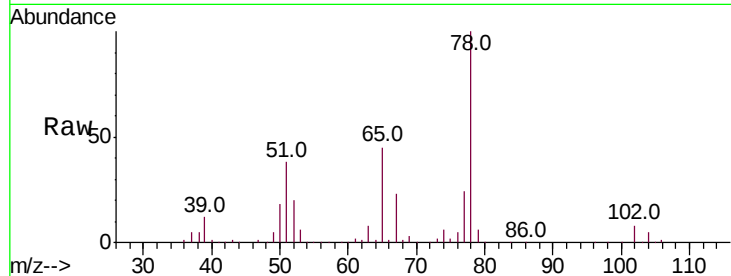




#33
 1,2-Dichloroethane-d4
 Concen: 46.595 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

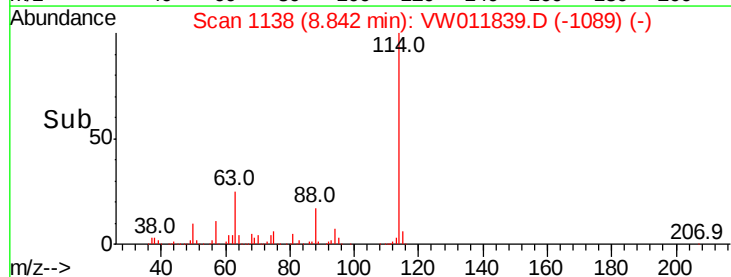
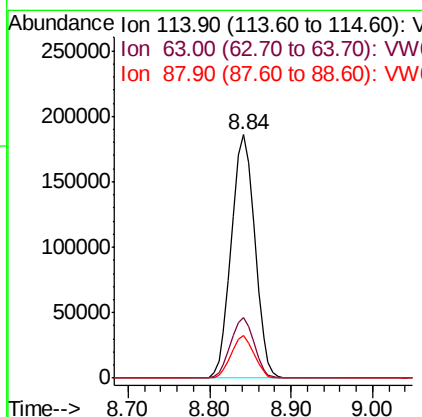
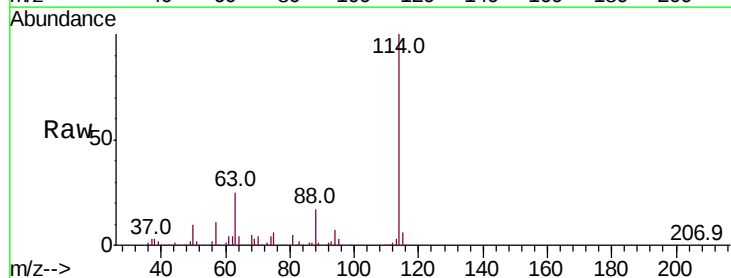
Instrument :
 MSVOA_W
 ClientSampleId :

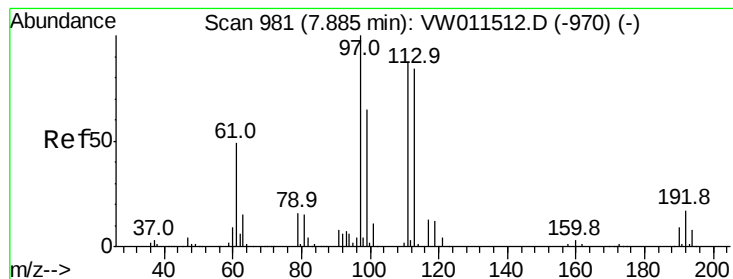
Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	17.4	0.0	33.8





#35

Dibromofluoromethane

Concen: 49.346 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampleId :

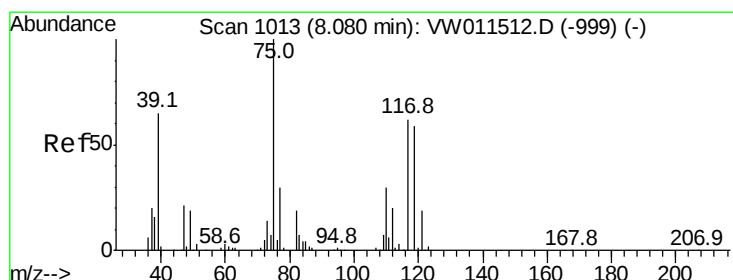
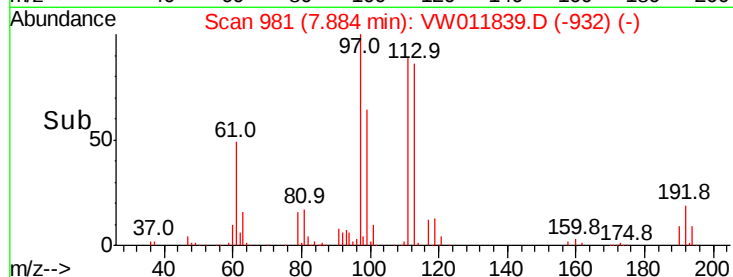
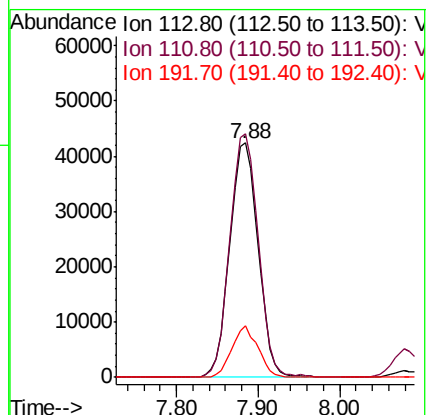
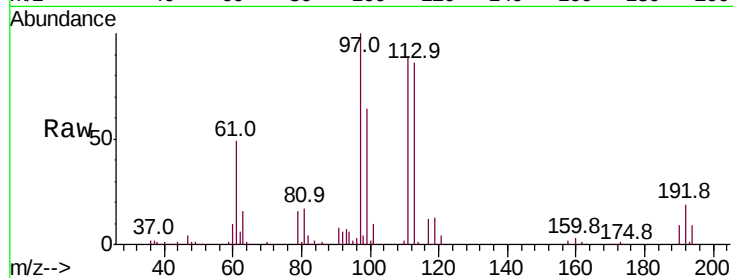
Tot Ion:113 Resp: 102026

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 51.869 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

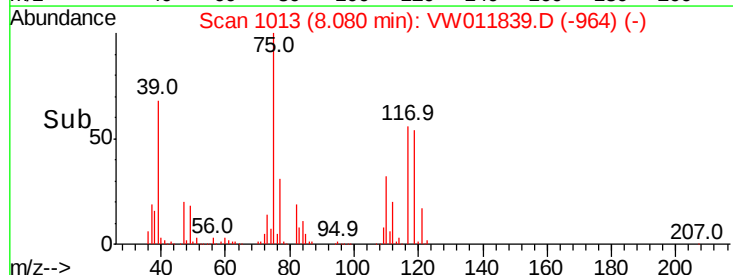
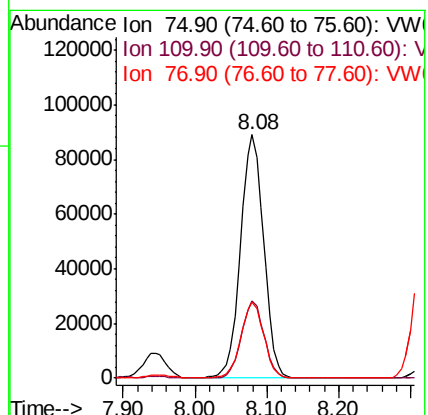
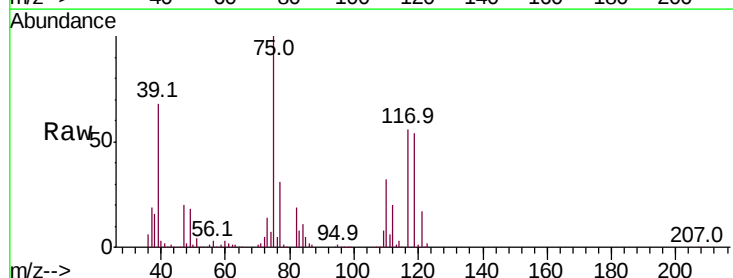
Tgt Ion: 75 Resp: 198770

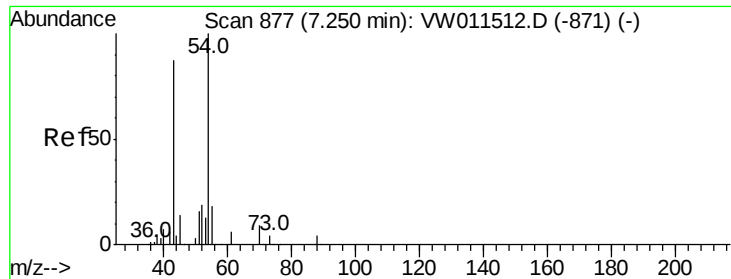
Ion Ratio Lower Upper

75 100

110 31.0 15.6 46.8

77 30.9 24.3 36.5

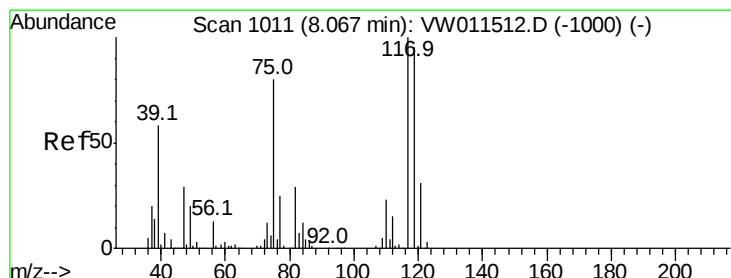
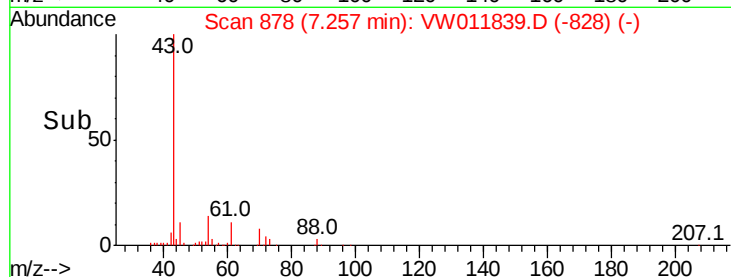
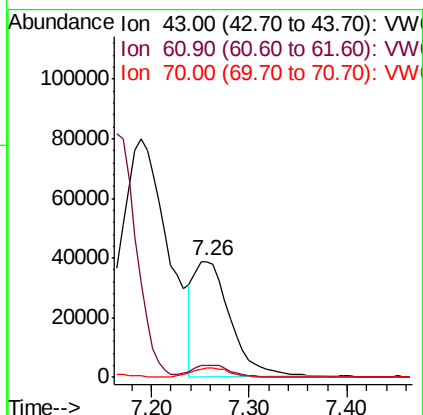
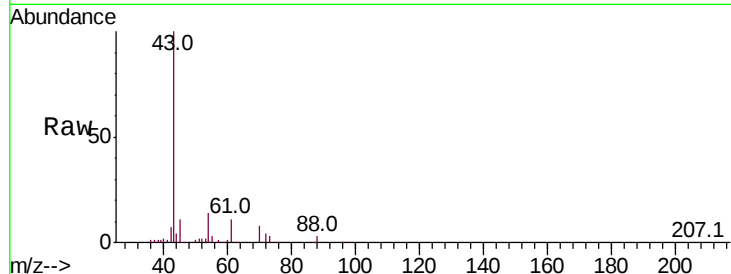




#37
Ethyl Acetate
Concen: 45.017 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

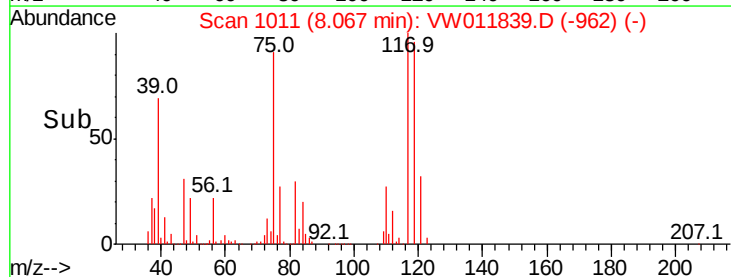
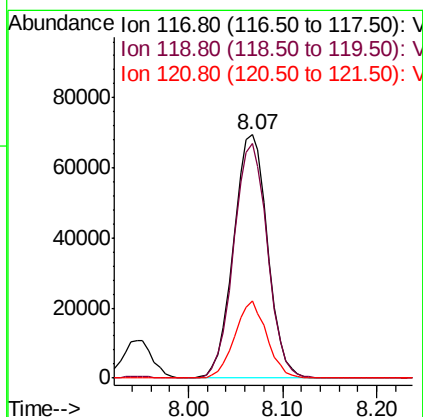
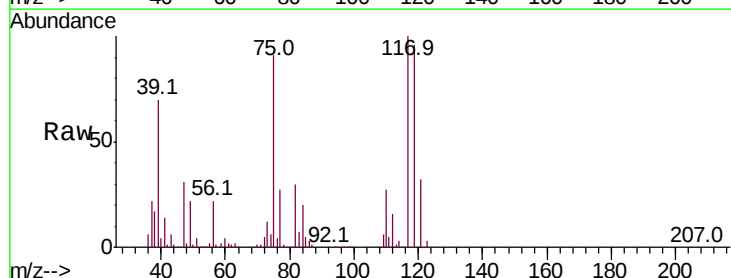
Instrument :
MSVOA_W
ClientSampled :

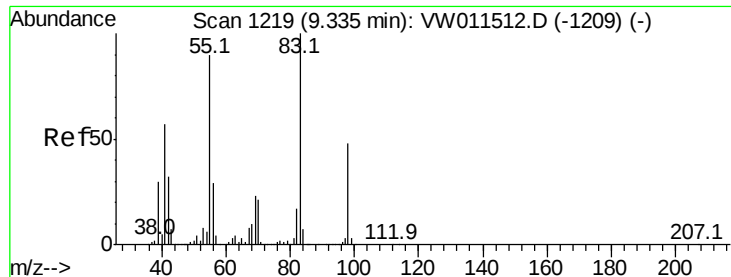
Tot Ion: 43 Resp: 99250
Ion Ratio Lower Upper
43 100
61 11.1 8.8 13.2
70 8.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.387 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 117 Resp: 175142
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 31.7 24.7 37.1

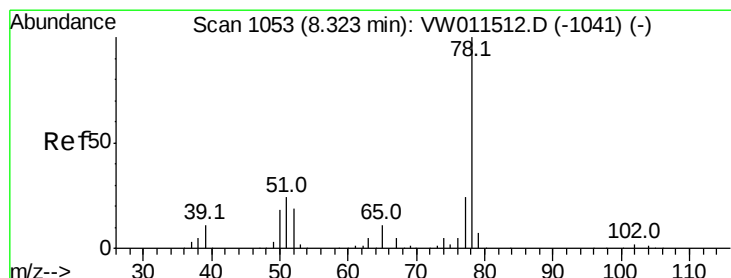
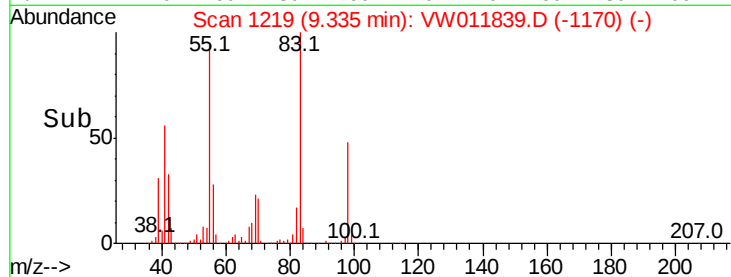
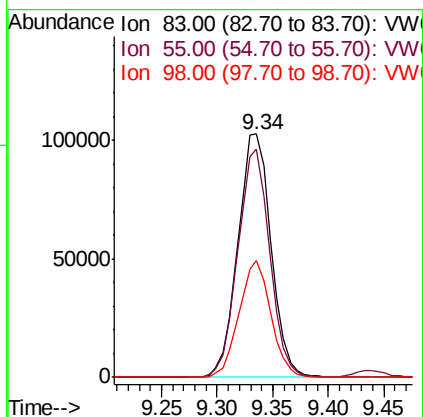
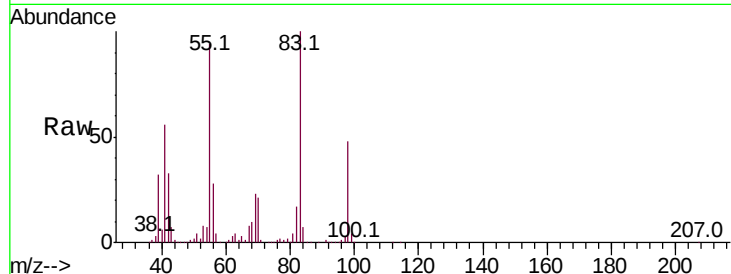




#39
Methvlcvclohexane
Concen: 50.444 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

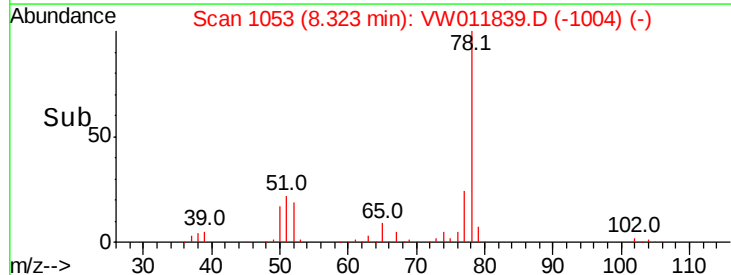
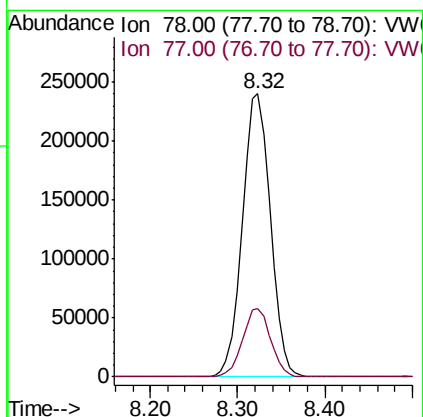
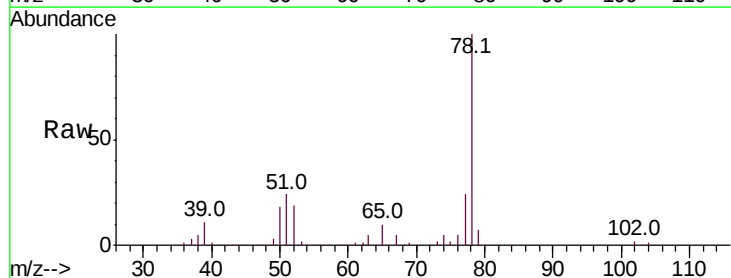
Instrument :
MSVOA_W
ClientSampled :

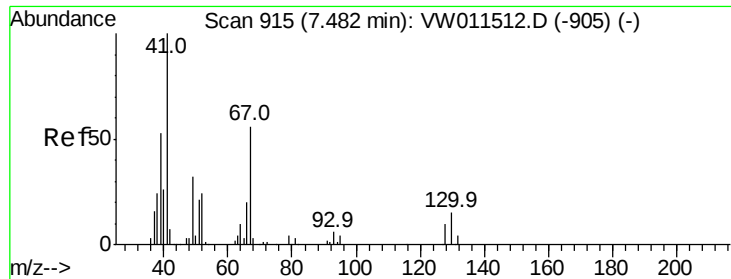
Tot Ion: 83 Resp: 212856
Ion Ratio Lower Upper
83 100
55 93.5 72.1 108.1
98 47.9 38.6 57.8



#40
Benzene
Concen: 49.809 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 78 Resp: 534657
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

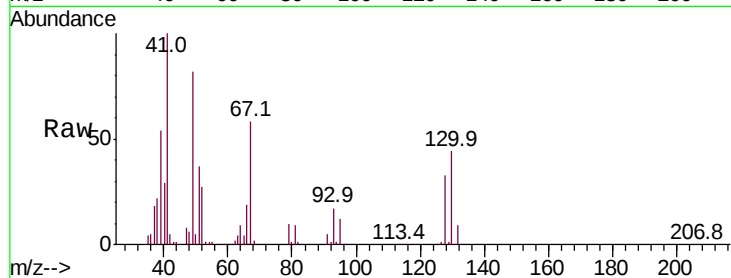




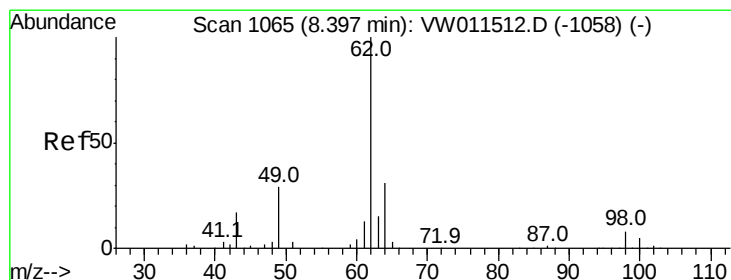
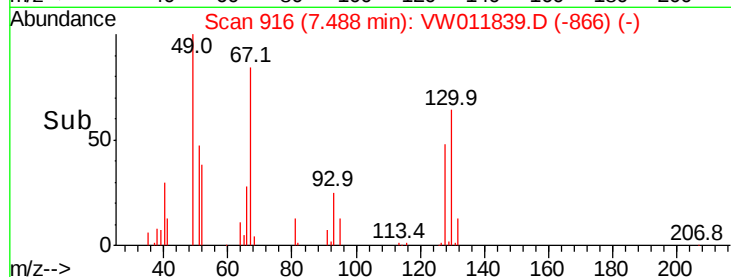
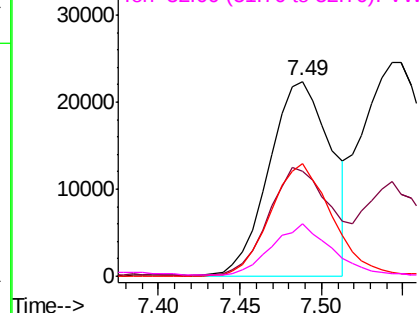
#41
Methacrylonitrile
Concen: 44.721 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 58939
Ion Ratio Lower Upper
41 100
39 58.0 43.0 64.4
67 58.6 47.5 71.3
52 26.0 21.0 31.6

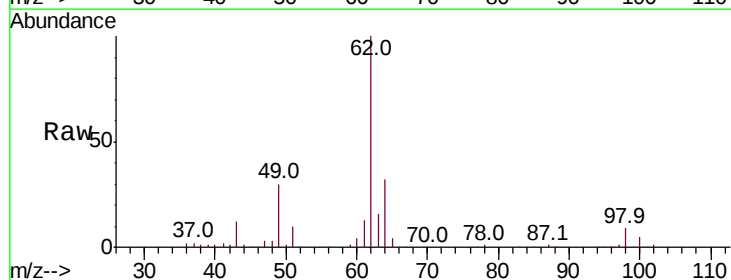


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

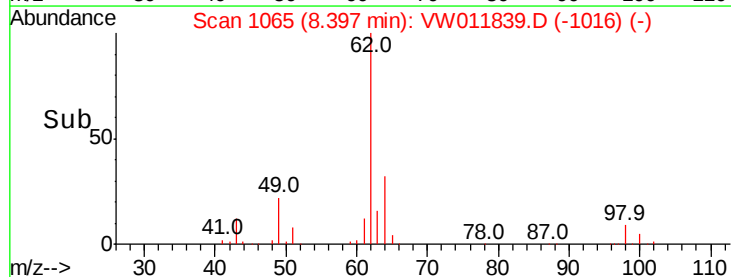
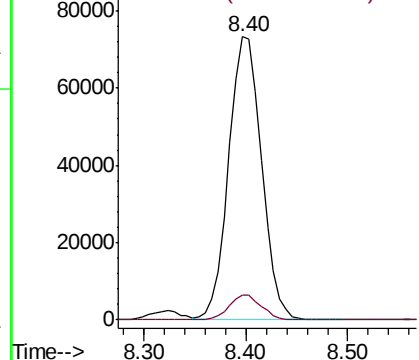


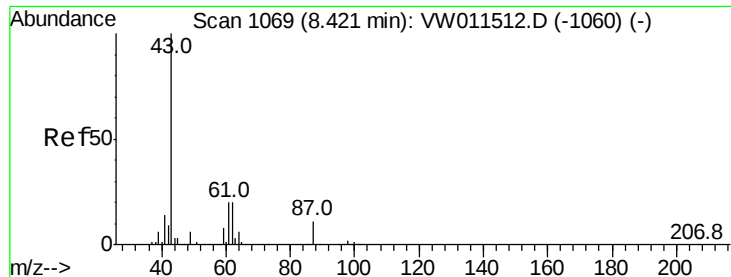
#42
1,2-Dichloroethane
Concen: 48.717 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 62 Resp: 163724
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.8



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





#43

Isopropyl Acetate

Concen: 45.728 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampled :

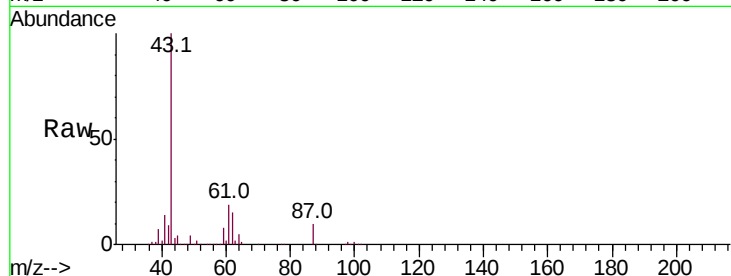
Tot Ion: 43 Resp: 185412

Ion Ratio Lower Upper

43 100

61 26.9 21.5 32.3

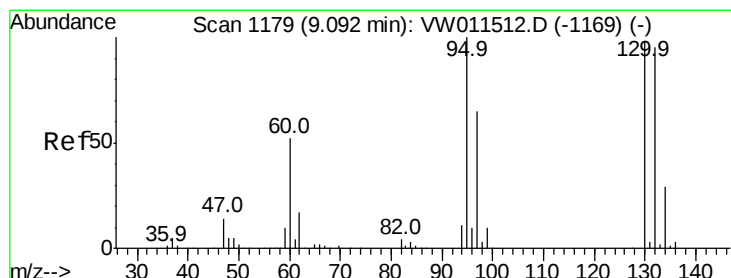
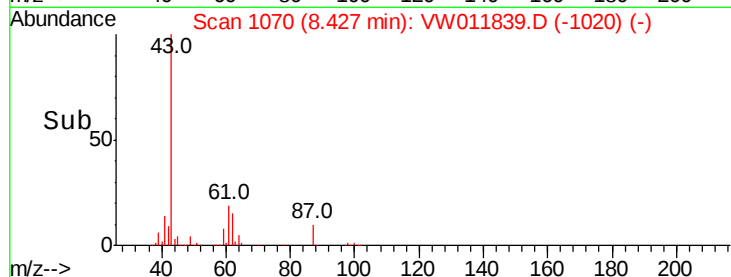
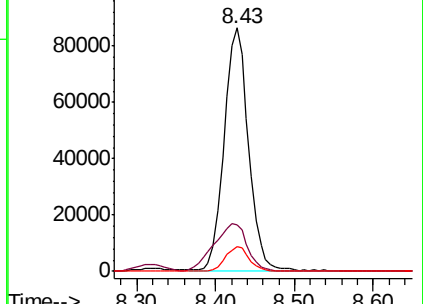
87 10.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.422 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011839.D

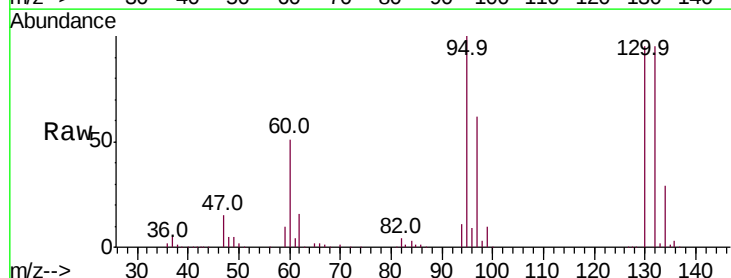
Acq: 12 Aug 2019 09:19

Tgt Ion: 130 Resp: 130084

Ion Ratio Lower Upper

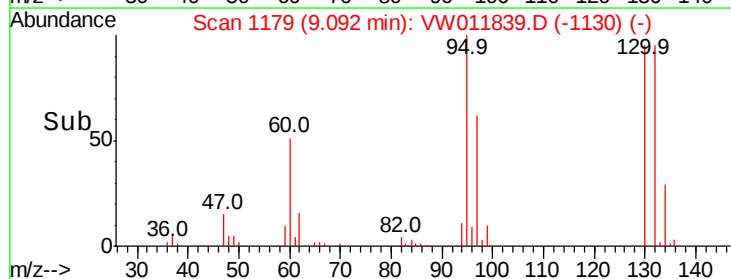
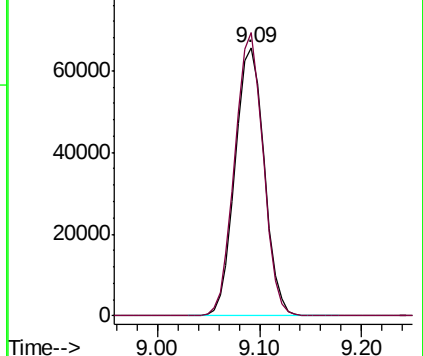
130 100

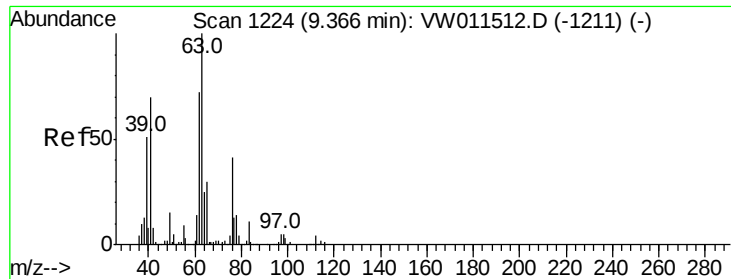
95 105.5 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.239 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

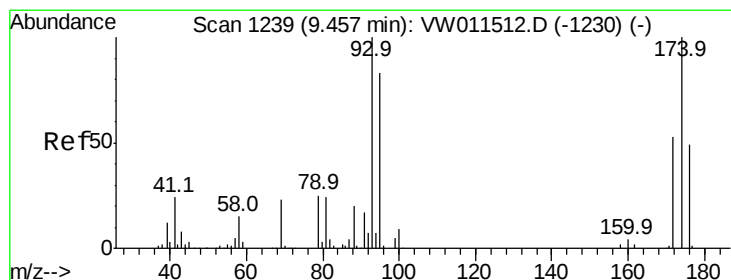
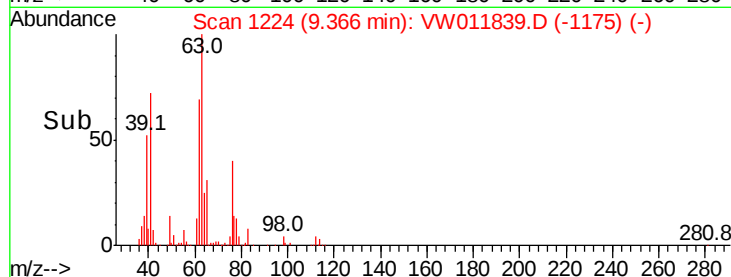
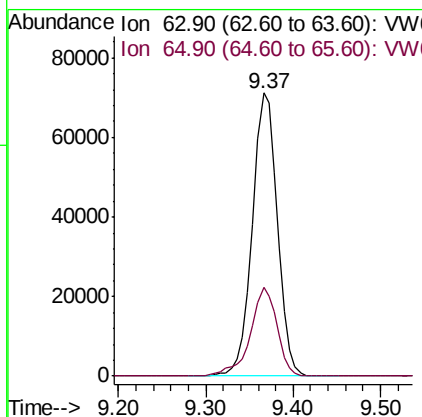
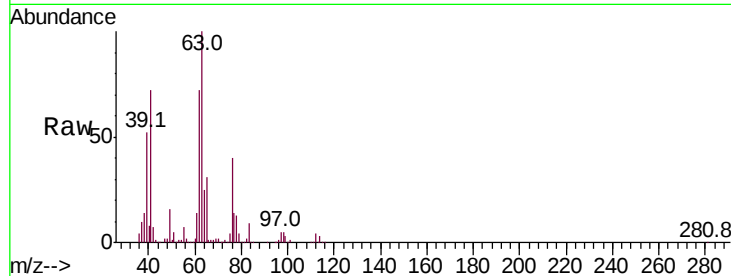
ClientSampleId :

Tot Ion: 63 Resp: 141419

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 48.761 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

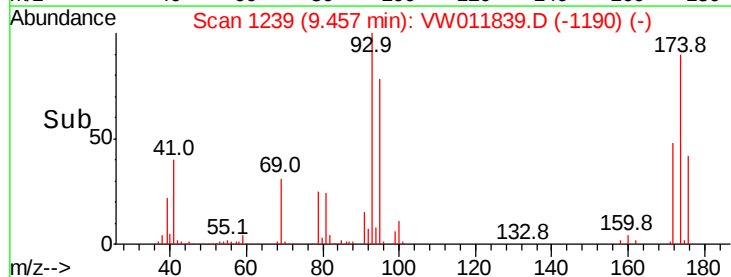
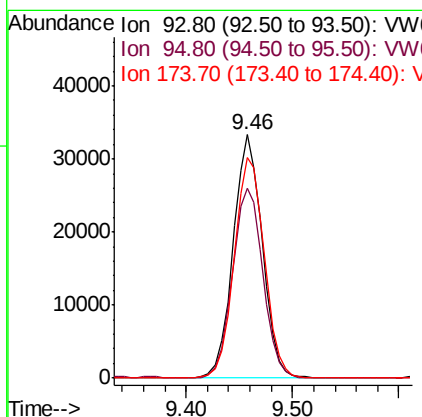
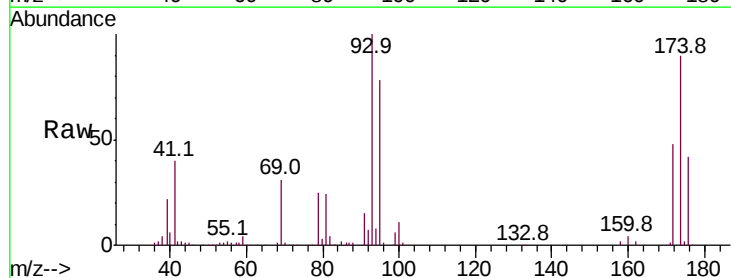
Tgt Ion: 93 Resp: 63919

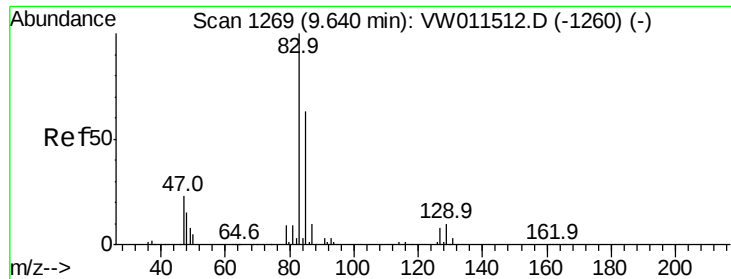
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 93.8 78.2 117.4





#47

Bromodichloromethane

Concen: 50.241 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

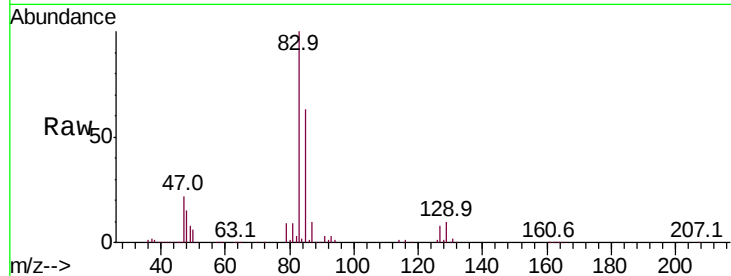
Tot Ion: 83 Resp: 172758

Ion Ratio Lower Upper

83 100

85 63.2 50.5 75.7

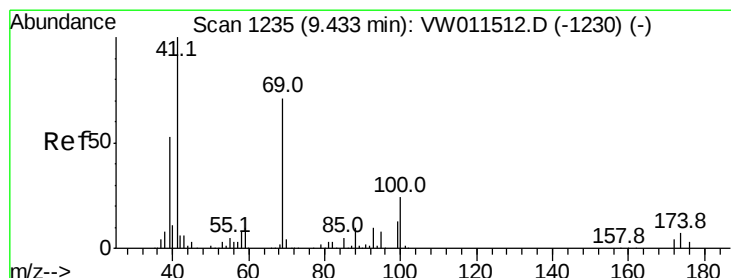
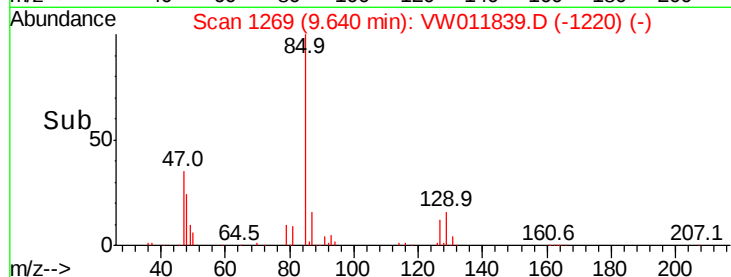
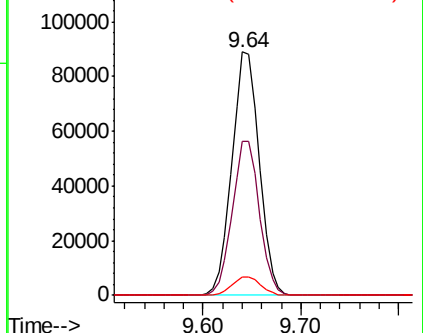
127 7.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 45.059 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

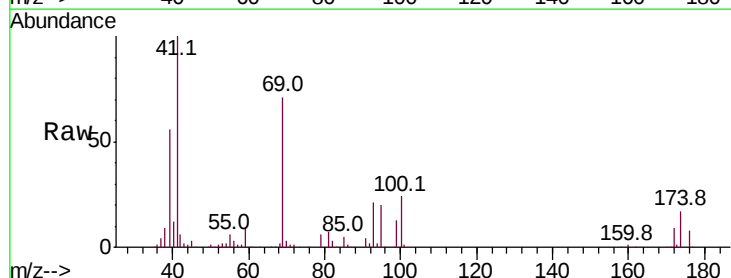
Tgt Ion: 41 Resp: 87762

Ion Ratio Lower Upper

41 100

69 72.8 57.1 85.7

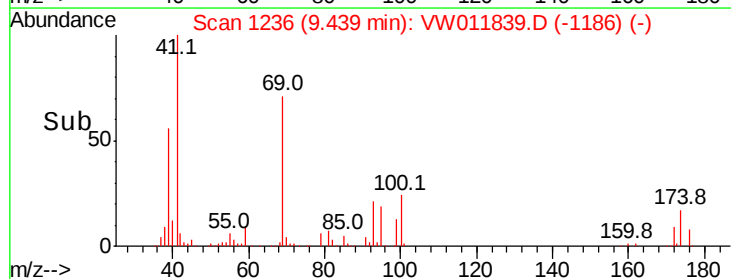
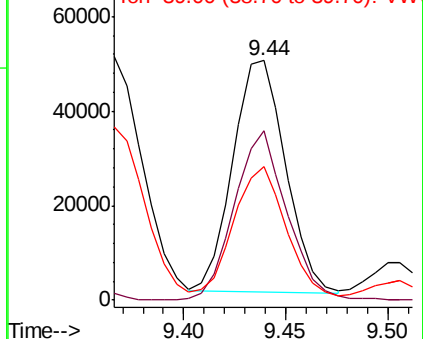
39 59.1 45.4 68.2

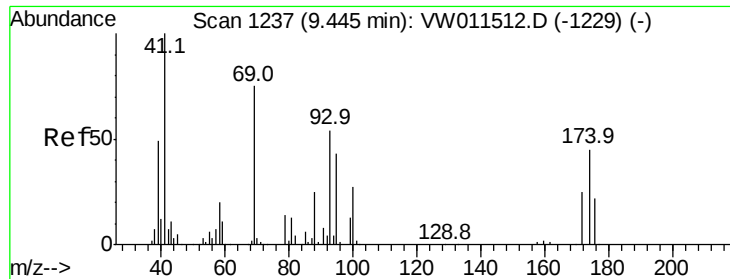


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 433.337 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.07 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampleId :

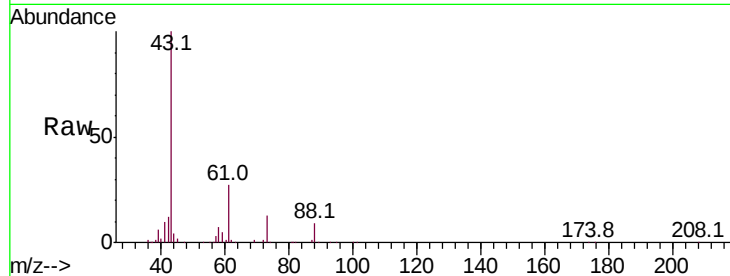
Tot Ion: 88 Resp: 8225

Ion Ratio Lower Upper

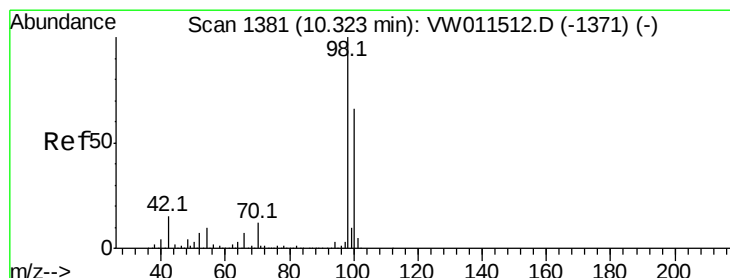
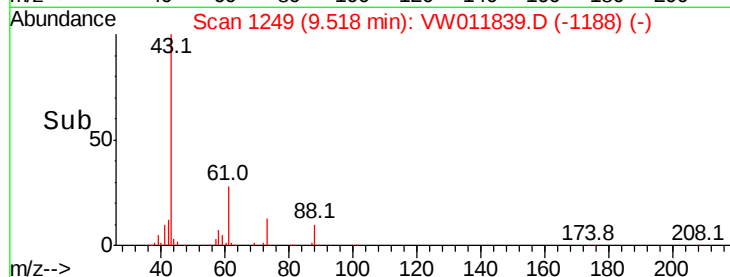
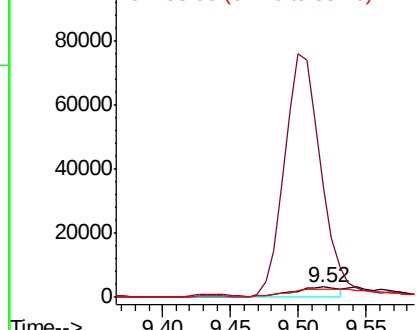
88 100

43 1756.7 34.0 51.0#

58 53.6 69.7 104.5#



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



#50

Toluene-d8

Concen: 49.389 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011839.D

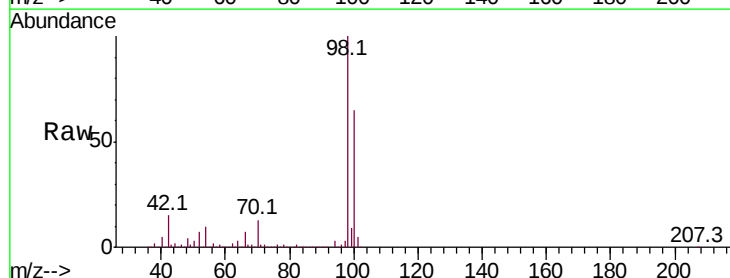
Acq: 12 Aug 2019 09:19

Tgt Ion: 98 Resp: 418091

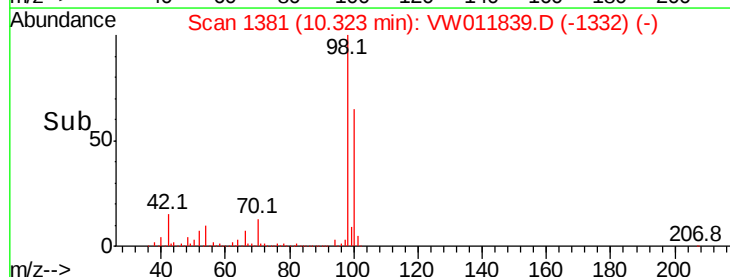
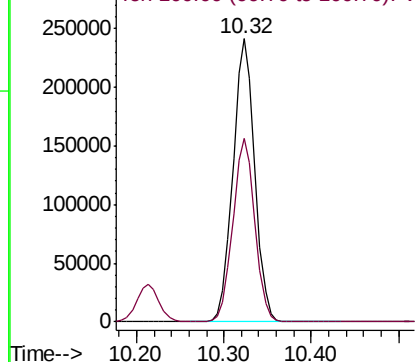
Ion Ratio Lower Upper

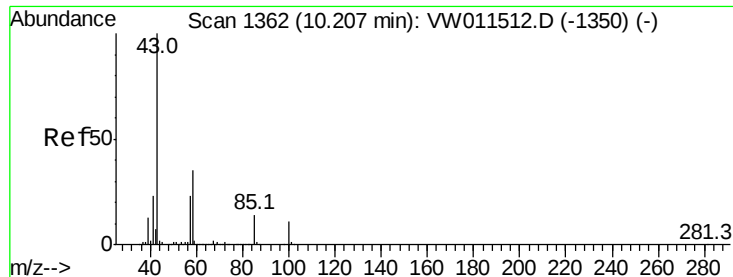
98 100

100 65.4 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 226.936 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

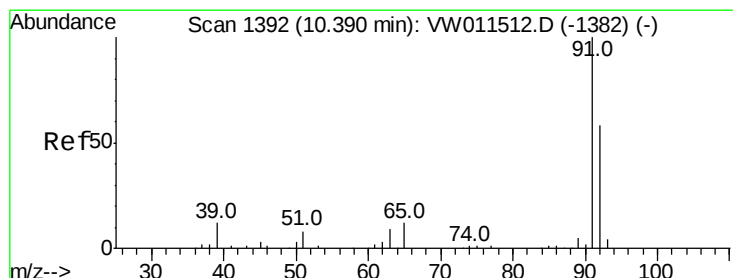
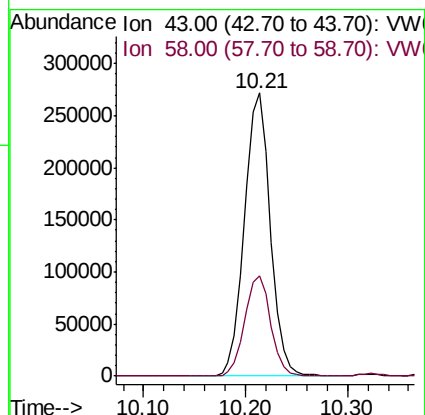
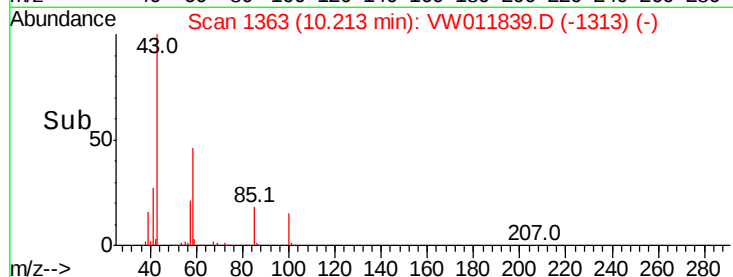
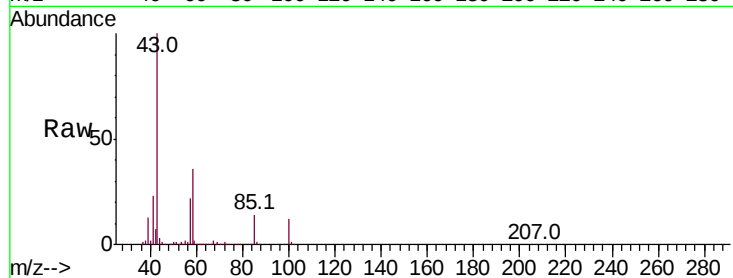
ClientSampled :

Tot Ion: 43 Resp: 478618

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2



#52

Toluene

Concen: 49.856 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011839.D

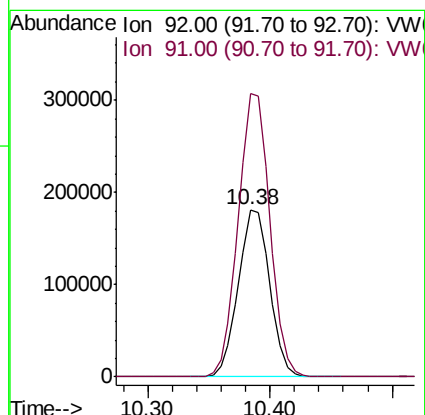
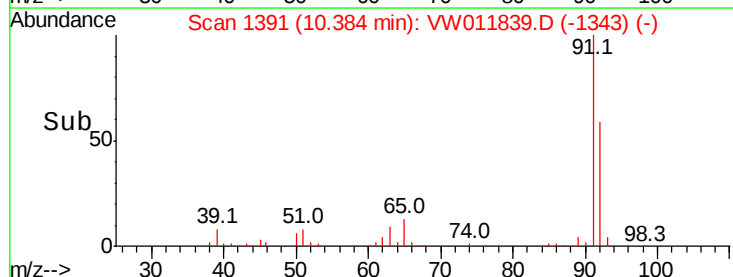
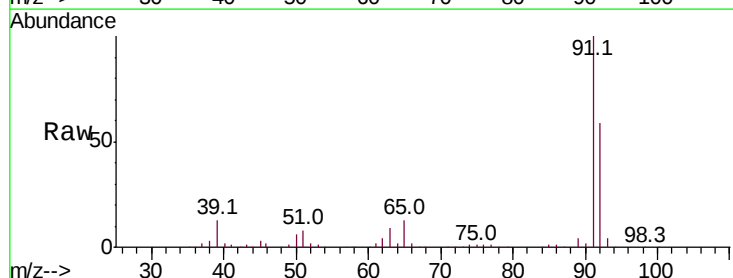
Acq: 12 Aug 2019 09:19

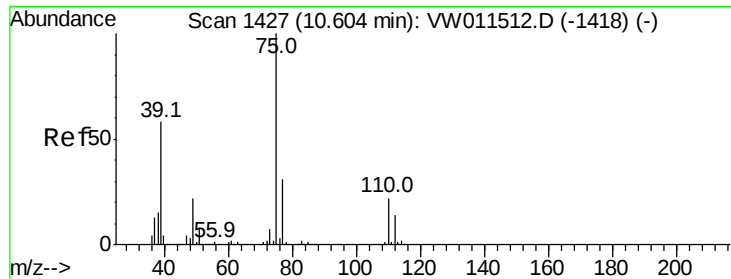
Tgt Ion: 92 Resp: 323178

Ion Ratio Lower Upper

92 100

91 170.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.700 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

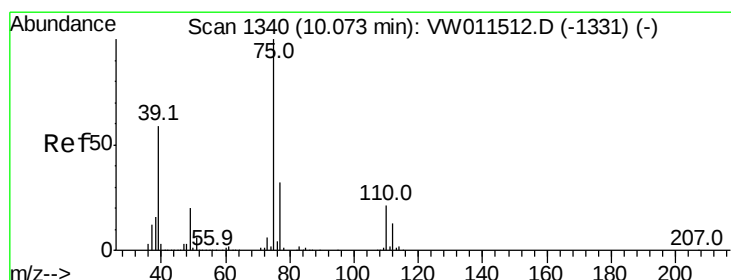
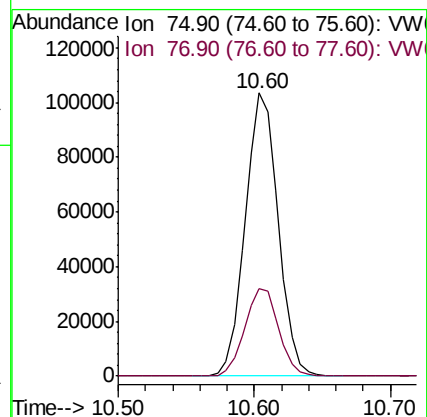
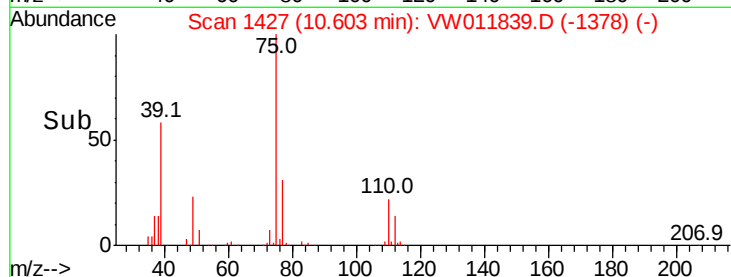
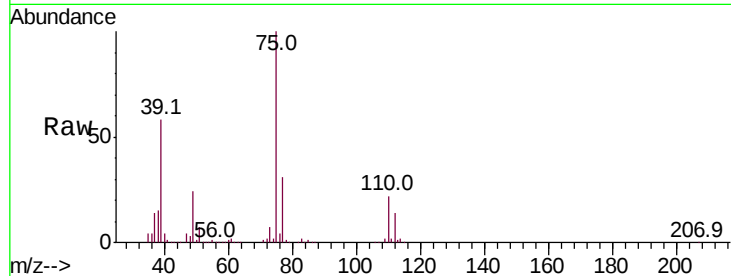
ClientSampled :

Tot Ion: 75 Resp: 174930

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 49.233 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

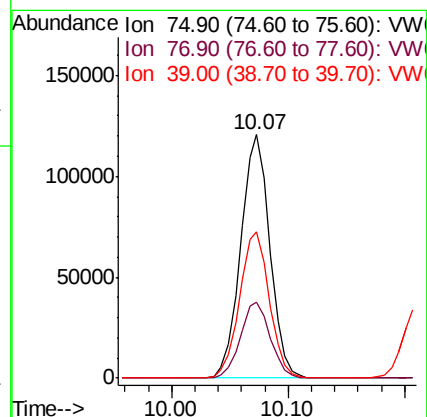
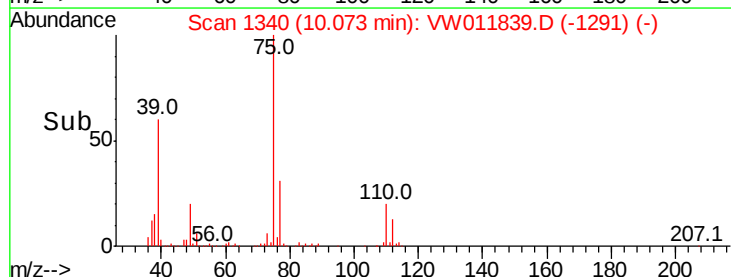
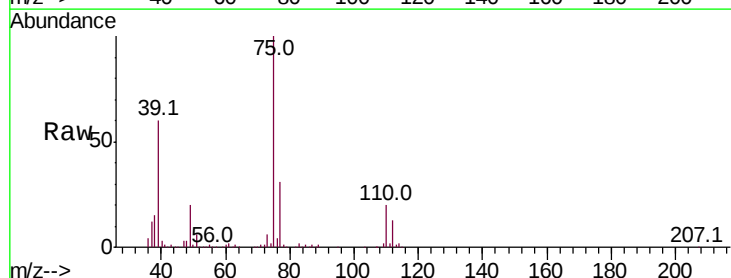
Tgt Ion: 75 Resp: 210266

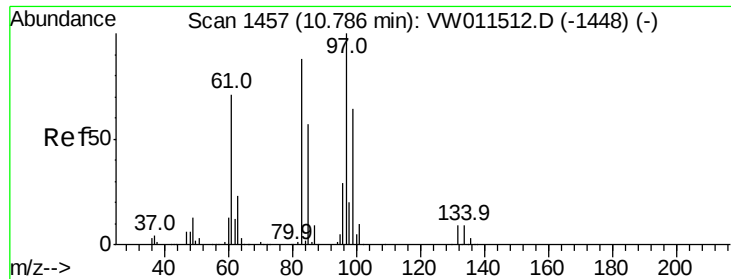
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 59.9 47.0 70.4



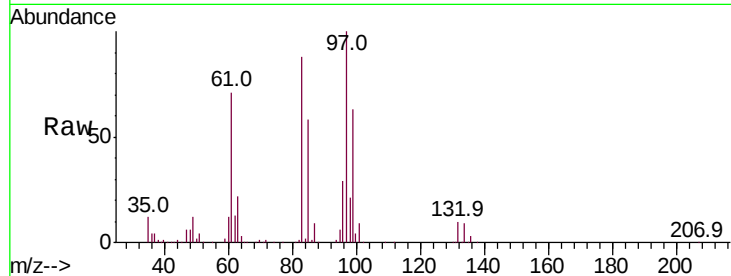


#55
 1,1,2-Trichloroethane
 Concen: 47.690 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

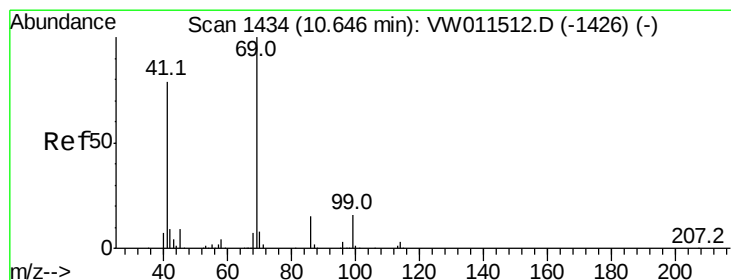
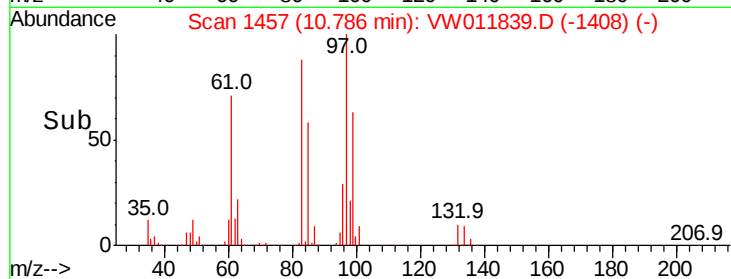
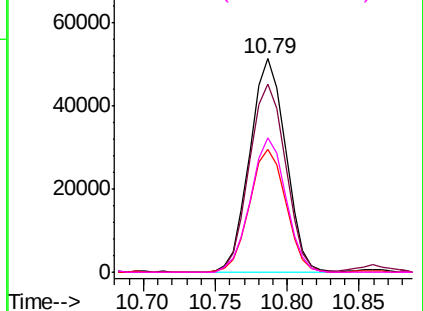
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 88701

Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.5	105.7
85	57.6	45.8	68.6
99	62.9	51.0	76.4



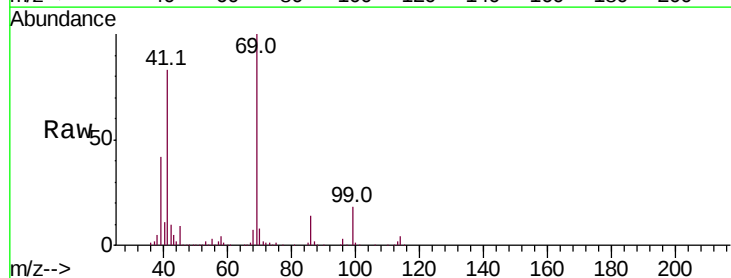
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW



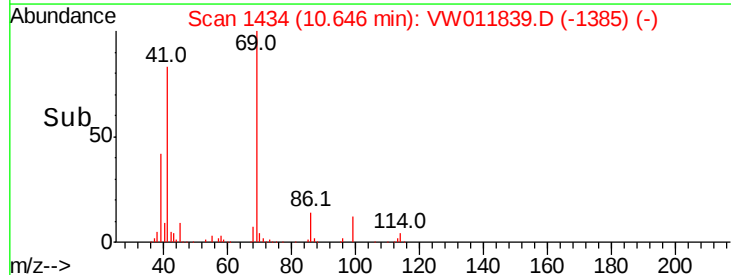
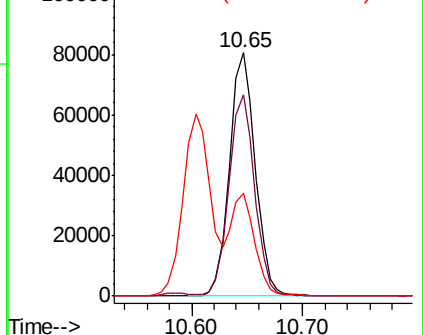
#56
 Ethyl methacrylate
 Concen: 47.349 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

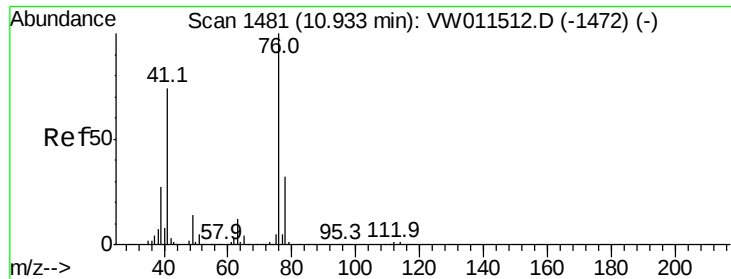
Tgt Ion: 69 Resp: 128868

Ion	Ratio	Lower	Upper
69	100		
41	81.7	66.6	99.8
39	39.4	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

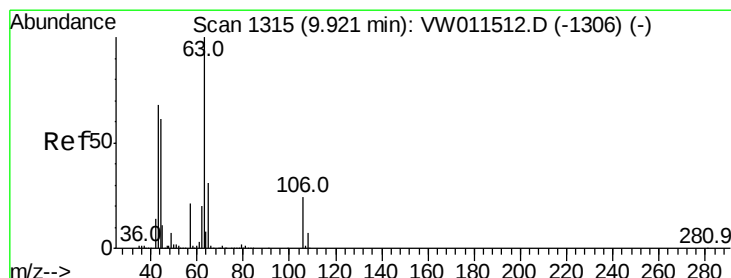
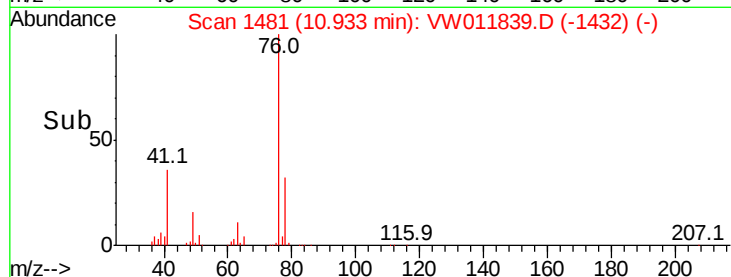
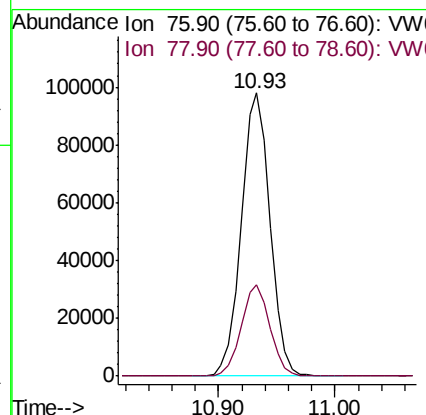
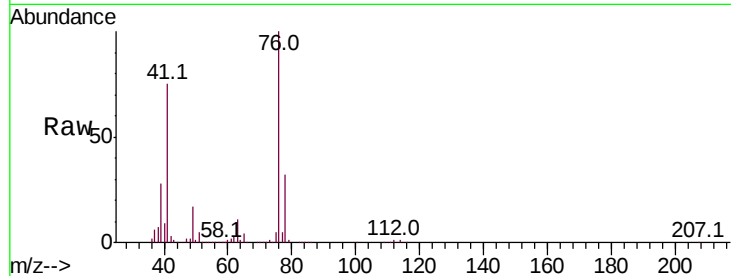




#57
 1,3-Dichloropropane
 Concen: 47.763 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

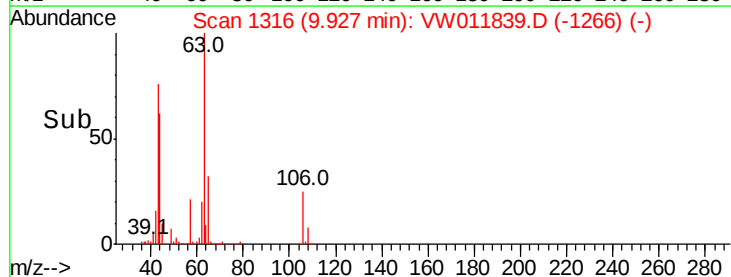
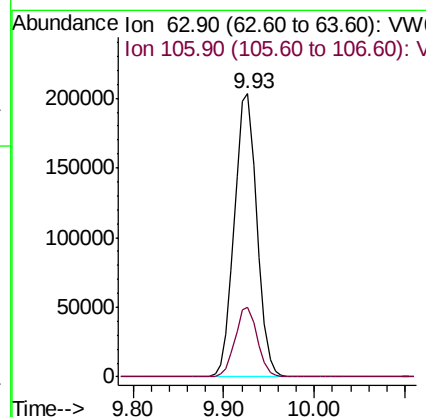
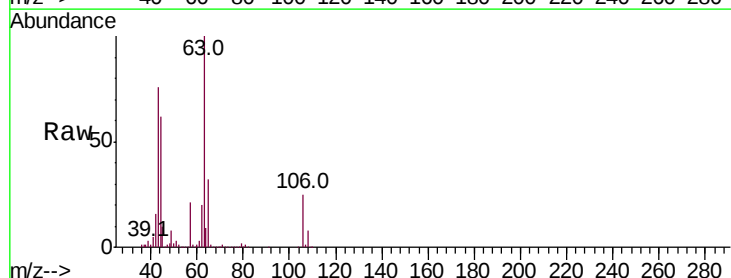
Instrument :
 MSVOA_W
 ClientSampled :

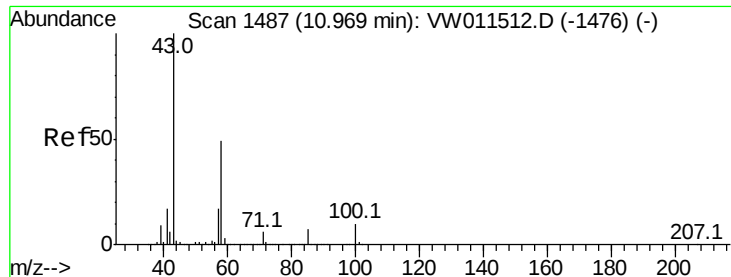
Tot Ion: 76 Resp: 168068
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.126 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion: 63 Resp: 351108
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

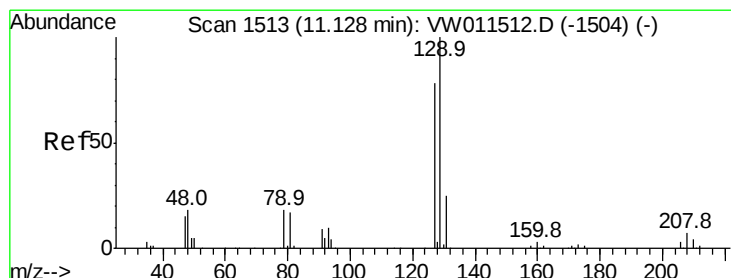
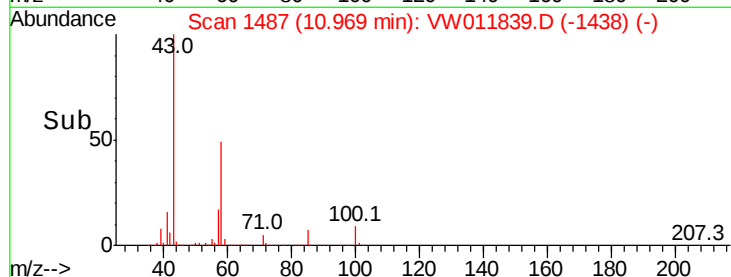
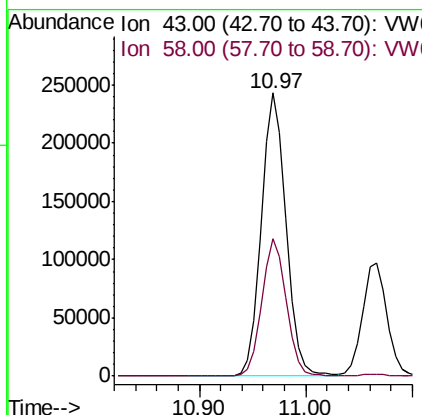
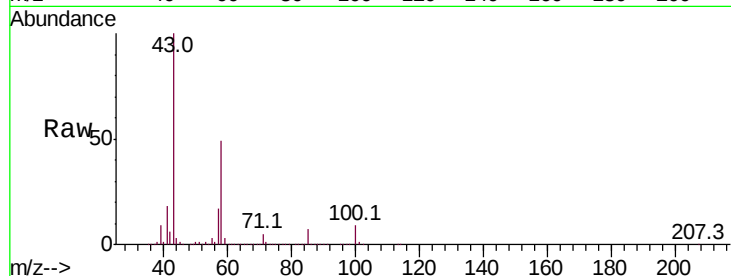




#59
2-Hexanone
Concen: 265.366 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

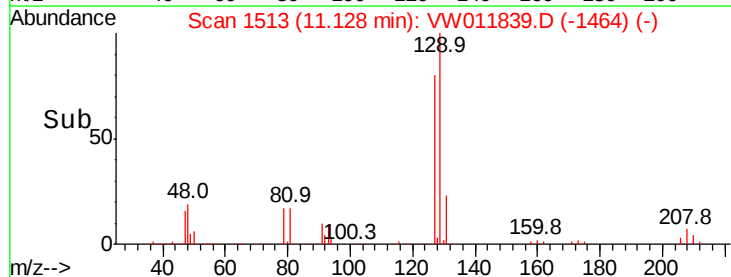
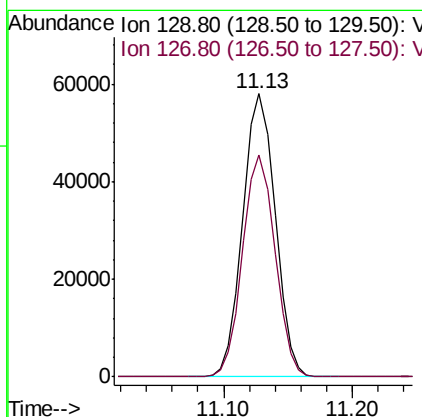
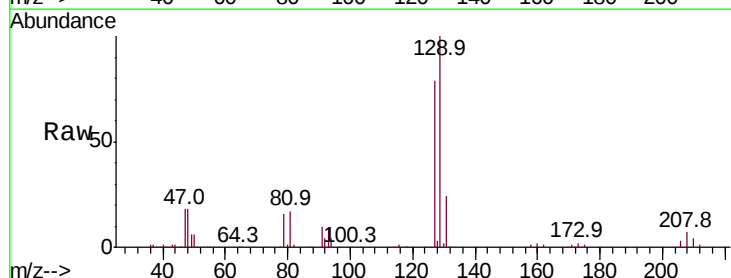
Instrument :
MSVOA_W
ClientSampled :

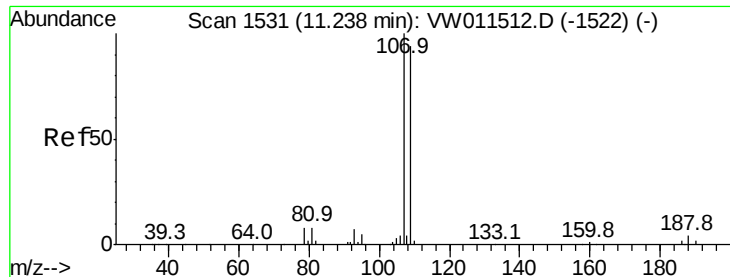
Tot Ion: 43 Resp: 395162
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 49.156 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 129 Resp: 101486
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

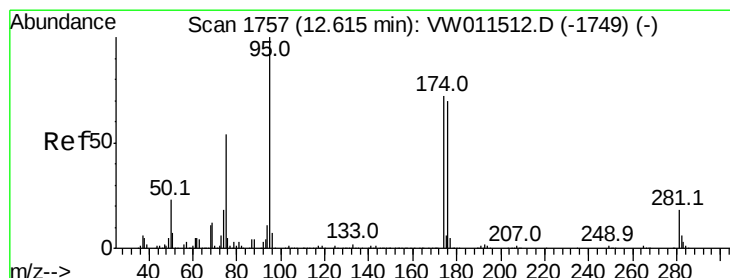
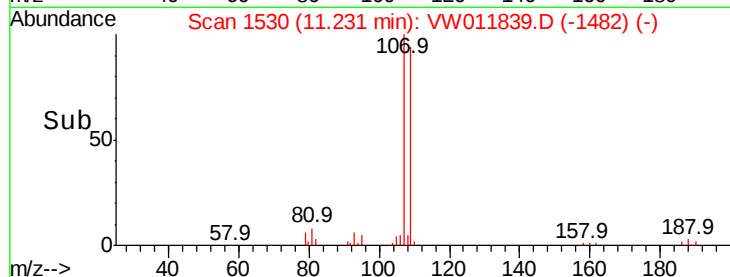
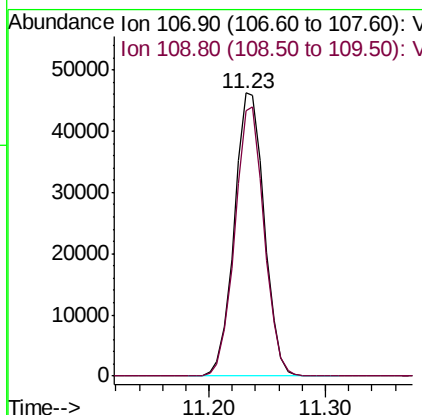
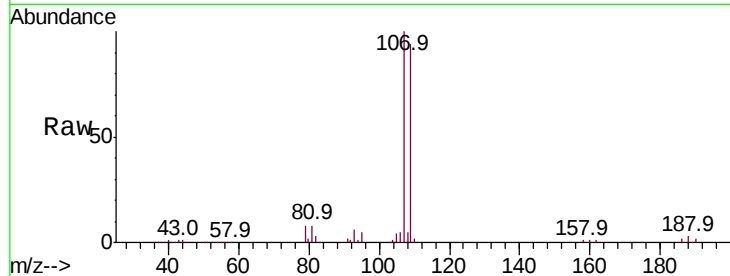




#61
 1,2-Dibromoethane
 Concen: 47.033 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

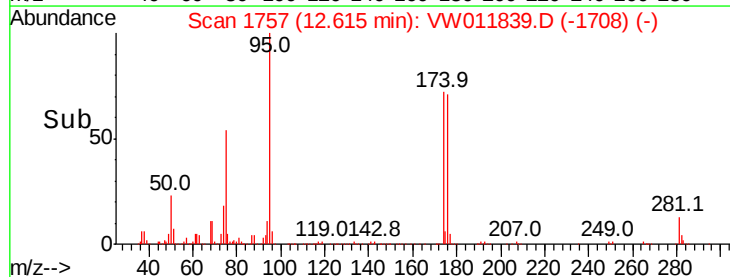
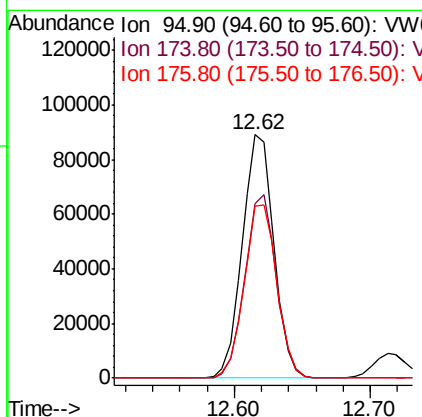
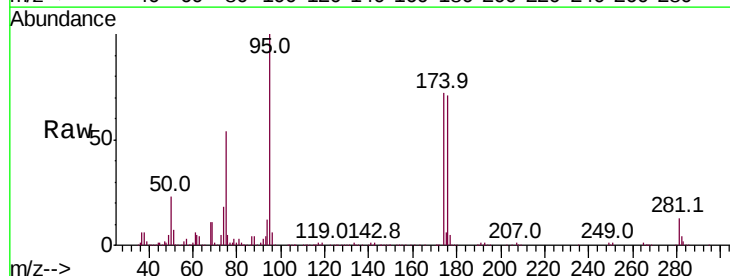
Instrument :
 MSVOA_W
 ClientSampled :

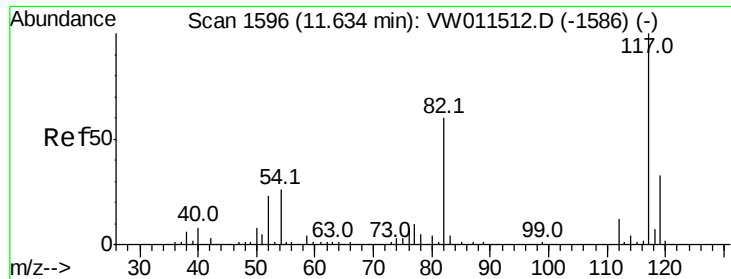
Tot Ion:107 Resp: 82784
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.021 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion: 95 Resp: 144930
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 150.2
 176 73.4 0.0 144.4

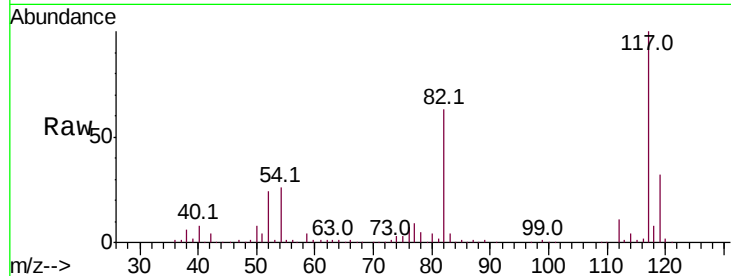




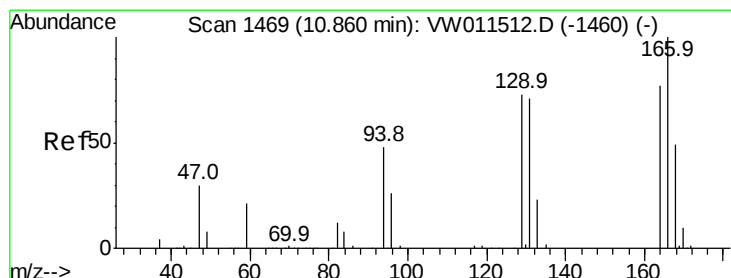
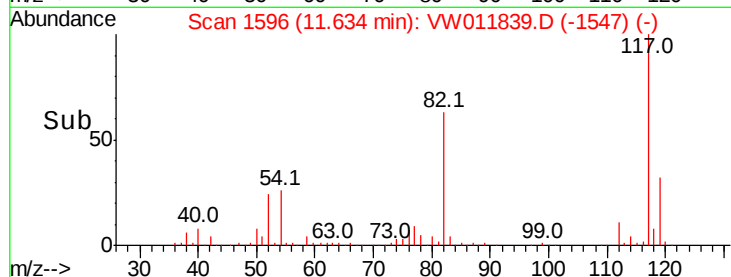
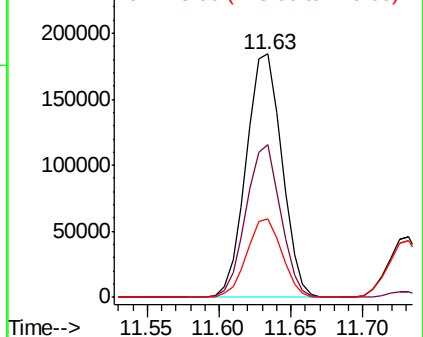
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 316699
Ion Ratio Lower Upper
117 100
82 62.7 47.9 71.9
119 32.2 26.2 39.2



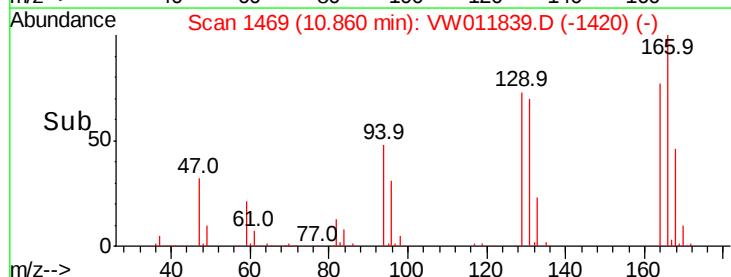
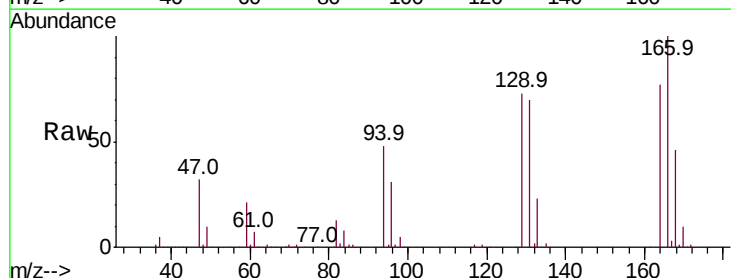
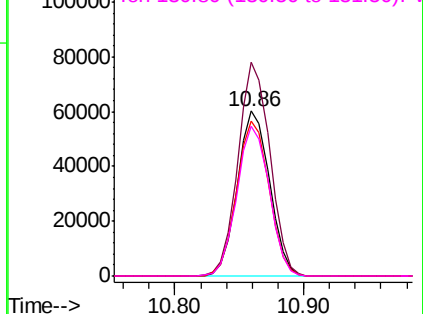
Abundance Ion 116.90 (116.60 to 117.60): V
250000 Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

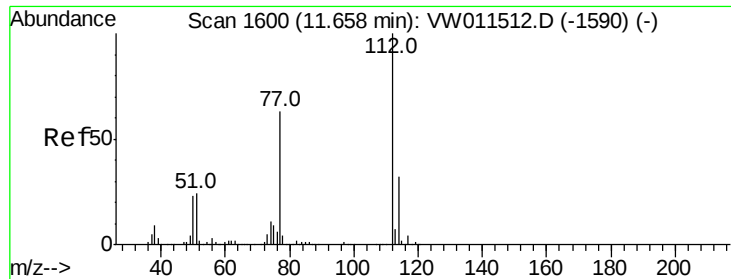


#64
Tetrachloroethene
Concen: 50.502 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion:164 Resp: 104138
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 94.0 75.2 112.8
131 90.5 73.4 110.2

Abundance Ion 163.80 (163.50 to 164.50): V
120000 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

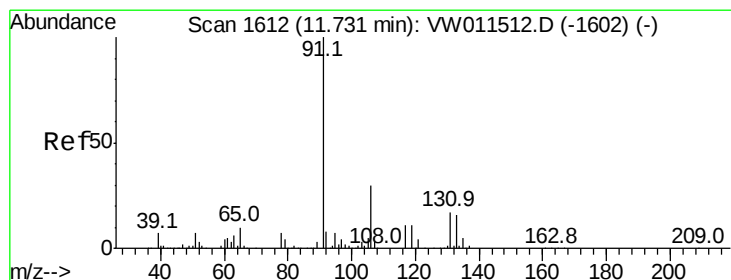
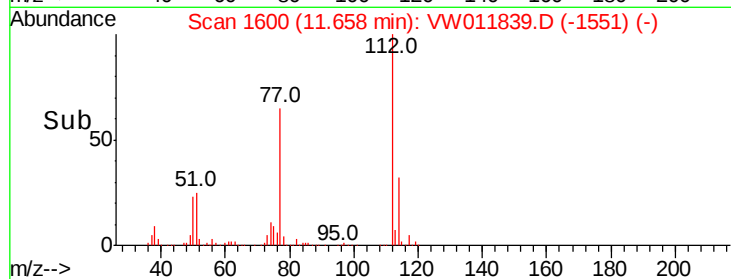
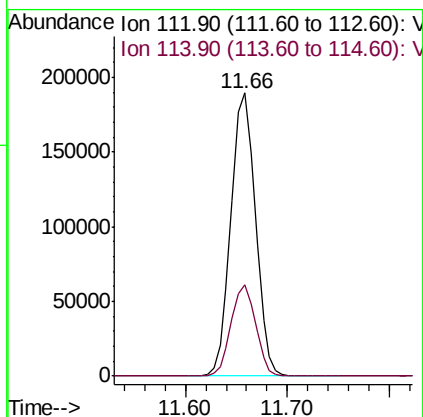
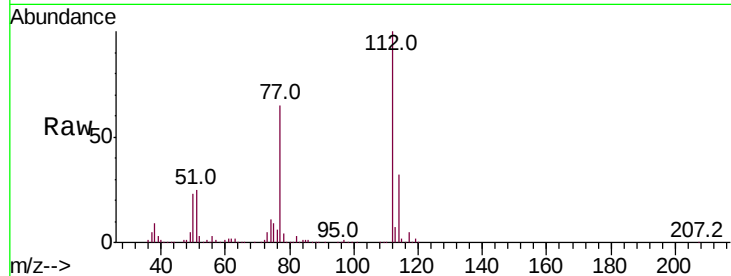




#65
Chlorobenzene
Concen: 49.636 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

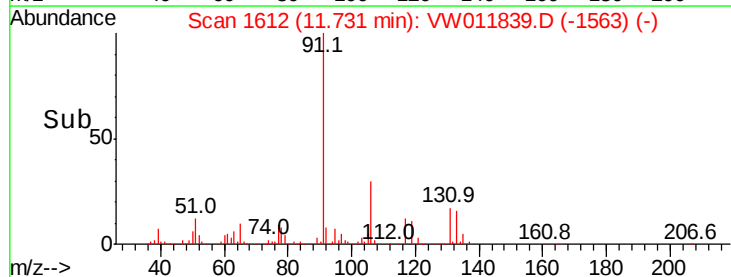
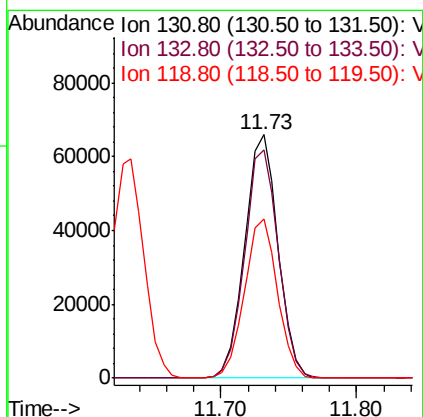
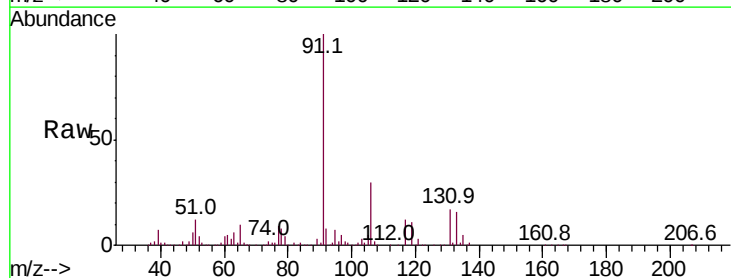
Instrument :
MSVOA_W
ClientSampleId :

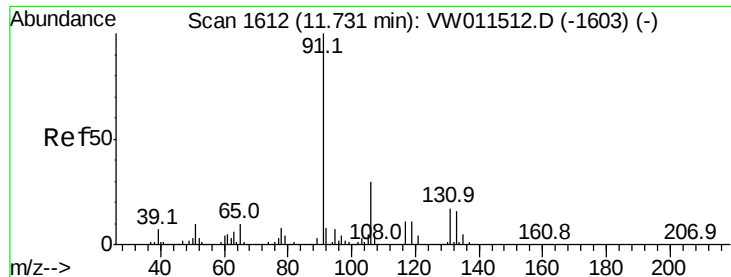
Tot Ion:112 Resp: 316039
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.861 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion:131 Resp: 112801
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 65.0 32.3 96.9

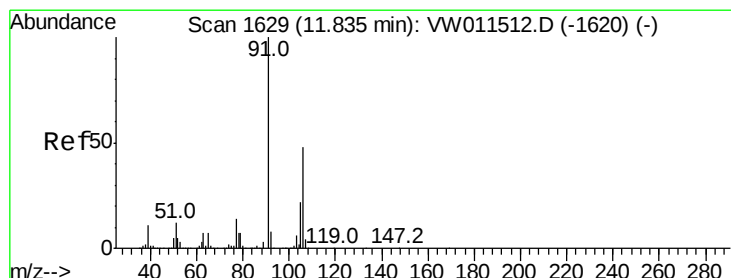
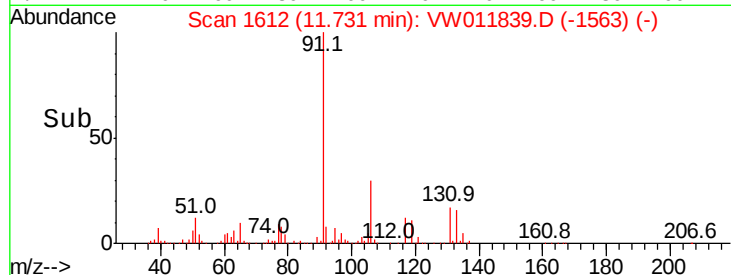
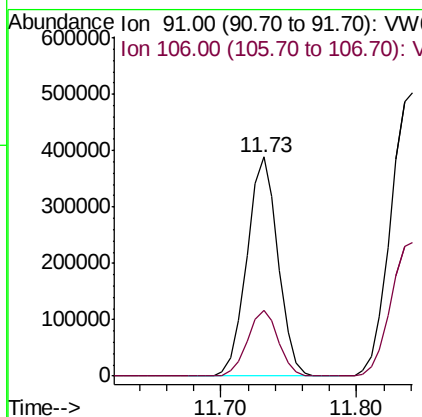
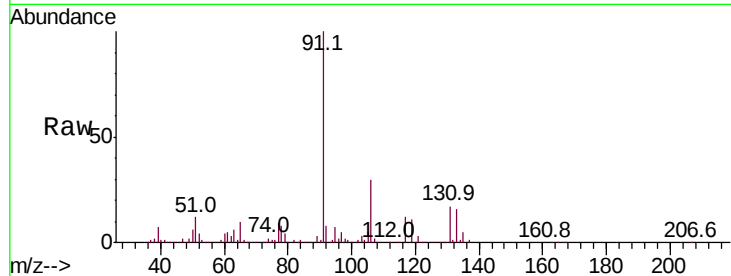




#67
Ethyl Benzene
Concen: 51.364 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

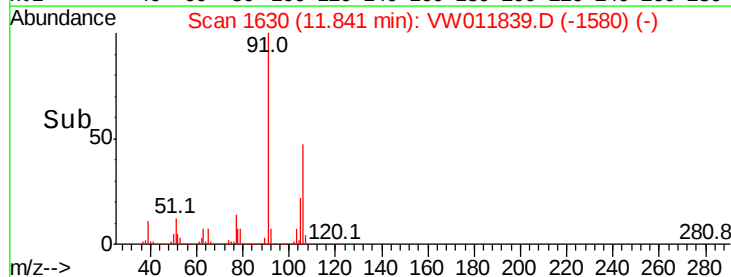
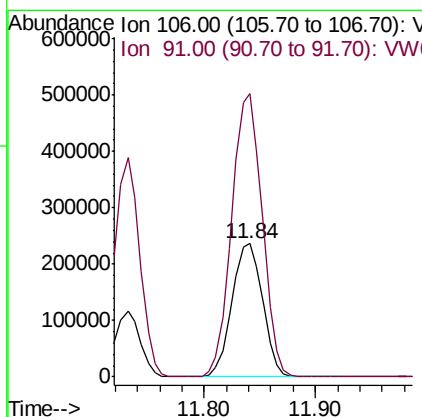
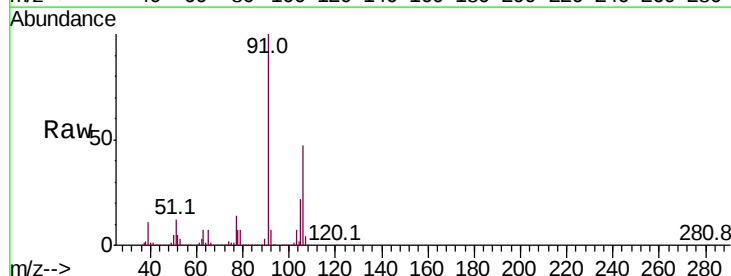
Instrument :
MSVOA_W
ClientSampleId :

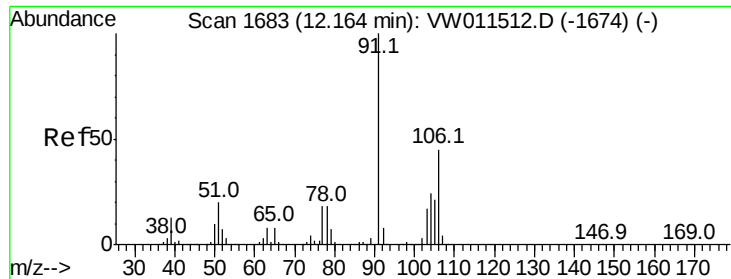
Tot Ion: 91 Resp: 622869
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 102.220 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion:106 Resp: 450796
Ion Ratio Lower Upper
106 100
91 210.5 168.2 252.2

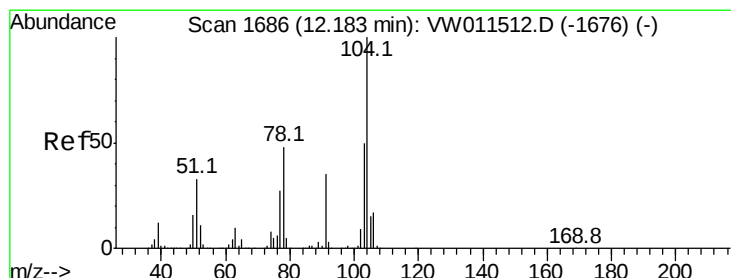
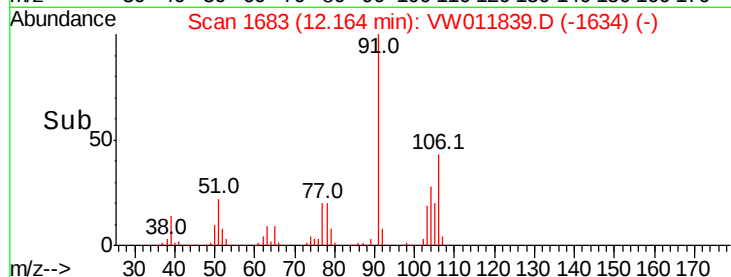
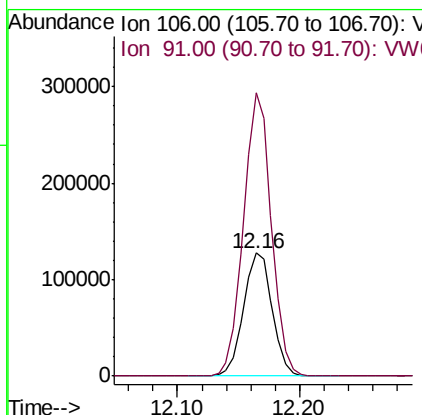
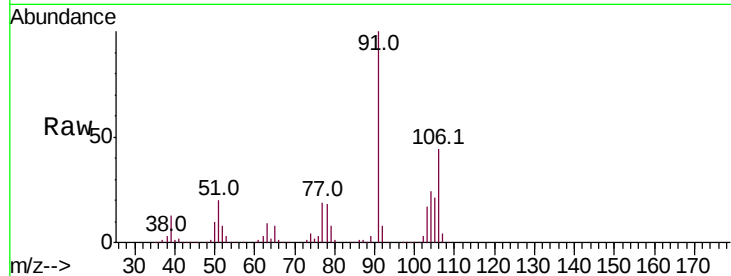




#69
o-Xylene
Concen: 50.515 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

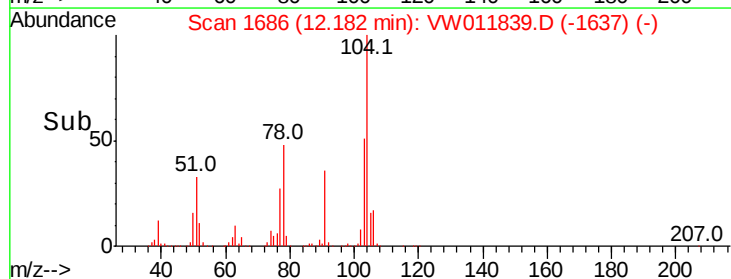
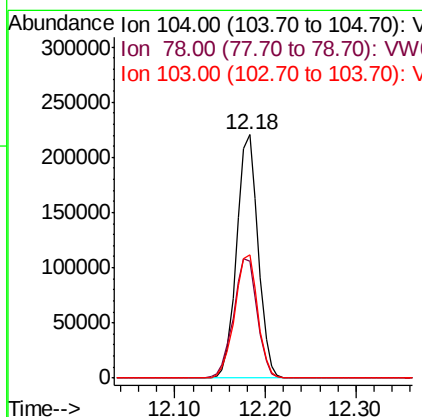
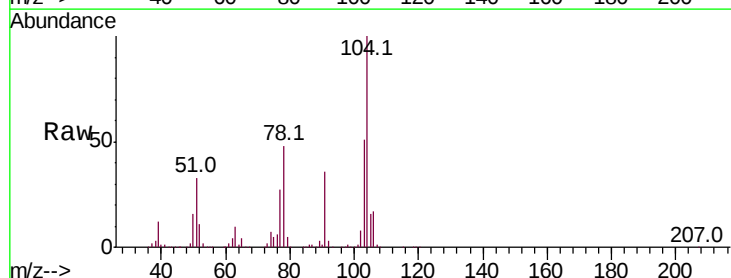
Instrument :
MSVOA_W
ClientSampleId :

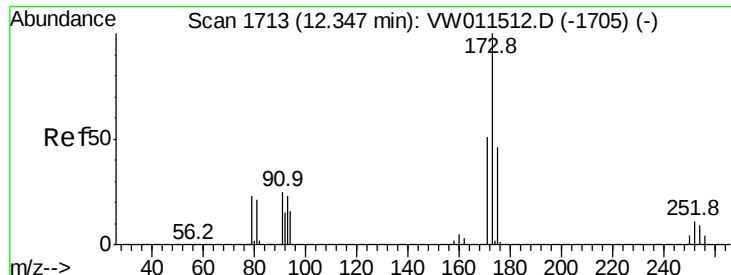
Tot Ion:106 Resp: 207015
Ion Ratio Lower Upper
106 100
91 223.7 110.5 331.5



#70
Styrene
Concen: 50.921 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion:104 Resp: 360807
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.0
103 54.7 43.9 65.9





#71

Bromoform

Concen: 49.841 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

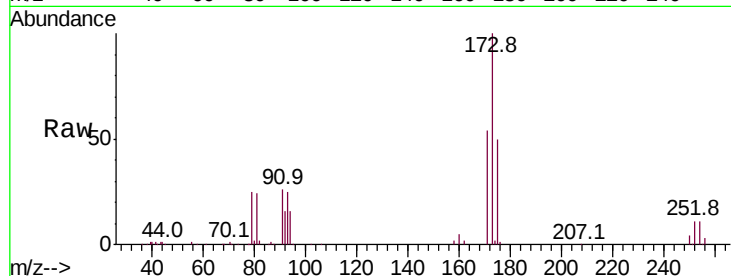
Tot Ion:173 Resp: 56359

Ion Ratio Lower Upper

173 100

175 49.9 23.6 71.0

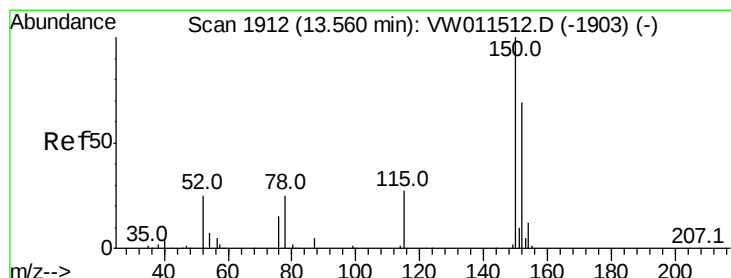
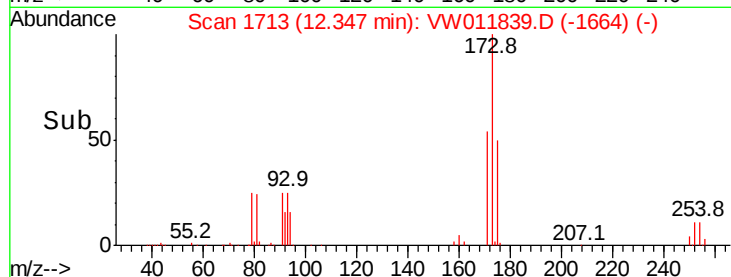
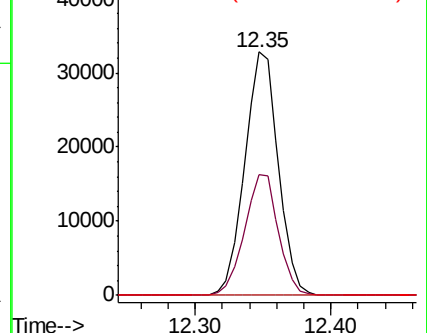
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

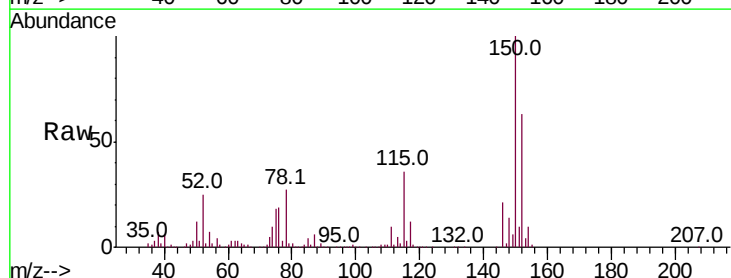
Tgt Ion:152 Resp: 153551

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

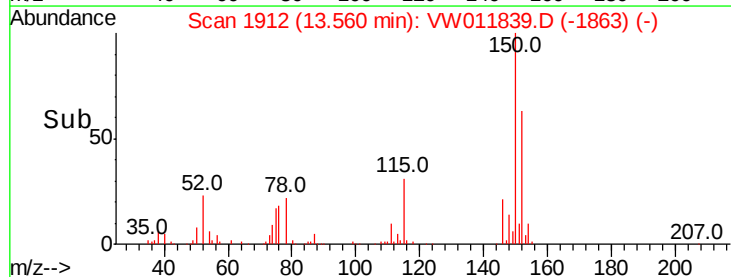
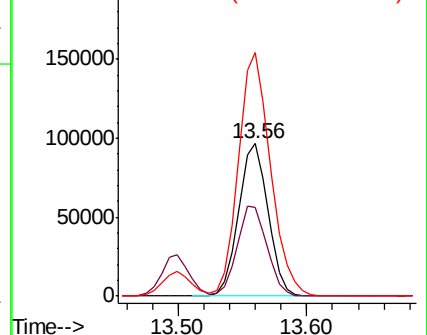
150 173.3 0.0 352.6

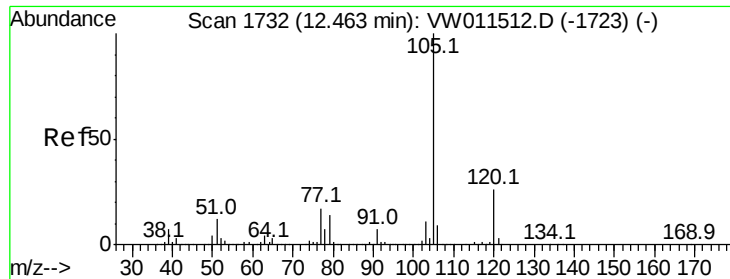


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.046 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

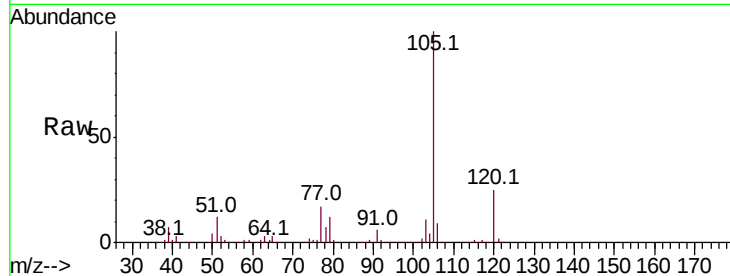
ClientSampleId :

Tot Ion:105 Resp: 584746

Ion Ratio Lower Upper

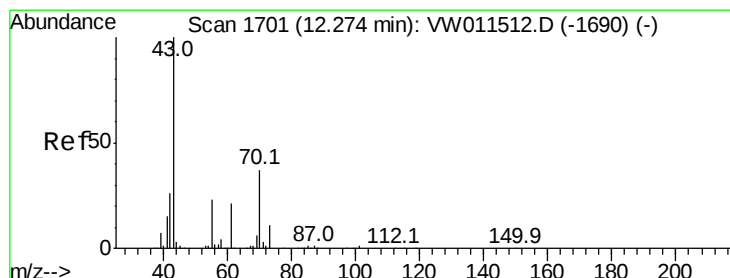
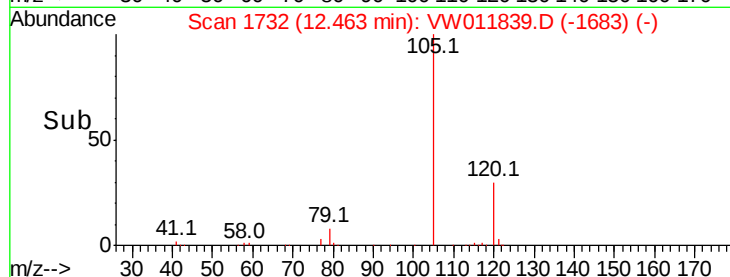
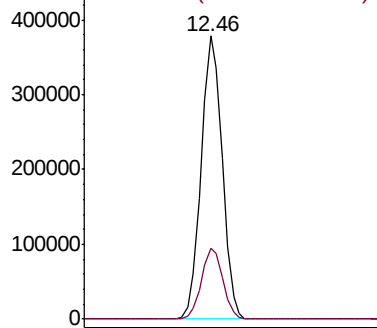
105 100

120 25.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.202 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Tgt Ion: 43 Resp: 169285

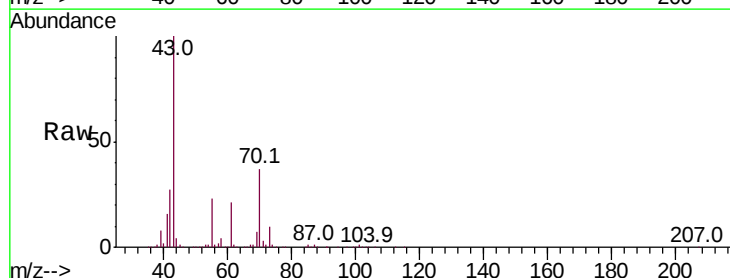
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 23.4 17.8 26.8

61 21.3 17.0 25.6

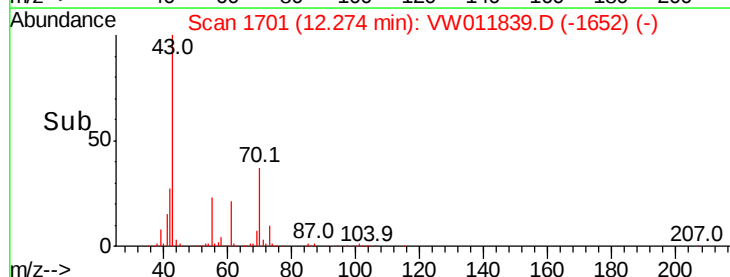
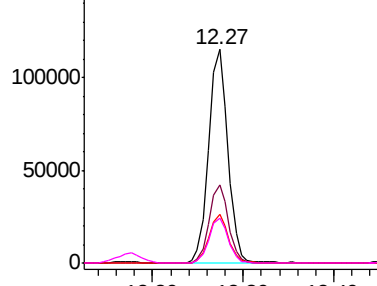


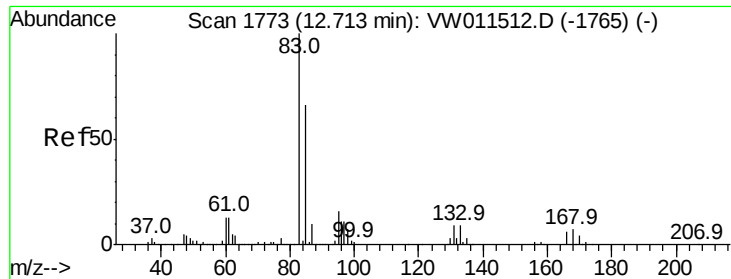
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 47.539 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

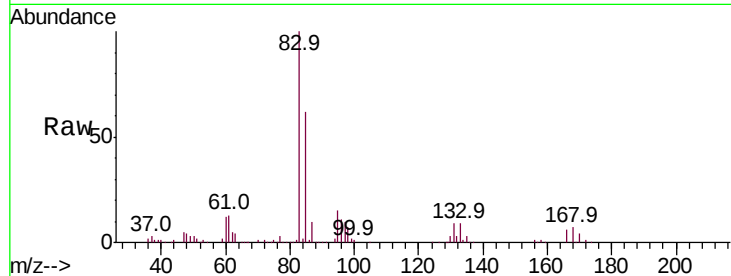
Tot Ion: 83 Resp: 102433

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.6

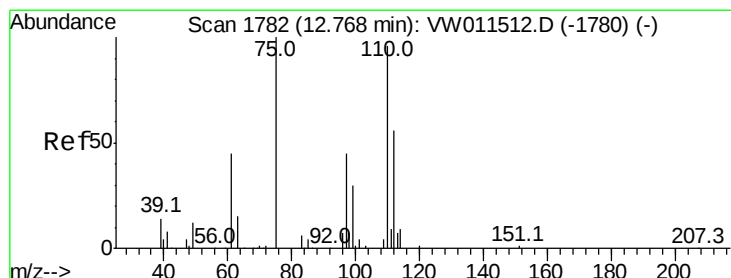
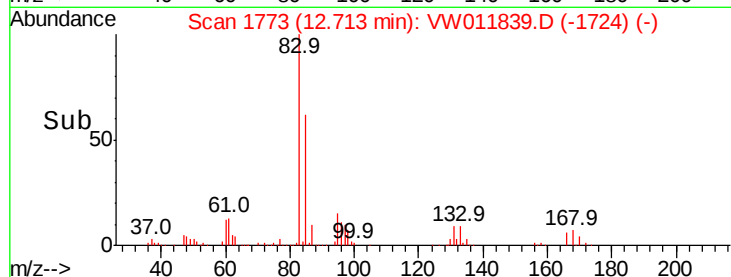
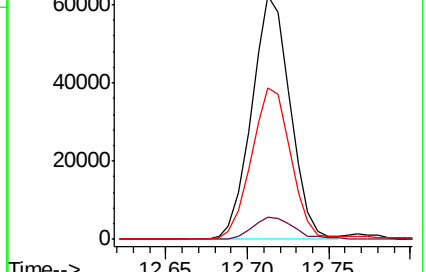
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 85.773 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011839.D

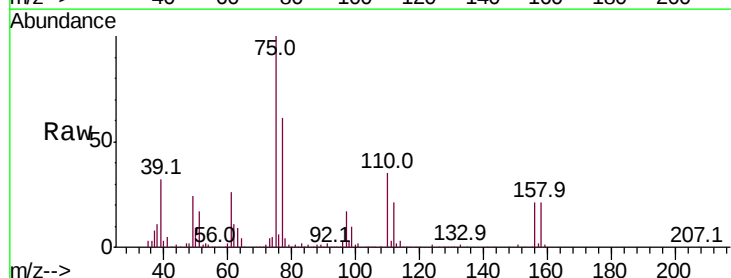
Acq: 12 Aug 2019 09:19

Tgt Ion: 75 Resp: 139359

Ion Ratio Lower Upper

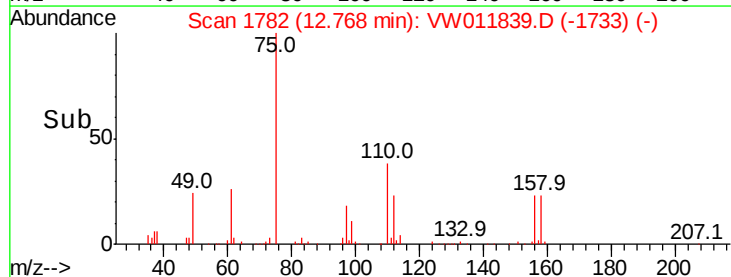
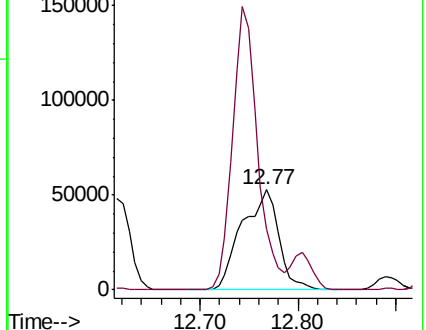
75 100

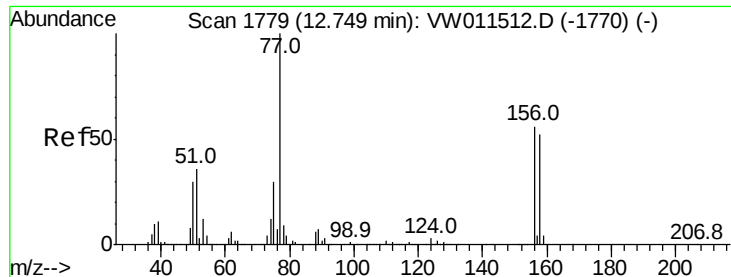
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.732 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

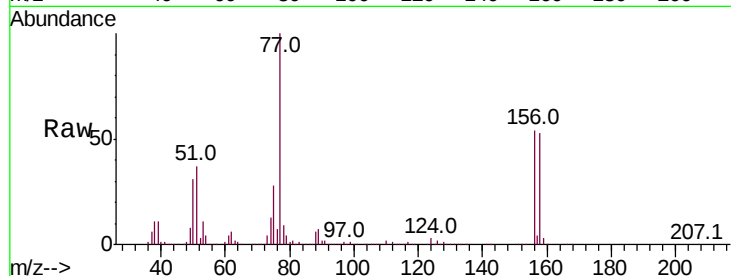
Tot Ion:156 Resp: 125920

Ion Ratio Lower Upper

156 100

77 212.4 106.5 319.4

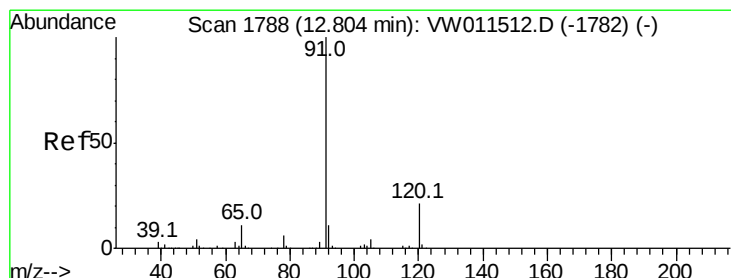
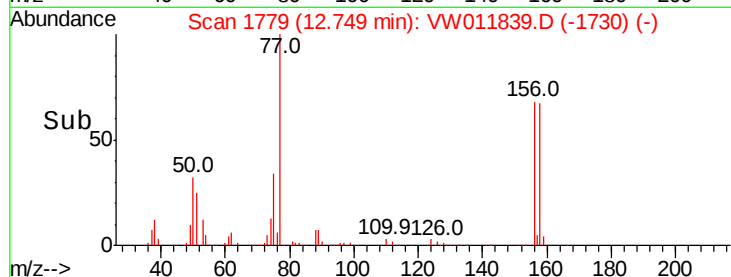
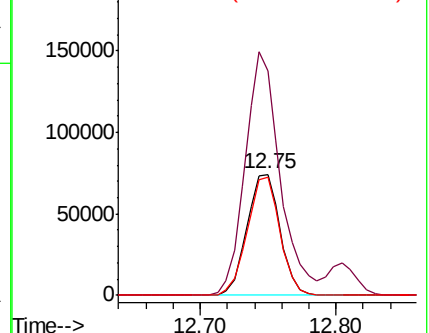
158 96.4 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.348 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011839.D

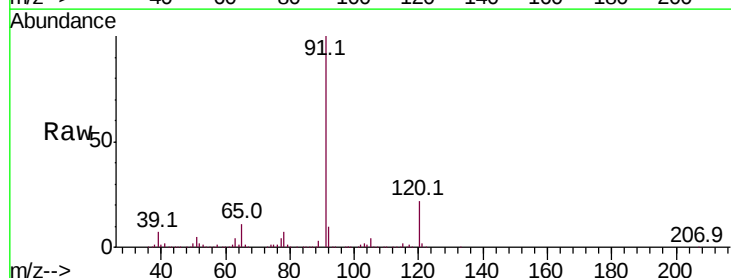
Acq: 12 Aug 2019 09:19

Tgt Ion: 91 Resp: 715848

Ion Ratio Lower Upper

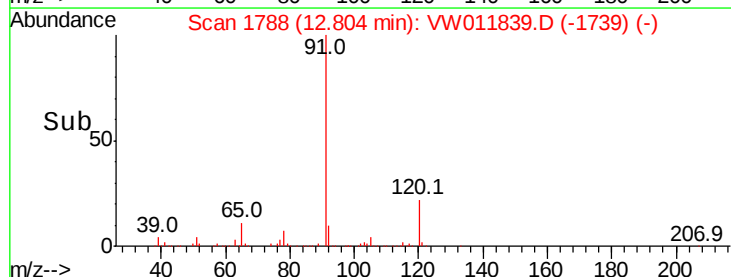
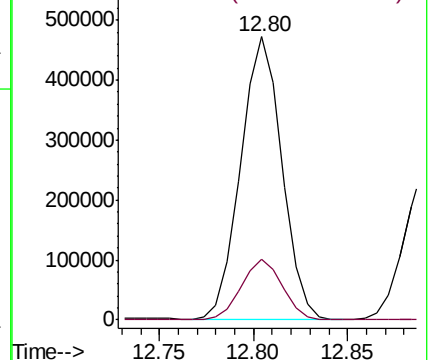
91 100

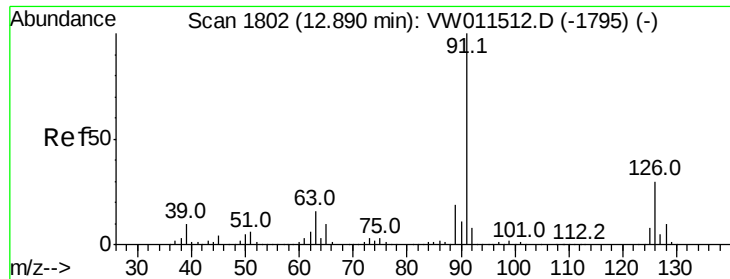
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

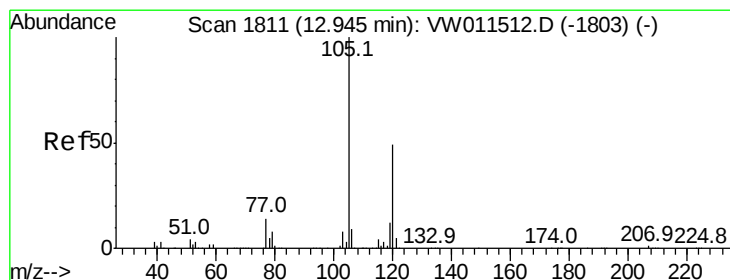
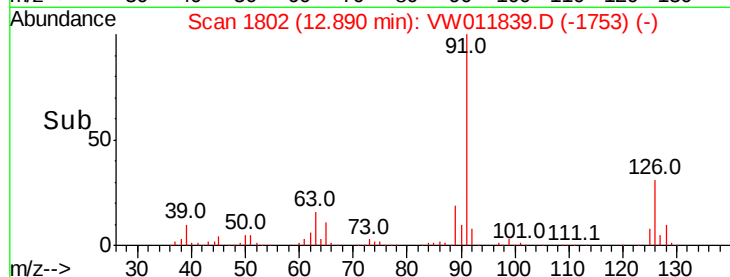
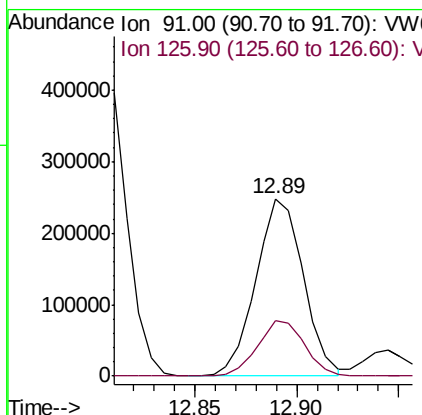
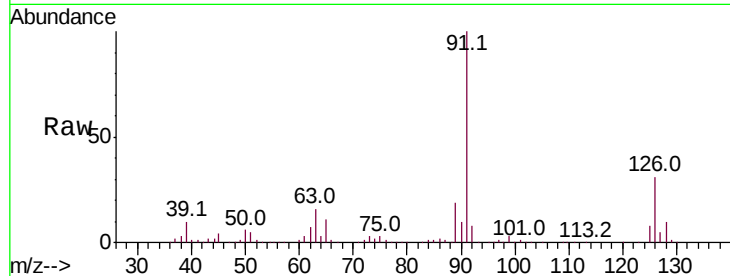




#79
2-Chlorotoluene
Concen: 50.027 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

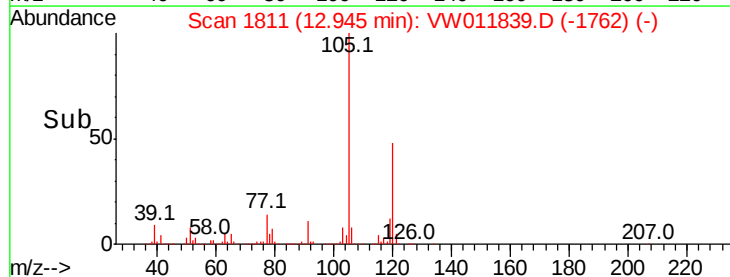
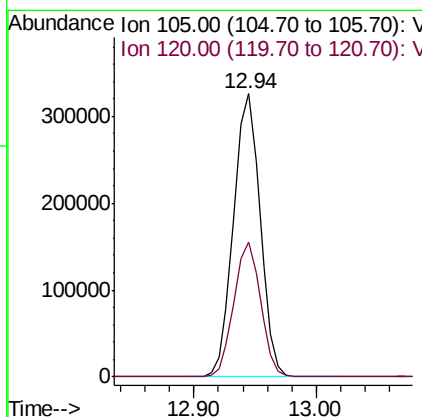
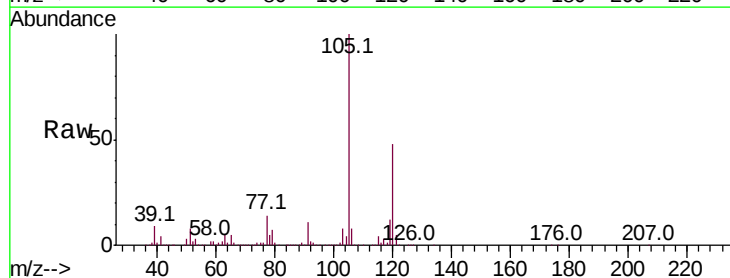
Instrument :
MSVOA_W
ClientSampled :

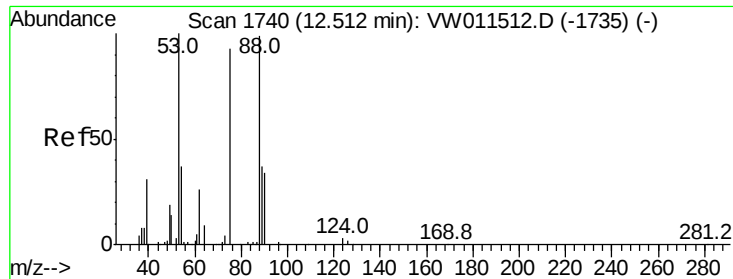
Tot Ion: 91 Resp: 401792
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 51.028 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion:105 Resp: 489995
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

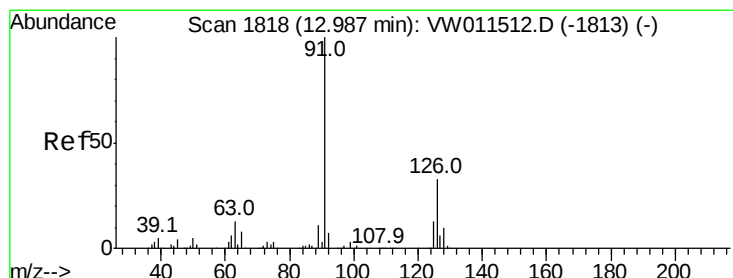
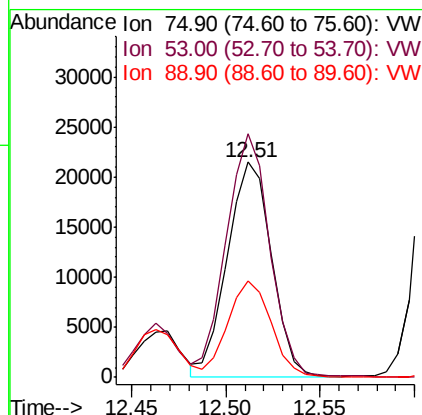
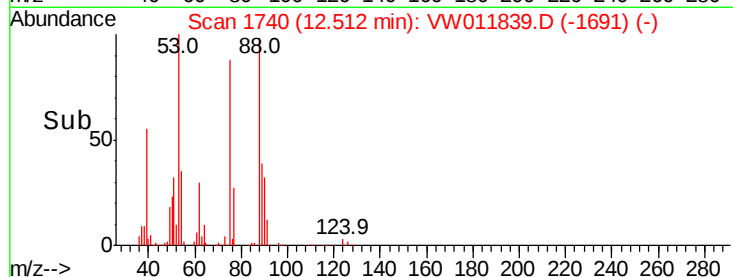
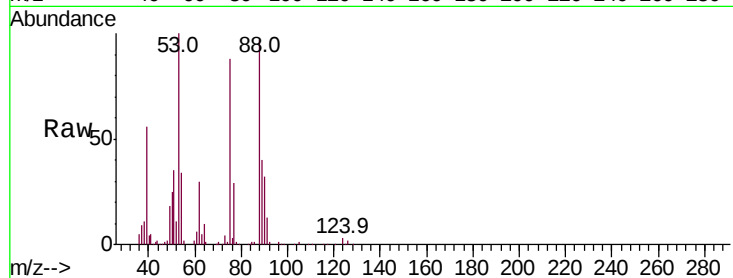




#81
trans-1,4-Dichloro-2-butene
Concen: 49.380 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

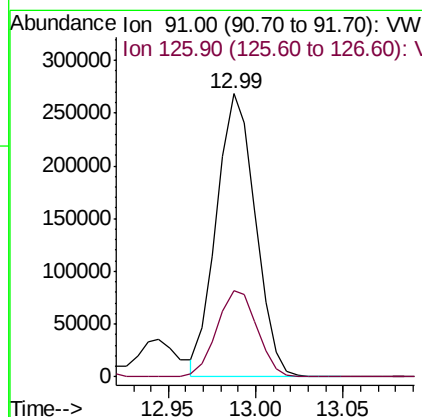
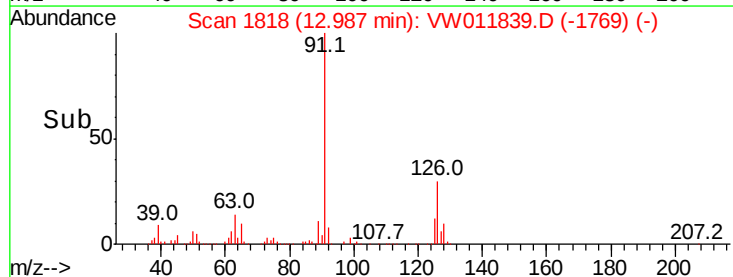
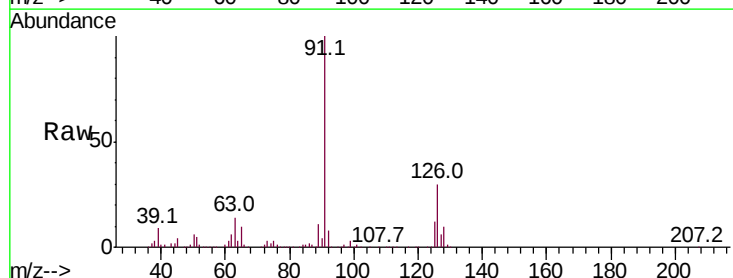
Instrument :
MSVOA_W
ClientSampleId :

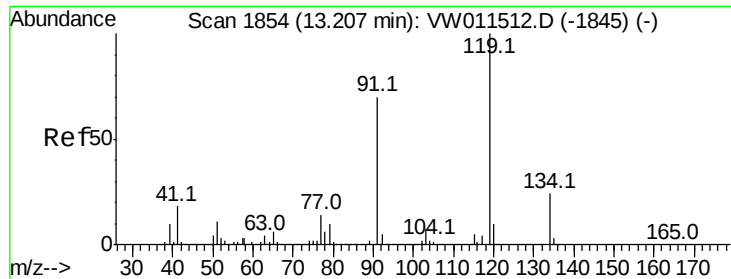
Tot Ion: 75 Resp: 34812
Ion Ratio Lower Upper
75 100
53 112.2 88.0 132.0
89 44.0 35.3 52.9



#82
4-Chlorotoluene
Concen: 49.338 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion: 91 Resp: 415759
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

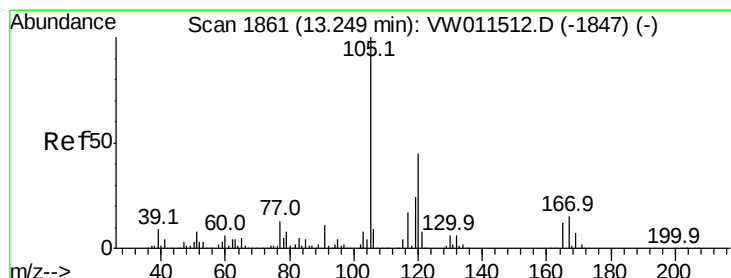
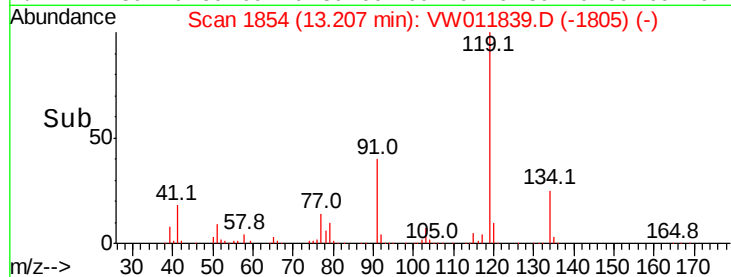
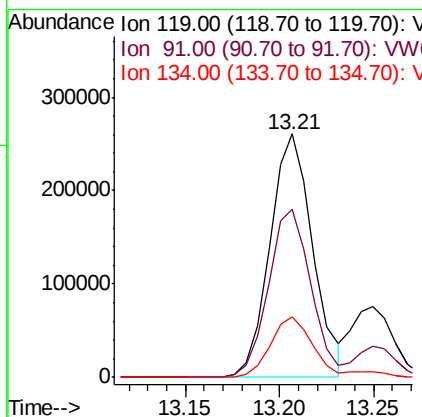
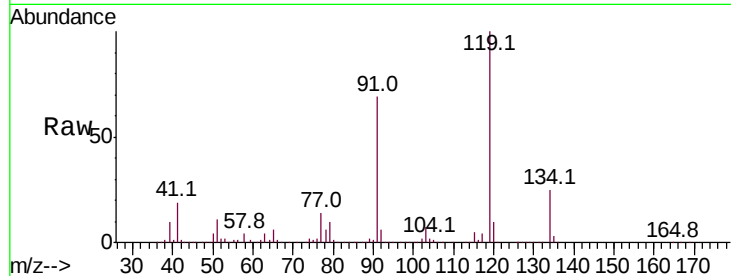




#83
 tert-Butylbenzene
 Concen: 51.019 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

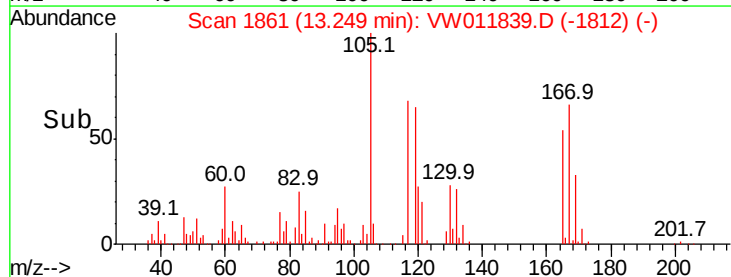
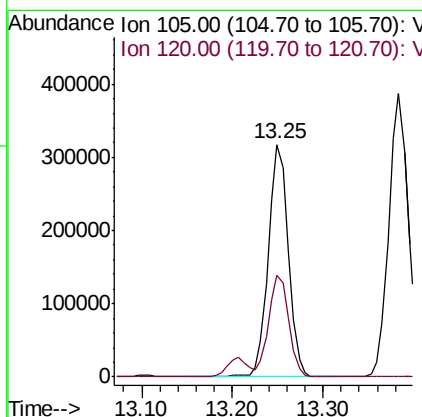
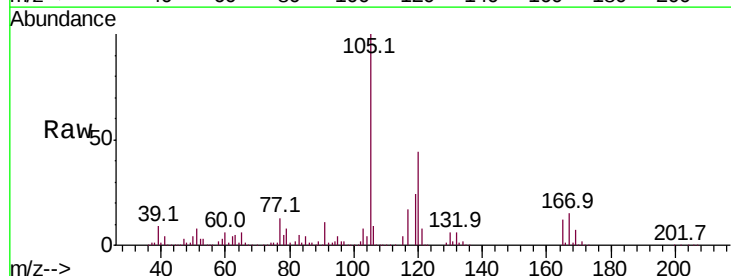
Instrument :
 MSVOA_W
 ClientSampleId :

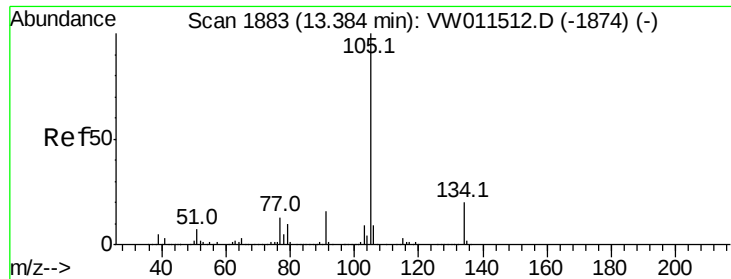
Tot Ion:119 Resp: 409677
 Ion Ratio Lower Upper
 119 100
 91 68.5 34.5 103.6
 134 24.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.148 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion:105 Resp: 485085
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5

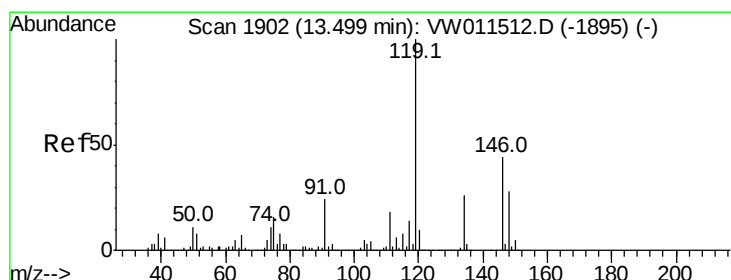
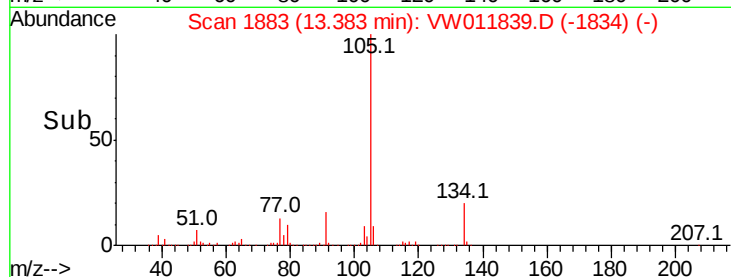
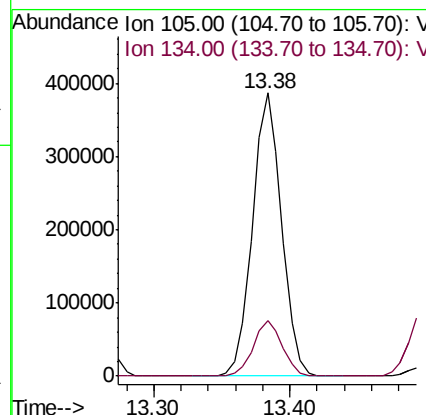
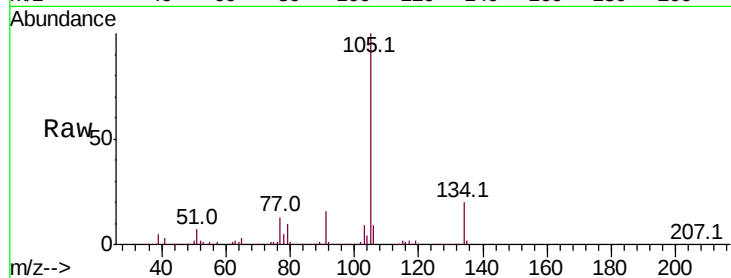




#85
 sec-Butylbenzene
 Concen: 50.529 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

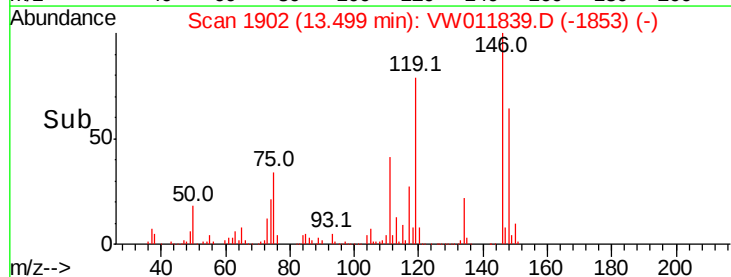
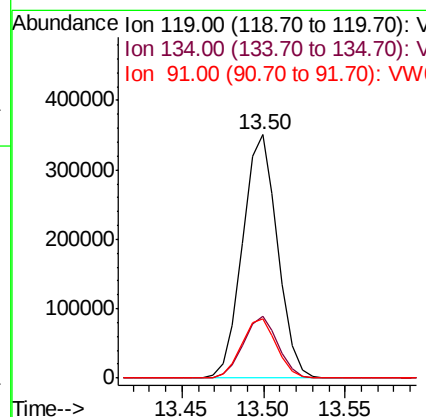
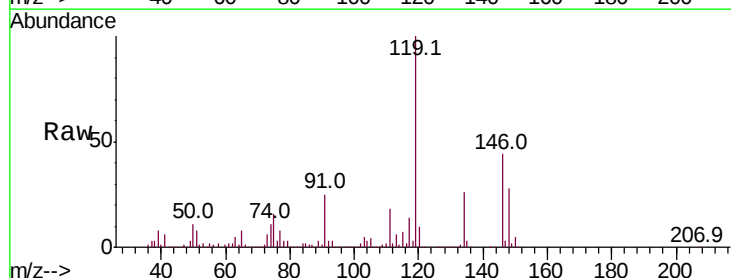
Instrument :
 MSVOA_W
 ClientSampleId :

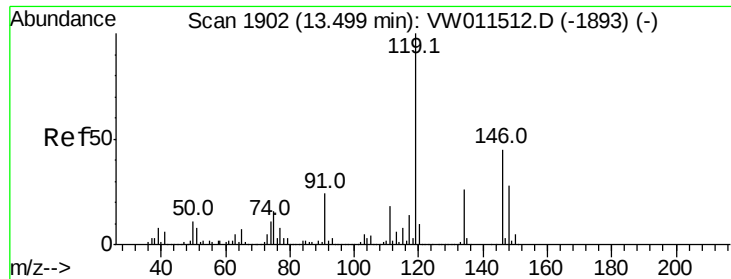
Tot Ion:105 Resp: 578951
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.155 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion:119 Resp: 521399
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 24.5 12.1 36.3

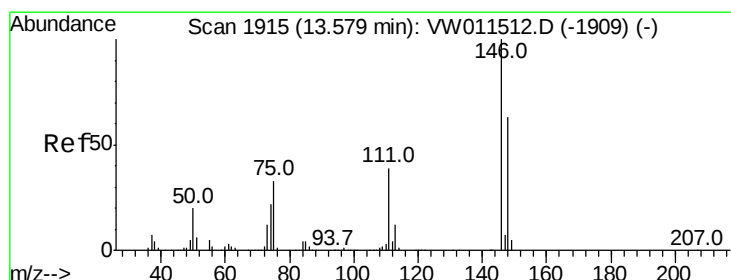
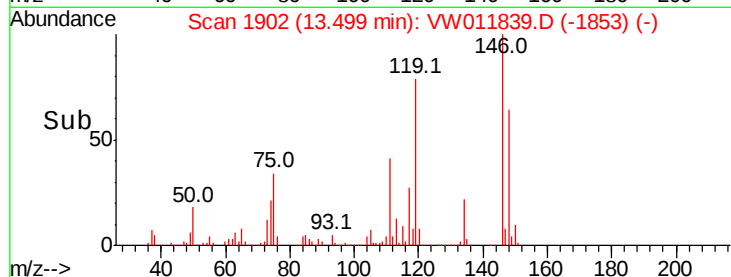
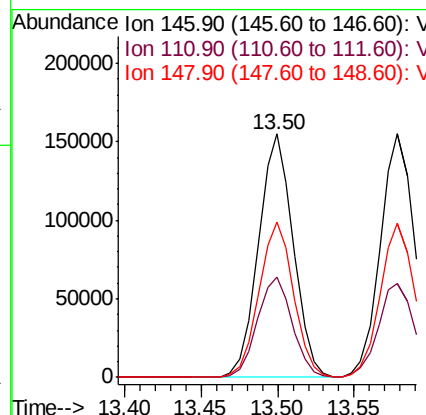
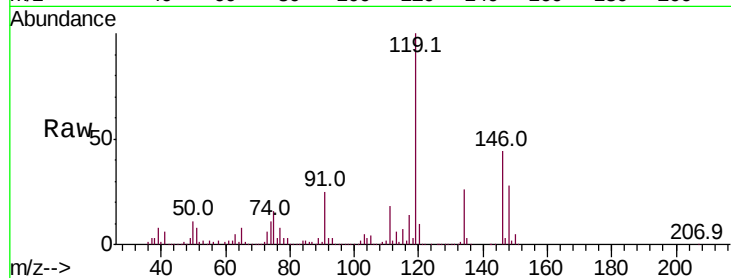




#87
 1,3-Dichlorobenzene
 Concen: 49.366 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

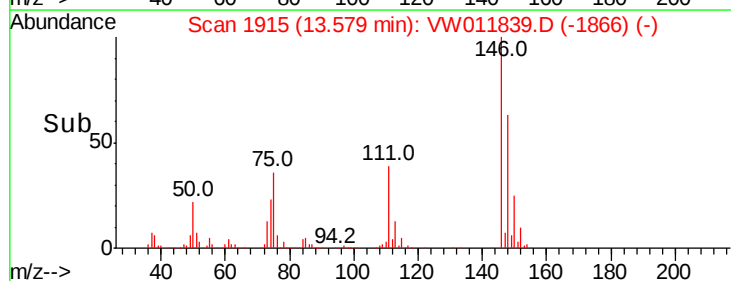
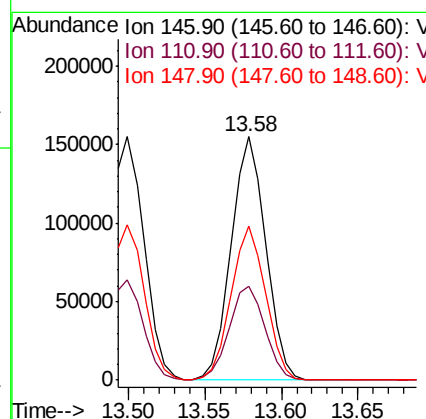
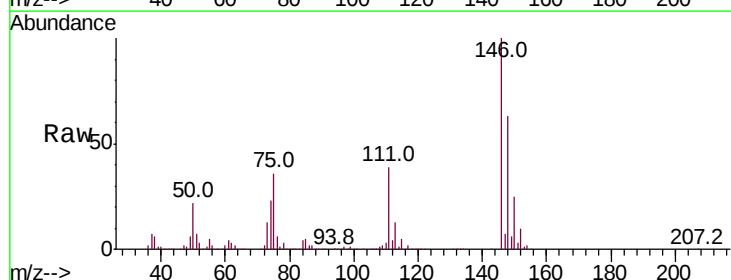
Instrument :
 MSVOA_W
 ClientSampleId :

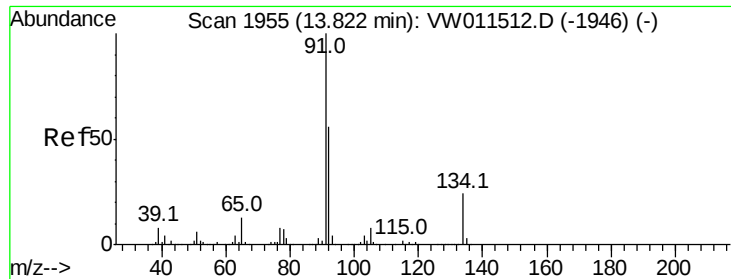
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	63.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.091 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.1	31.9	95.9





#89

n-Butylbenzene

Concen: 50.004 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011839.D

Acq: 12 Aug 2019 09:19

Instrument :

MSVOA_W

ClientSampleId :

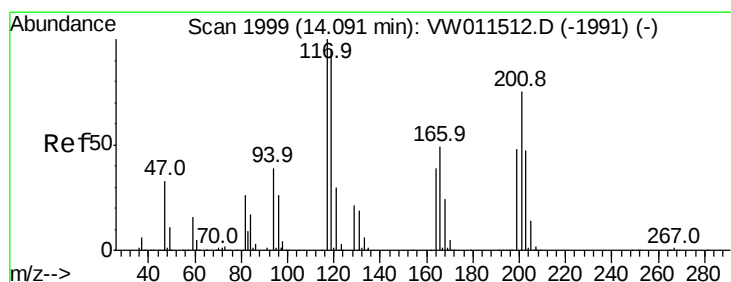
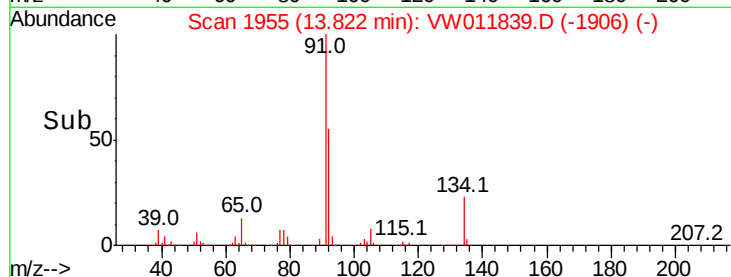
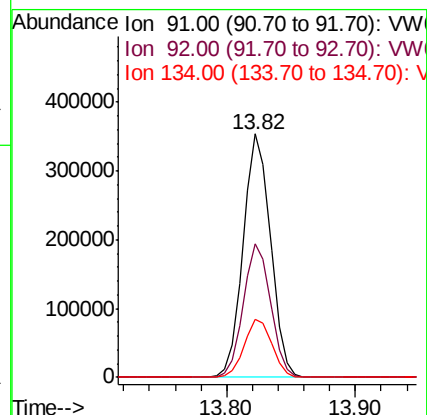
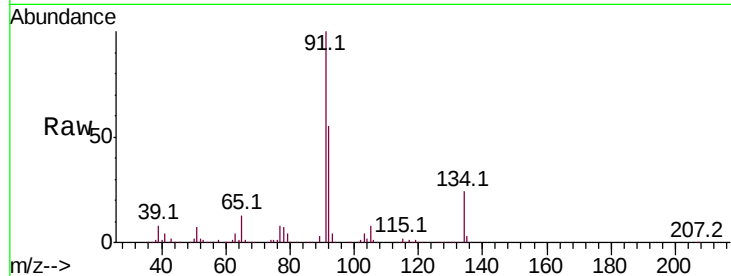
Tot Ion: 91 Resp: 518762

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

134 24.2 12.2 36.6



#90

Hexachloroethane

Concen: 51.508 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011839.D

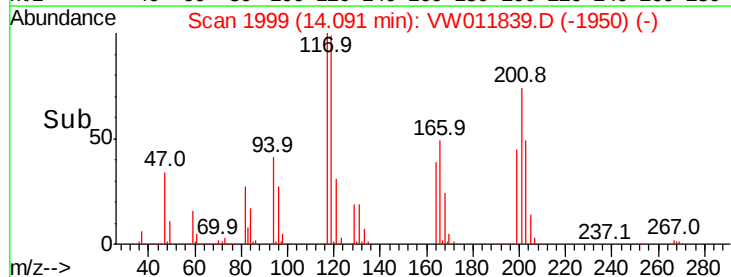
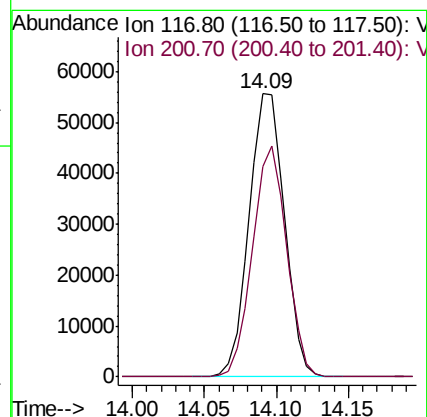
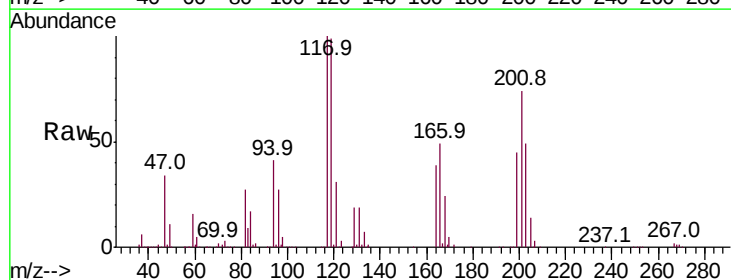
Acq: 12 Aug 2019 09:19

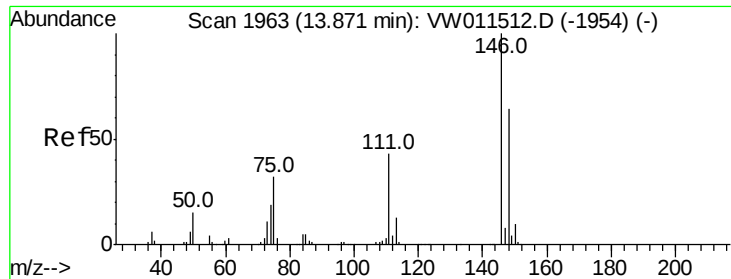
Tgt Ion: 117 Resp: 94685

Ion Ratio Lower Upper

117 100

201 78.4 39.4 118.2

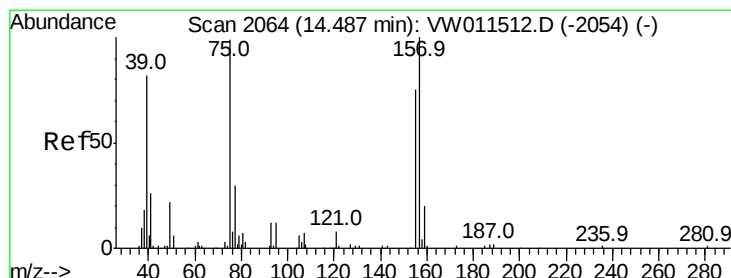
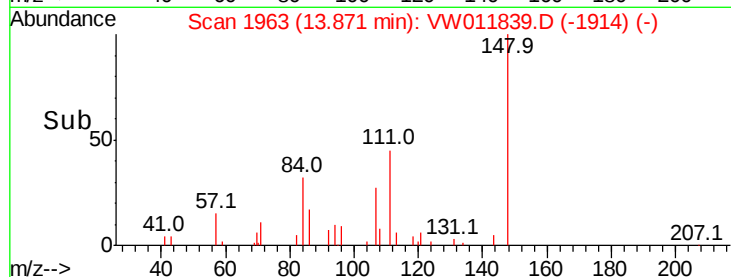
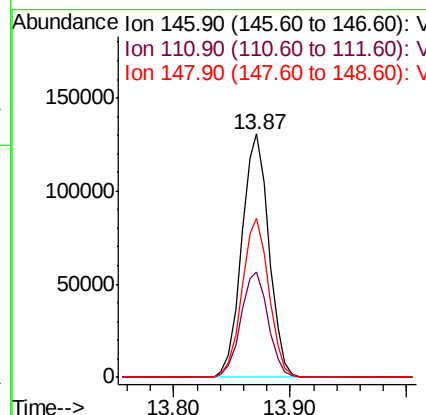
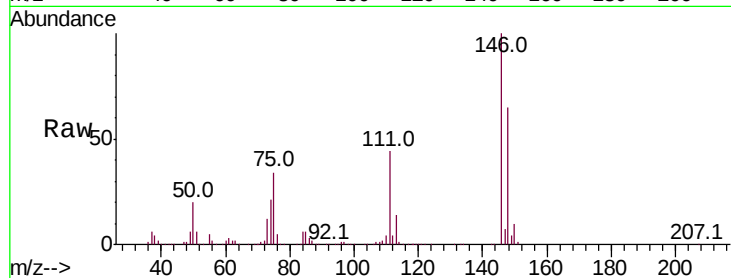




#91
 1,2-Dichlorobenzene
 Concen: 48.320 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

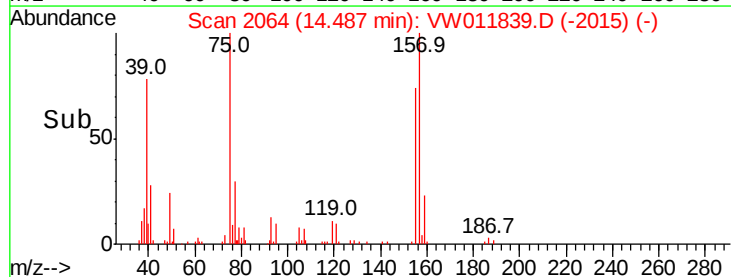
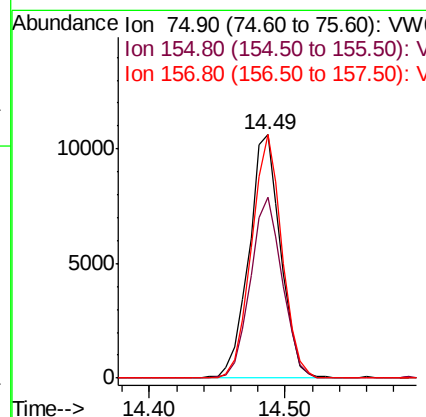
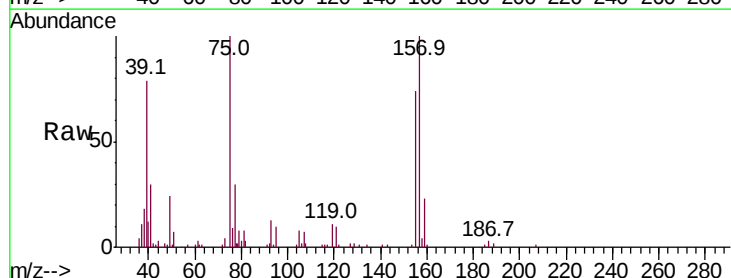
Instrument :
 MSVOA_W
 ClientSampleId :

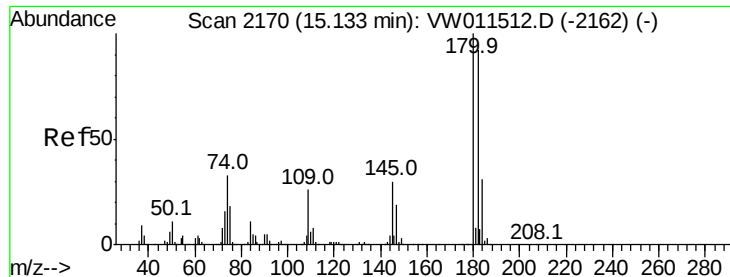
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	65.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.178 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	38.2	114.6
157	95.8	48.9	146.7

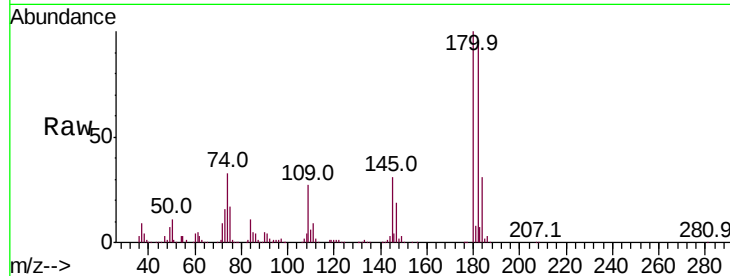




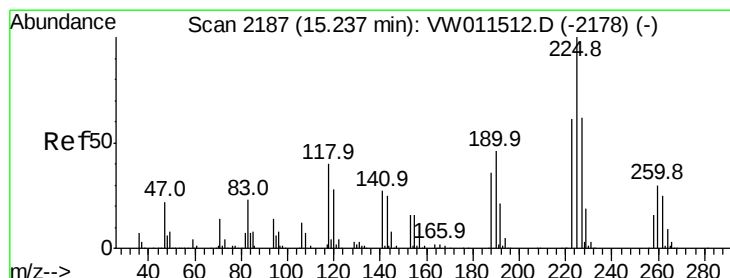
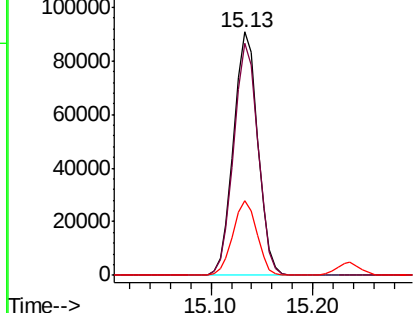
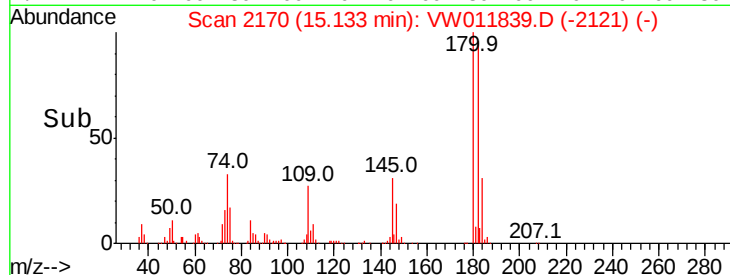
#93
 1,2,4-Trichlorobenzene
 Concen: 48.093 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	30.3	15.4	46.1

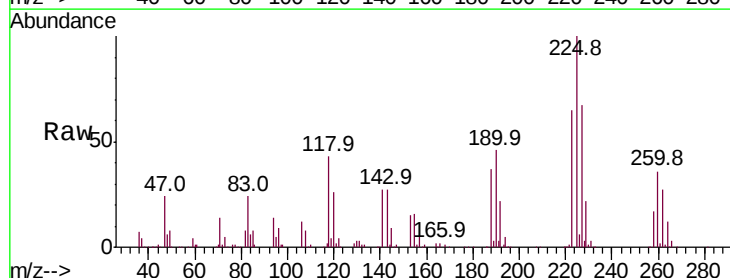


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

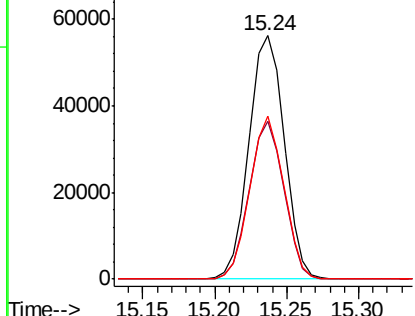
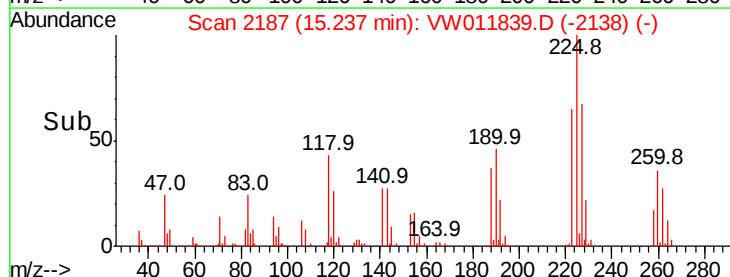


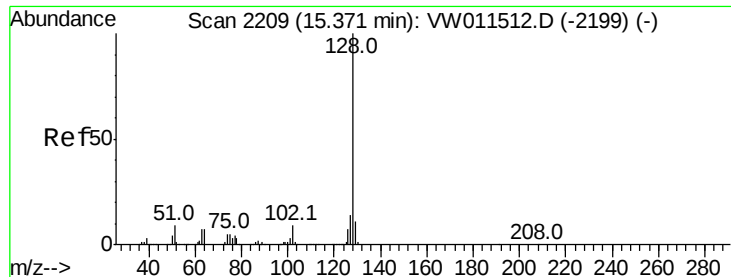
#94
 Hexachlorobutadiene
 Concen: 49.360 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011839.D
 Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.8	92.3
227	64.4	31.6	94.7



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

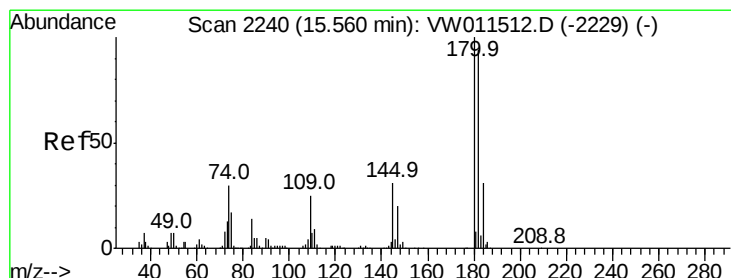
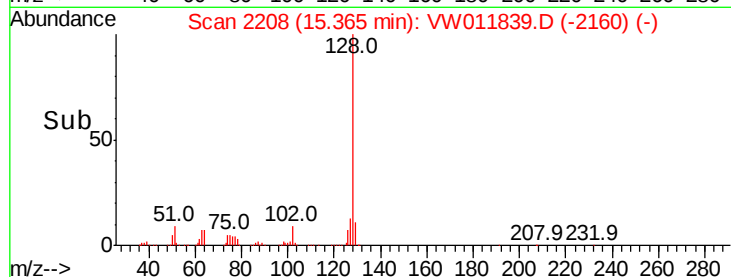
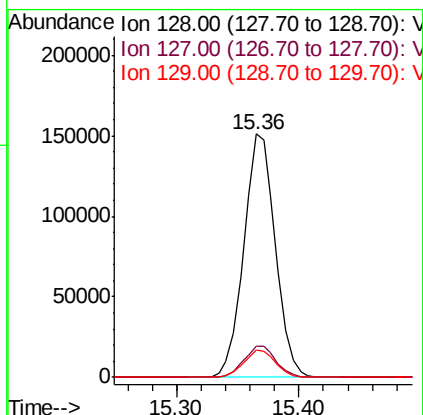
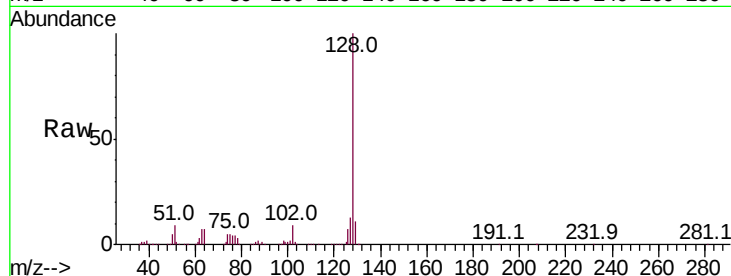




#95
Naphthalene
Concen: 44.693 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.924 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011839.D
Acq: 12 Aug 2019 09:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.2
145	31.4	15.9	47.7

