

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014498.D
 Acq On : 03 Jan 2020 14:48
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 03 15:20:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	841643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1246785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1074877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	539902	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	371565	57.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	115.20%	
35) Dibromofluoromethane	7.88	113	360447	52.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.66%	
50) Toluene-d8	10.32	98	1490414	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	506928	53.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	224685	49.305	ug/l	100
3) Chloromethane	2.21	50	248584	50.654	ug/l	100
4) Vinyl Chloride	2.36	62	407779	54.980	ug/l	100
5) Bromomethane	2.77	94	253642	52.397	ug/l	100
6) Chloroethane	2.92	64	239092	53.777	ug/l	100
7) Trichlorofluoromethane	3.25	101	211190	47.185	ug/l	100
8) Diethyl Ether	3.67	74	214018	56.984	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	392612	52.880	ug/l	100
10) Methyl Iodide	4.27	142	597962	50.092	ug/l	100
11) Tert butyl alcohol	5.16	59	153406	363.169	ug/l	100
12) 1,1-Dichloroethene	4.04	96	412956	53.724	ug/l	100
13) Acrolein	3.89	56	172923	363.610	ug/l	100
14) Allyl chloride	4.66	41	641738	54.230	ug/l	100
15) Acrylonitrile	5.36	53	524205	329.145	ug/l	100
16) Acetone	4.12	43	532381	364.051	ug/l	100
17) Carbon Disulfide	4.39	76	1246149	56.023	ug/l	100
18) Methyl Acetate	4.67	43	265830	66.459	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	537383	57.408	ug/l	100
20) Methylene Chloride	4.91	84	425279	49.344	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	440280	53.395	ug/l	100
22) Diisopropyl ether	6.31	45	1201873	55.511	ug/l	100
23) Vinyl Acetate	6.25	43	3856760	301.101	ug/l	100
24) 1,1-Dichloroethane	6.21	63	744779	54.463	ug/l	100
25) 2-Butanone	7.17	43	723950	345.506	ug/l	100
26) 2,2-Dichloropropane	7.17	77	393134	50.129	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462452	52.898	ug/l	100
28) Bromochloromethane	7.51	49	297802	64.917	ug/l	100
29) Tetrahydrofuran	7.52	42	447714	344.731	ug/l	100
30) Chloroform	7.67	83	695935	51.817	ug/l	100
31) Cyclohexane	7.95	56	743727	52.012	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	564328	53.349	ug/l	100
36) 1,1-Dichloropropene	8.08	75	602666	51.540	ug/l	100
37) Ethyl Acetate	7.24	43	296080	62.465	ug/l	100
38) Carbon Tetrachloride	8.07	117	521664	49.848	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	773247	51.448	ug/l	100
40) Benzene	8.32	78	1689536	51.132	ug/l	100
41) Methacrylonitrile	7.48	41	163830	56.501	ug/l	100
42) 1,2-Dichloroethane	8.40	62	445546	53.066	ug/l	100
43) Isopropyl Acetate	8.42	43	530495	59.659	ug/l	100
44) Trichloroethene	9.09	130	453146	48.446	ug/l	100
45) 1,2-Dichloropropane	9.37	63	417745	52.675	ug/l	100
46) Dibromomethane	9.46	93	212954	54.733	ug/l	100
47) Bromodichloromethane	9.64	83	517451	52.131	ug/l	100
48) Methyl methacrylate	9.43	41	263832	60.086	ug/l	100
49) 1,4-Dioxane	9.44	88	86309	1393.446	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1414836	315.002	ug/l	100
52) Toluene	10.38	92	1076756	50.727	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	549482	54.297	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	662119	53.237	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	310062	53.536	ug/l	100
56) Ethyl methacrylate	10.64	69	431656	58.760	ug/l	100
57) 1,3-Dichloropropane	10.93	76	543133	54.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	650832	207.586	ug/l	100
59) 2-Hexanone	10.96	43	1000514	323.705	ug/l	100
60) Dibromochloromethane	11.13	129	350162	51.593	ug/l	100
61) 1,2-Dibromoethane	11.23	107	297768	54.263	ug/l	100
64) Tetrachloroethene	10.86	164	384322	47.233	ug/l	100
65) Chlorobenzene	11.66	112	1098824	49.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	376393	49.074	ug/l	100
67) Ethyl Benzene	11.73	91	2006806	50.425	ug/l	100
68) m/p-Xylenes	11.83	106	1533535	99.835	ug/l	100
69) o-Xylene	12.16	106	706966	50.065	ug/l	100
70) Styrene	12.18	104	1221970	50.482	ug/l	100
71) Bromoform	12.35	173	212921	52.107	ug/l #	100
73) Isopropylbenzene	12.46	105	1968096	50.680	ug/l	100
74) N-amyl acetate	12.27	43	477939	60.865	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	370335	58.091	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	470581	111.857	ug/l #	100
77) Bromobenzene	12.74	156	457088	49.427	ug/l	100
78) n-propylbenzene	12.80	91	2311957	51.334	ug/l	100
79) 2-Chlorotoluene	12.89	91	1300629	51.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1647709	50.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	124742	58.445	ug/l	100
82) 4-Chlorotoluene	12.99	91	1348011	50.847	ug/l	100
83) tert-Butylbenzene	13.21	119	1448644	49.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1643270	50.897	ug/l	100
85) sec-Butylbenzene	13.38	105	1995571	50.255	ug/l	100
86) p-Isopropyltoluene	13.49	119	1830321	49.641	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	881417	49.281	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	870880	48.918	ug/l	100
89) n-Butylbenzene	13.82	91	1722930	51.514	ug/l	100
90) Hexachloroethane	14.09	117	318699	49.778	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	772600	49.632	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	59924	61.206	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	554559	49.254	ug/l	100
94) Hexachlorobutadiene	15.23	225	348892	46.181	ug/l	100
95) Naphthalene	15.36	128	1030137	56.842	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	487358	50.055	ug/l	100

(#) = 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: VW014498.D

Acq: 03 Jan 2020 14:48

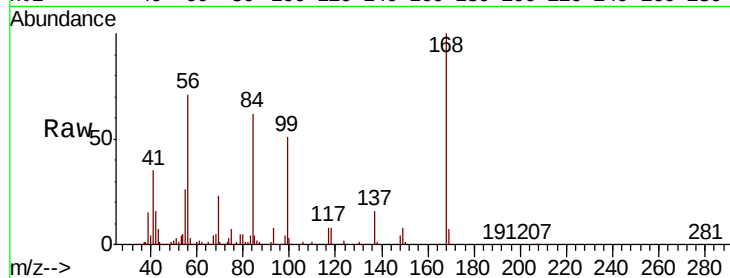
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 841643

Ion Ratio Lower Upper

168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

300000

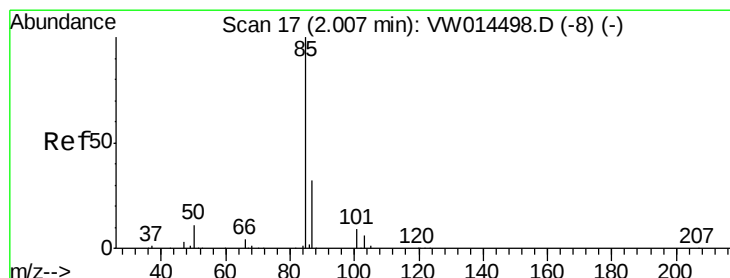
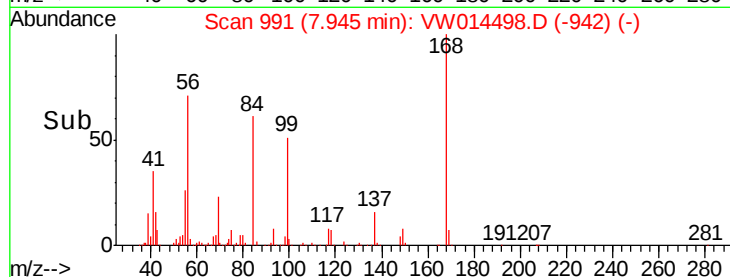
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.305 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014498.D

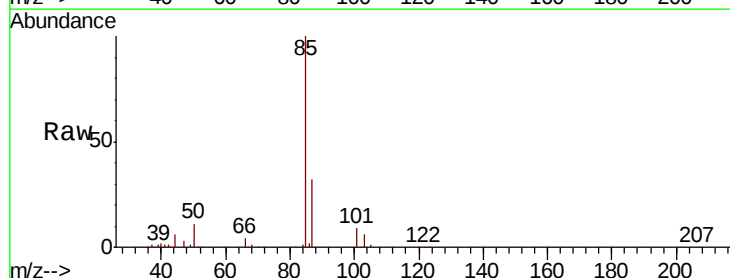
Acq: 03 Jan 2020 14:48

Tgt Ion: 85 Resp: 224685

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

60000

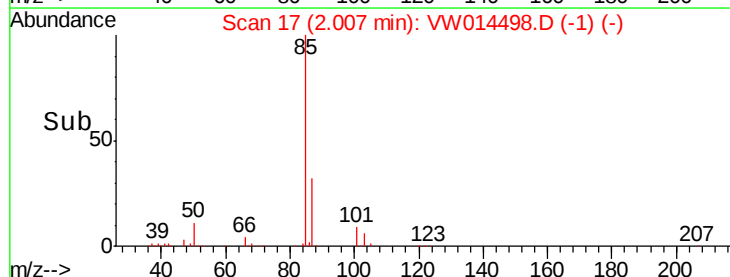
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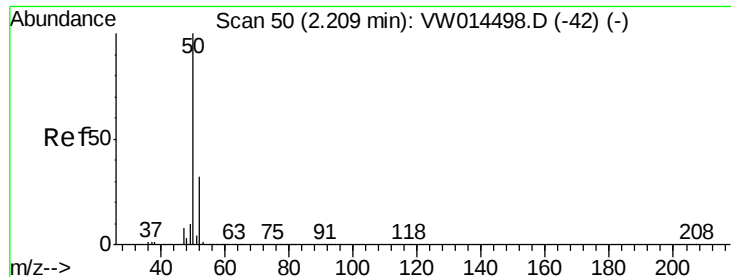
20000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 50.654 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

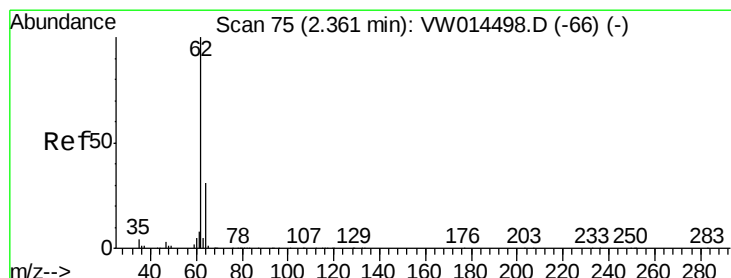
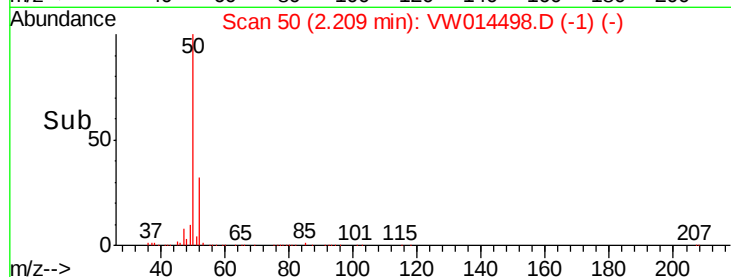
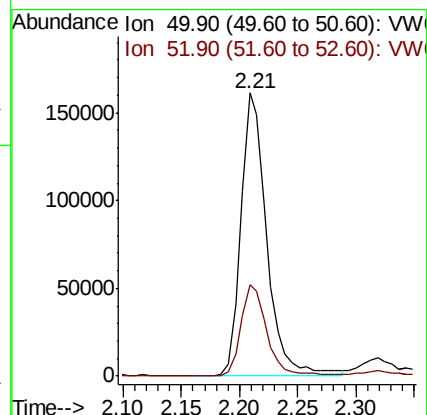
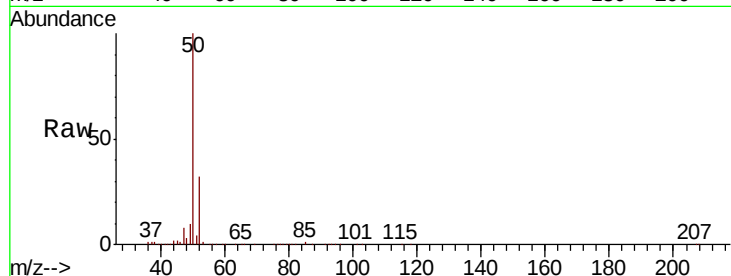
Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 248584

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.8	38.8



#4

Vinyl Chloride

Concen: 54.980 ug/l

RT: 2.36 min Scan# 75

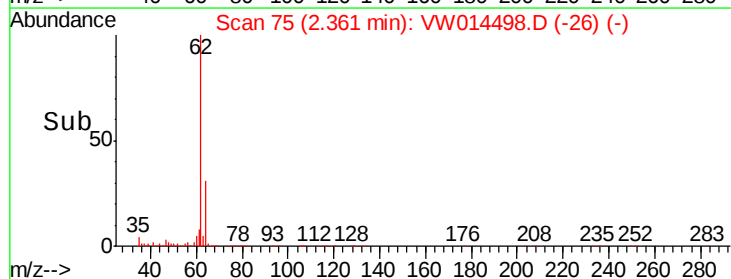
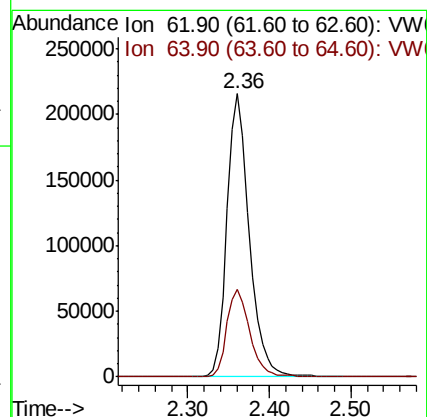
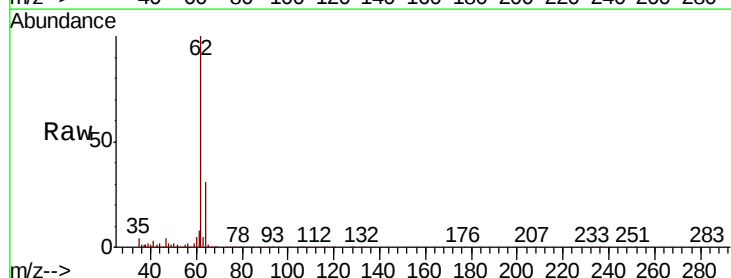
Delta R.T. 0.00 min

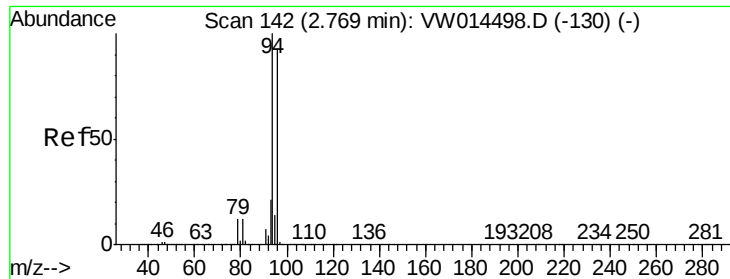
Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion: 62 Resp: 407779

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.0	37.4





#5

Bromomethane

Concen: 52.397 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

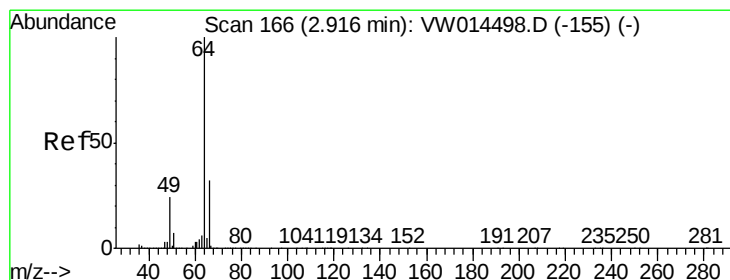
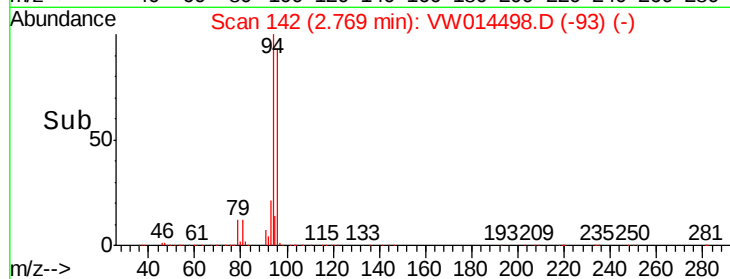
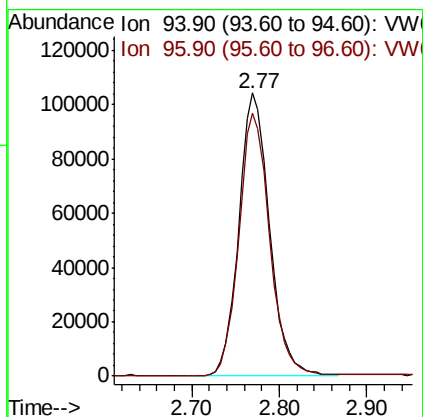
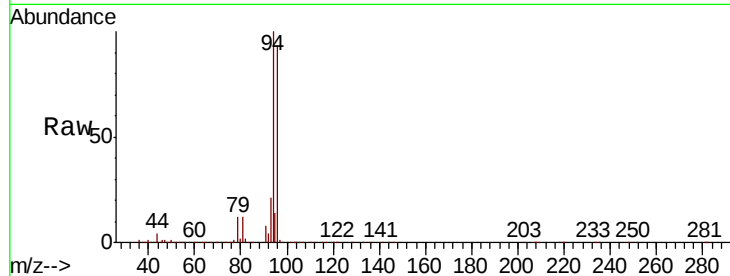
ClientSampleId :

Tot Ion: 94 Resp: 253642

Ion Ratio Lower Upper

94 100

96 92.7 74.2 111.2



#6

Chloroethane

Concen: 53.777 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014498.D

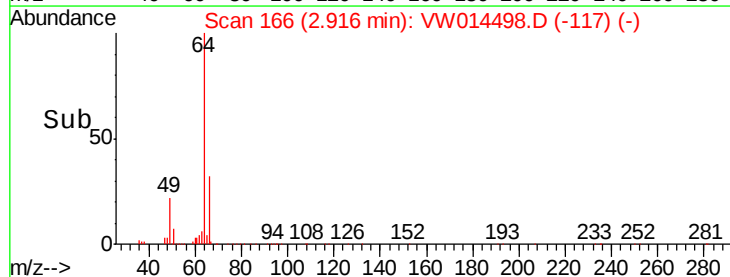
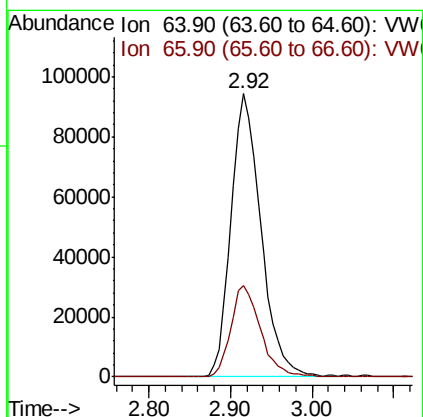
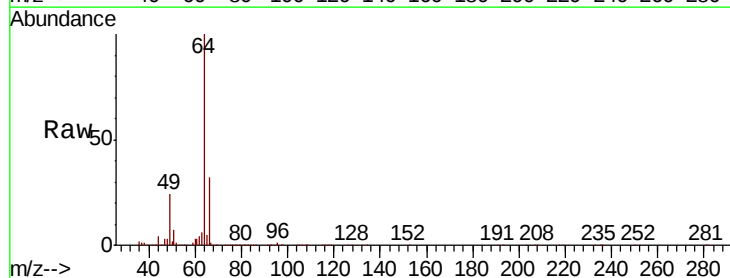
Acq: 03 Jan 2020 14:48

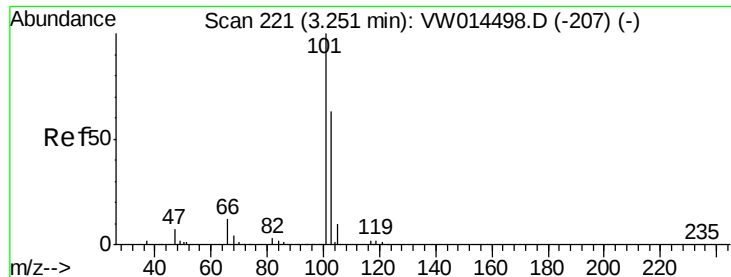
Tgt Ion: 64 Resp: 239092

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



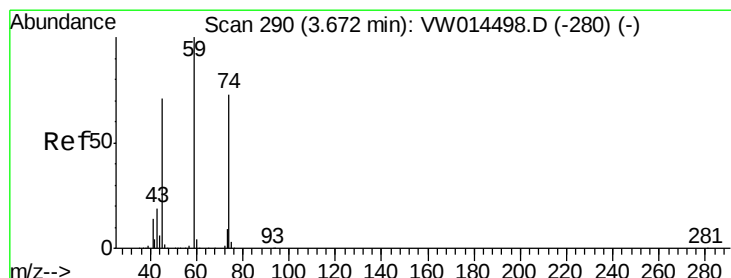
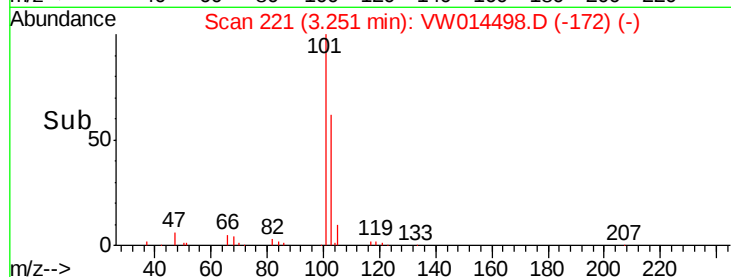
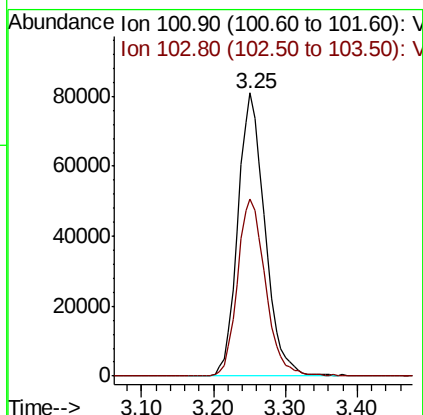
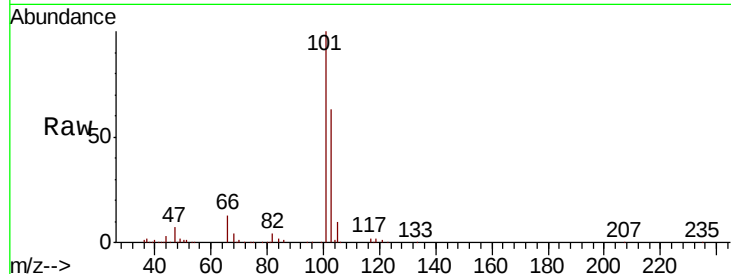


#7

Trichlorofluoromethane
Concen: 47.185 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014498.D
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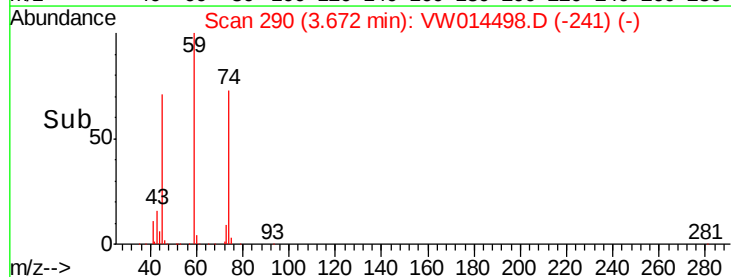
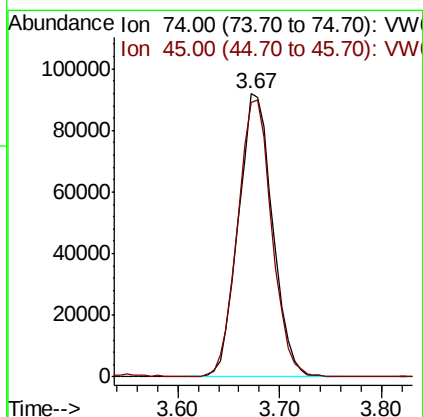
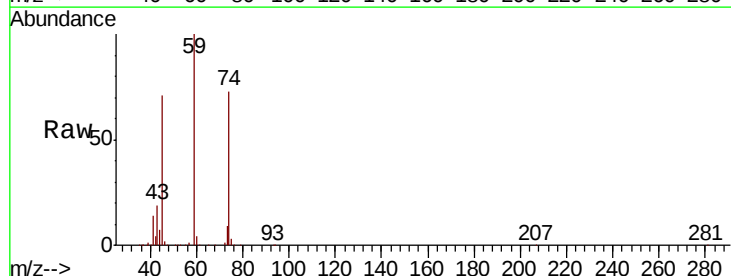
Tot Ion:101 Resp: 211190
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1



#8

Diethyl Ether
Concen: 56.984 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 74 Resp: 214018
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.880 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

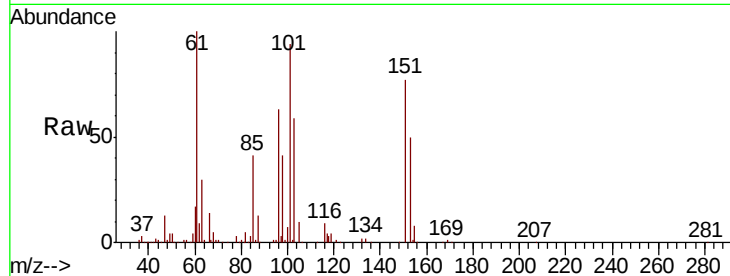
Tot Ion:101 Resp: 392612

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

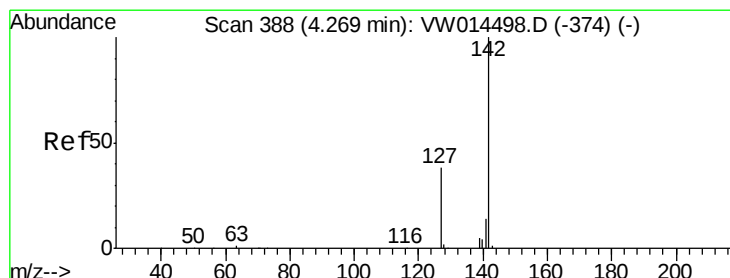
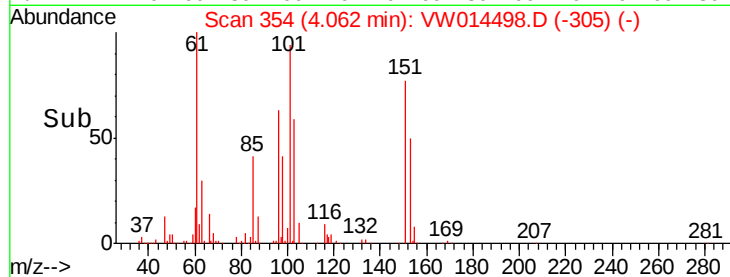
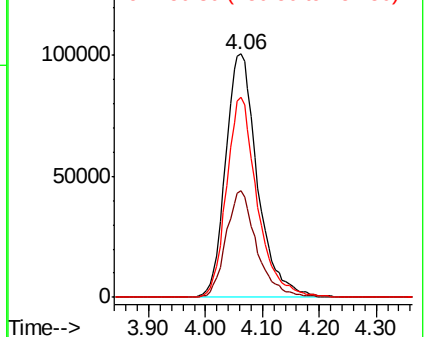
151 79.4 63.5 95.3



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: 50.092 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

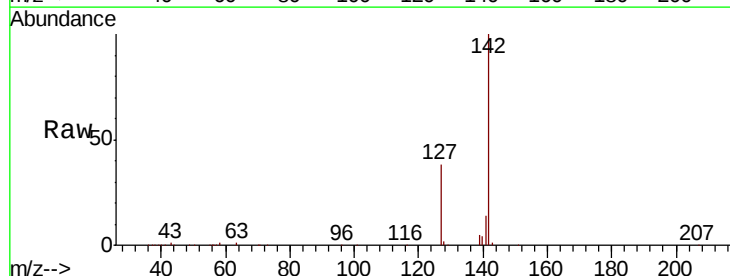
Tgt Ion:142 Resp: 597962

Ion Ratio Lower Upper

142 100

127 37.8 30.2 45.4

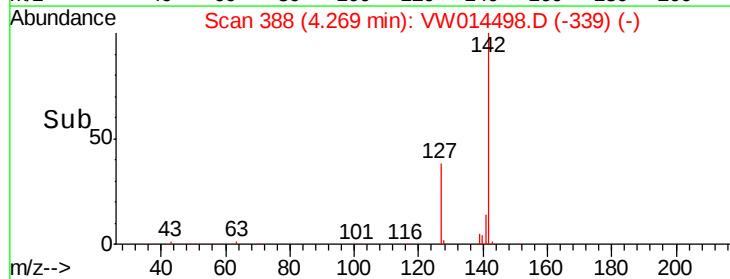
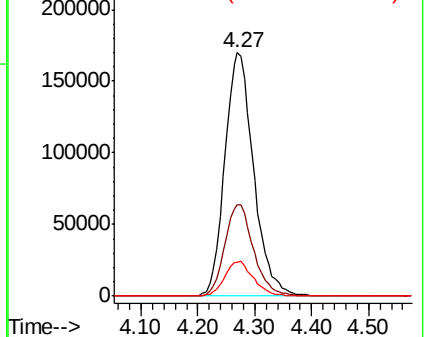
141 14.3 11.4 17.2

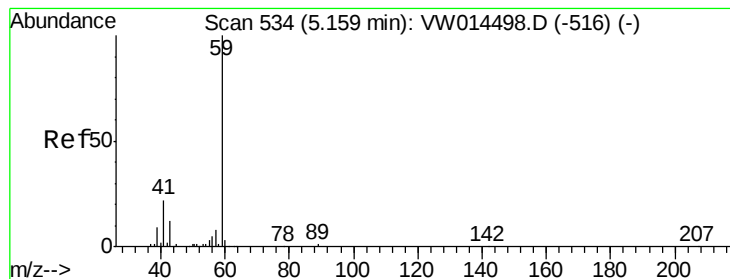


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 363.169 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

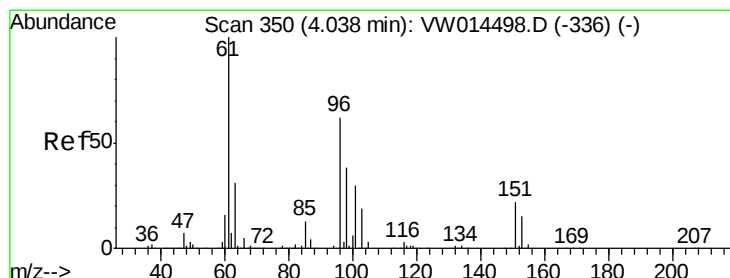
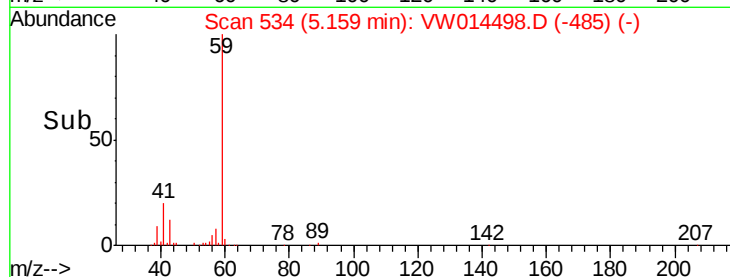
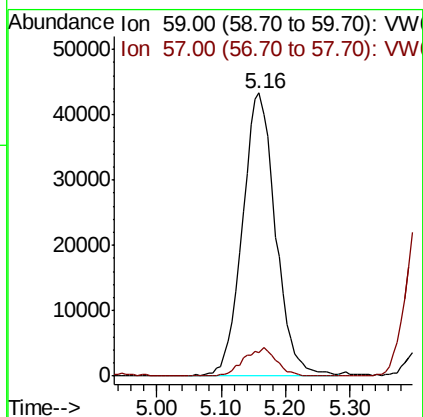
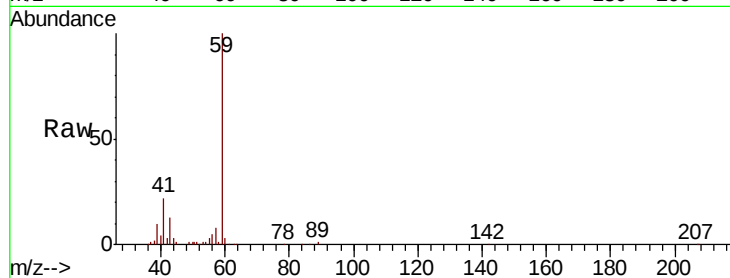
ClientSampled :

Tot Ion: 59 Resp: 153406

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 53.724 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

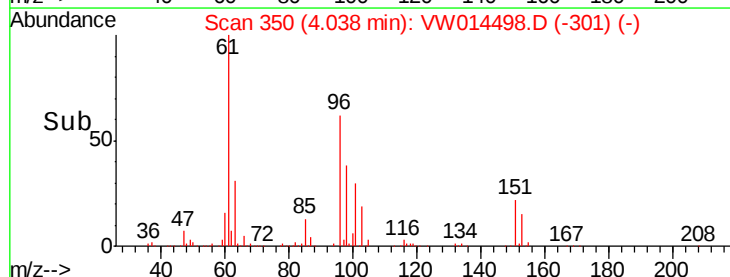
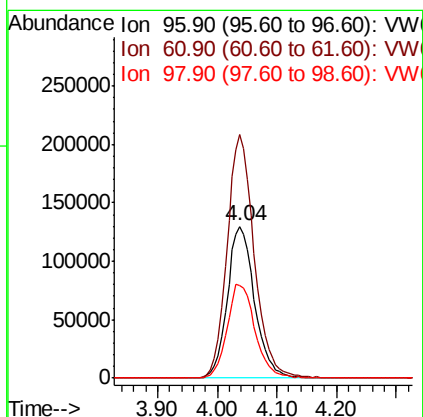
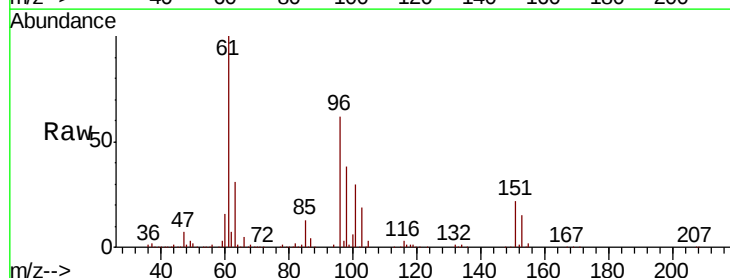
Tgt Ion: 96 Resp: 412956

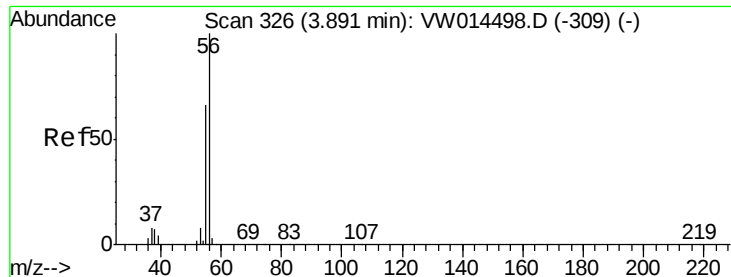
Ion Ratio Lower Upper

96 100

61 160.5 128.4 192.6

98 61.4 49.1 73.7

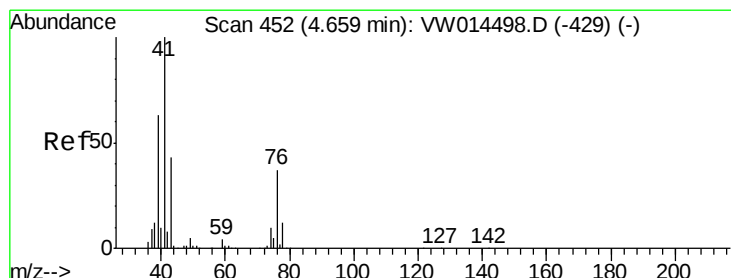
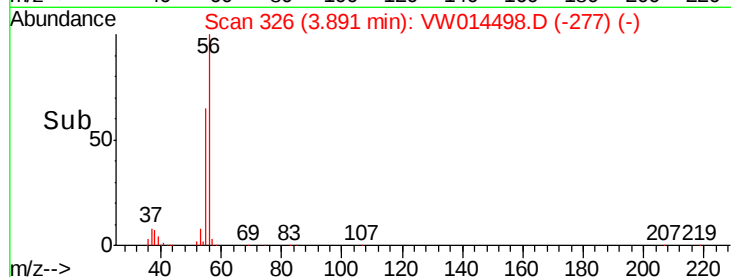
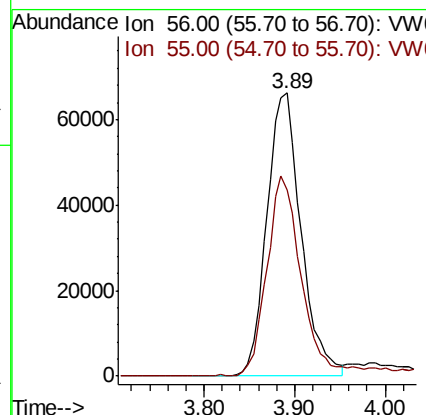
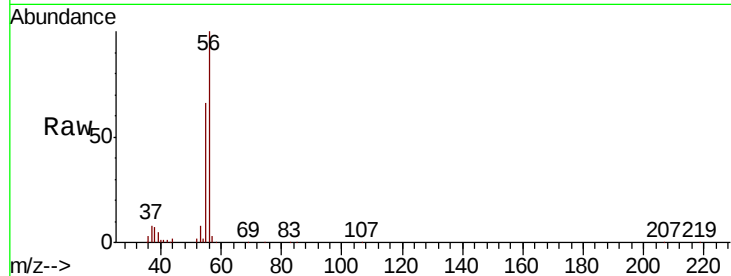




#13
Acrolein
Concen: 363.610 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

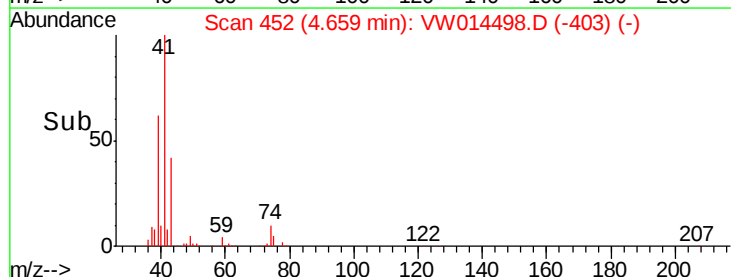
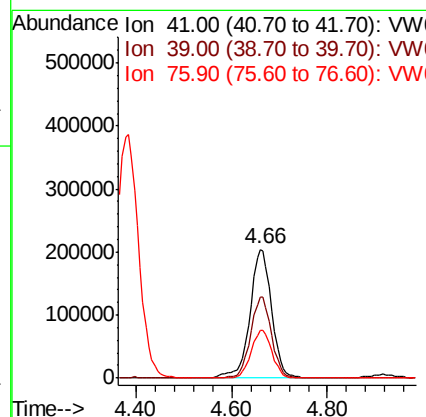
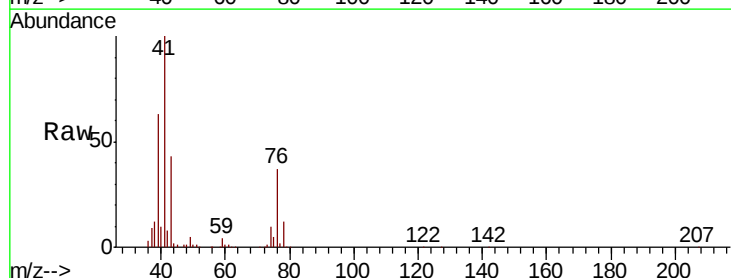
Instrument :
MSVOA_W
ClientSampleId :

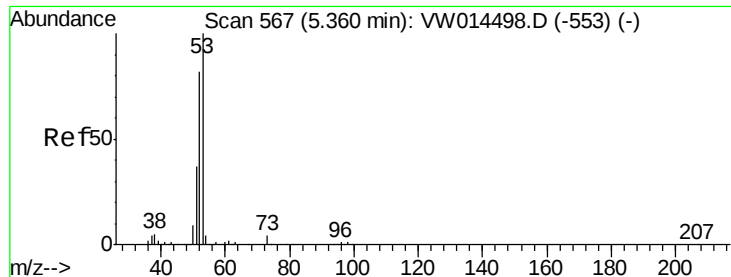
Tot Ion: 56 Resp: 172923
Ion Ratio Lower Upper
56 100
55 70.9 56.7 85.1



#14
Allyl chloride
Concen: 54.230 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 41 Resp: 641738
Ion Ratio Lower Upper
41 100
39 60.6 48.5 72.7
76 35.1 28.1 42.1





#15

Acrylonitrile

Concen: 329.145 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

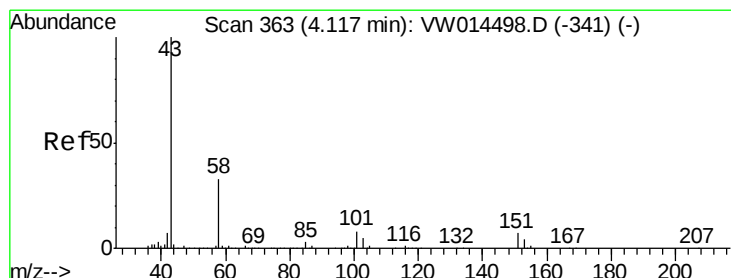
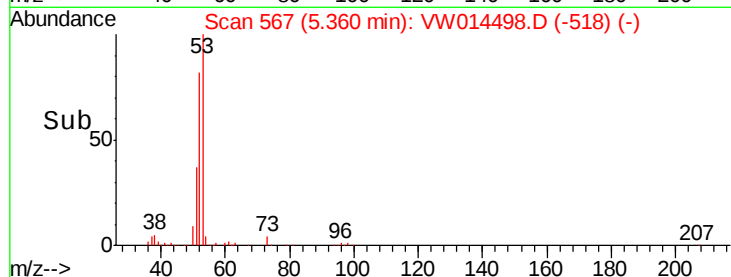
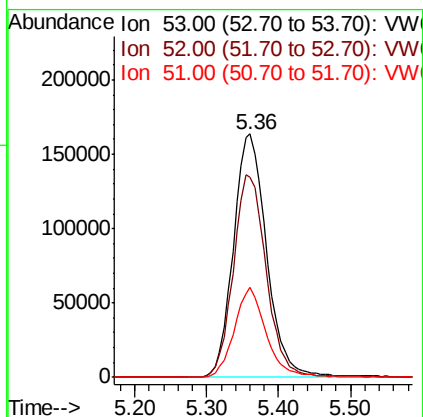
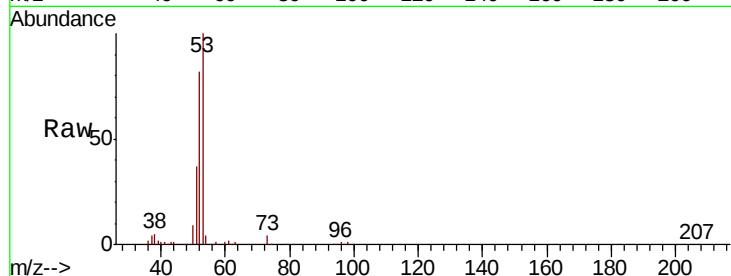
Tot Ion: 53 Resp: 524205

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.5 28.4 42.6



#16

Acetone

Concen: 364.051 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014498.D

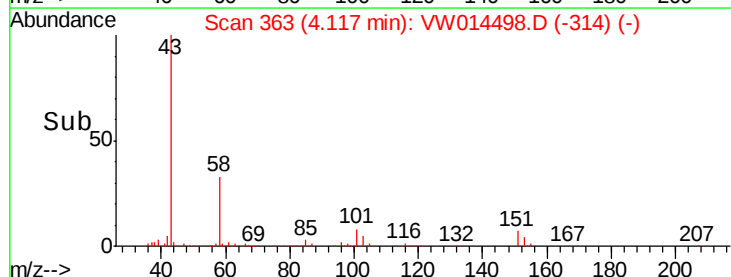
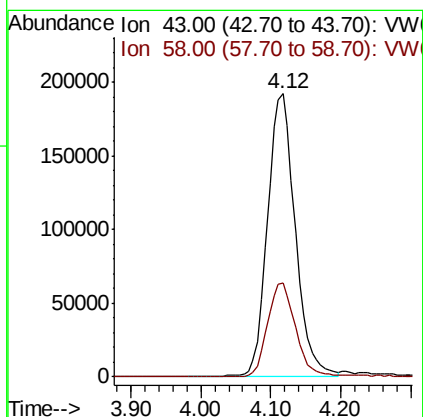
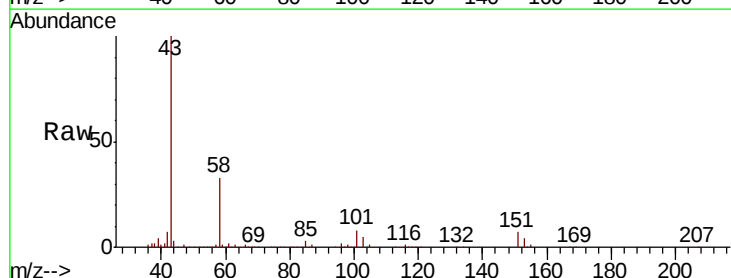
Acq: 03 Jan 2020 14:48

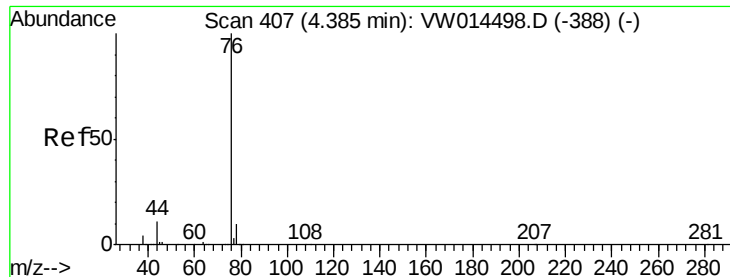
Tgt Ion: 43 Resp: 532381

Ion Ratio Lower Upper

43 100

58 33.2 26.6 39.8

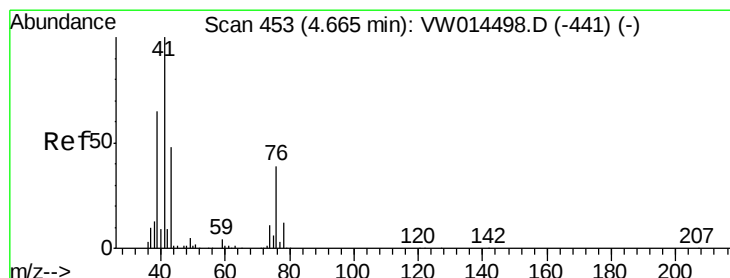
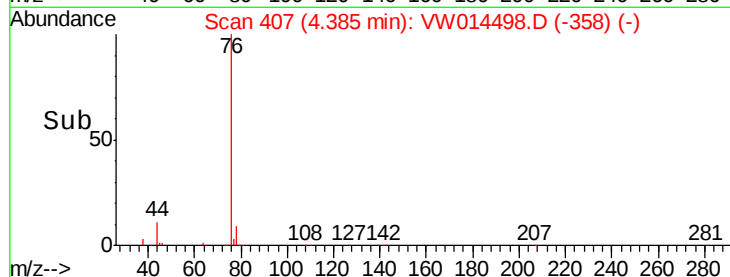
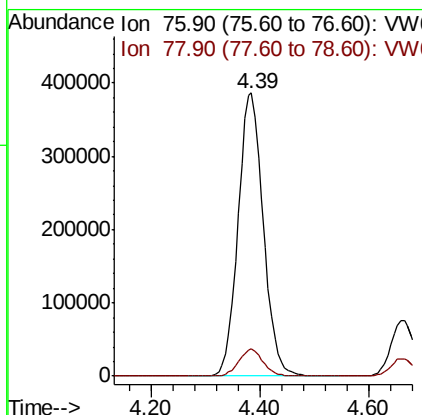
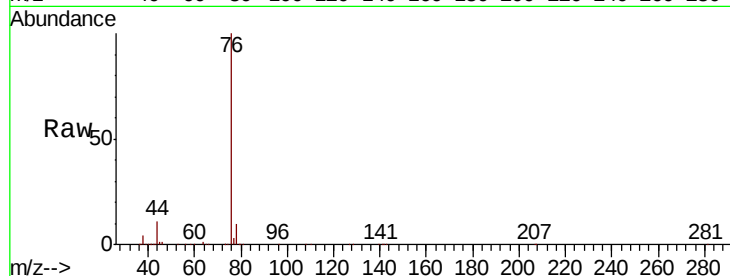




#17
Carbon Disulfide
Concen: 56.023 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

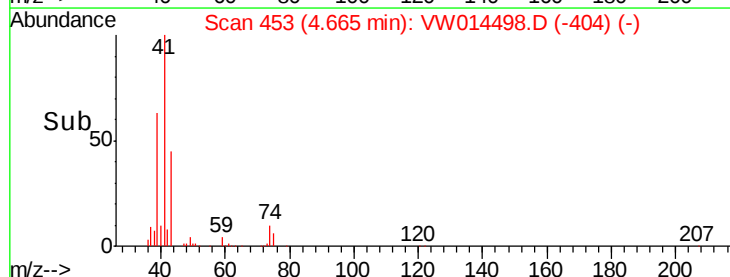
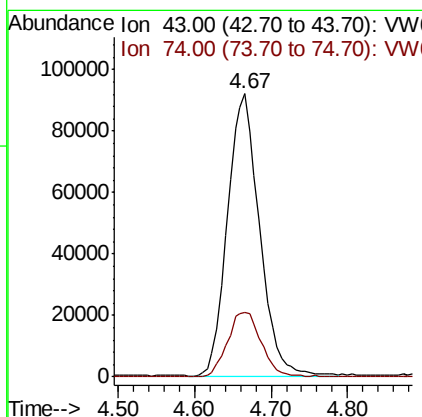
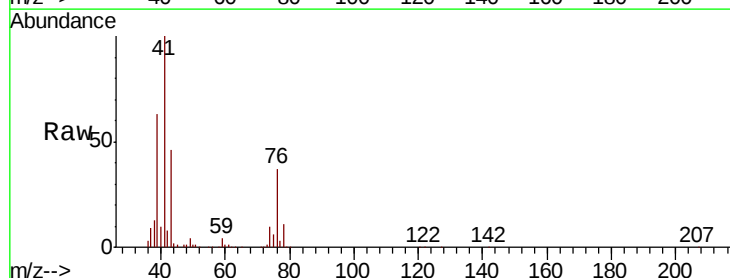
Instrument :
MSVOA_W
ClientSampleId :

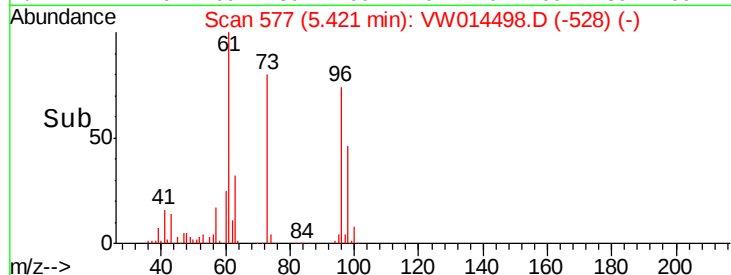
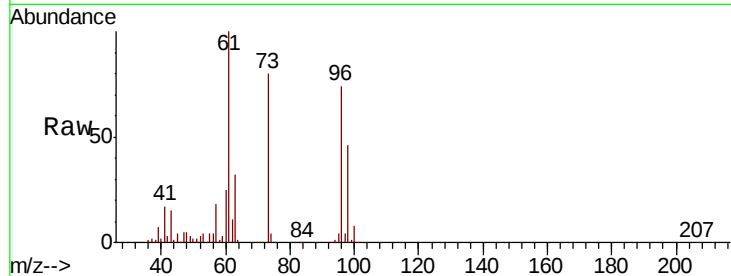
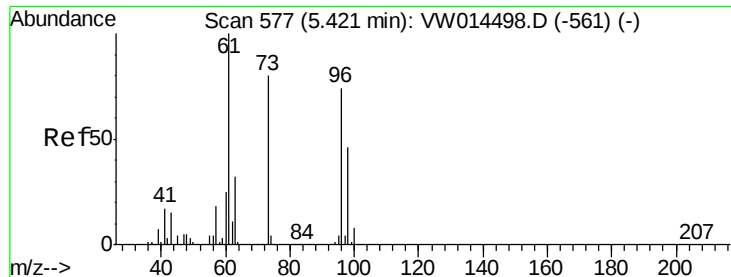
Tot Ion: 76 Resp: 1246149
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 66.459 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

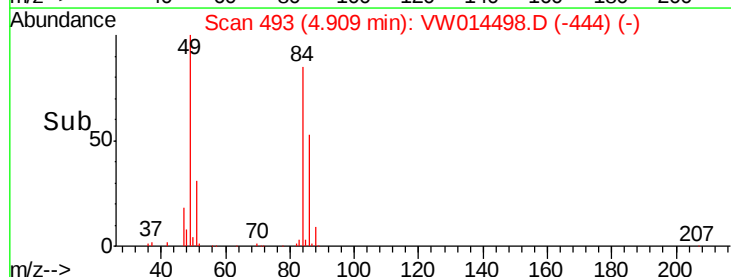
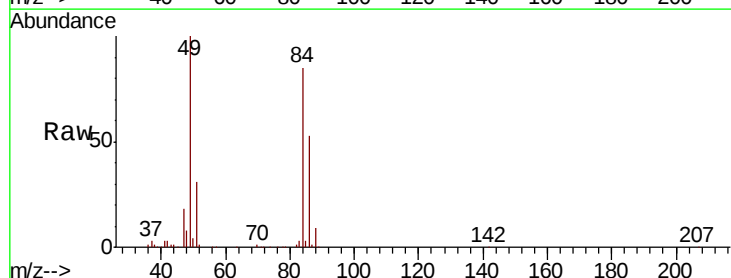
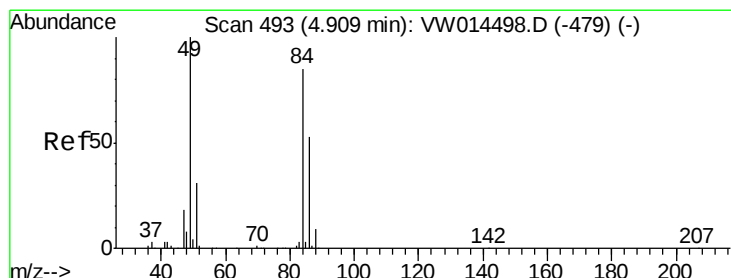
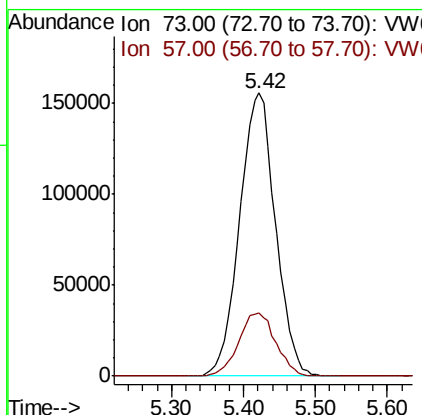
Tgt Ion: 43 Resp: 265830
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





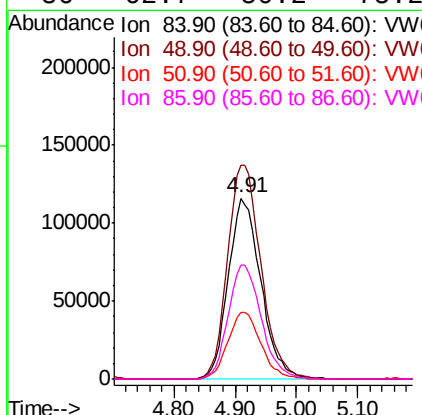
#19
Methvl tert-butvl Ether
Concen: 57.408 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

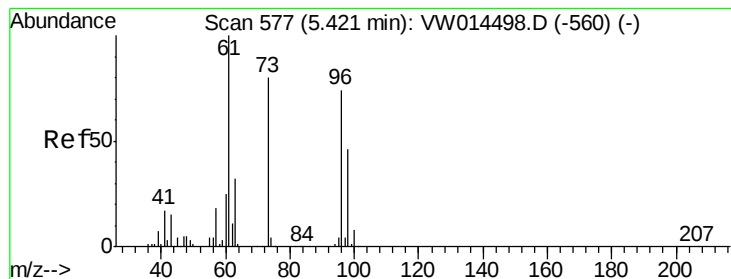
Tot Ion: 73 Resp: 537383
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 49.344 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 84 Resp: 425279
Ion Ratio Lower Upper
84 100
49 118.0 94.4 141.6
51 36.9 29.5 44.3
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 53.395 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

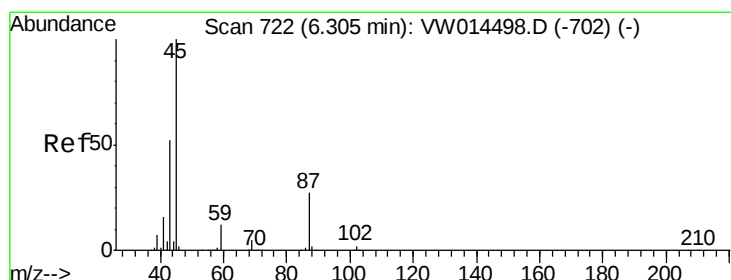
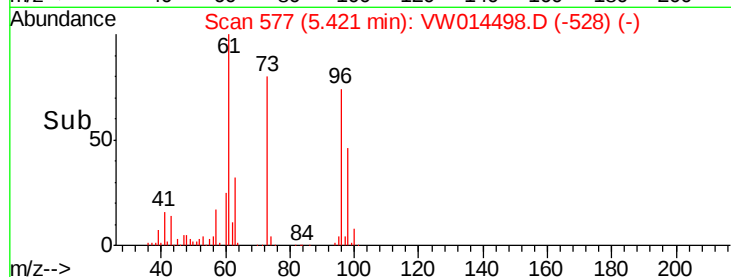
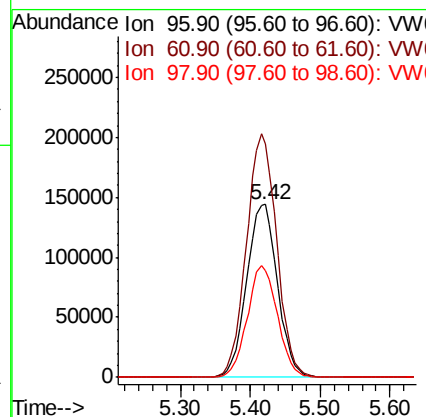
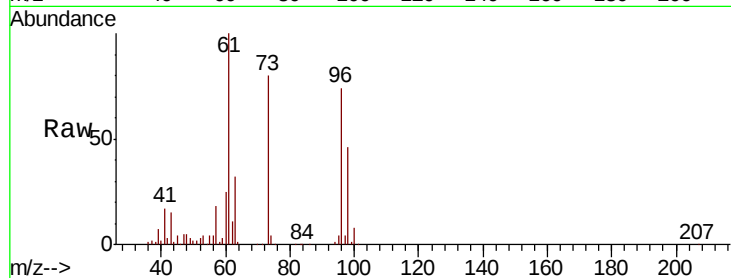
Tot Ion: 96 Resp: 440280

Ion Ratio Lower Upper

96 100

61 134.7 107.8 161.6

98 61.7 49.4 74.0



#22

Diisopropyl ether

Concen: 55.511 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion: 45 Resp: 1201873

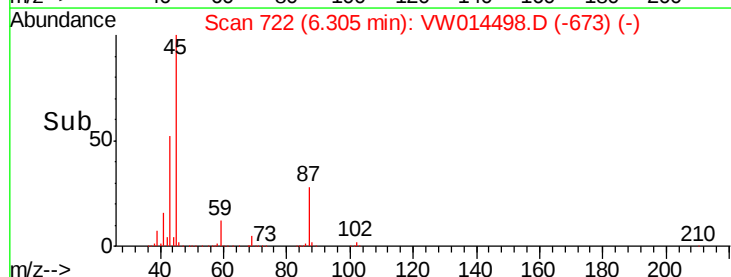
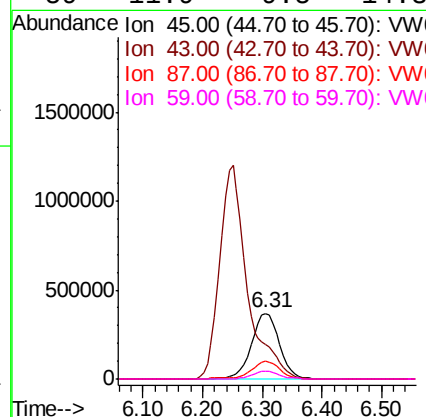
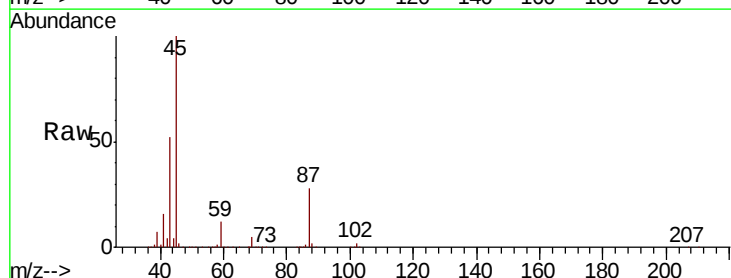
Ion Ratio Lower Upper

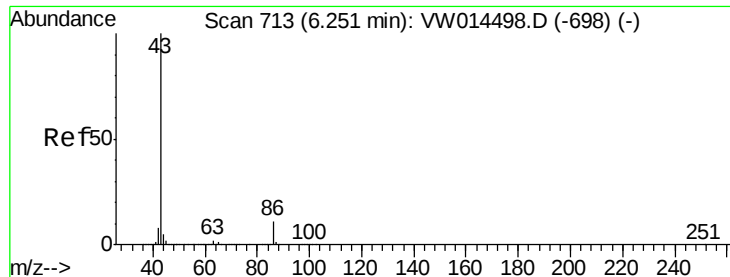
45 100

43 51.7 41.4 62.0

87 27.7 22.2 33.2

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 301.101 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

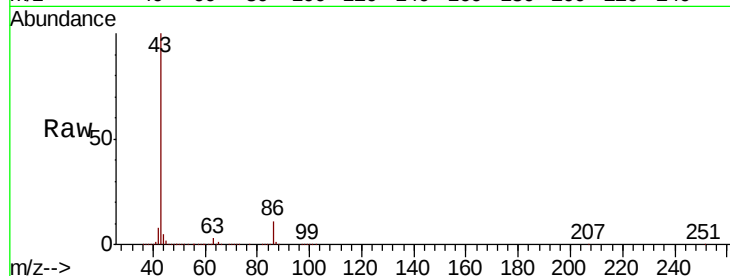
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3856760

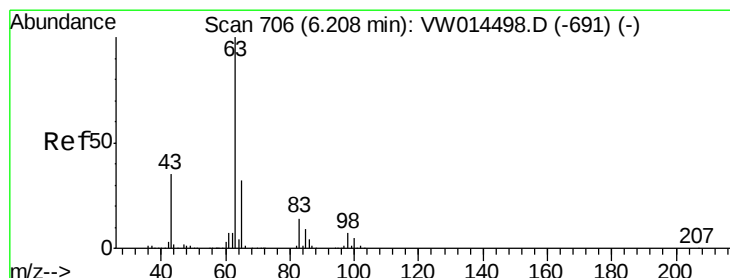
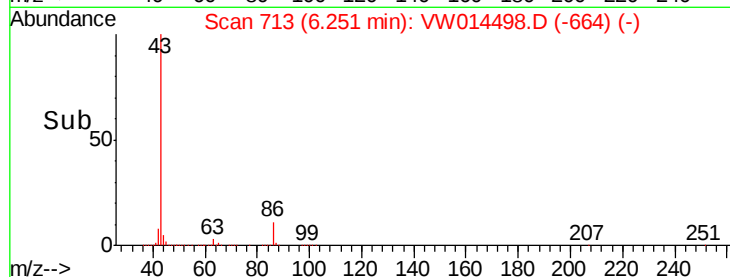
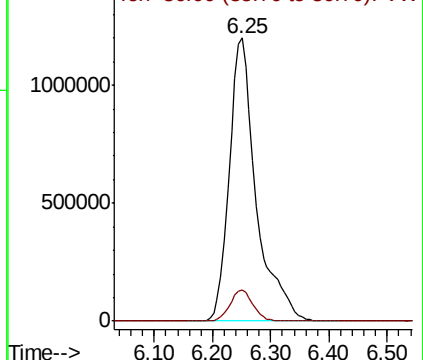
Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.463 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

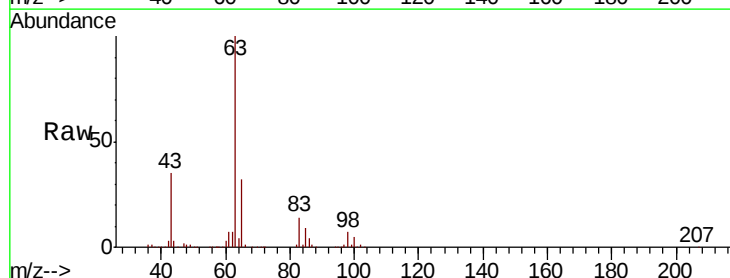
Tgt Ion: 63 Resp: 744779

Ion Ratio Lower Upper

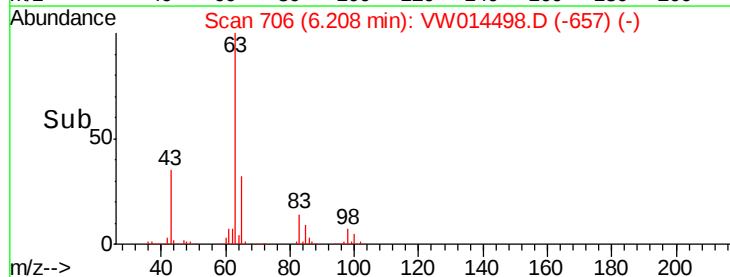
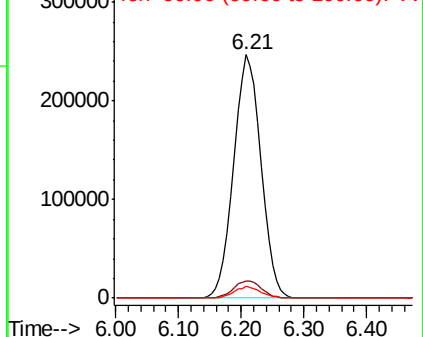
63 100

98 6.9 3.5 10.4

100 4.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 345.506 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

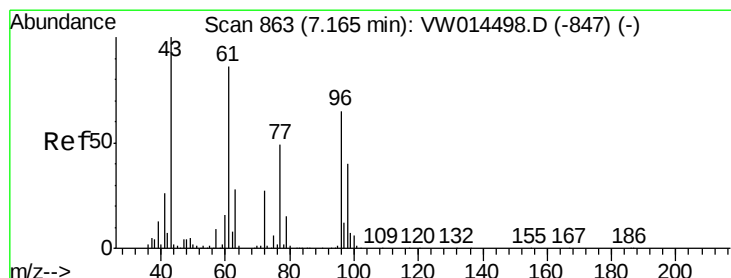
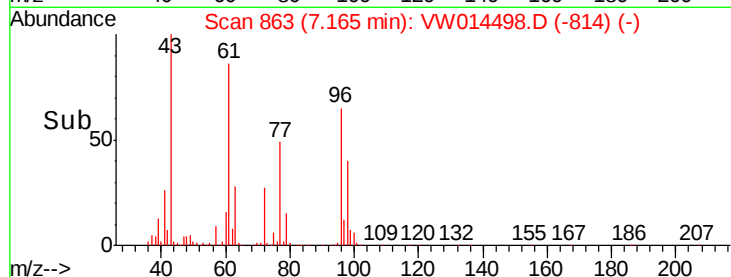
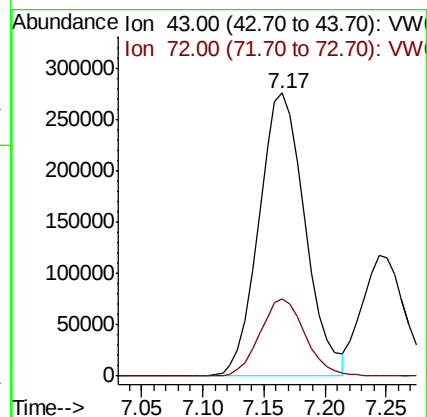
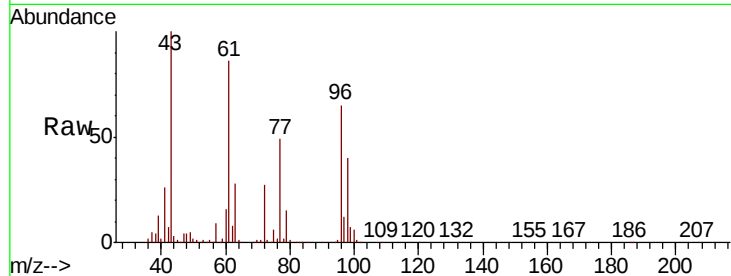
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 723950

Ion Ratio Lower Upper

43 100

72 27.4 21.9 32.9



#26

2,2-Dichloropropane

Concen: 50.129 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014498.D

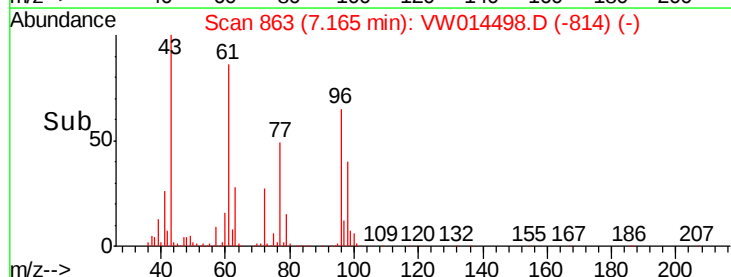
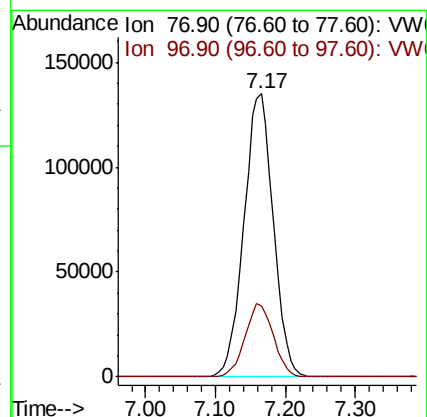
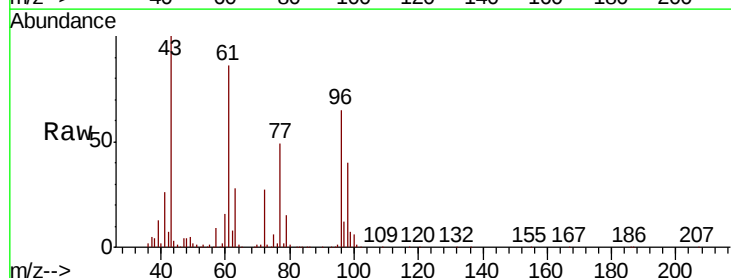
Acq: 03 Jan 2020 14:48

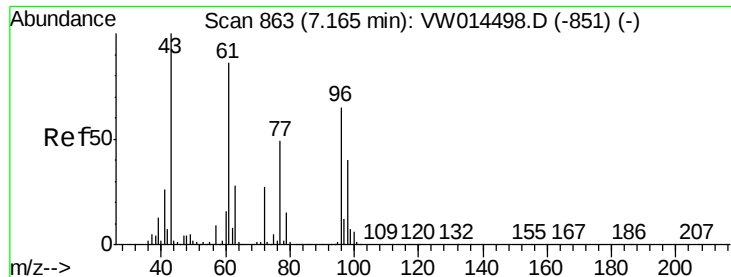
Tgt Ion: 77 Resp: 393134

Ion Ratio Lower Upper

77 100

97 25.0 12.5 37.5

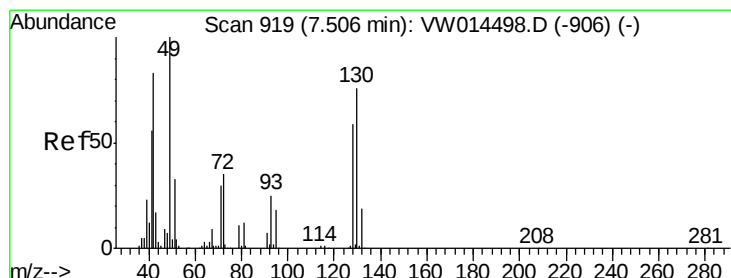
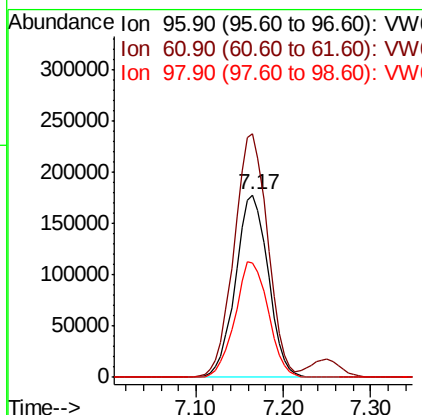
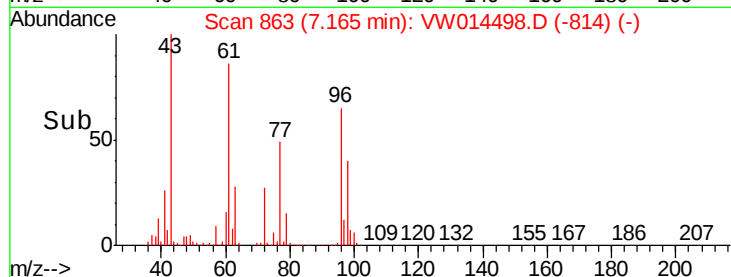
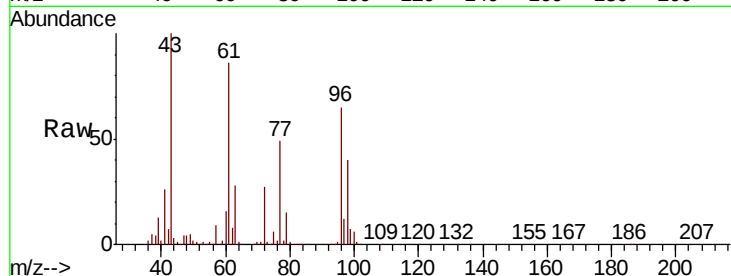




#27
 cis-1,2-Dichloroethene
 Concen: 52.898 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

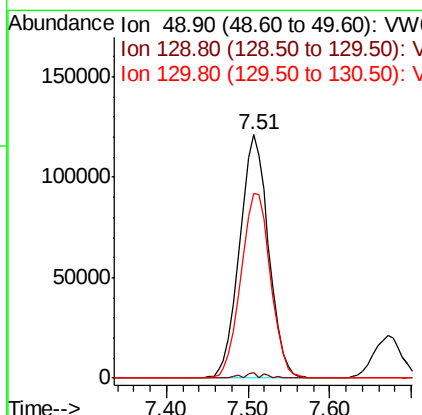
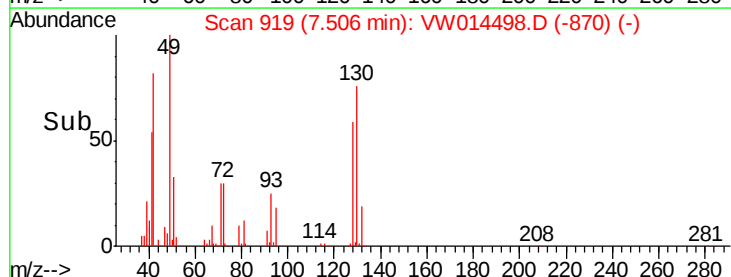
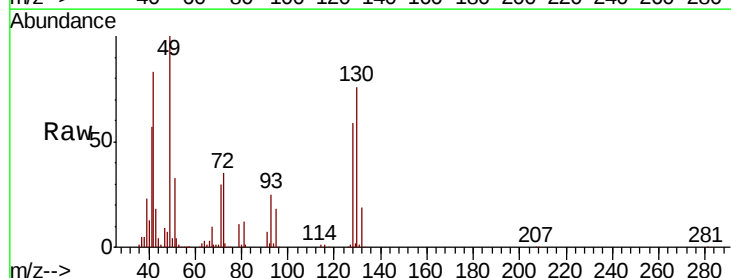
Instrument :
 MSVOA_W
 ClientSampled :

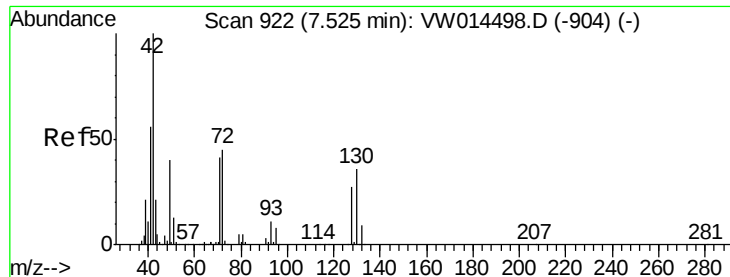
Tot Ion: 96 Resp: 462452
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 274.8
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 64.917 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion: 49 Resp: 297802
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.0
 130 78.1 62.5 93.7

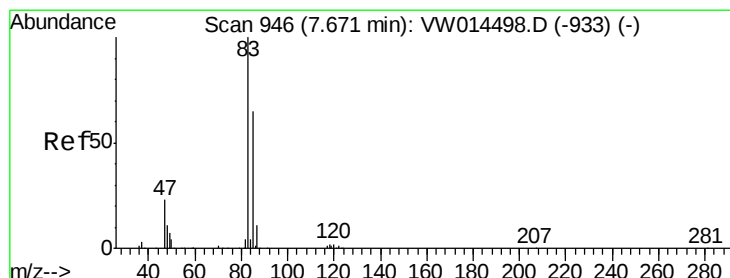
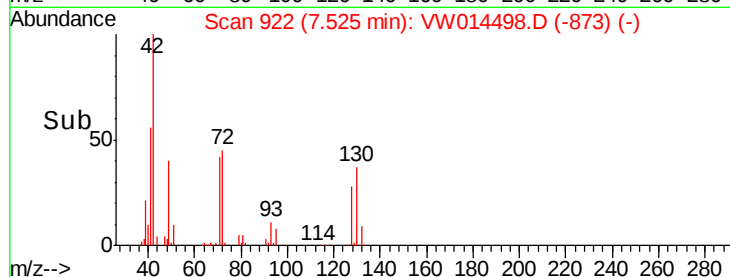
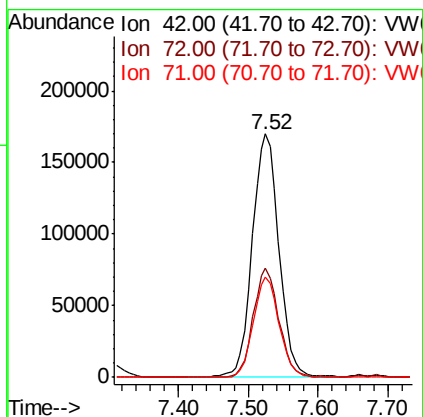
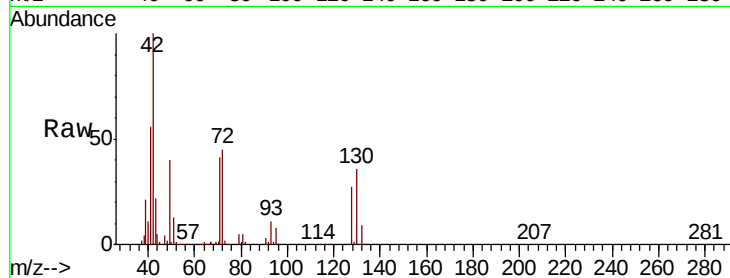




#29
Tetrahydrofuran
Concen: 344.731 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

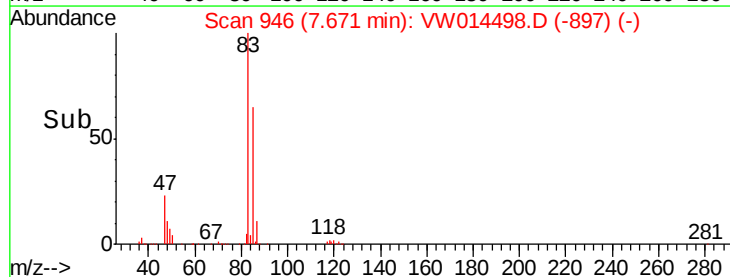
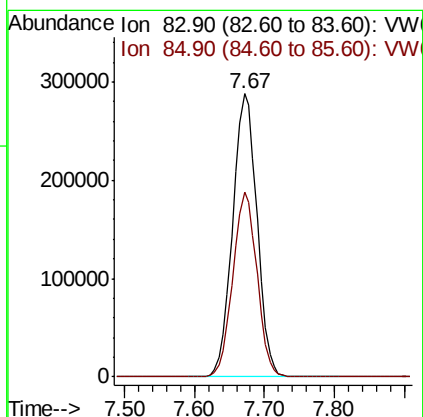
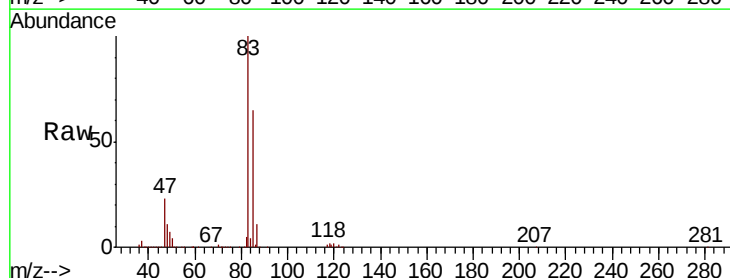
Instrument :
MSVOA_W
ClientSampled :

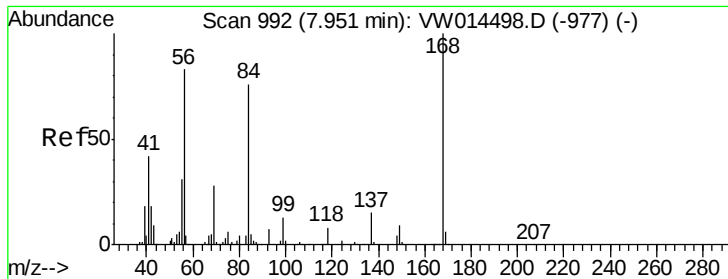
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.5	51.7
71	40.0	32.0	48.0



#30
Chloroform
Concen: 51.817 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2

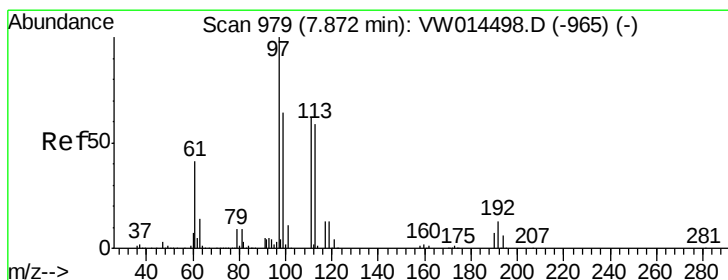
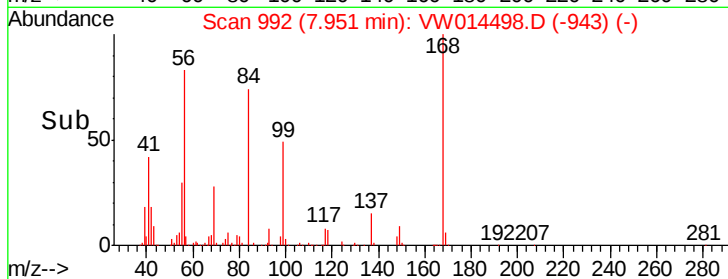
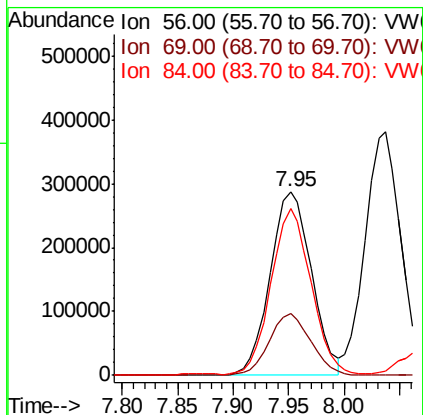
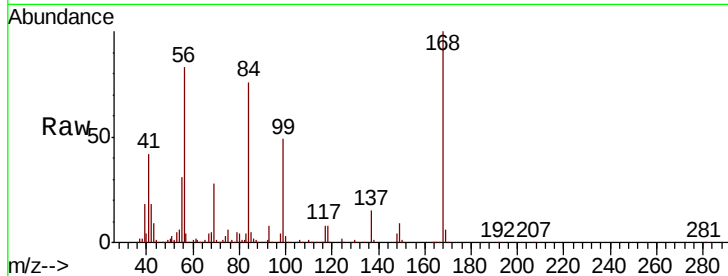




#31
Cyclohexane
Concen: 52.012 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

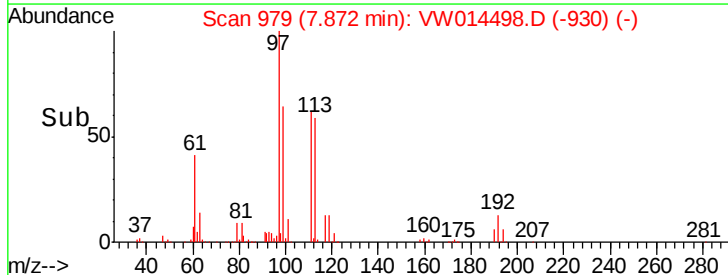
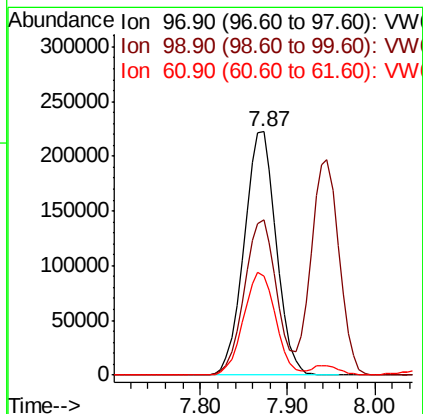
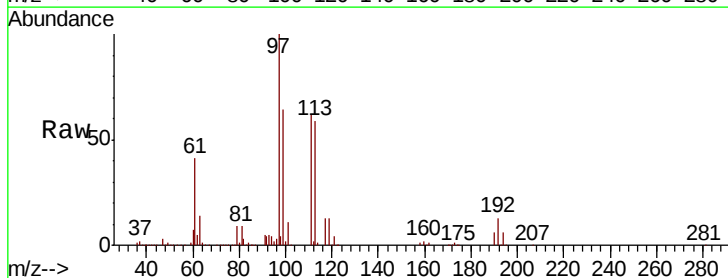
Instrument :
MSVOA_W
ClientSampled :

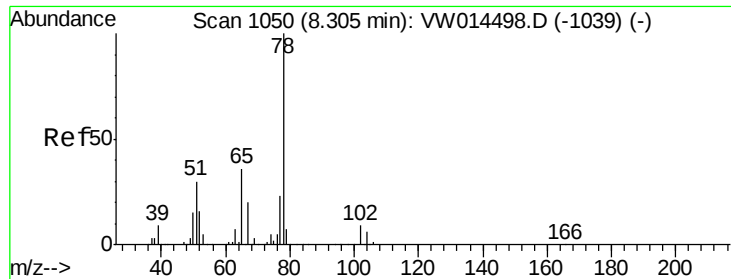
Tot Ion: 56 Resp: 743727
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.349 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 97 Resp: 564328
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 42.3 33.8 50.8

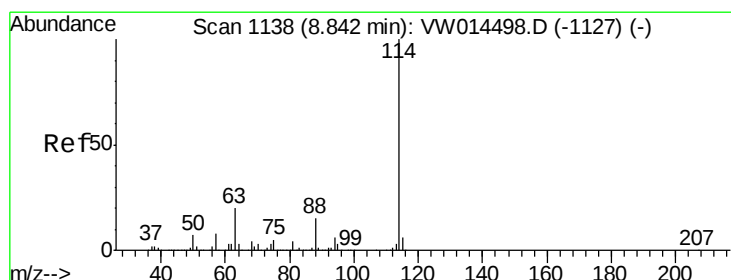
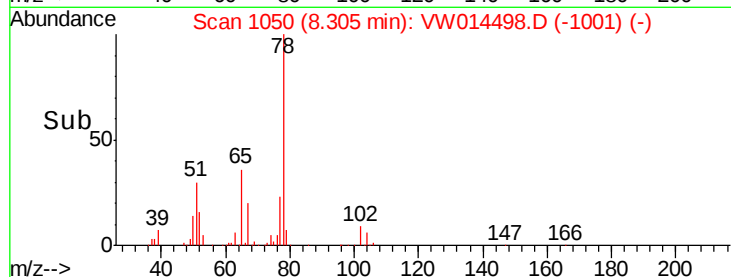
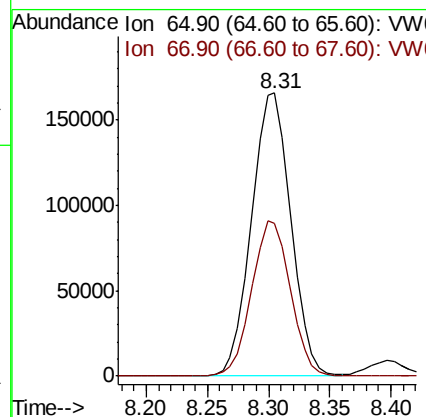
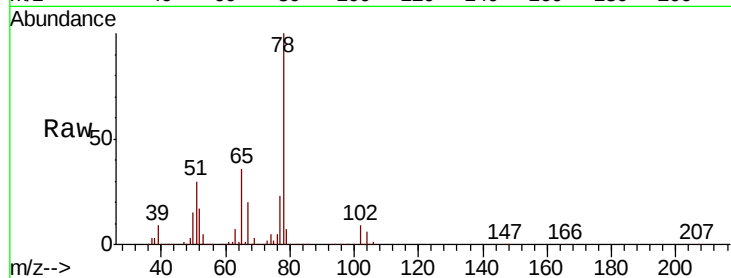




#33
 1,2-Dichloroethane-d4
 Concen: 57.597 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

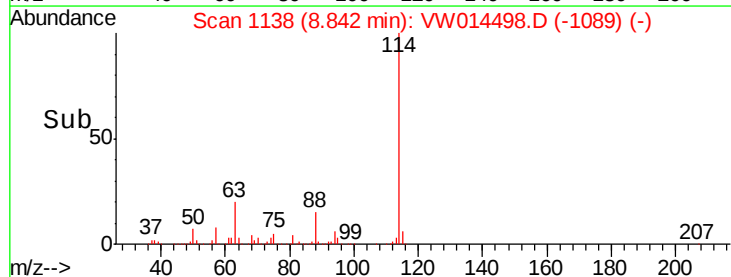
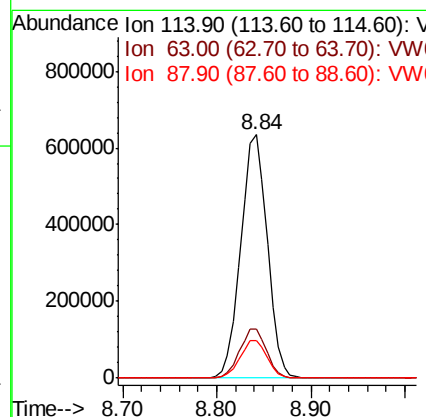
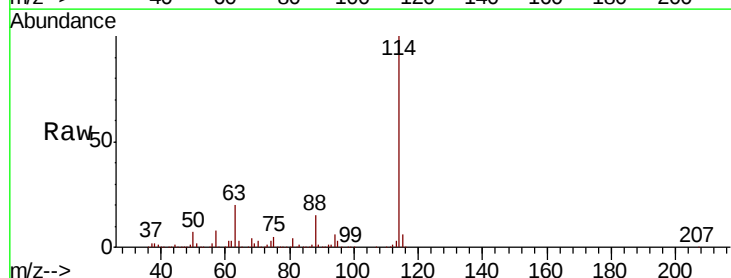
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 371565
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion: 114 Resp: 1246785
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.4
 88 15.3 0.0 30.6

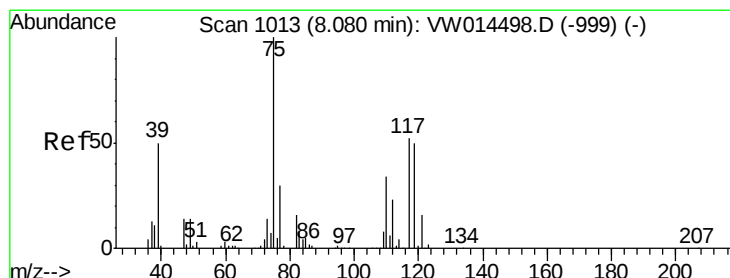
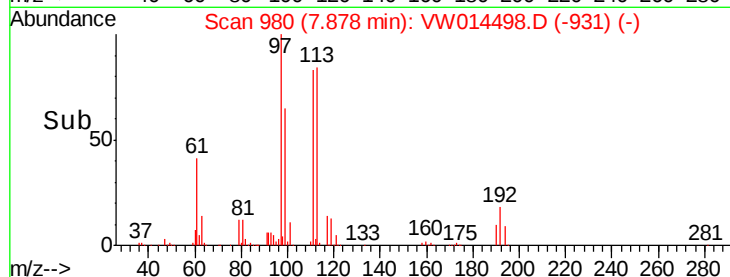
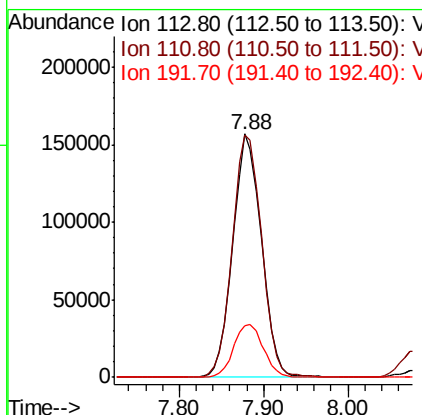
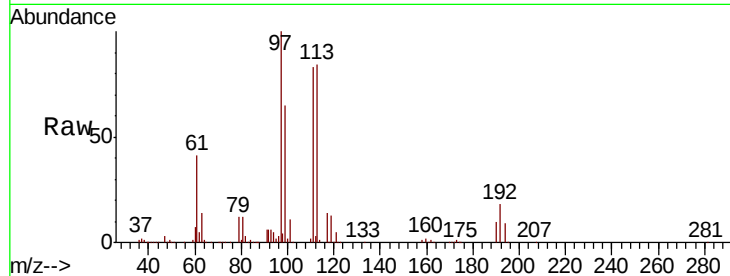




#35
 Dibromofluoromethane
 Concen: 52.327 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

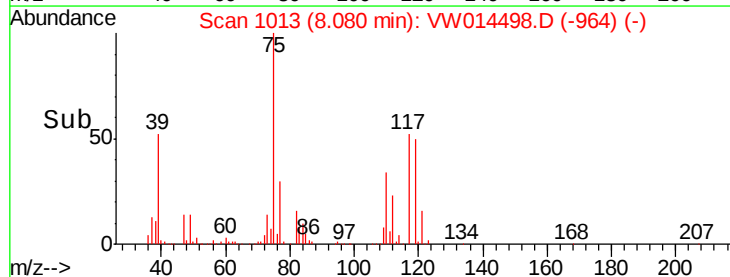
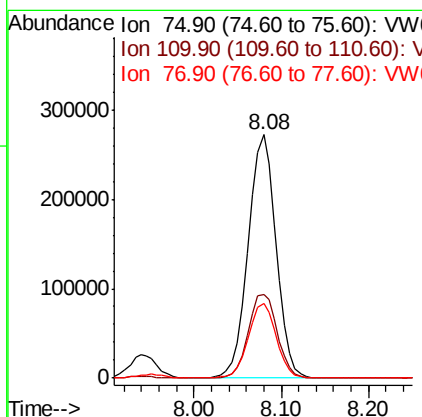
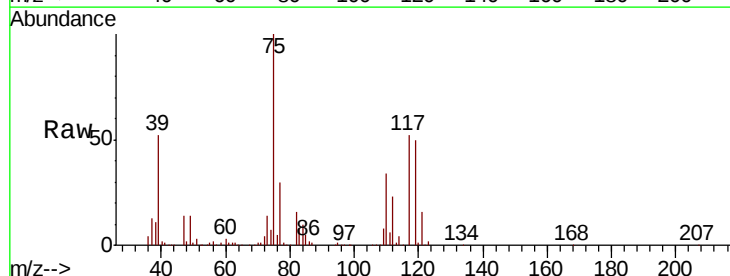
Instrument :
 MSVOA_W
 ClientSampleId :

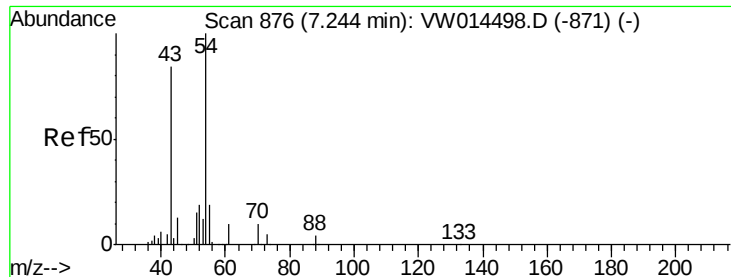
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 51.540 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	30.9	24.7	37.1

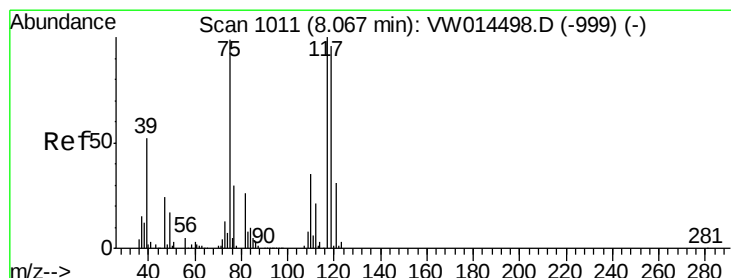
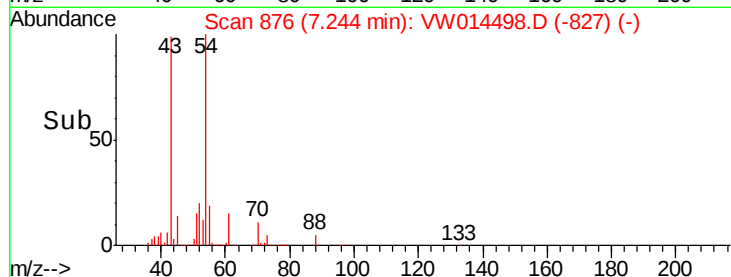
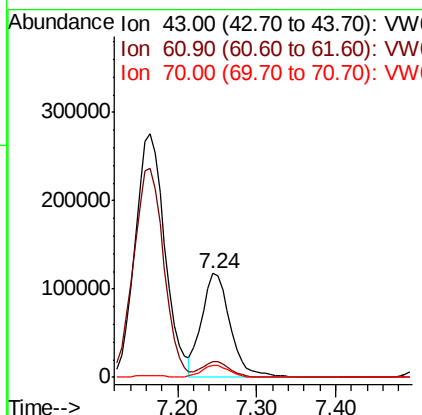
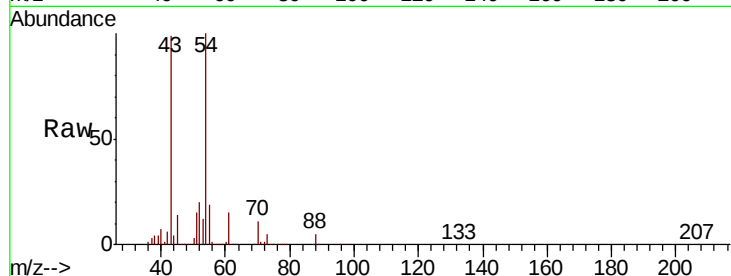




#37
Ethyl Acetate
Concen: 62.465 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

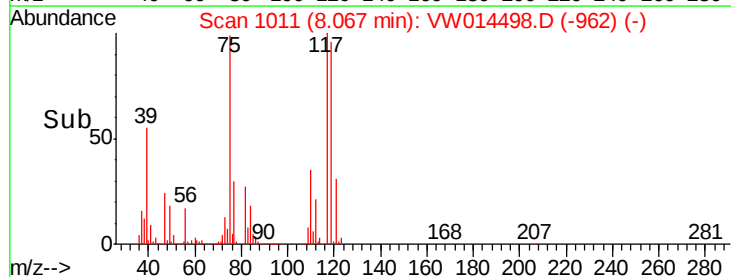
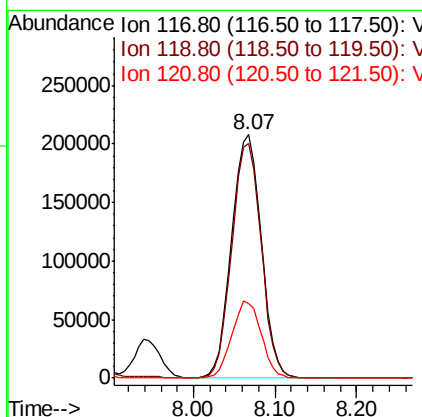
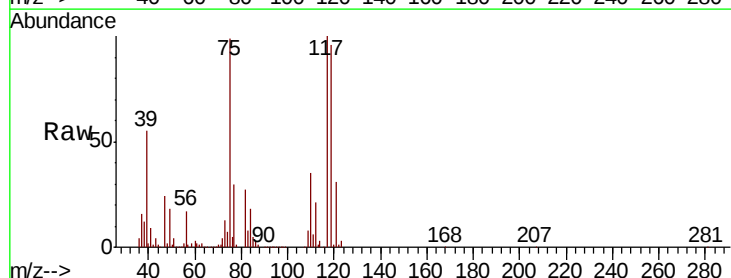
Instrument :
MSVOA_W
ClientSampleId :

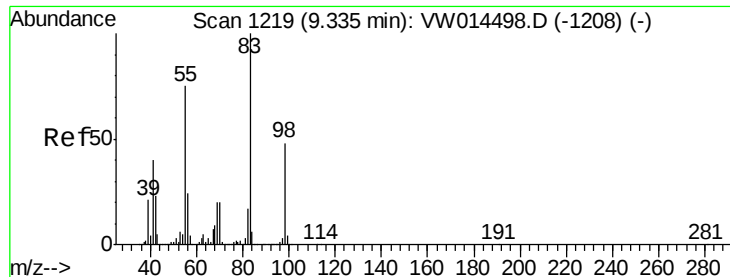
Tot Ion: 43 Resp: 296080
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.848 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 117 Resp: 521664
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
121 30.7 24.6 36.8

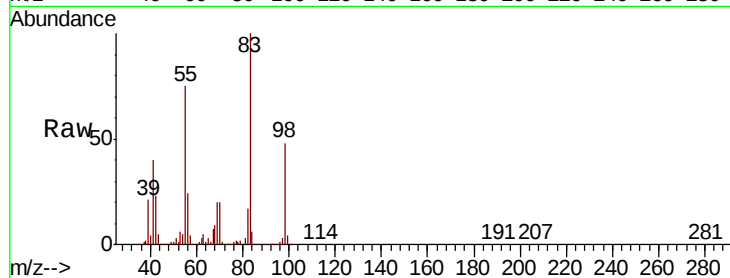




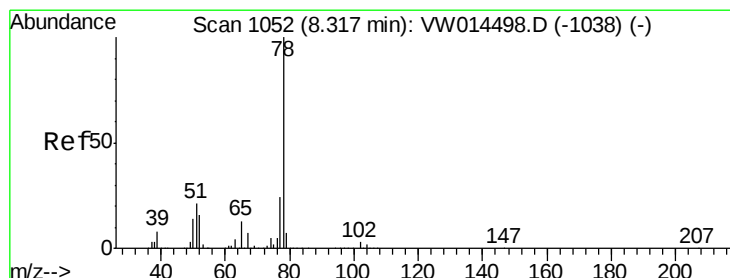
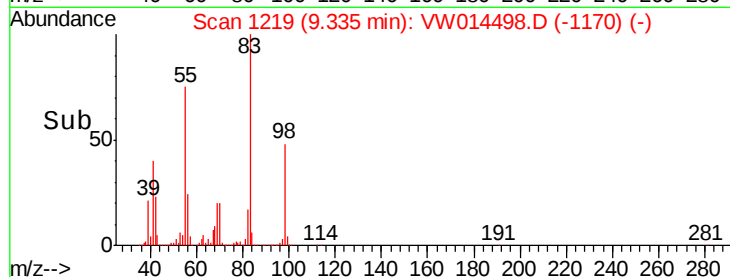
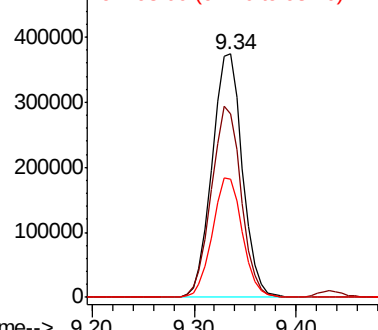
#39
Methylcyclohexane
Concen: 51.448 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 773247
Ion Ratio Lower Upper
83 100
55 75.1 60.1 90.1
98 48.5 38.8 58.2

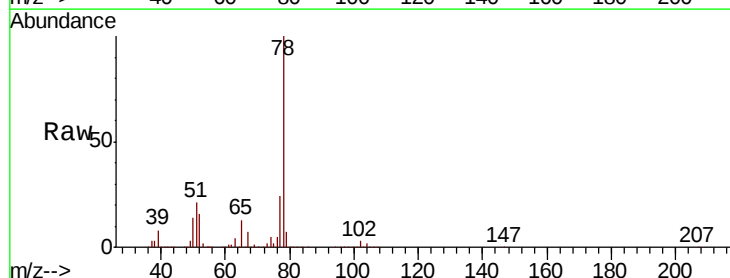


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

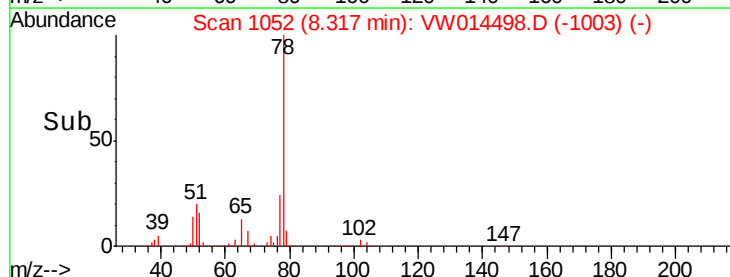
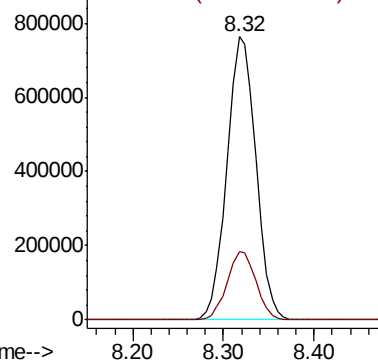


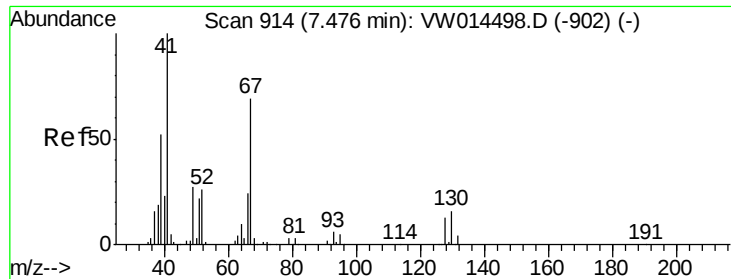
#40
Benzene
Concen: 51.132 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 78 Resp: 1689536
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

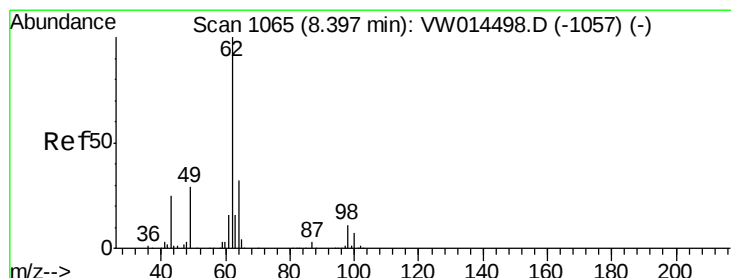
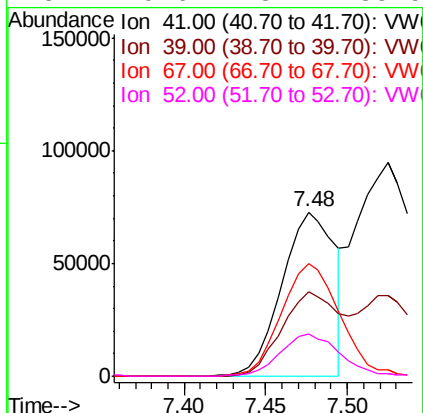
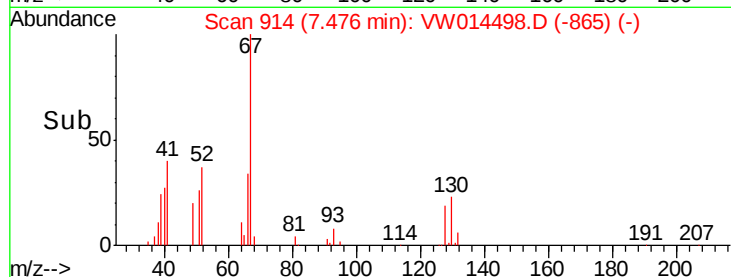
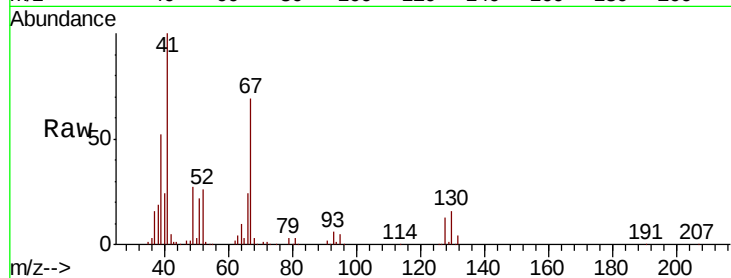




#41
Methacrylonitrile
Concen: 56.501 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

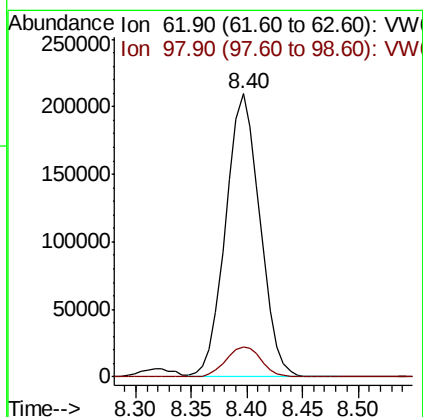
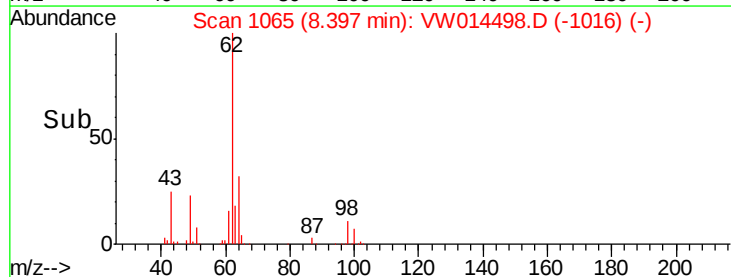
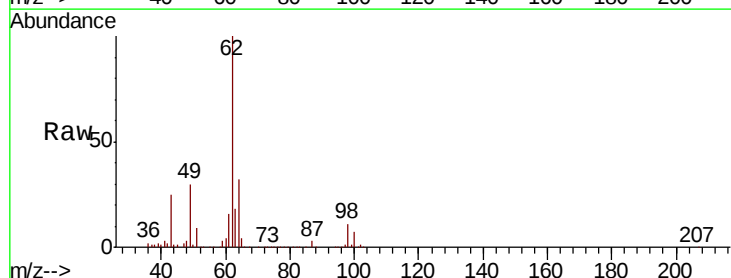
Instrument :
MSVOA_W
ClientSampled :

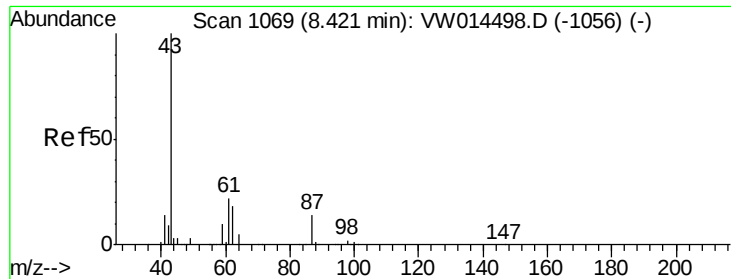
Tot Ion:	41	Resp:	163830
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	76.0	60.8	91.2
52	29.6	23.7	35.5



#42
1,2-Dichloroethane
Concen: 53.066 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:	62	Resp:	445546
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 59.659 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

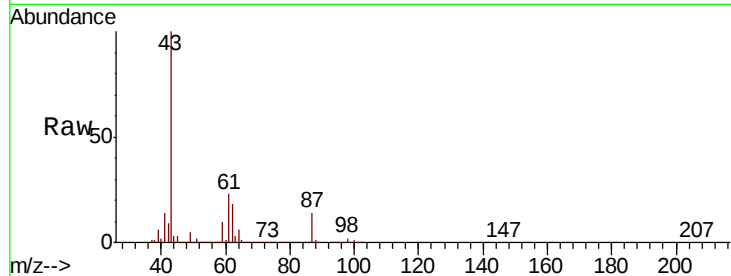
Tot Ion: 43 Resp: 530495

Ion Ratio Lower Upper

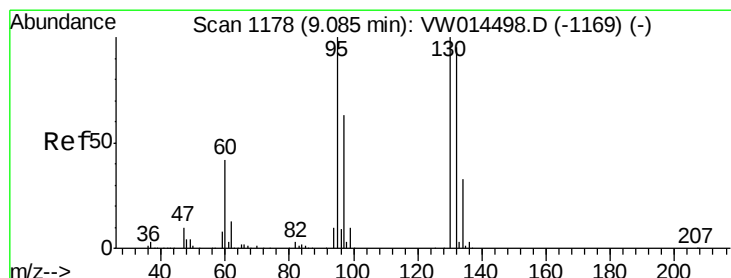
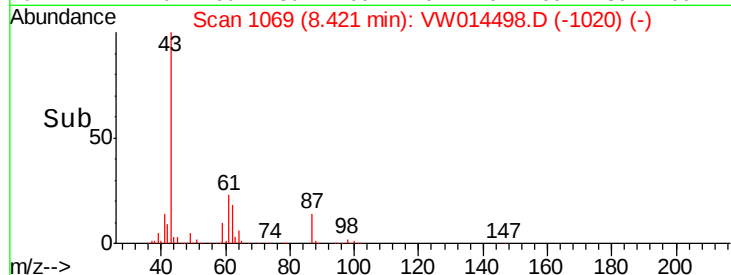
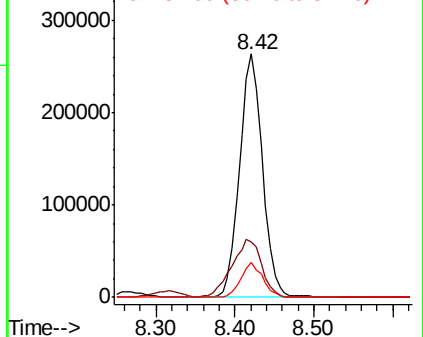
43 100

61 30.9 24.7 37.1

87 13.9 11.1 16.7



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: 48.446 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014498.D

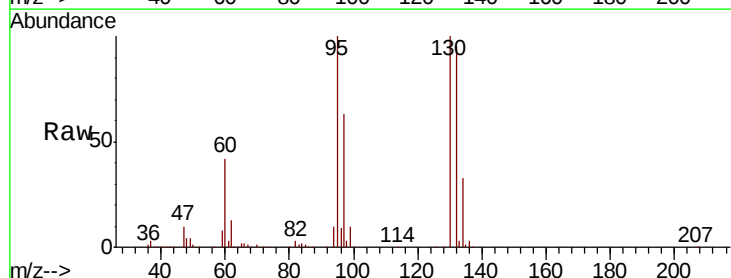
Acq: 03 Jan 2020 14:48

Tgt Ion:130 Resp: 453146

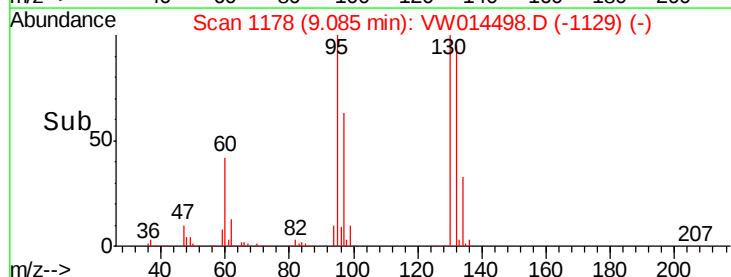
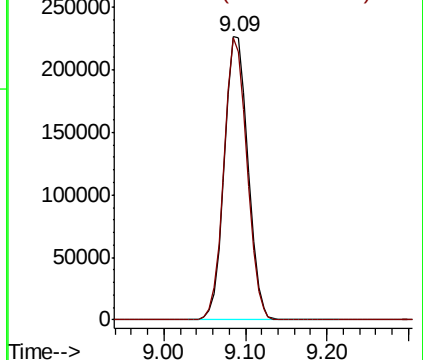
Ion Ratio Lower Upper

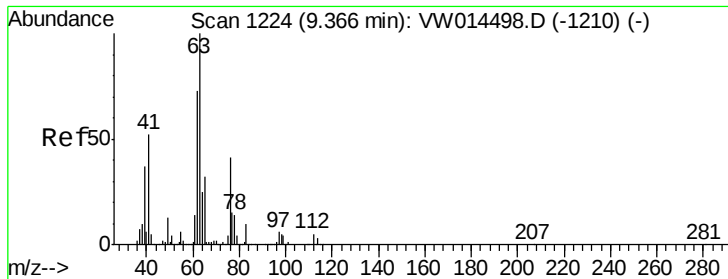
130 100

95 99.7 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

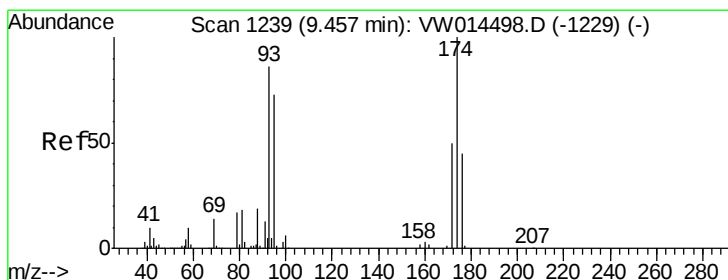
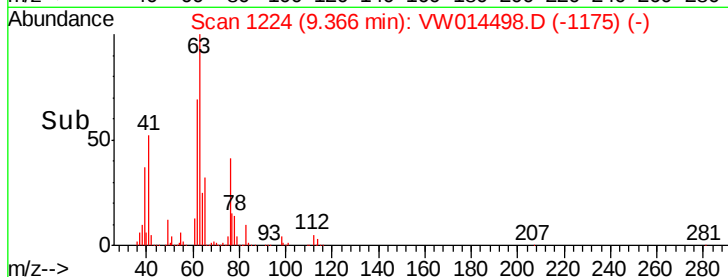
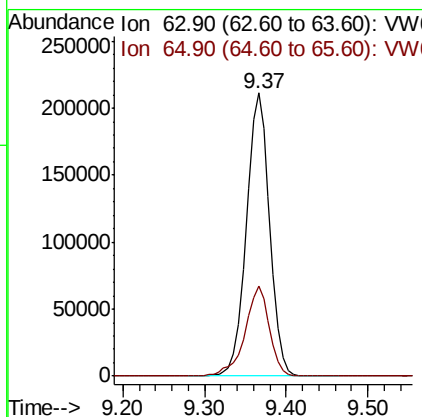
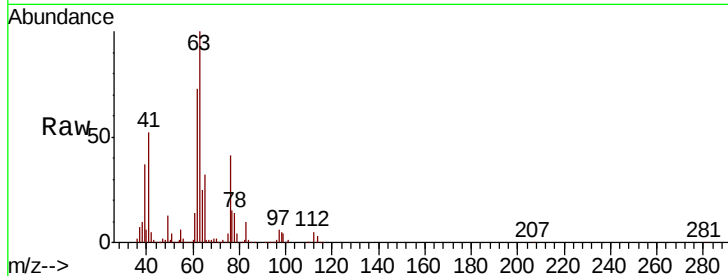




#45
 1,2-Dichloropropane
 Concen: 52.675 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

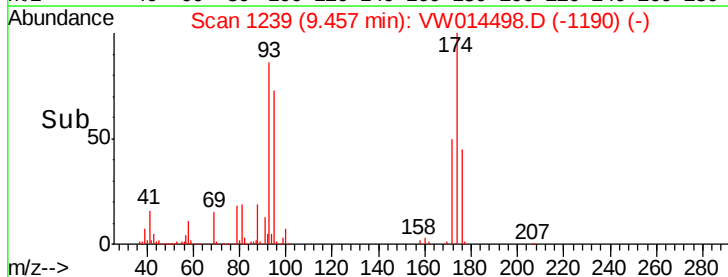
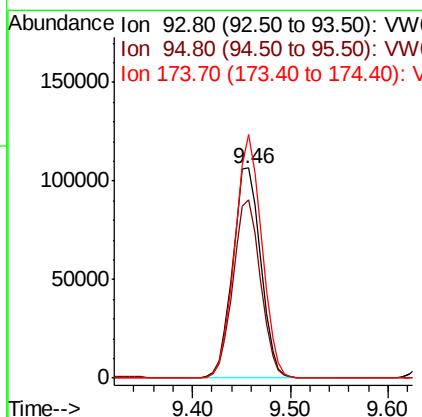
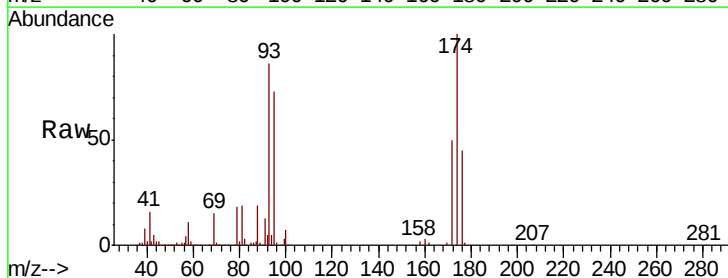
Instrument :
 MSVOA_W
 ClientSampled :

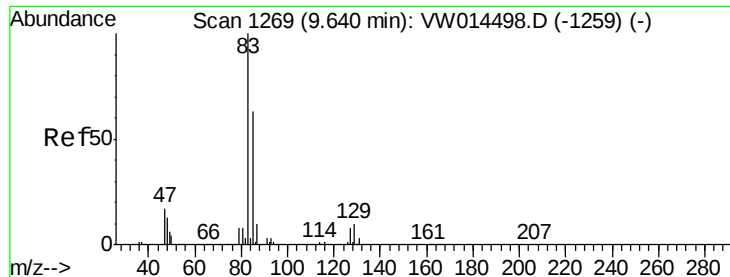
Tot Ion: 63 Resp: 417745
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.6 38.4



#46
 Dibromomethane
 Concen: 54.733 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion: 93 Resp: 212954
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 111.4 89.1 133.7

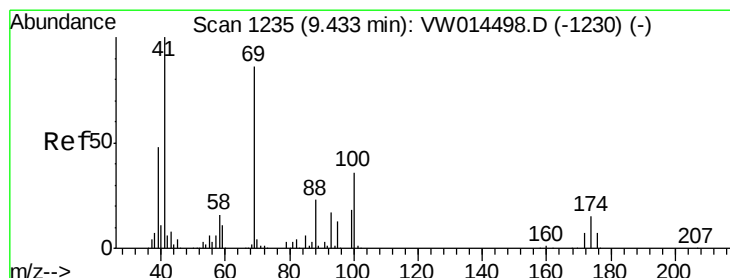
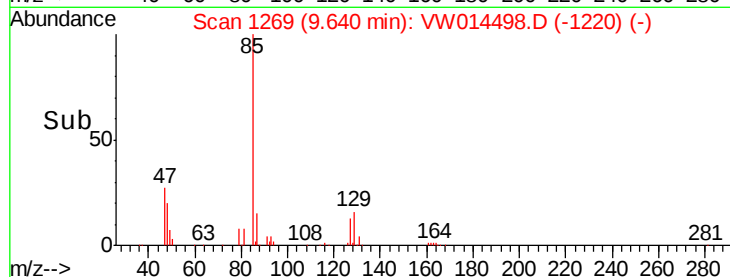
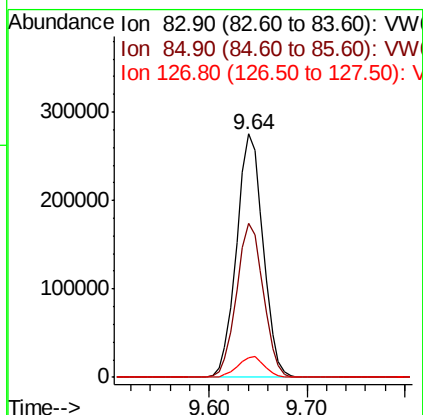
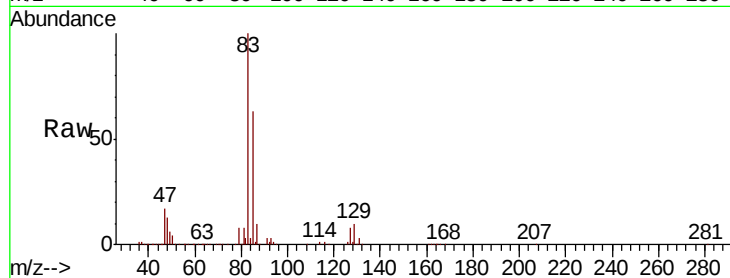




#47
 Bromodichloromethane
 Concen: 52.131 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

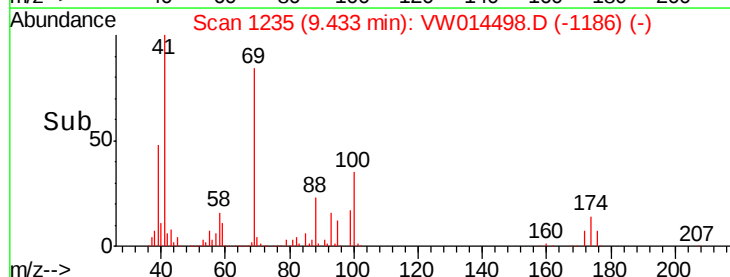
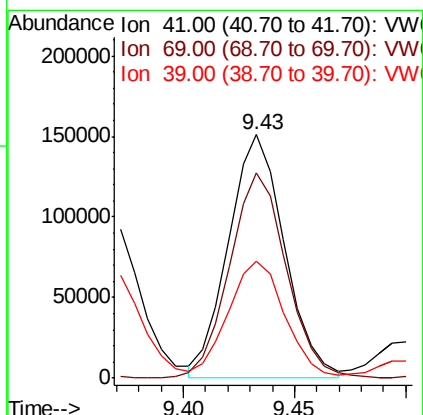
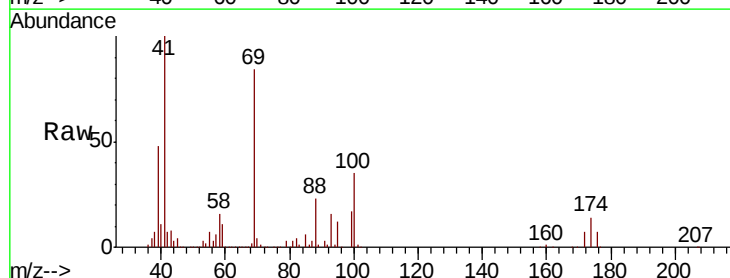
Instrument :
 MSVOA_W
 ClientSampleId :

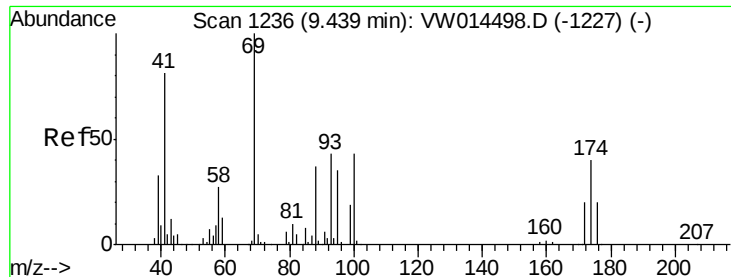
Tot Ion: 83 Resp: 517451
 Ion Ratio Lower Upper
 83 100
 85 63.3 50.6 76.0
 127 8.2 6.6 9.8



#48
 Methyl methacrylate
 Concen: 60.086 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion: 41 Resp: 263832
 Ion Ratio Lower Upper
 41 100
 69 85.4 68.3 102.5
 39 46.0 36.8 55.2

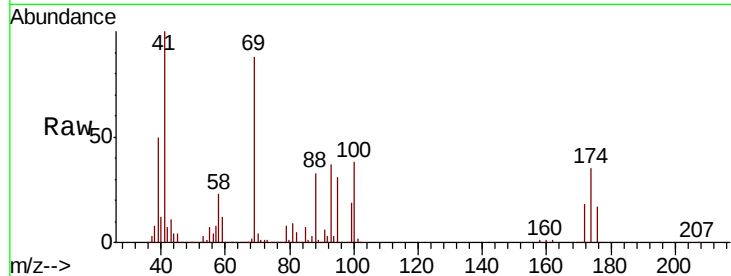




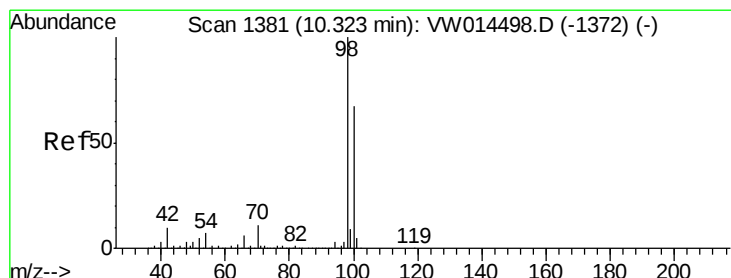
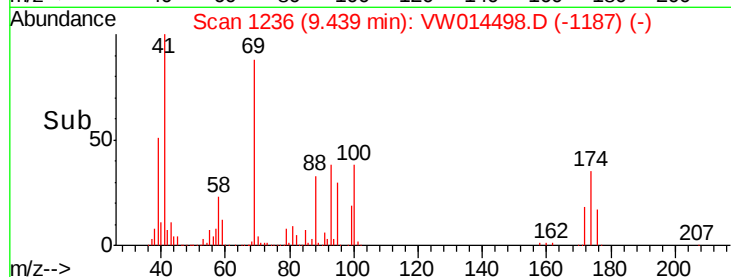
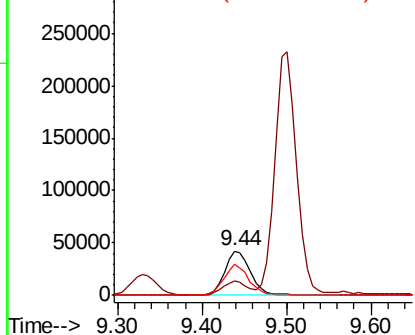
#49
1,4-Dioxane
Concen: 1393.446 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 86309
Ion Ratio Lower Upper
88 100
43 31.1 24.9 37.3
58 71.1 56.9 85.3

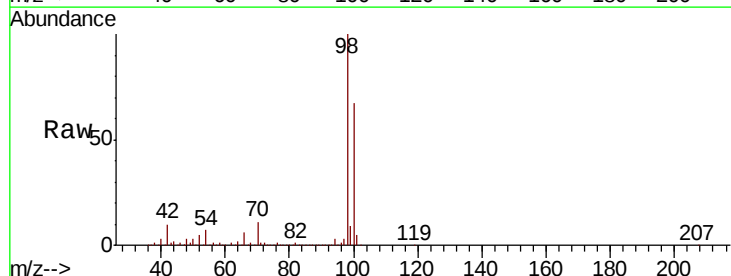


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

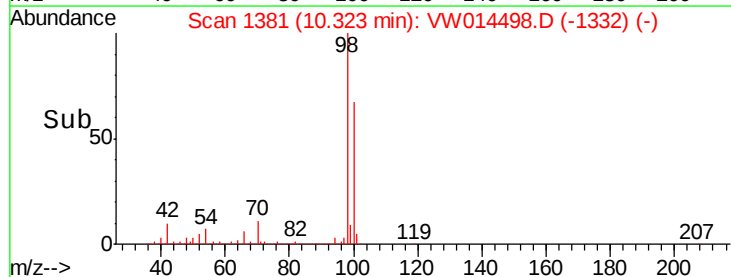
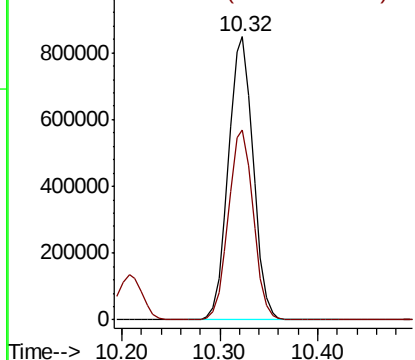


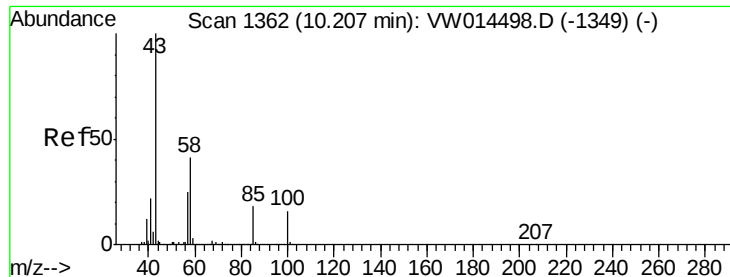
#50
Toluene-d8
Concen: 53.074 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 98 Resp: 1490414
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.6



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

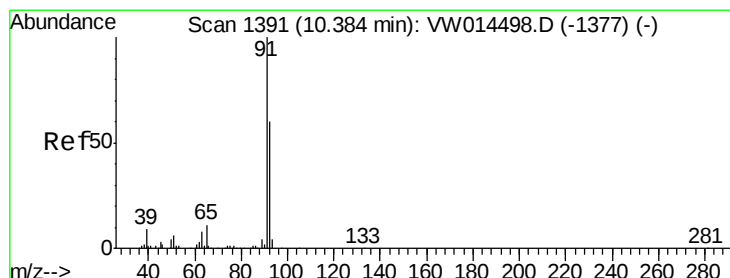
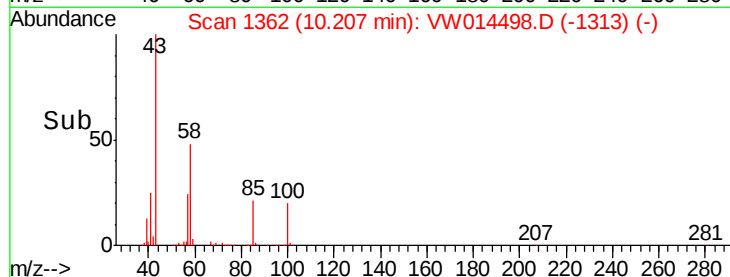
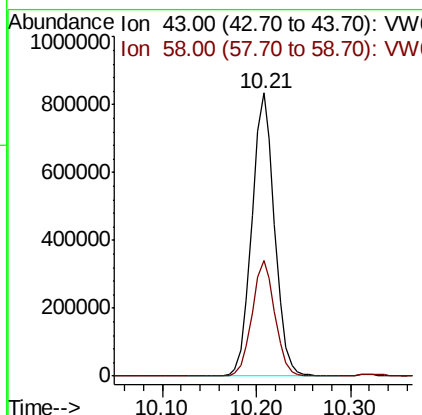
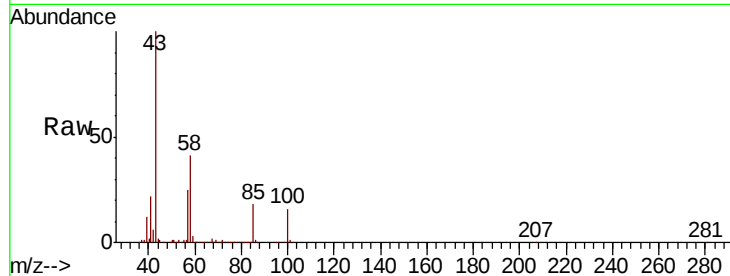




#51
4-Methyl-2-Pentanone
Concen: 315.002 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

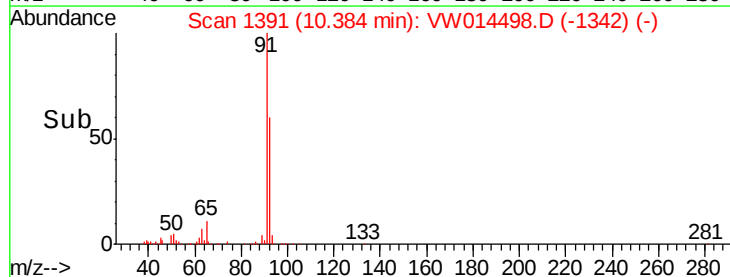
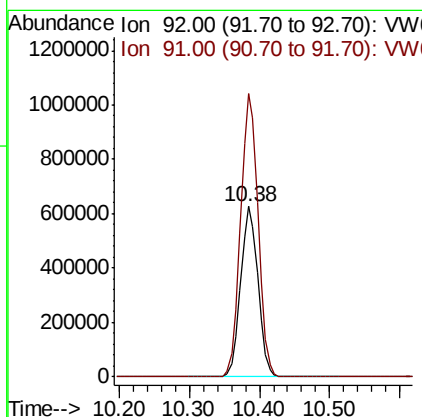
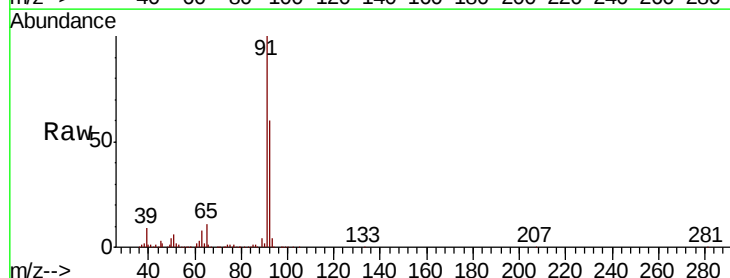
Instrument :
MSVOA_W
ClientSampled :

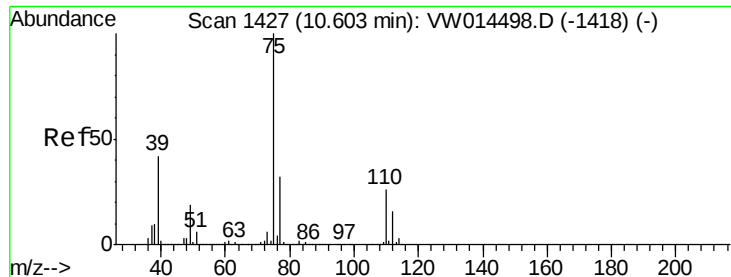
Tot Ion: 43 Resp: 1414836
Ion Ratio Lower Upper
43 100
58 40.9 32.7 49.1



#52
Toluene
Concen: 50.727 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 92 Resp: 1076756
Ion Ratio Lower Upper
92 100
91 167.6 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 54.297 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

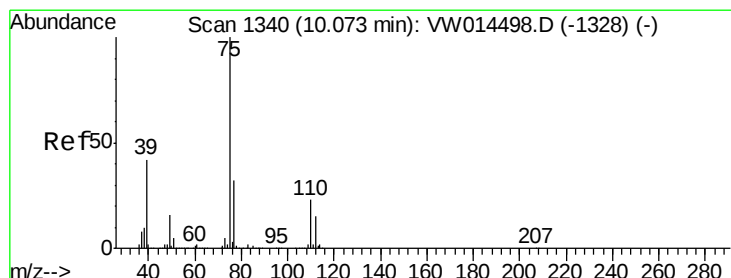
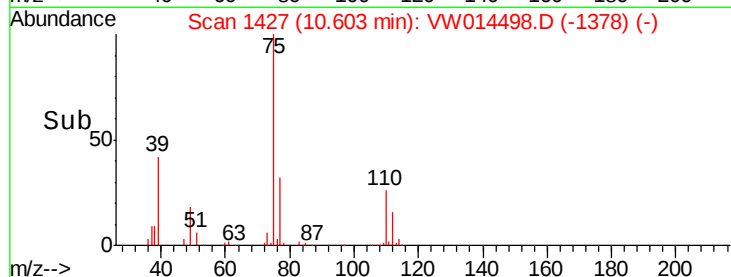
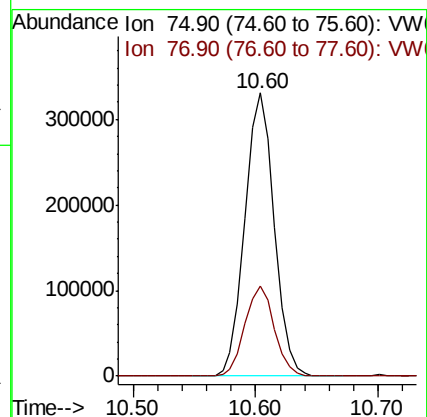
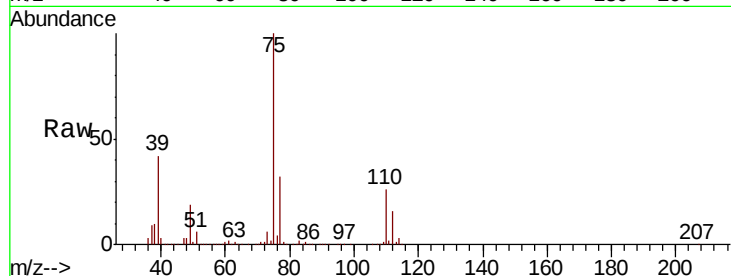
ClientSampleId :

Tot Ion: 75 Resp: 549482

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.237 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

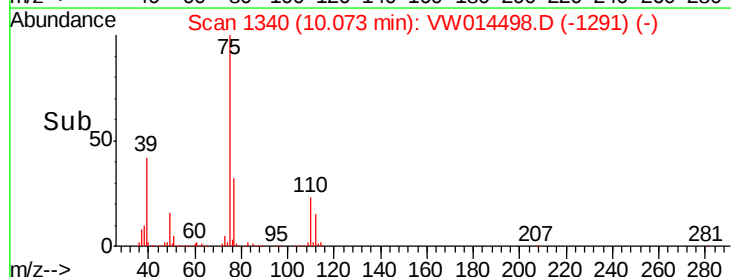
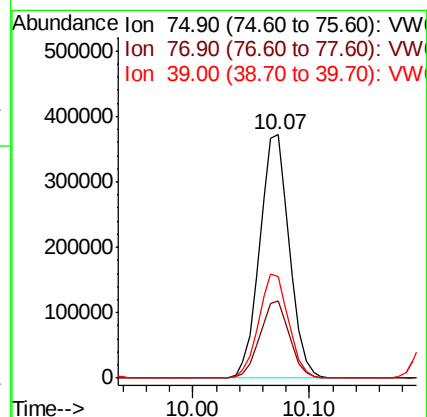
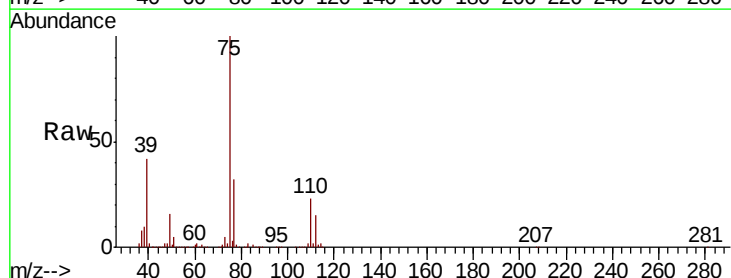
Tgt Ion: 75 Resp: 662119

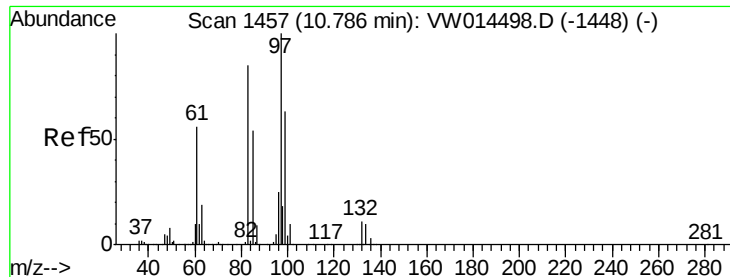
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 41.8 33.4 50.2

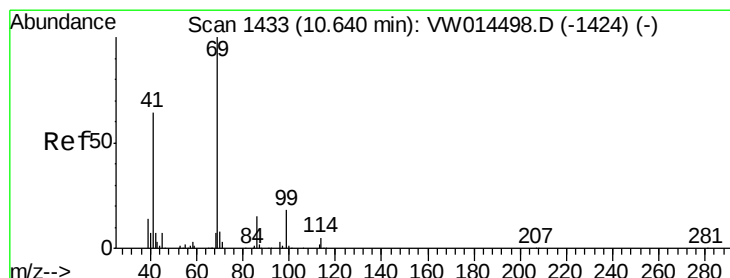
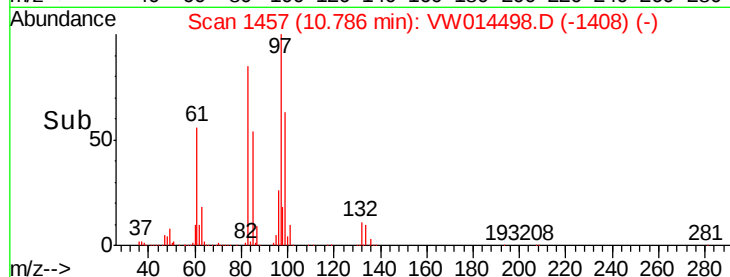
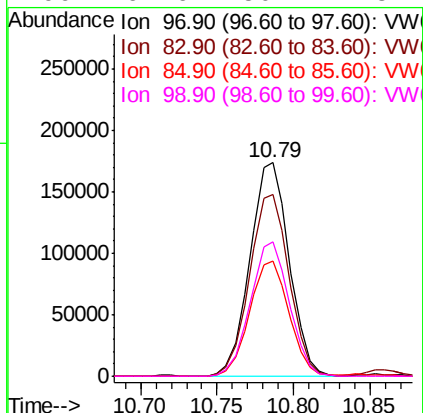
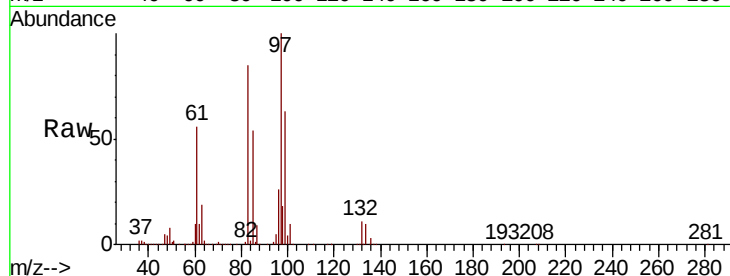




#55
 1,1,2-Trichloroethane
 Concen: 53.536 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

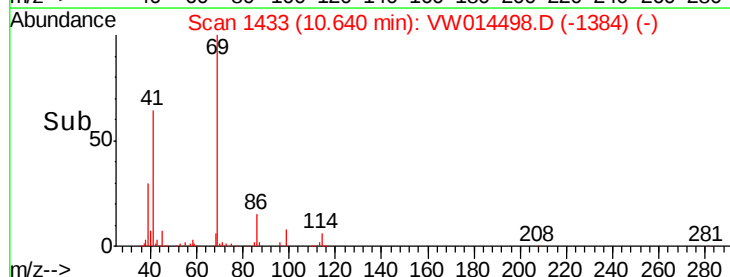
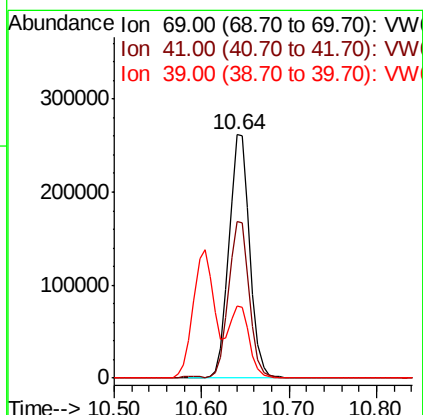
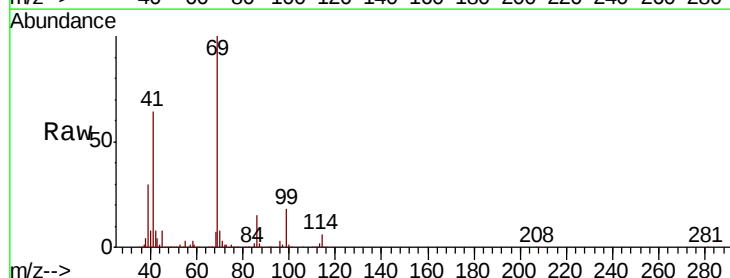
Instrument :
 MSVOA_W
 ClientSampleId :

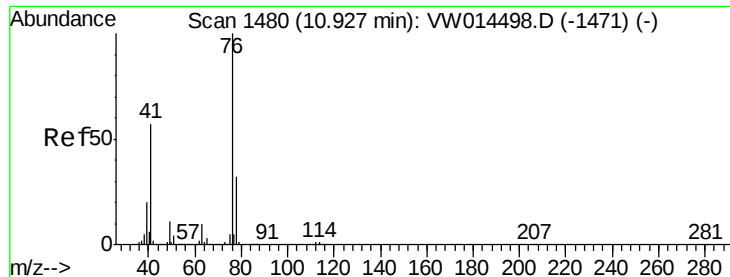
Tot Ion:	97	Resp:	310062
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.4
85	53.7	43.0	64.4
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 58.760 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion:	69	Resp:	431656
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.3	76.9
39	26.3	21.0	31.6

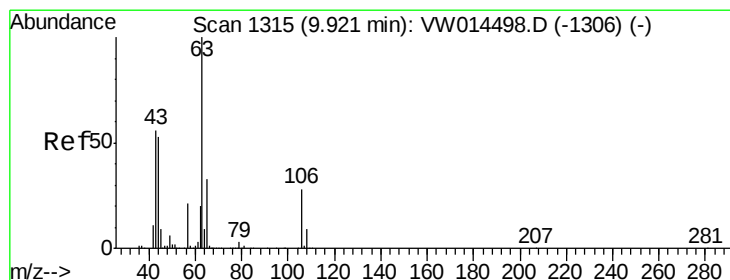
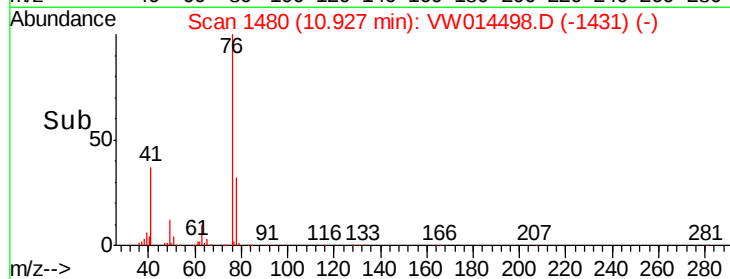
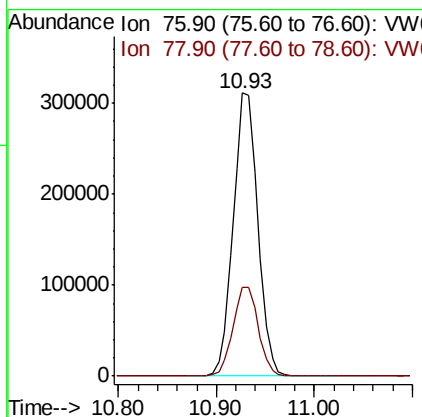
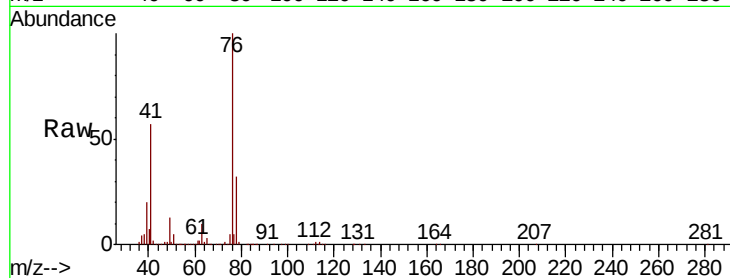




#57
 1,3-Dichloropropane
 Concen: 54.636 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

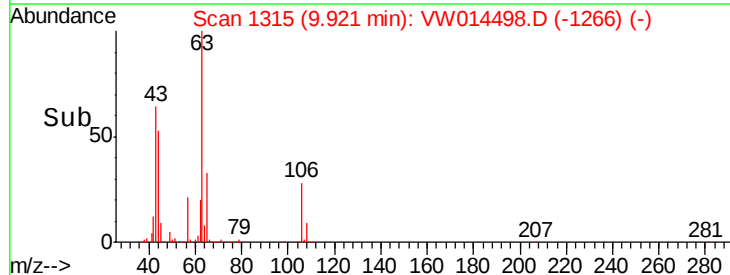
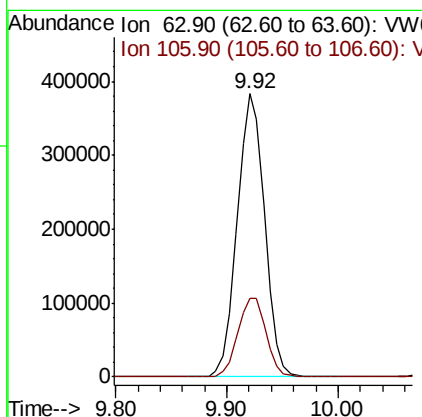
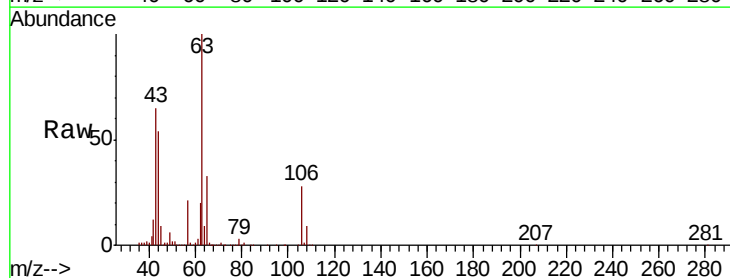
Instrument :
 MSVOA_W
 ClientSampleId :

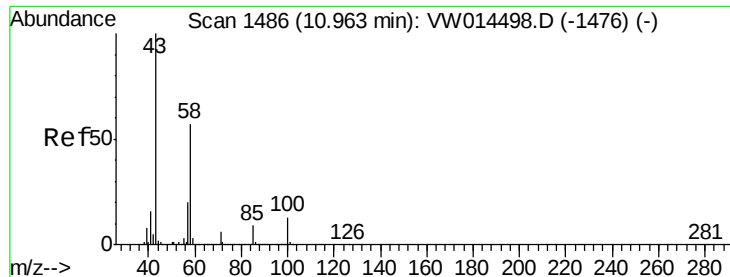
Tot Ion: 76 Resp: 543133
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 207.586 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion: 63 Resp: 650832
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6

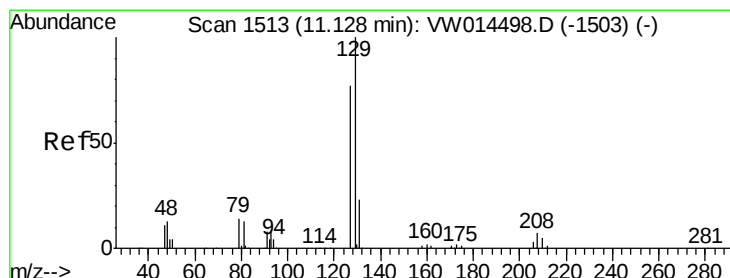
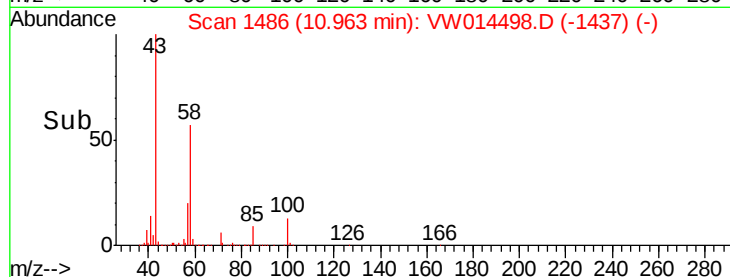
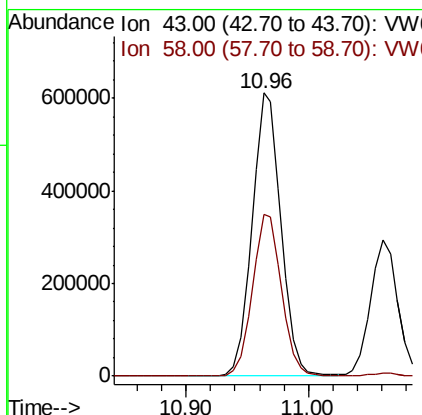
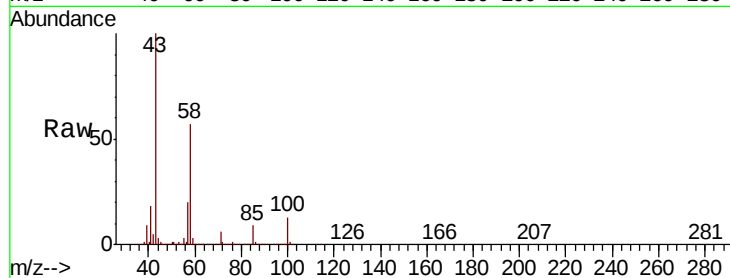




#59
2-Hexanone
Concen: 323.705 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

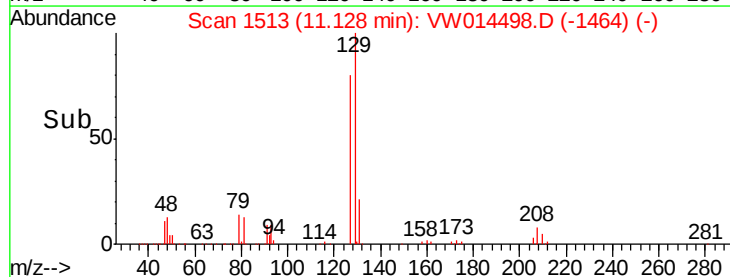
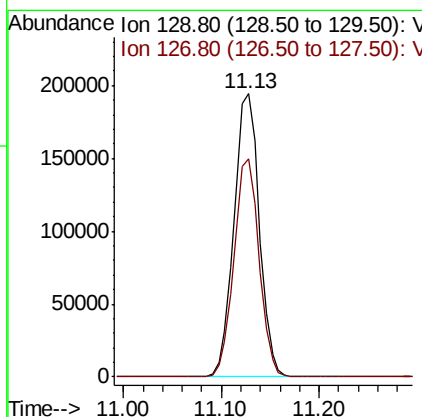
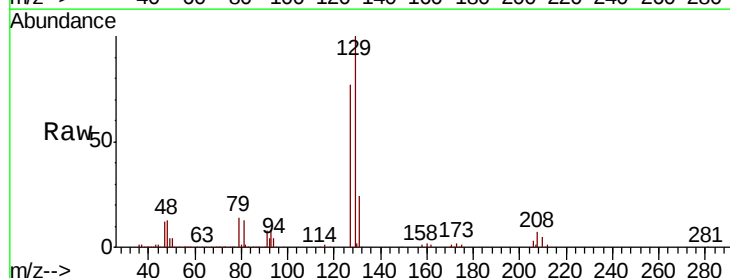
Instrument :
MSVOA_W
ClientSampled :

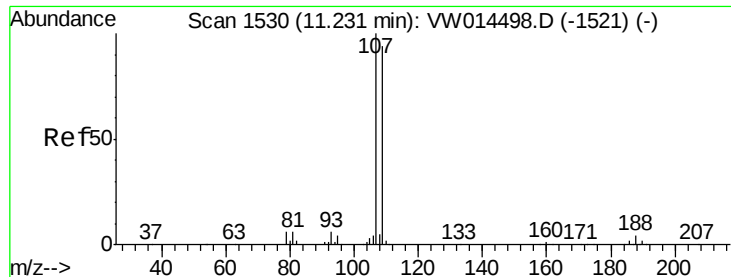
Tot Ion: 43 Resp: 1000514
Ion Ratio Lower Upper
43 100
58 57.5 28.7 86.3



#60
Dibromochloromethane
Concen: 51.593 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 129 Resp: 350162
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 54.263 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

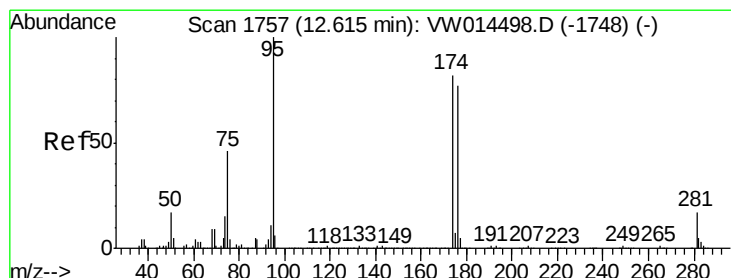
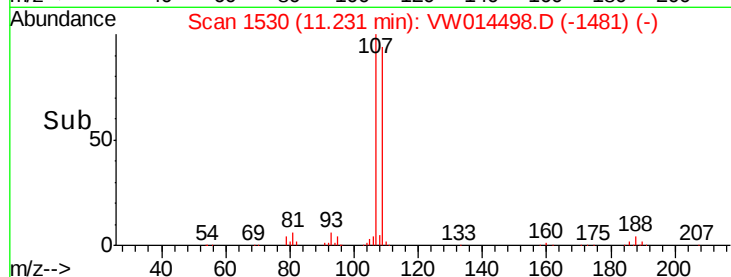
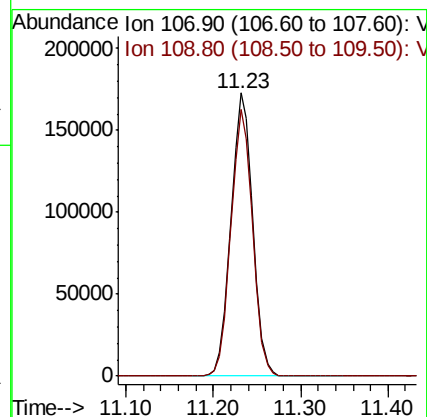
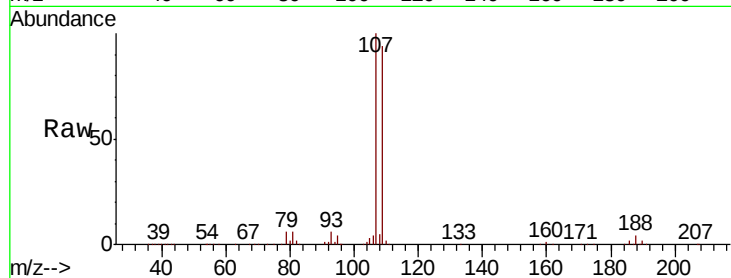
ClientSampleId :

Tot Ion: 107 Resp: 297768

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 53.143 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

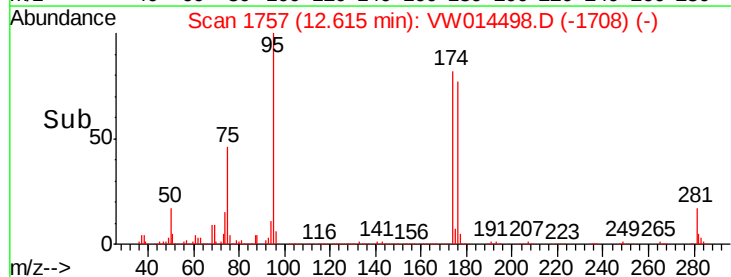
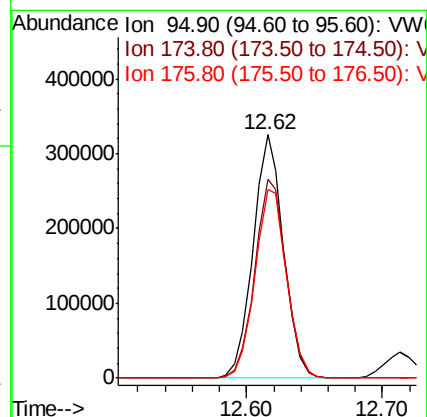
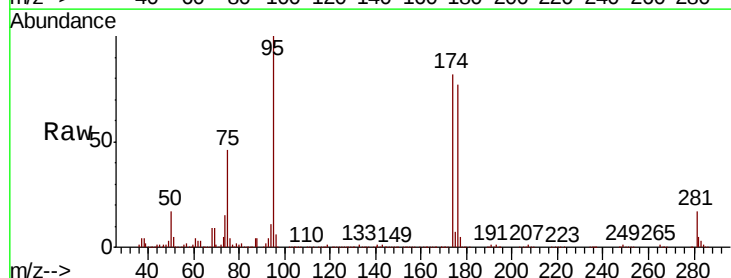
Tgt Ion: 95 Resp: 506928

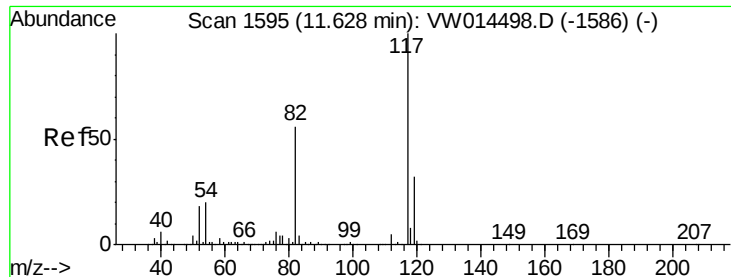
Ion Ratio Lower Upper

95 100

174 84.3 0.0 168.6

176 81.0 0.0 162.0

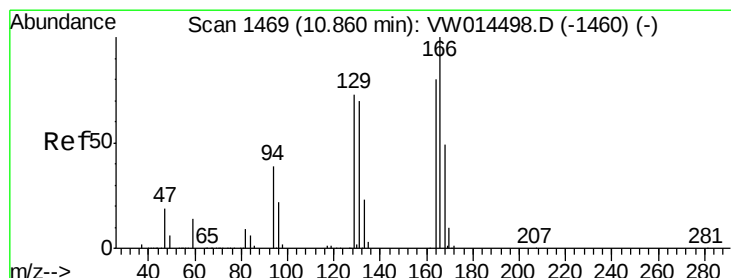
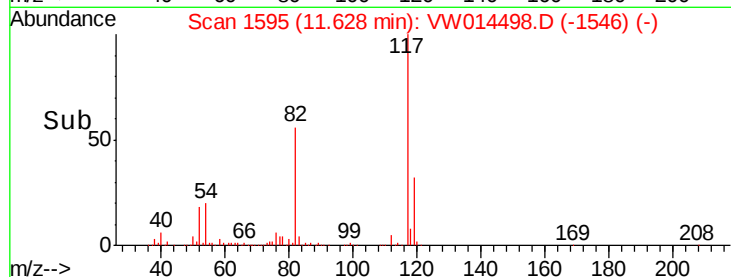
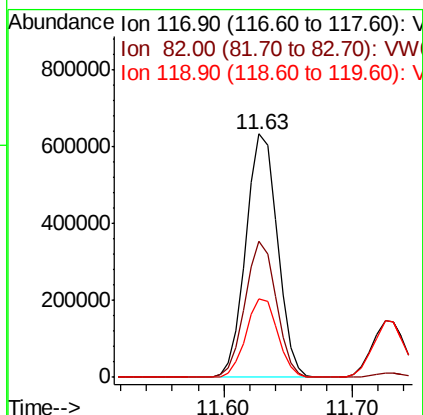
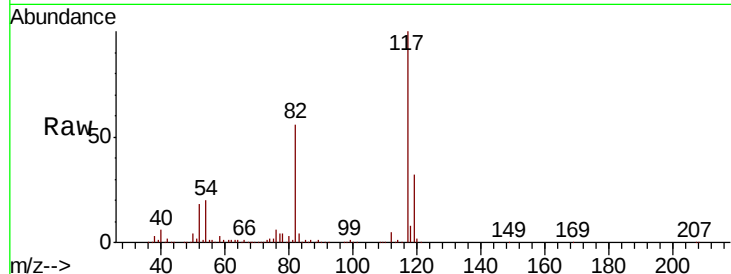




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

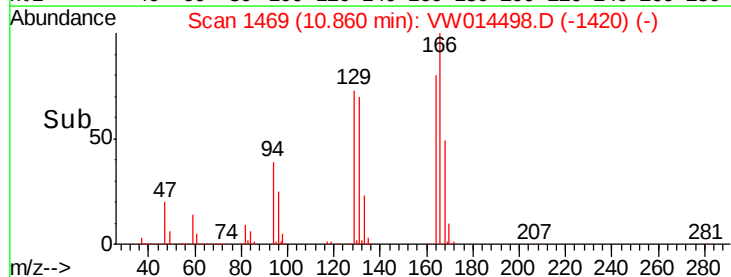
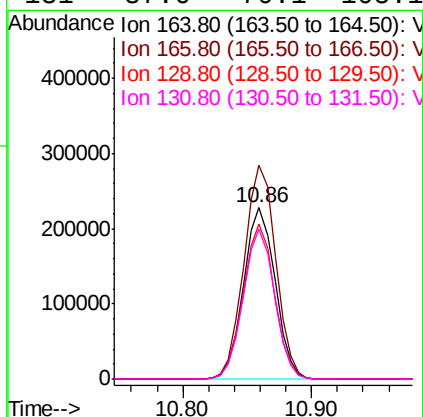
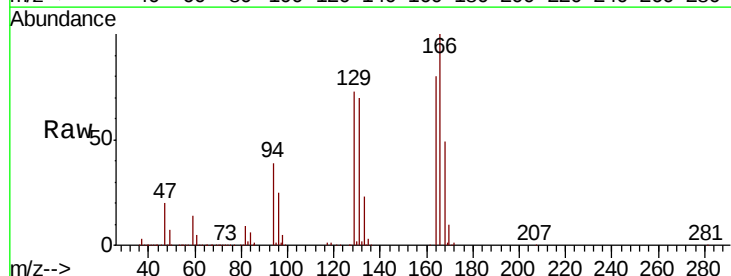
Instrument :
MSVOA_W
ClientSampleId :

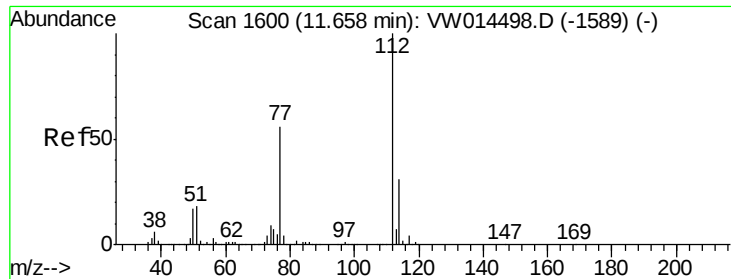
Tot Ion:117 Resp: 1074877
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 47.233 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:164 Resp: 384322
Ion Ratio Lower Upper
164 100
166 124.7 99.8 149.6
129 90.5 72.4 108.6
131 87.6 70.1 105.1

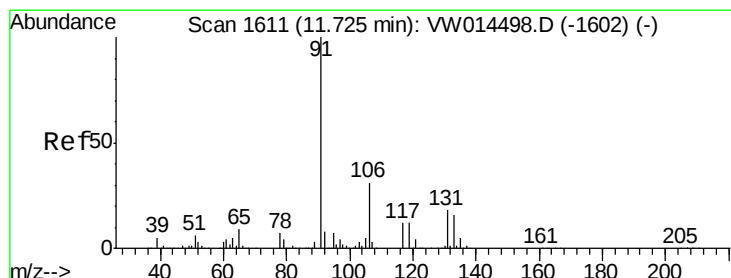
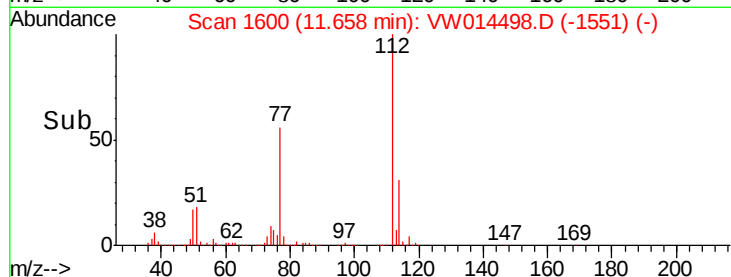
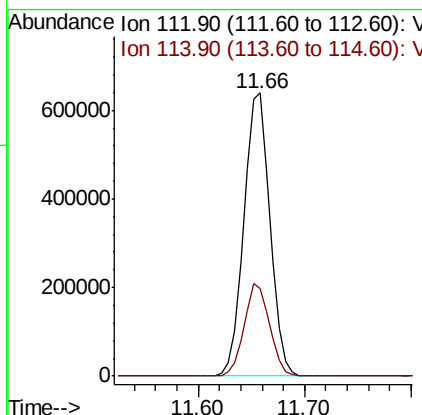
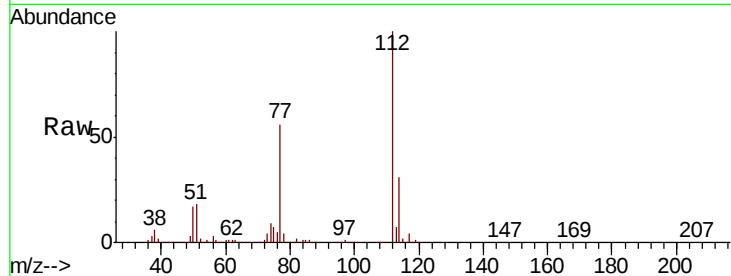




#65
Chlorobenzene
Concen: 49.769 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

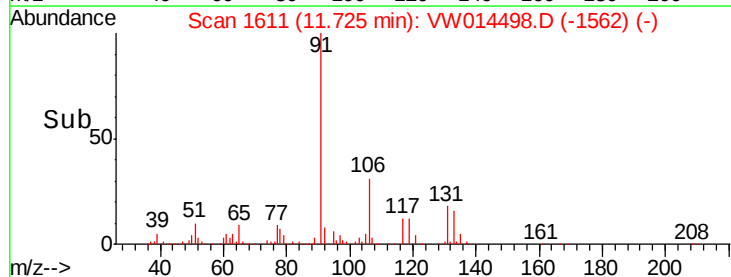
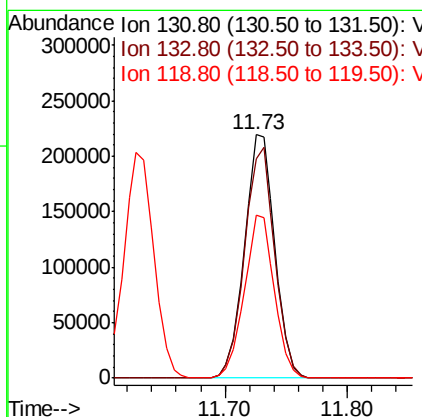
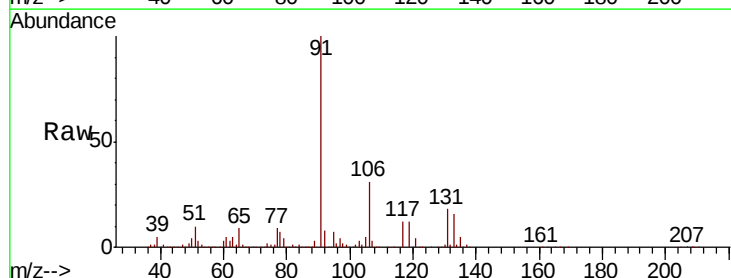
Instrument :
MSVOA_W
ClientSampleId :

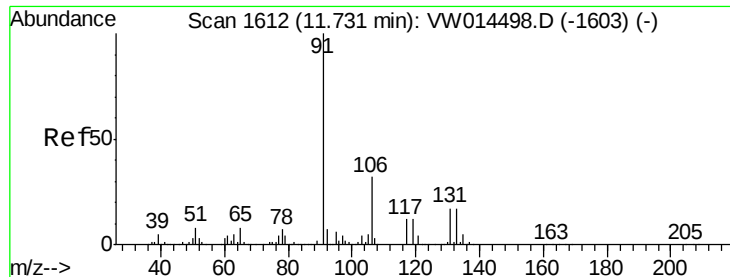
Tot Ion:112 Resp: 1098824
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.074 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:131 Resp: 376393
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 66.2 33.1 99.3

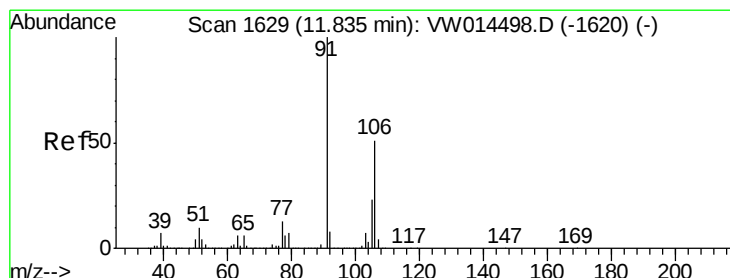
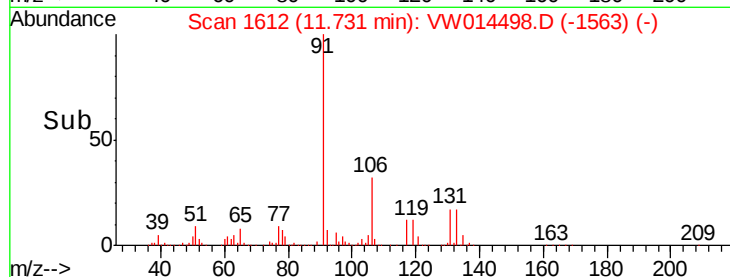
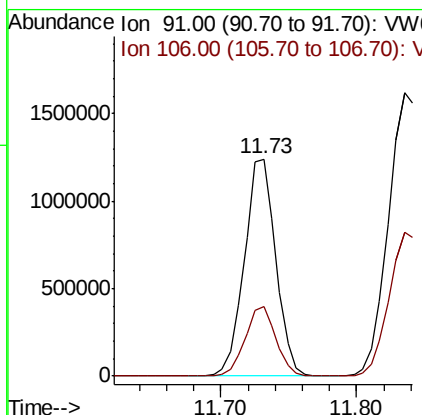
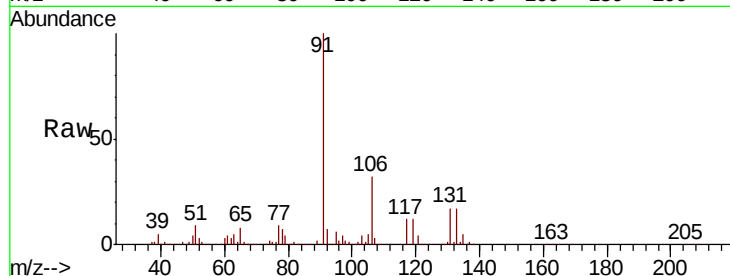




#67
Ethyl Benzene
Concen: 50.425 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

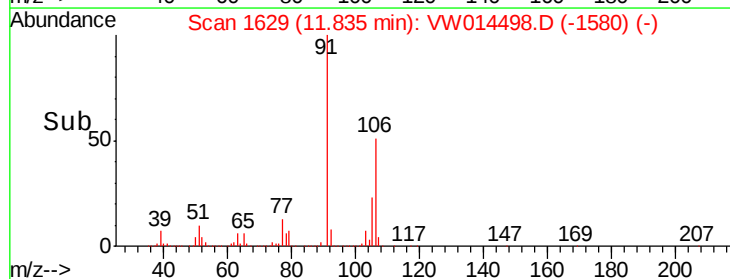
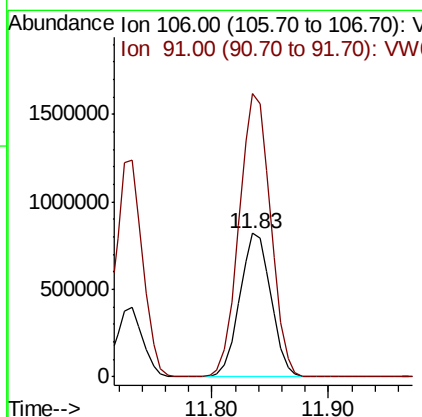
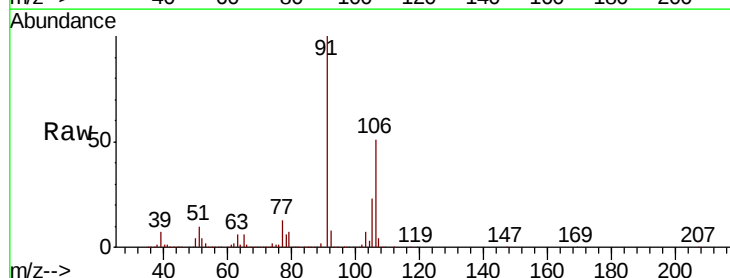
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 2006806
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 99.835 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 106 Resp: 1533535
Ion Ratio Lower Upper
106 100
91 198.8 159.0 238.6

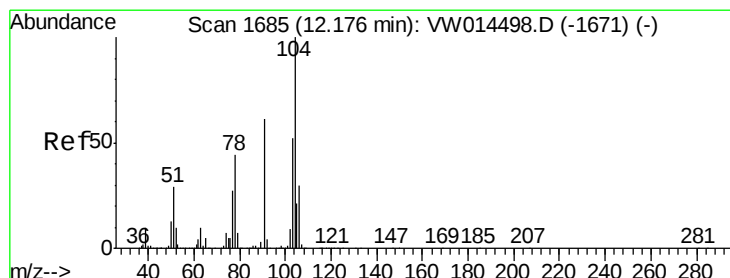
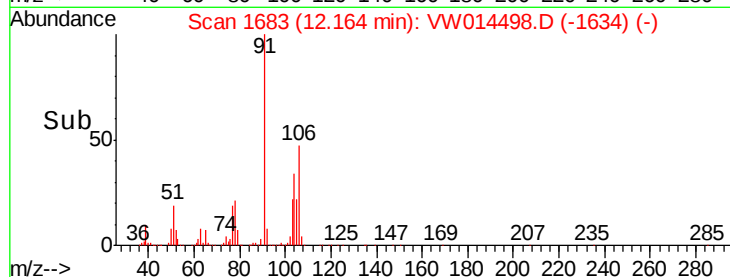
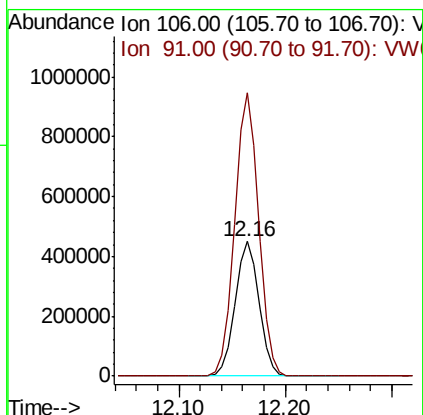
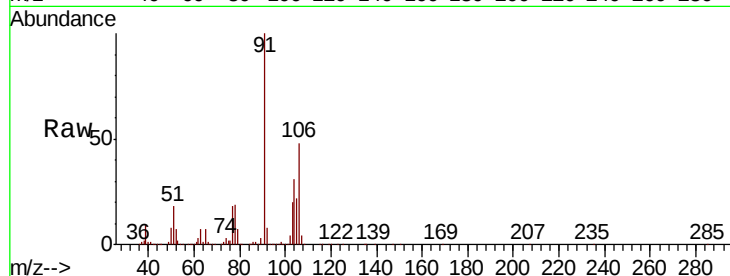




#69
o-Xylene
Concen: 50.065 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

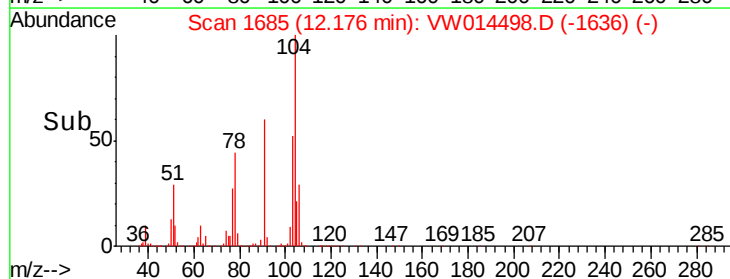
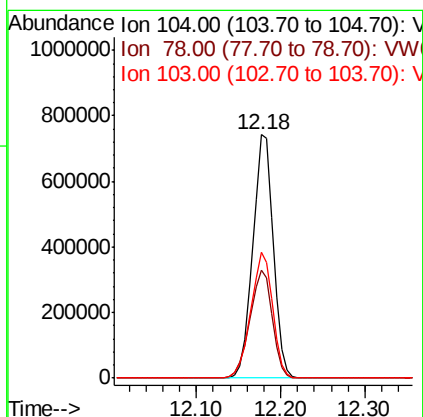
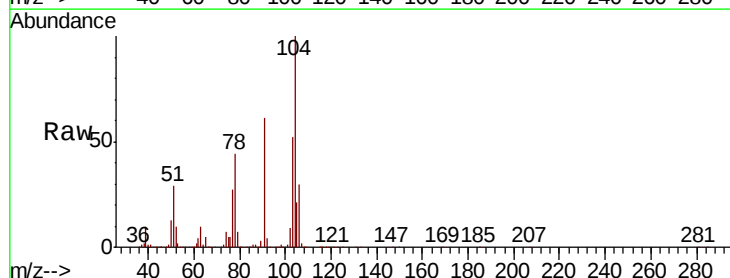
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 706966
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.6



#70
Styrene
Concen: 50.482 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:104 Resp: 1221970
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 54.6 43.7 65.5

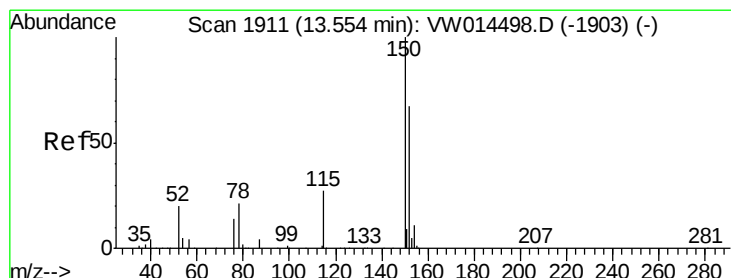
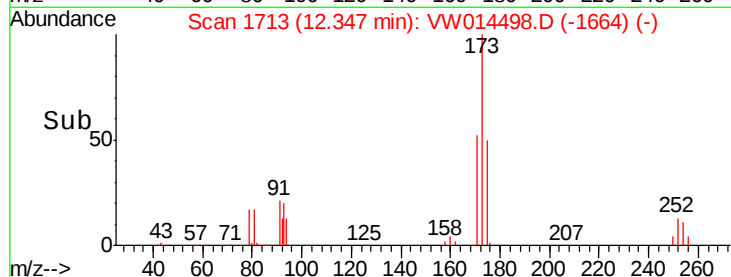
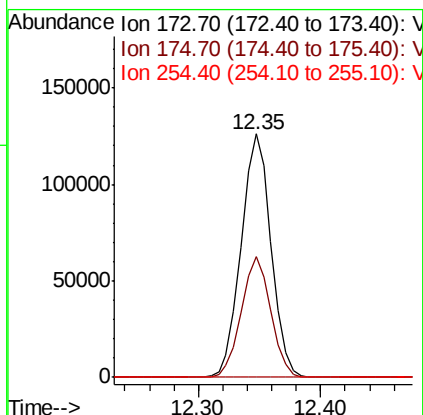
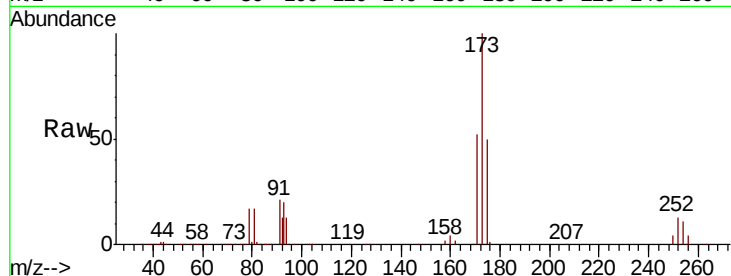




#71
Bromoform
Concen: 52.107 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

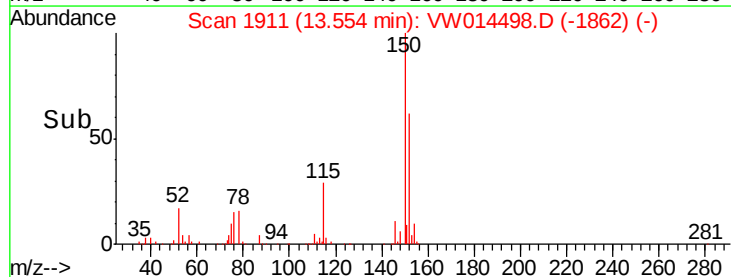
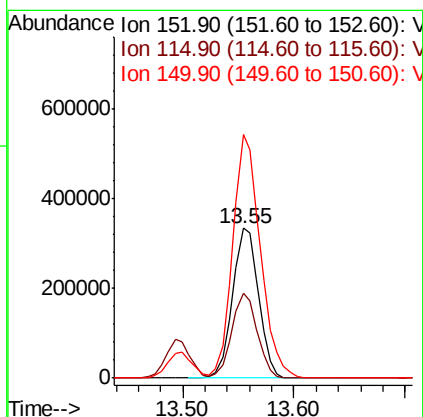
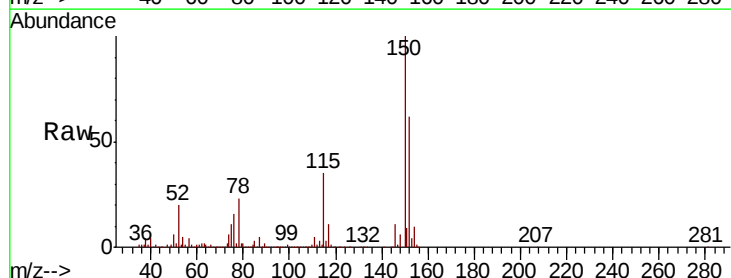
Instrument :
MSVOA_W
ClientSampleId :

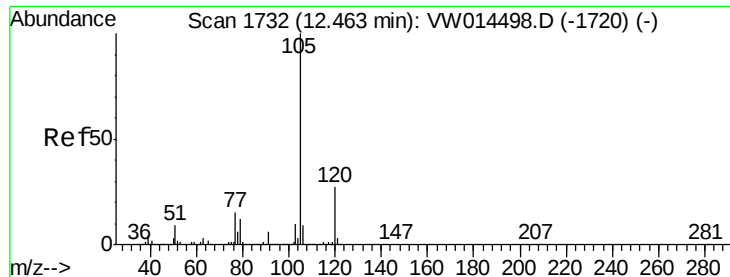
Tot Ion:173 Resp: 212921
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:152 Resp: 539902
Ion Ratio Lower Upper
152 100
115 55.4 27.7 83.1
150 171.7 0.0 343.4





#73

Isopropylbenzene

Concen: 50.680 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

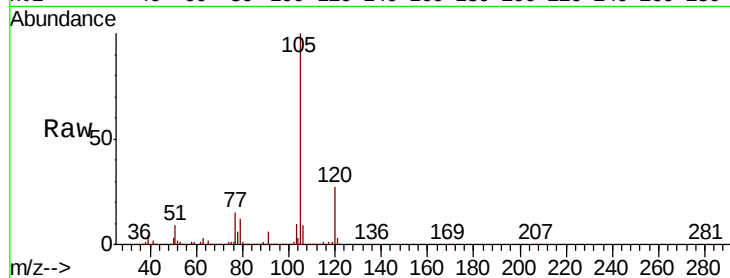
ClientSampled :

Tot Ion:105 Resp: 1968096

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

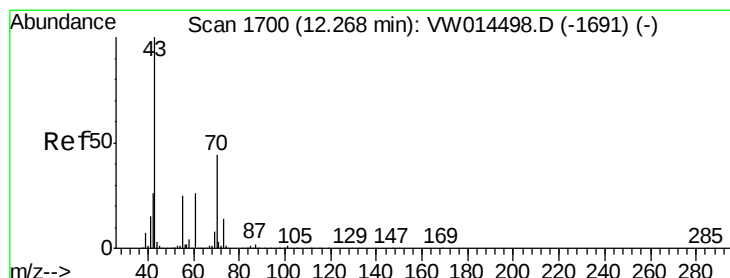
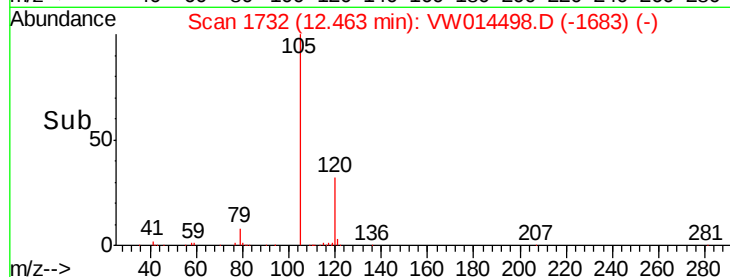
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 60.865 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Tgt Ion: 43 Resp: 477939

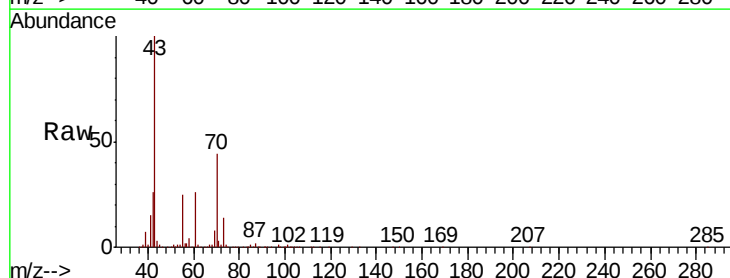
Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 26.1 20.9 31.3

61 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

500000

400000

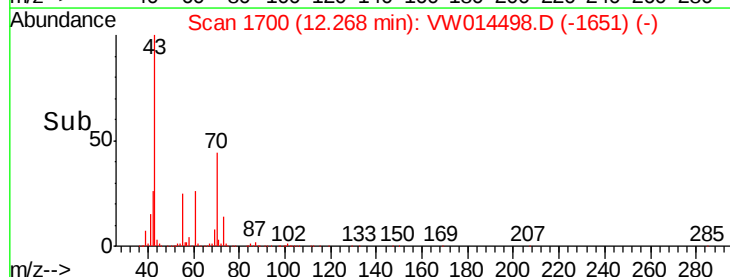
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.091 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

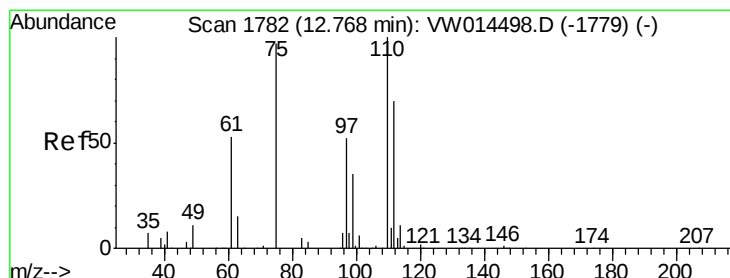
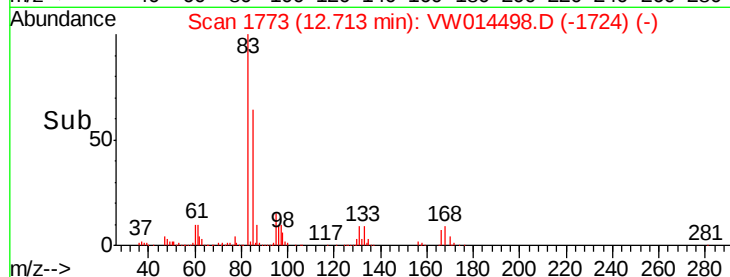
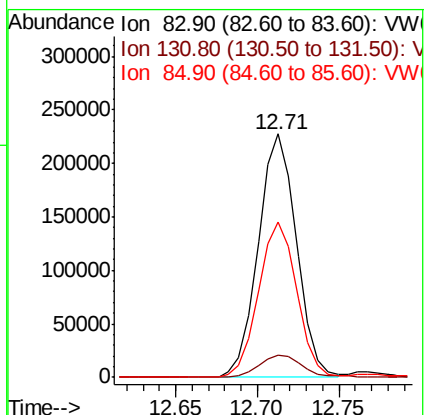
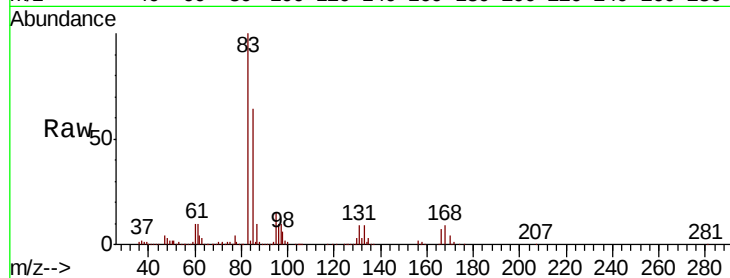
Tot Ion: 83 Resp: 370335

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 111.857 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014498.D

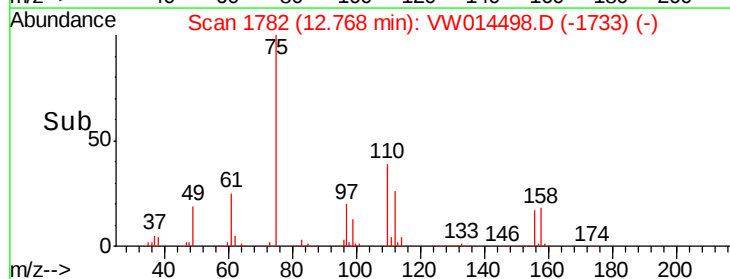
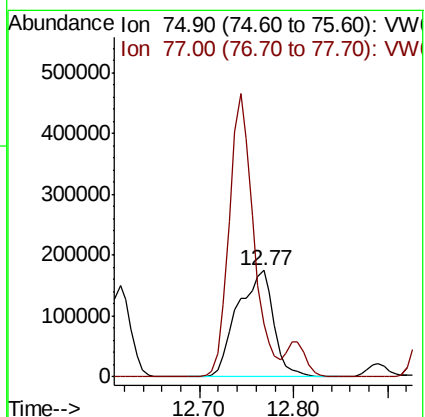
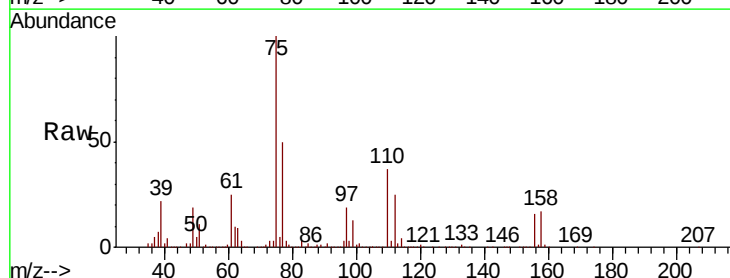
Acq: 03 Jan 2020 14:48

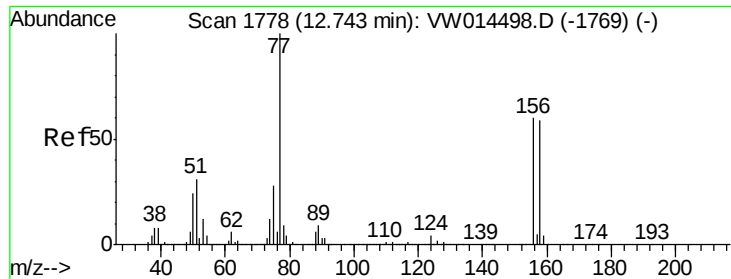
Tgt Ion: 75 Resp: 470581

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

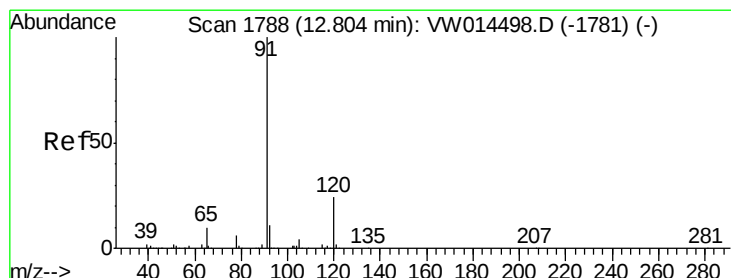
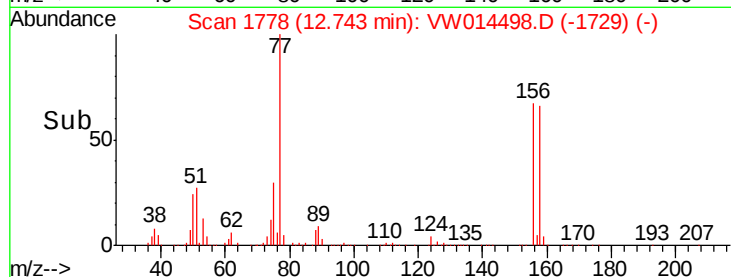
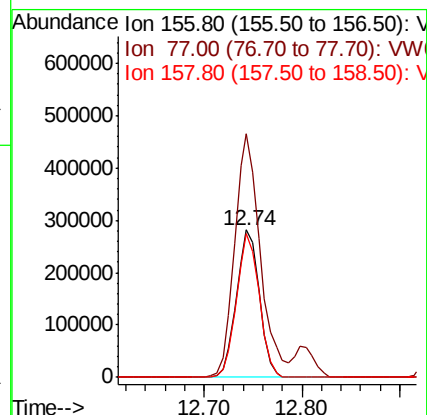
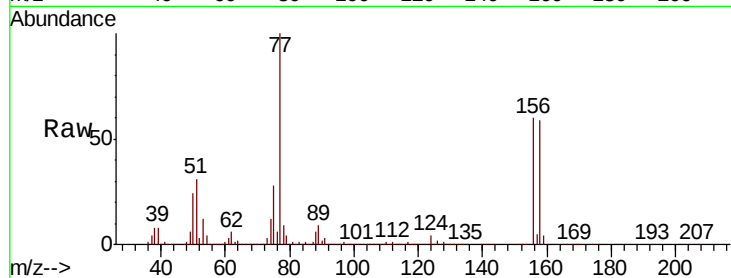




#77
Bromobenzene
Concen: 49.427 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

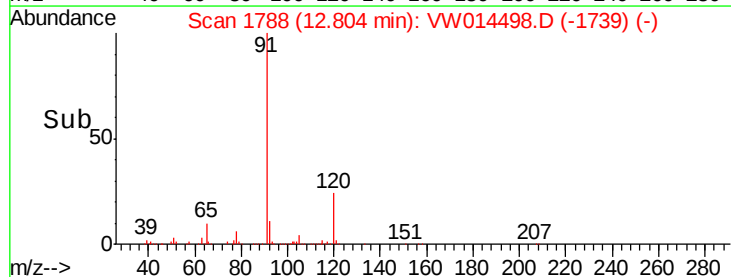
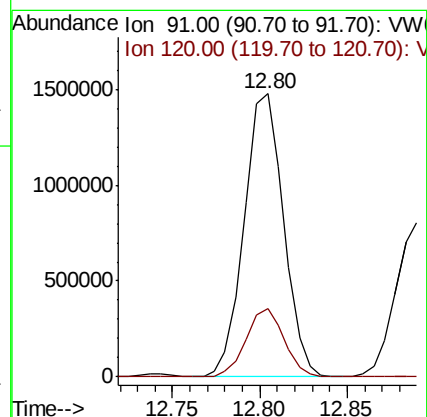
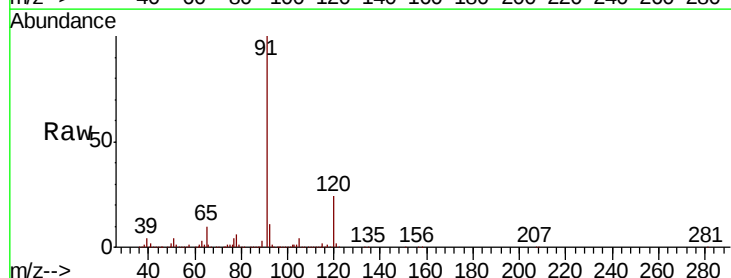
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:156 Resp: 457088
Ion Ratio Lower Upper
156 100
77 184.7 92.3 277.1
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 51.334 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion: 91 Resp: 2311957
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1





#79

2-Chlorotoluene

Concen: 51.327 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

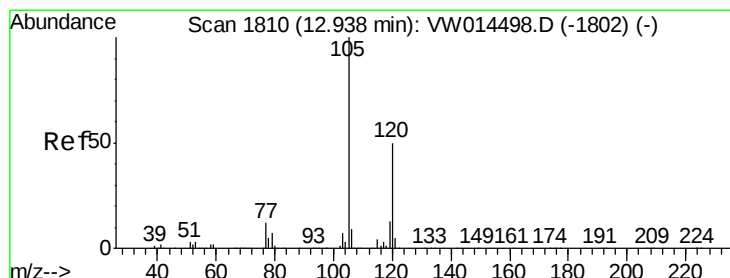
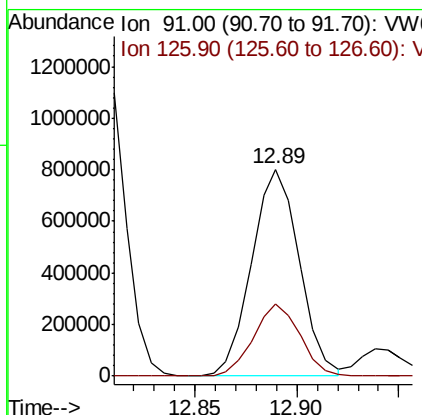
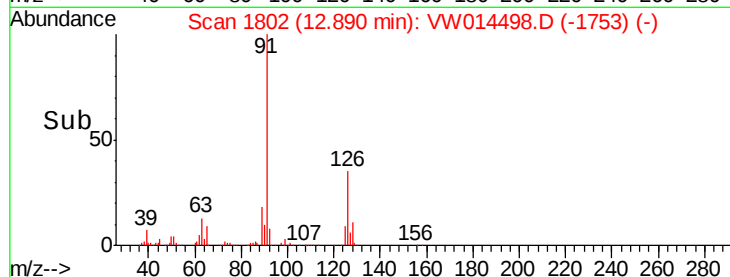
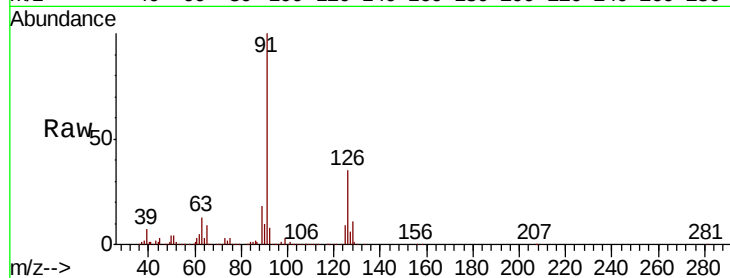
ClientSampleId :

Tot Ion: 91 Resp: 1300629

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 50.432 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014498.D

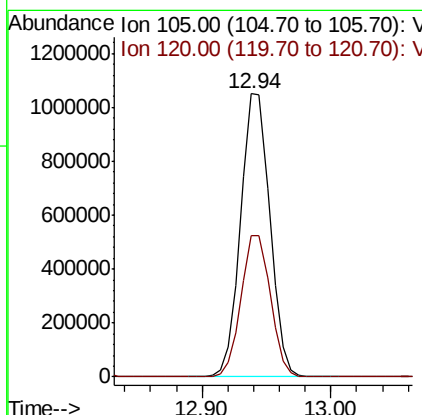
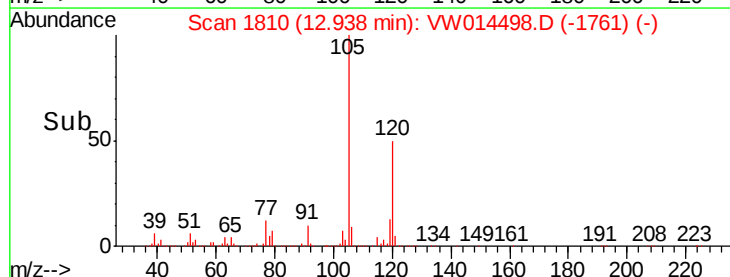
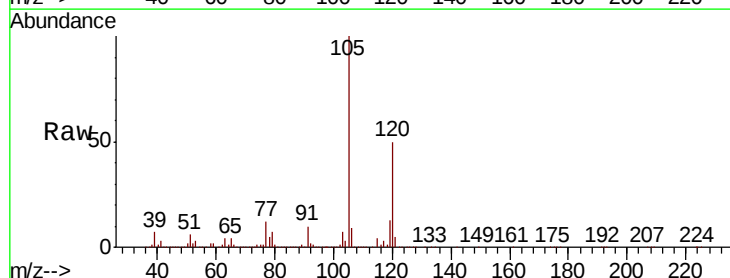
Acq: 03 Jan 2020 14:48

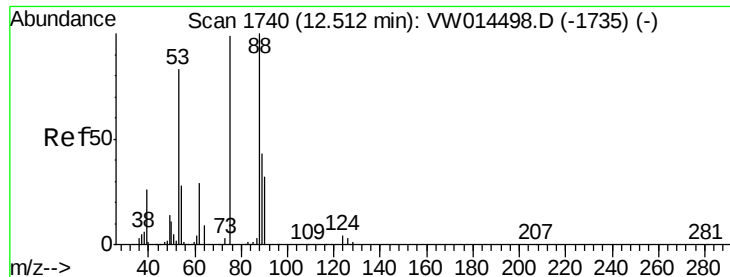
Tgt Ion:105 Resp: 1647709

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 58.445 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

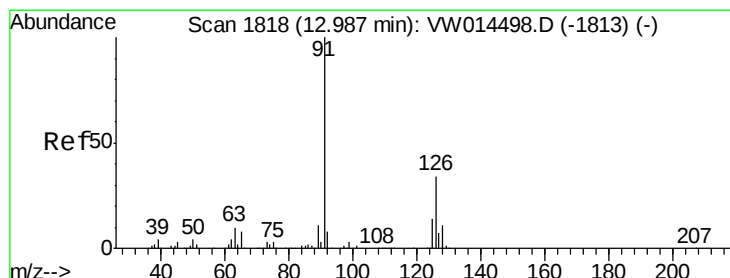
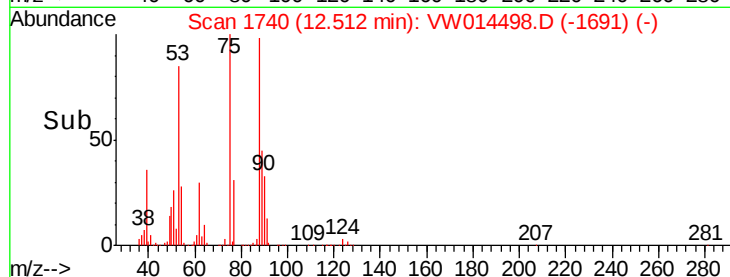
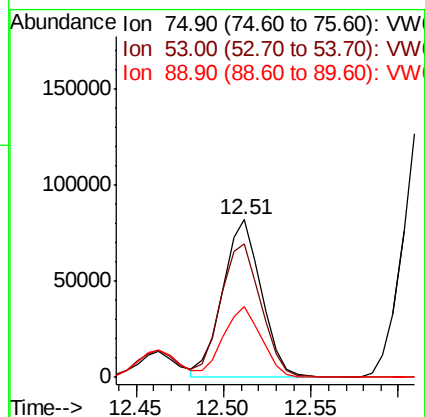
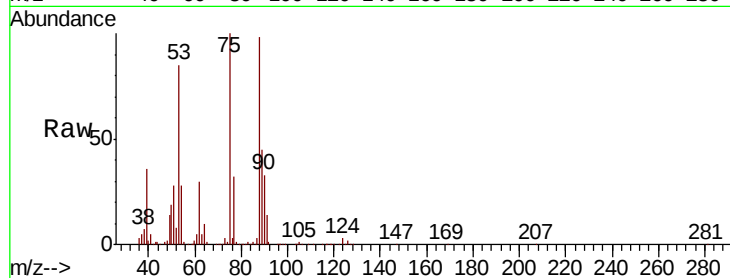
Tot Ion: 75 Resp: 124742

Ion Ratio Lower Upper

75 100

53 88.6 70.9 106.3

89 44.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.847 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014498.D

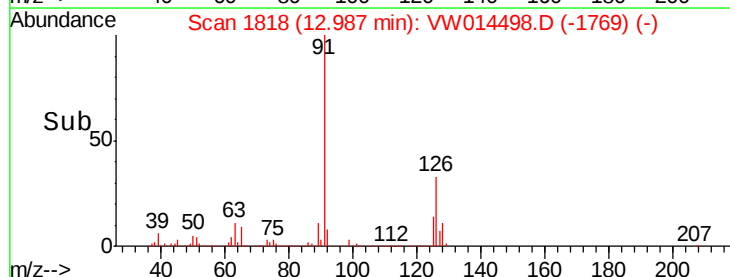
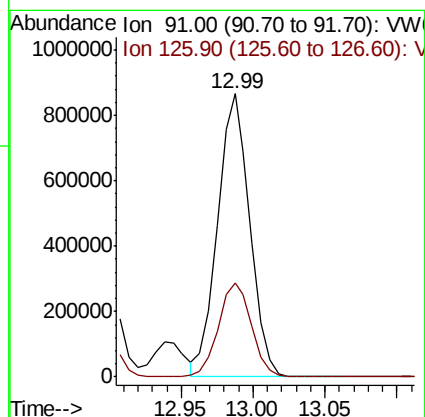
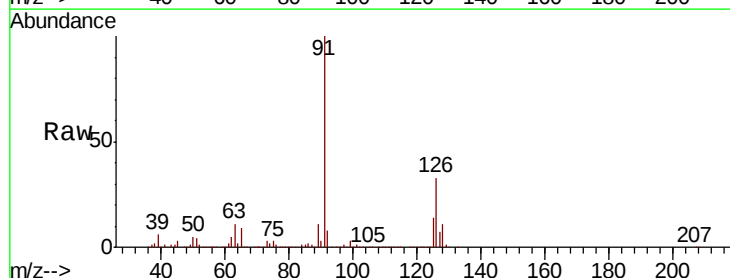
Acq: 03 Jan 2020 14:48

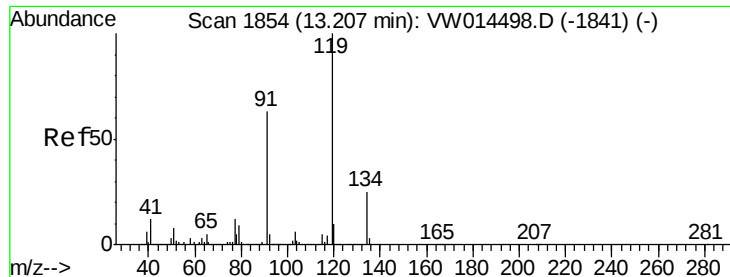
Tgt Ion: 91 Resp: 1348011

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 49.980 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

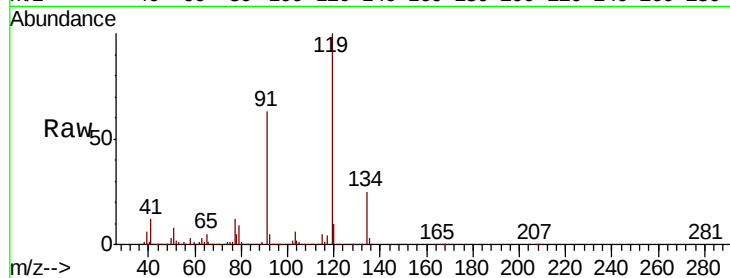
Tot Ion:119 Resp: 1448644

Ion Ratio Lower Upper

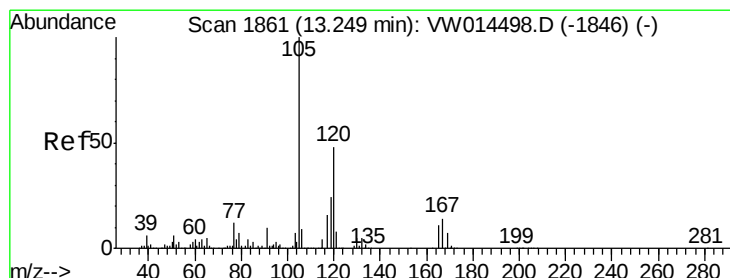
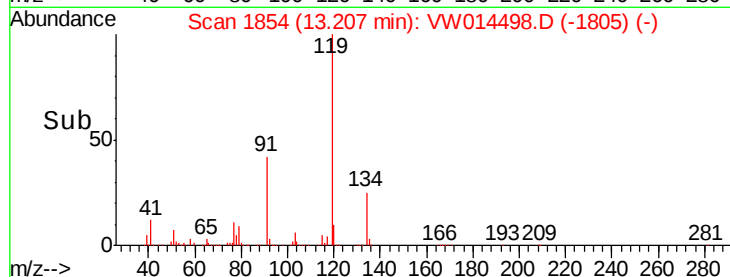
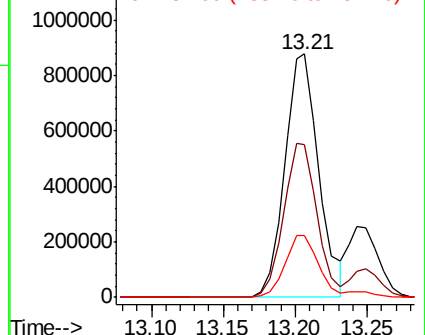
119 100

91 62.2 31.1 93.3

134 27.0 13.5 40.5



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



#84

1,2,4-Trimethylbenzene

Concen: 50.897 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014498.D

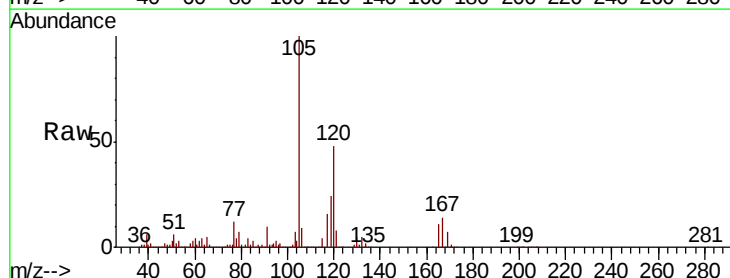
Acq: 03 Jan 2020 14:48

Tgt Ion:105 Resp: 1643270

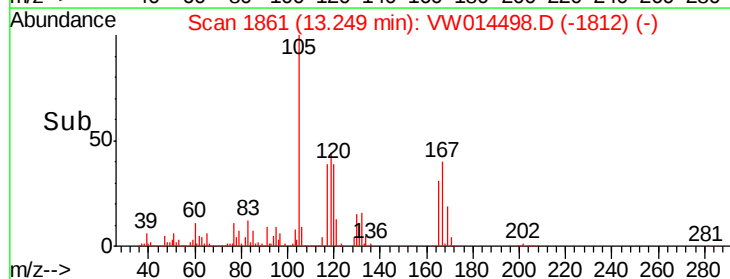
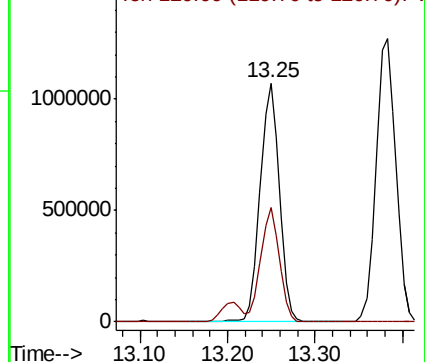
Ion Ratio Lower Upper

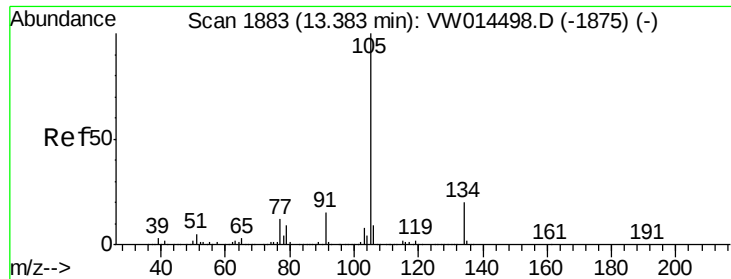
105 100

120 46.7 23.4 70.0



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

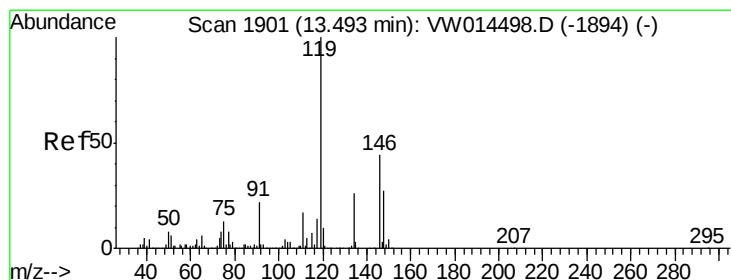
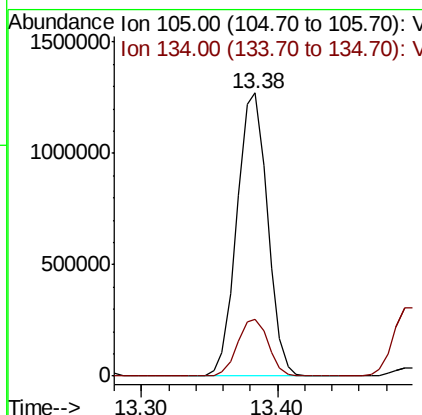
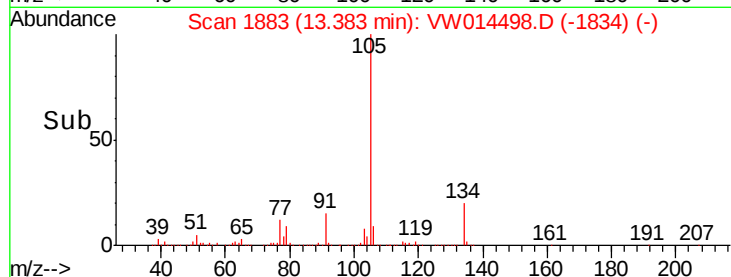
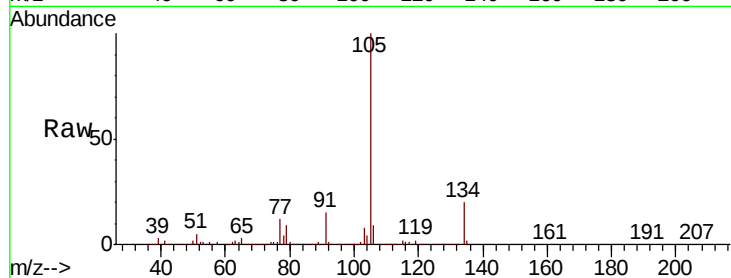




#85
 sec-Butylbenzene
 Concen: 50.255 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

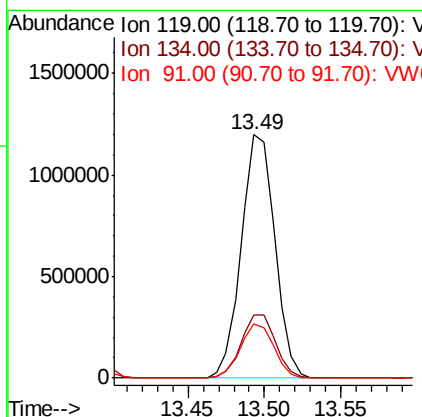
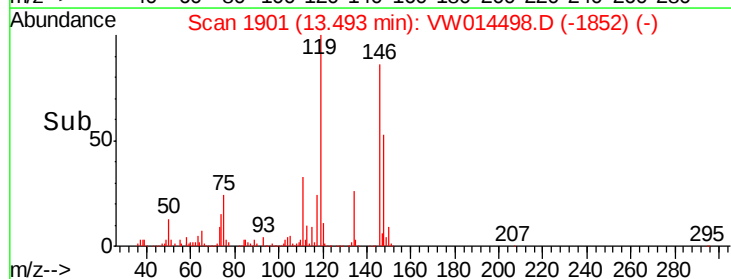
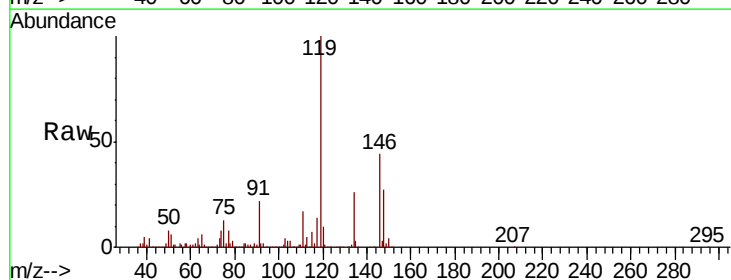
Instrument :
 MSVOA_W
 ClientSampled :

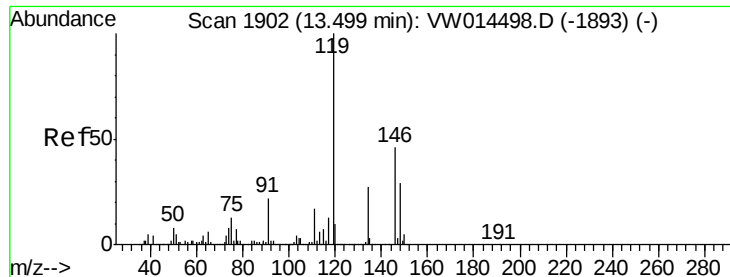
Tot Ion:105 Resp: 1995571
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.641 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion:119 Resp: 1830321
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.281 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

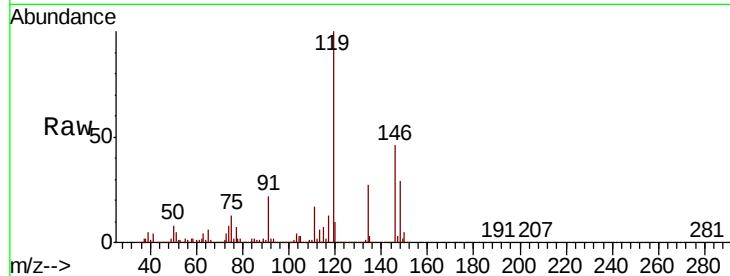
Tot Ion:146 Resp: 881417

Ion Ratio Lower Upper

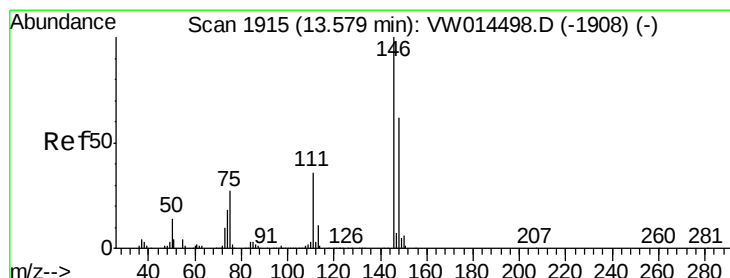
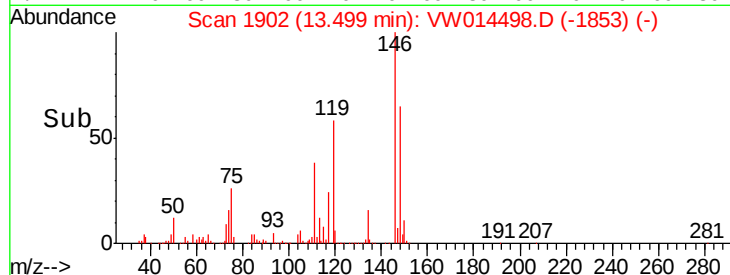
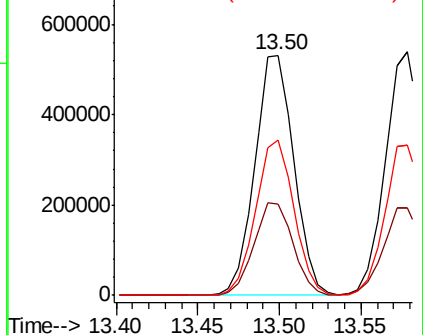
146 100

111 38.6 19.3 57.9

148 63.6 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 48.918 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

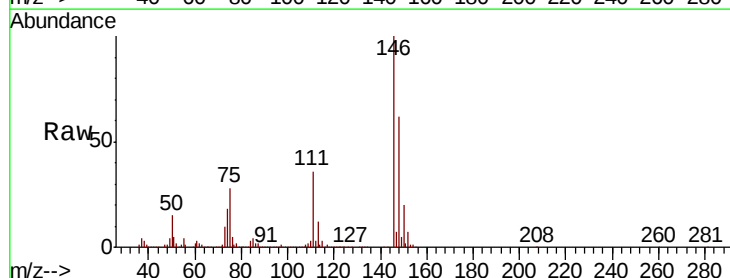
Tgt Ion:146 Resp: 870880

Ion Ratio Lower Upper

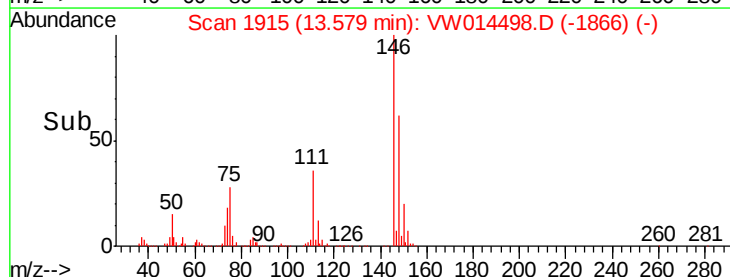
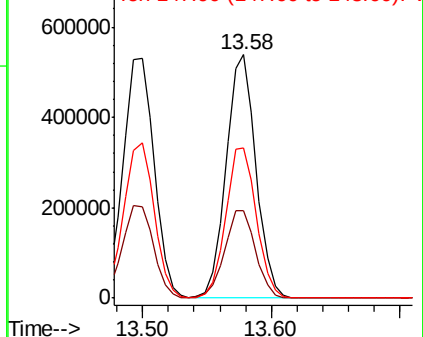
146 100

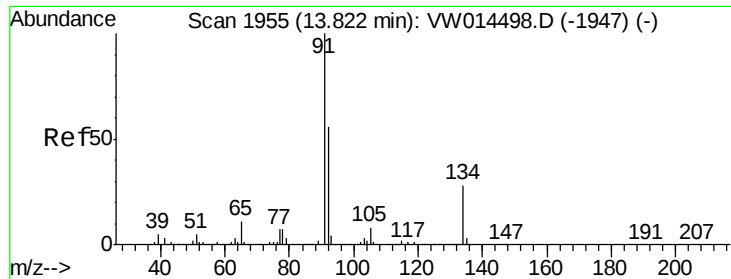
111 37.4 18.7 56.1

148 63.4 31.7 95.1



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





#89

n-Butylbenzene

Concen: 51.514 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014498.D

Acq: 03 Jan 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

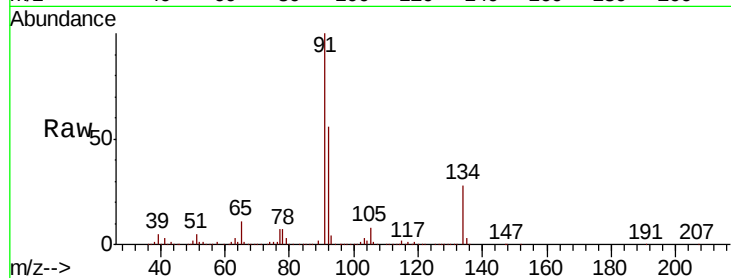
Tot Ion: 91 Resp: 1722930

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.5
134	27.4	13.7	41.1

91 100

92 55.0 27.5 82.5

134 27.4 13.7 41.1

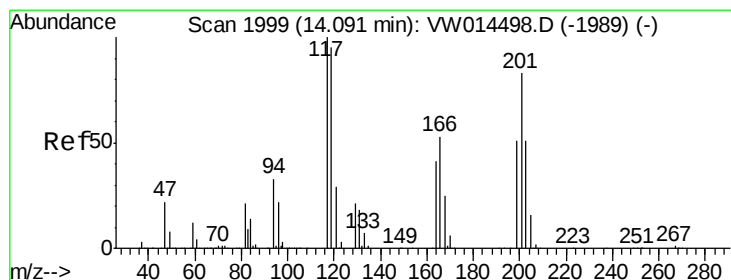
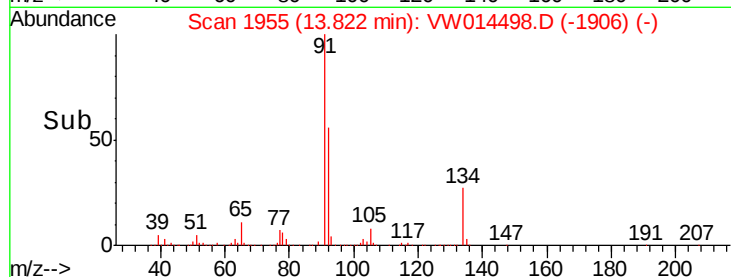
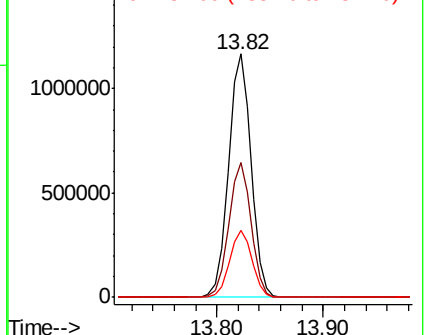


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.778 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014498.D

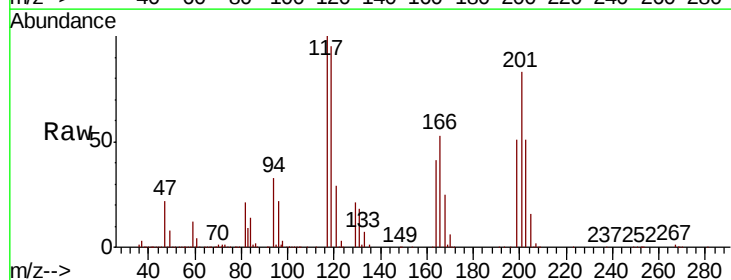
Acq: 03 Jan 2020 14:48

Tgt Ion: 117 Resp: 318699

Ion	Ratio	Lower	Upper
117	100		
201	85.9	43.0	128.8

117 100

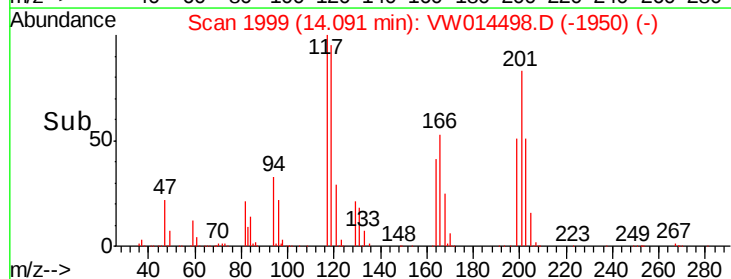
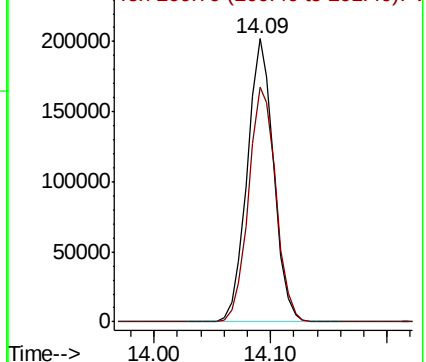
201 85.9 43.0 128.8

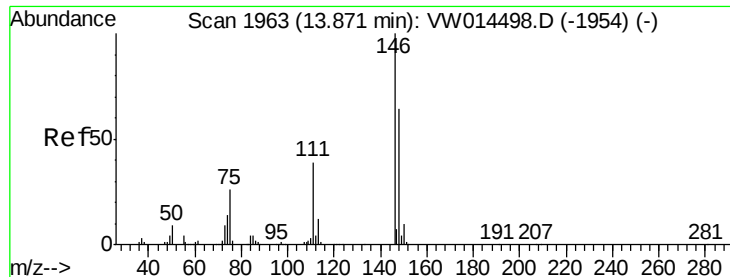


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.632 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW014498.D

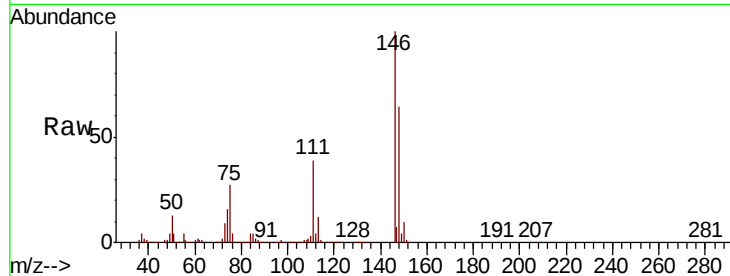
Acq: 03 Jan 2020 14:48

Instrument :

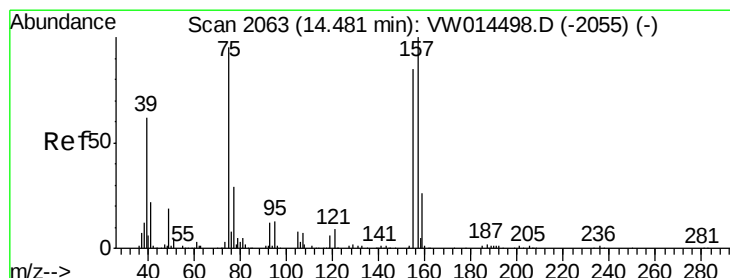
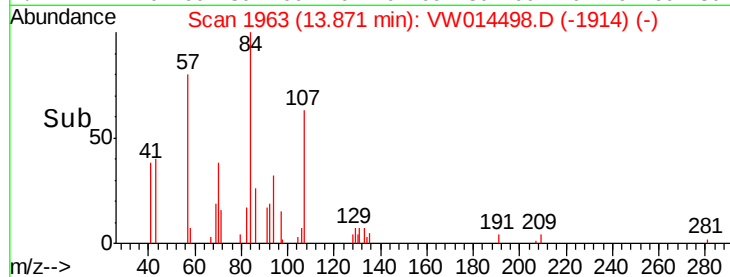
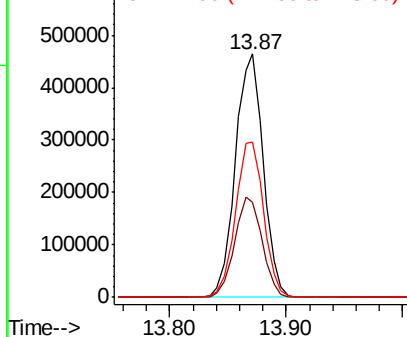
MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	772600
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	64.5	32.3	96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.206 ug/l

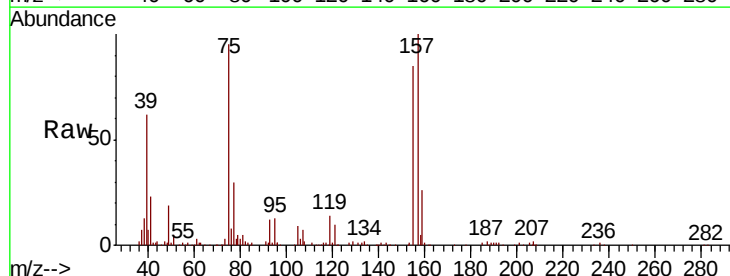
RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

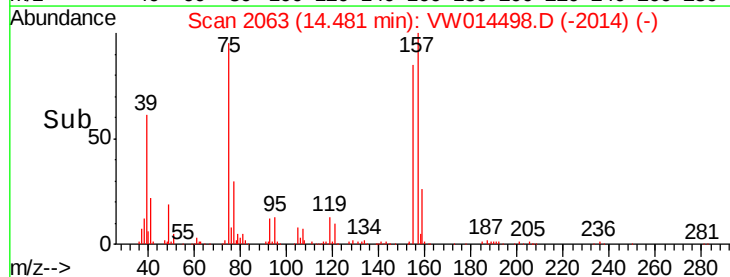
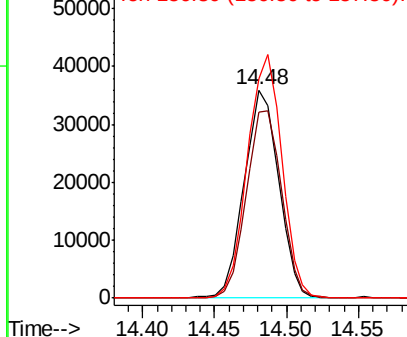
Lab File: VW014498.D

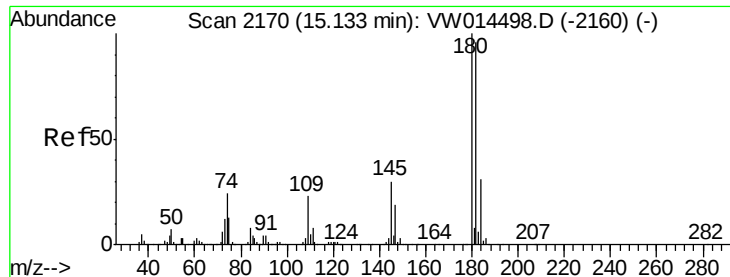
Acq: 03 Jan 2020 14:48

Tgt Ion:	75	Resp:	59924
Ion	Ratio	Lower	Upper
75	100		
155	91.6	45.8	137.4
157	116.1	58.1	174.2



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

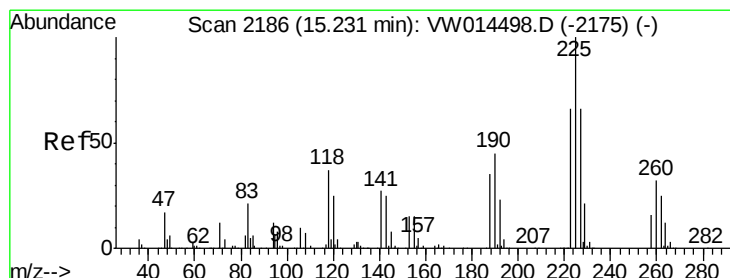
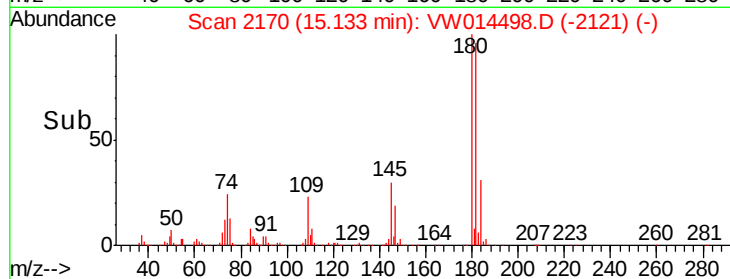
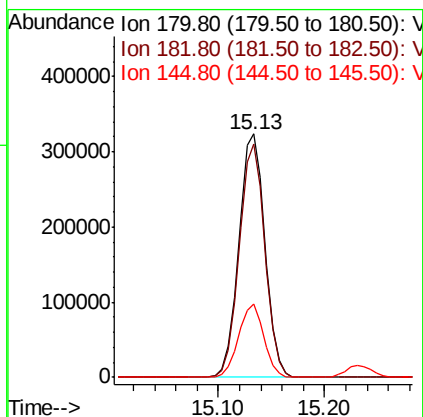
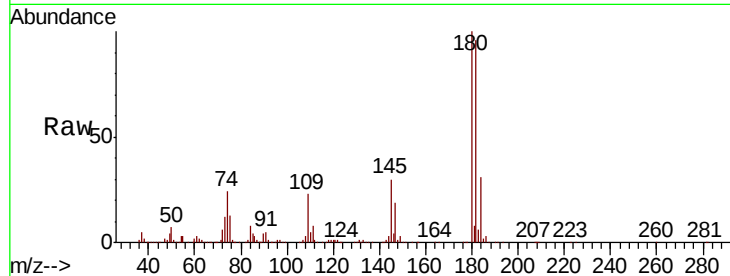




#93
 1,2,4-Trichlorobenzene
 Concen: 49.254 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

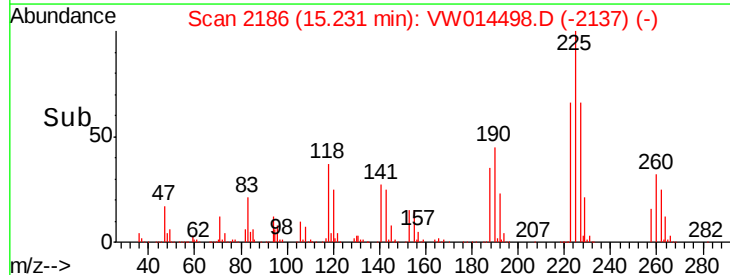
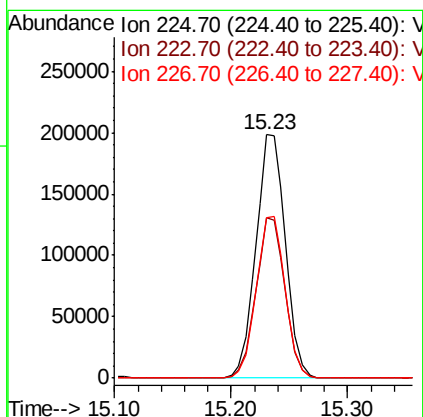
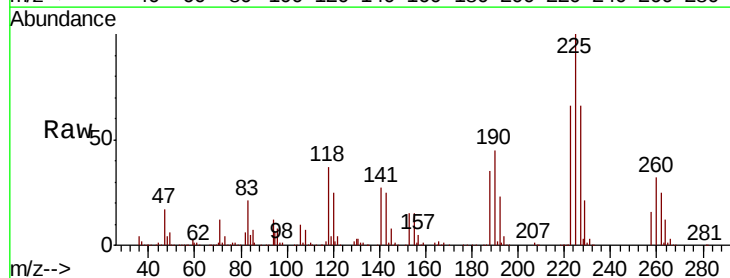
Instrument :
 MSVOA_W
 ClientSampleId :

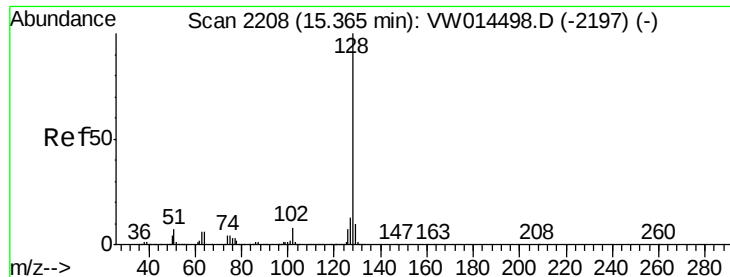
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	29.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 46.181 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014498.D
 Acq: 03 Jan 2020 14:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.4	97.2
227	65.2	32.6	97.8

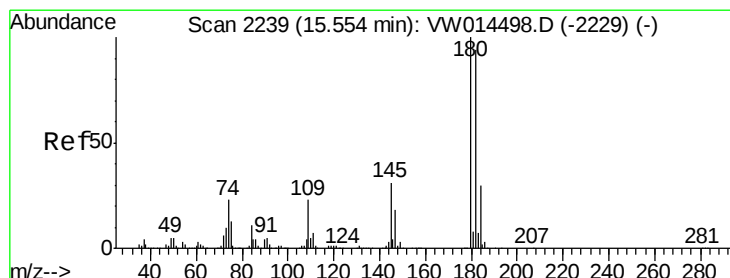
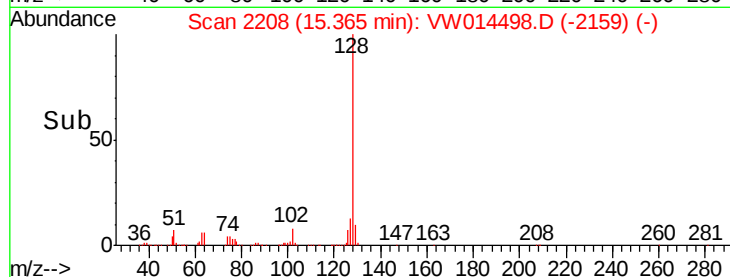
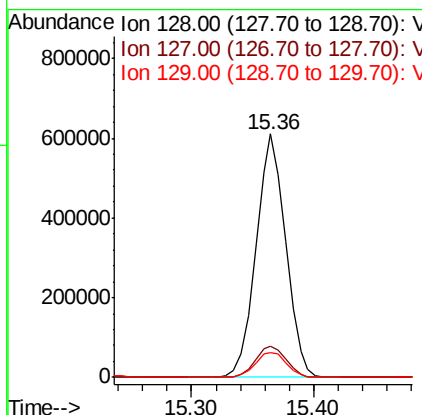
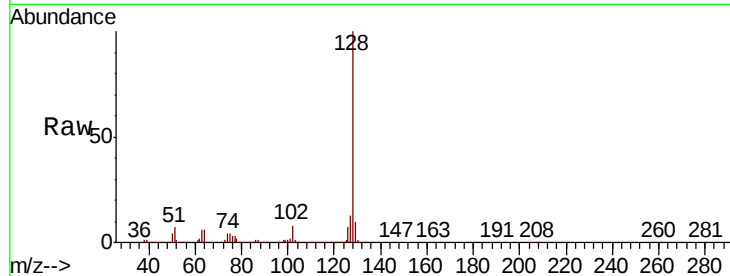




#95
Naphthalene
Concen: 56.842 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 1030137
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.055 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014498.D
Acq: 03 Jan 2020 14:48

Tgt Ion:180 Resp: 487358
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 31.0 15.5 46.5

