

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015403.D
 Acq On : 05 May 2020 19:49
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 22:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162427	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	129287	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	111842	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
50) Toluene-d8	10.32	98	451579	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	171876	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	65069	53.356	ug/l	98
3) Chloromethane	2.21	50	74763	48.969	ug/l	100
4) Vinyl Chloride	2.37	62	112837	48.802	ug/l	98
5) Bromomethane	2.78	94	82933	45.785	ug/l	96
6) Chloroethane	2.93	64	75214	47.206	ug/l	96
7) Trichlorofluoromethane	3.26	101	81514	48.064	ug/l	100
8) Diethyl Ether	3.68	74	54284	51.222	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97809	49.751	ug/l	99
10) Methyl Iodide	4.27	142	154503	51.936	ug/l	99
11) Tert butyl alcohol	5.18	59	34899	261.007	ug/l	100
12) 1,1-Dichloroethene	4.04	96	101013	49.546	ug/l	99
13) Acrolein	3.89	56	46153	270.300	ug/l	99
14) Allyl chloride	4.67	41	183366	51.332	ug/l	99
15) Acrylonitrile	5.37	53	115852	268.599	ug/l	100
16) Acetone	4.12	43	94603	262.634	ug/l	98
17) Carbon Disulfide	4.38	76	315047	50.397	ug/l	100
18) Methyl Acetate	4.67	43	49690	51.964	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	173303	52.906	ug/l	100
20) Methylene Chloride	4.92	84	111877	47.603	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117545	50.791	ug/l	97
22) Diisopropyl ether	6.31	45	361932	51.850	ug/l	99
23) Vinyl Acetate	6.26	43	1111523	261.948	ug/l	99
24) 1,1-Dichloroethane	6.21	63	212354	50.744	ug/l	100
25) 2-Butanone	7.17	43	148629	264.722	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135357	48.801	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130320	51.858	ug/l	98
28) Bromochloromethane	7.51	49	86617	51.477	ug/l	99
29) Tetrahydrofuran	7.53	42	96836	262.075	ug/l	98
30) Chloroform	7.68	83	211358	50.833	ug/l	100
31) Cyclohexane	7.95	56	197718	46.533	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	176611	50.538	ug/l	100
36) 1,1-Dichloropropene	8.08	75	170622	48.851	ug/l	100
37) Ethyl Acetate	7.25	43	70668	52.144	ug/l	99
38) Carbon Tetrachloride	8.07	117	159351	48.802	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215430	48.726	ug/l	100
40) Benzene	8.32	78	477098	50.084	ug/l	100
41) Methacrylonitrile	7.48	41	45194	52.779	ug/l	96
42) 1,2-Dichloroethane	8.40	62	147769	50.930	ug/l	100
43) Isopropyl Acetate	8.42	43	147986	51.921	ug/l	99
44) Trichloroethene	9.09	130	122960	49.803	ug/l	99
45) 1,2-Dichloropropane	9.37	63	118471	50.345	ug/l	99
46) Dibromomethane	9.46	93	60019	51.280	ug/l	97
47) Bromodichloromethane	9.64	83	162884	51.065	ug/l	99
48) Methyl methacrylate	9.43	41	68528	52.051	ug/l	99
49) 1,4-Dioxane	9.45	88	14797	1004.606	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	346744	259.588	ug/l	99
52) Toluene	10.38	92	308188	49.785	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	169023	51.914	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193845	50.565	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	84344	50.961	ug/l	96
56) Ethyl methacrylate	10.65	69	117777	51.792	ug/l	98
57) 1,3-Dichloropropane	10.93	76	151474	50.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	288454	260.734	ug/l	100
59) 2-Hexanone	10.97	43	237025	262.252	ug/l	100
60) Dibromochloromethane	11.13	129	102597	51.543	ug/l	100
61) 1,2-Dibromoethane	11.23	107	81321	51.893	ug/l	100
64) Tetrachloroethene	10.86	164	98752	49.503	ug/l	94
65) Chlorobenzene	11.66	112	321108	49.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114761	50.300	ug/l	98
67) Ethyl Benzene	11.73	91	608547	49.408	ug/l	99
68) m/p-Xylenes	11.84	106	457617	99.932	ug/l	98
69) o-Xylene	12.16	106	214028	49.737	ug/l	99
70) Styrene	12.18	104	376165	50.756	ug/l	99
71) Bromoform	12.35	173	59063	53.084	ug/l #	100
73) Isopropylbenzene	12.46	105	595589	49.115	ug/l	100
74) N-amyl acetate	12.27	43	145143	50.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96750	51.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	132918	99.475	ug/l #	100
77) Bromobenzene	12.75	156	129079	50.229	ug/l	99
78) n-propylbenzene	12.80	91	712202	48.953	ug/l	100
79) 2-Chlorotoluene	12.89	91	407899	49.737	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	517170	50.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35115	51.982	ug/l	98
82) 4-Chlorotoluene	12.99	91	432912	49.810	ug/l	100
83) tert-Butylbenzene	13.21	119	434252	49.825	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	515377	50.437	ug/l	100
85) sec-Butylbenzene	13.38	105	613054	49.923	ug/l	100
86) p-Isopropyltoluene	13.49	119	567290	50.651	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254527	49.723	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	252341	49.776	ug/l	99
89) n-Butylbenzene	13.82	91	550213	50.182	ug/l	100
90) Hexachloroethane	14.09	117	104254	50.513	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	226135	51.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16863	50.919	ug/l	99

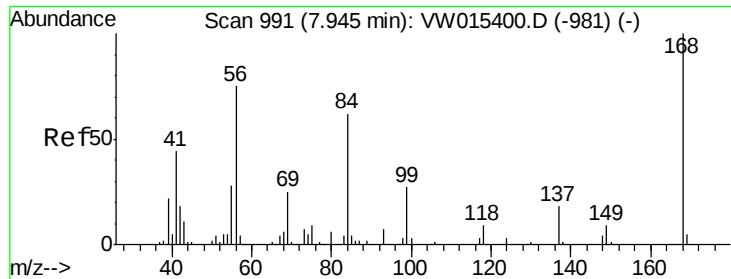
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	155122	52.074	ug/l	99
94) Hexachlorobutadiene	15.23	225	90371	51.195	ug/l	98
95) Naphthalene	15.36	128	283377	53.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	129426	50.567	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

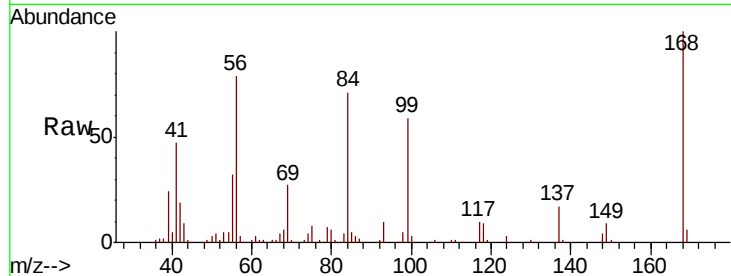
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 210934

Ion Ratio Lower Upper

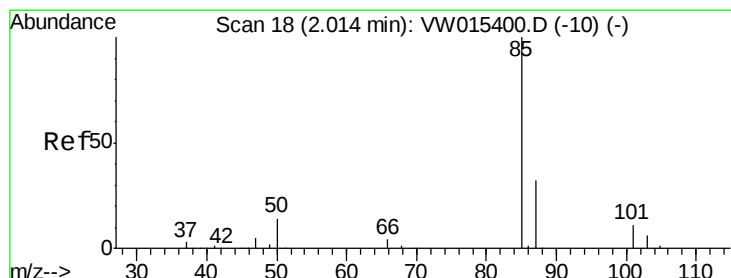
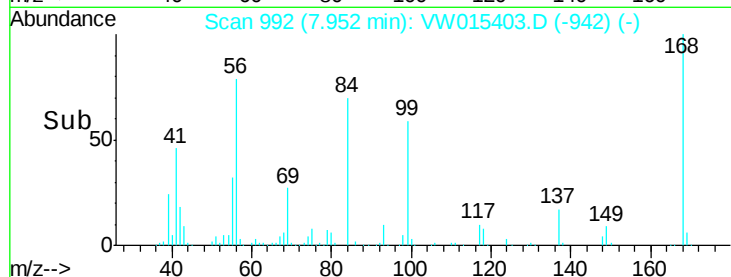
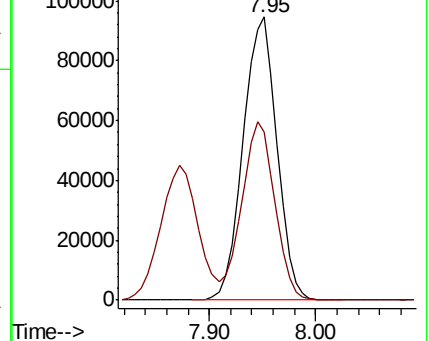
168 100

99 59.2 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 53.356 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015403.D

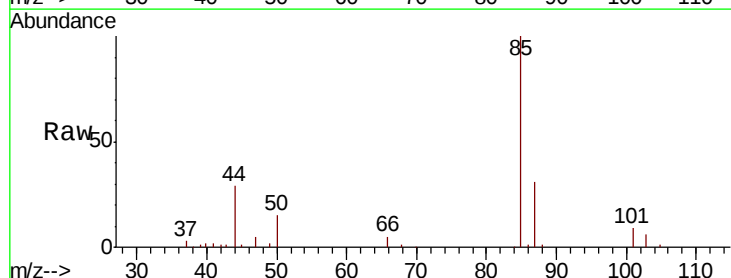
Acq: 05 May 2020 19:49

Tgt Ion: 85 Resp: 65069

Ion Ratio Lower Upper

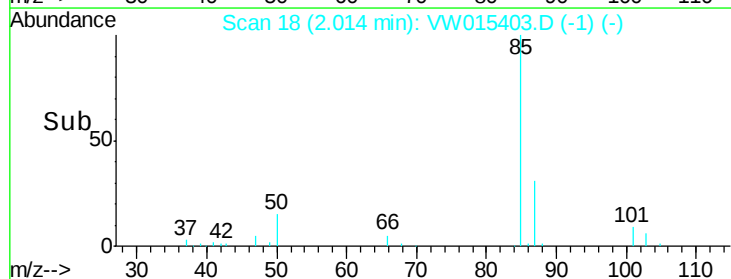
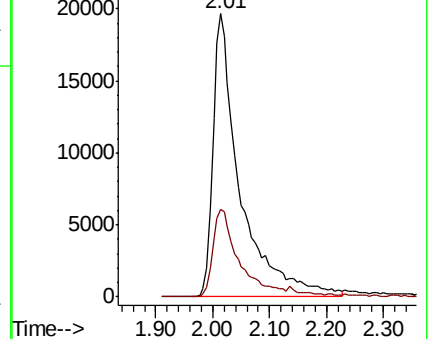
85 100

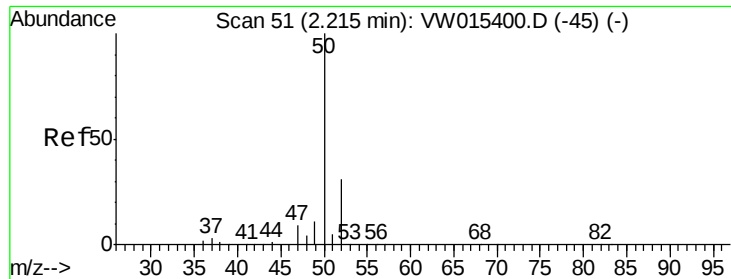
87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.969 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

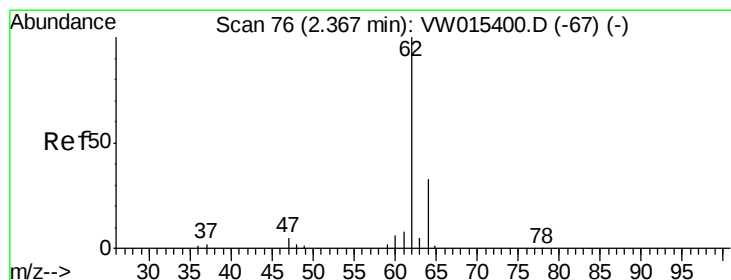
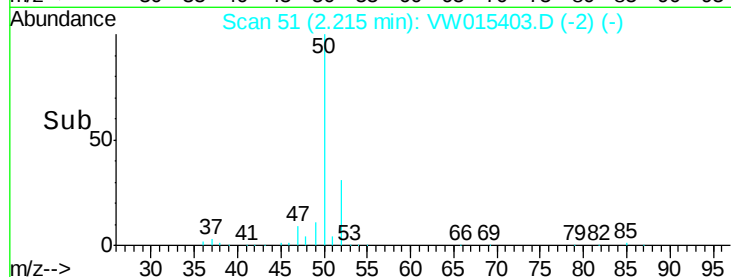
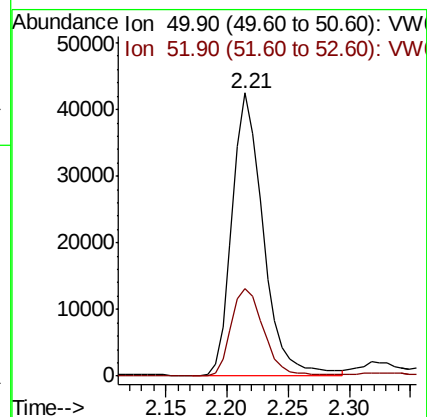
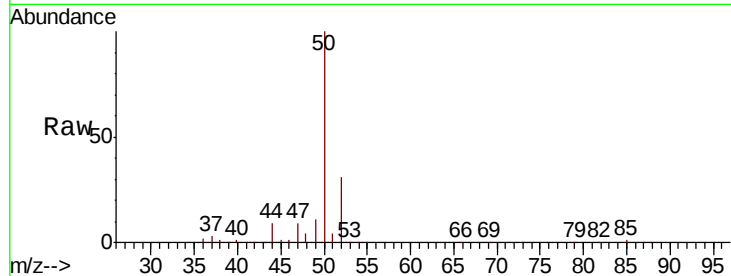
ClientSampled :

Tot Ion: 50 Resp: 74763

Ion Ratio Lower Upper

50 100

52 31.2 25.0 37.6



#4

Vinyl Chloride

Concen: 48.802 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015403.D

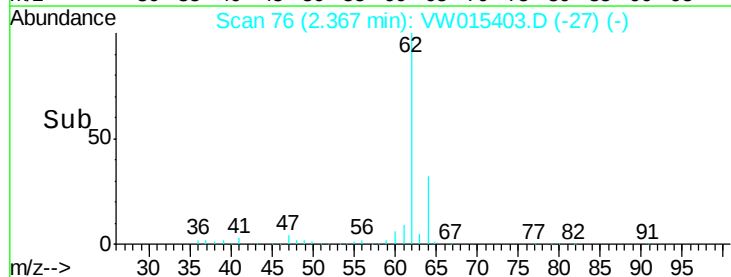
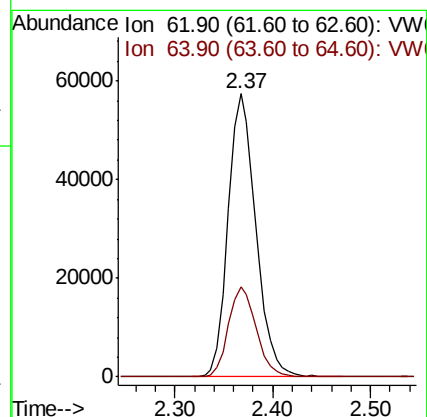
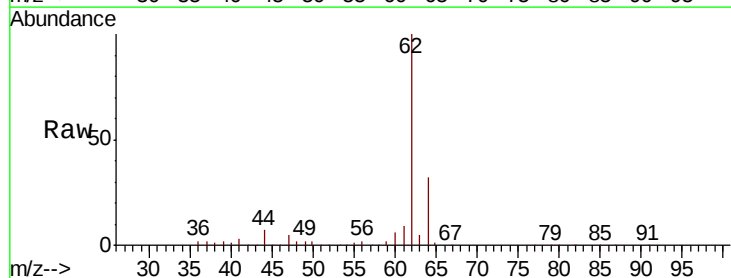
Acq: 05 May 2020 19:49

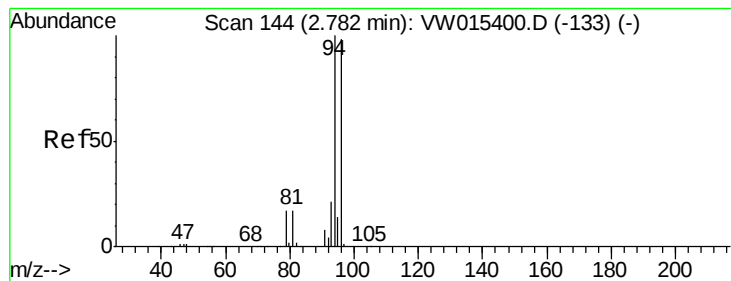
Tgt Ion: 62 Resp: 112837

Ion Ratio Lower Upper

62 100

64 31.6 26.4 39.6





#5

Bromomethane

Concen: 45.785 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

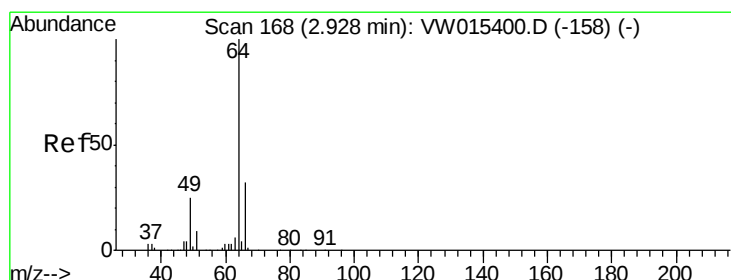
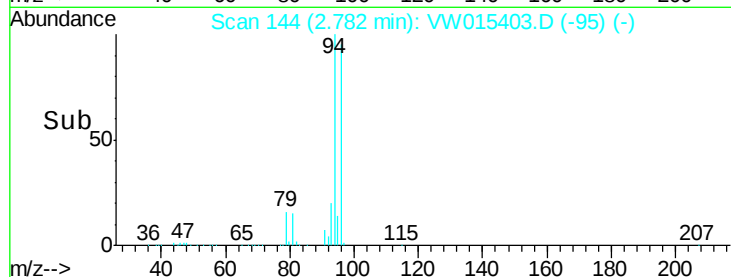
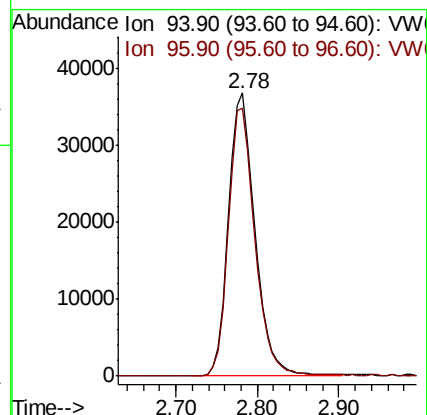
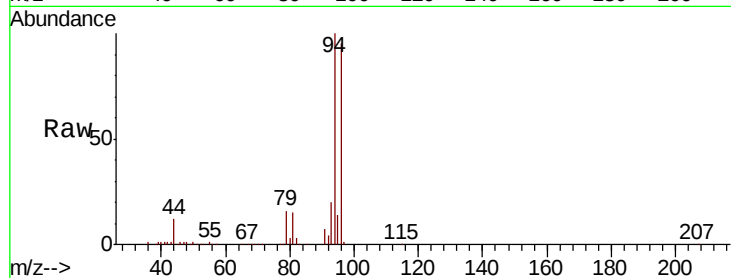
ClientSampled :

Tot Ion: 94 Resp: 82933

Ion Ratio Lower Upper

94 100

96 94.6 78.8 118.2



#6

Chloroethane

Concen: 47.206 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015403.D

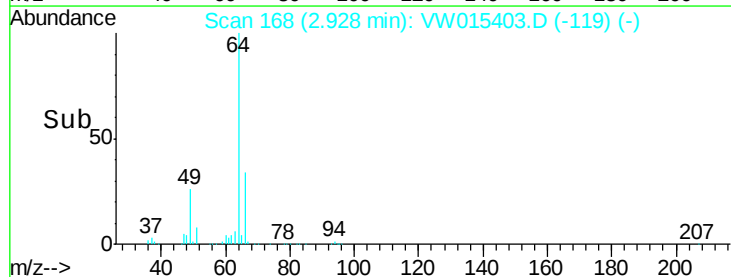
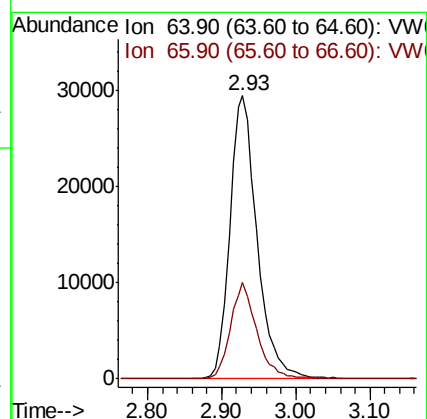
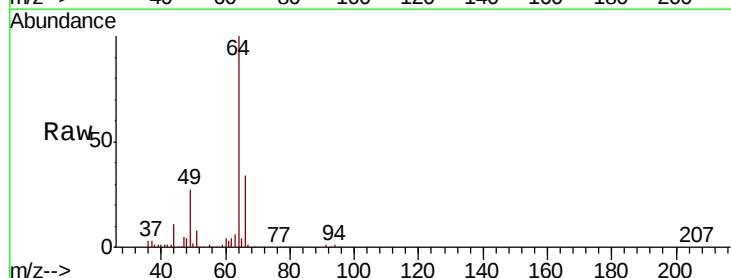
Acq: 05 May 2020 19:49

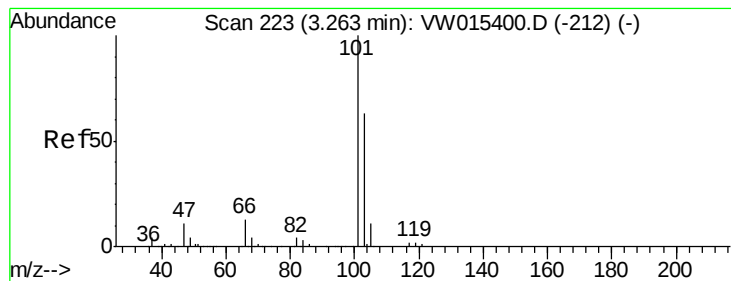
Tgt Ion: 64 Resp: 75214

Ion Ratio Lower Upper

64 100

66 33.7 25.4 38.0



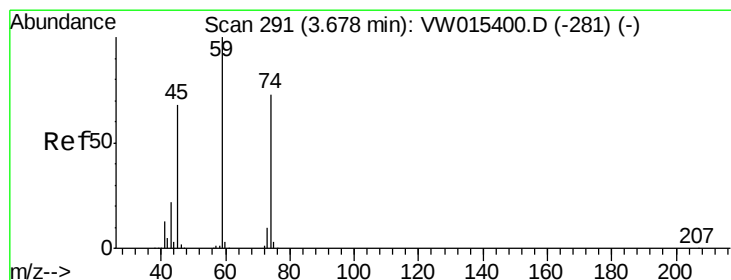
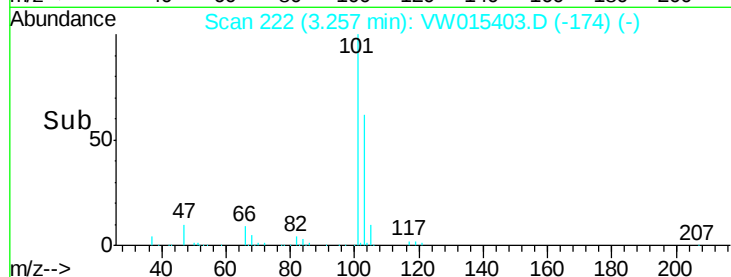
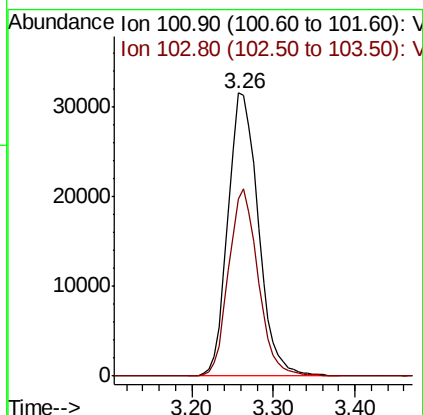
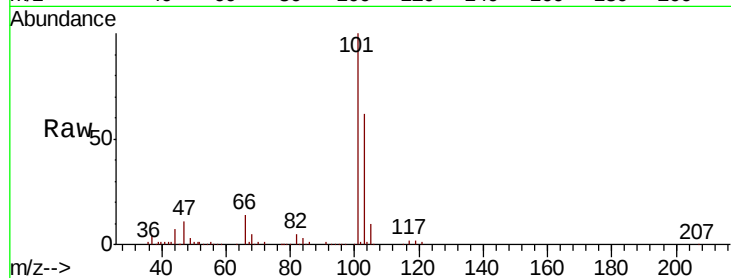


#7

Trichlorofluoromethane
 Concen: 48.064 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :

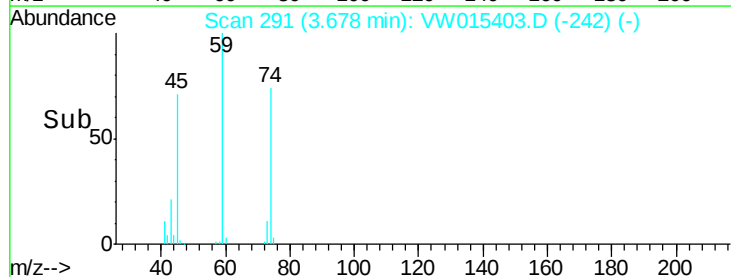
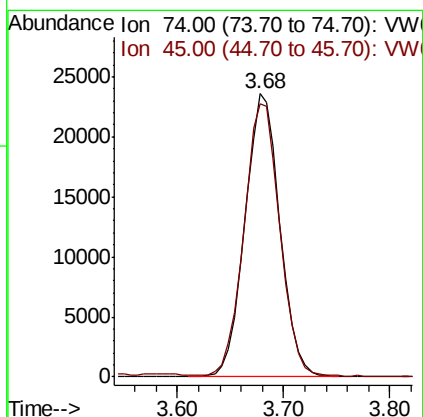
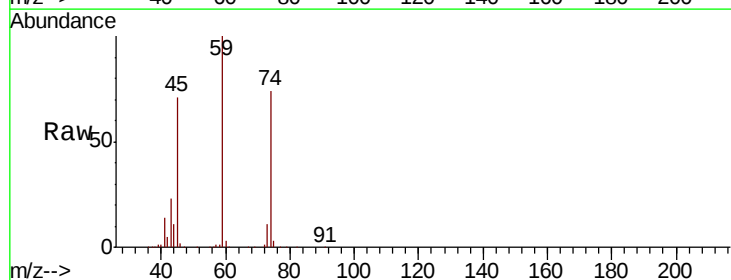
Tot Ion:101 Resp: 81514
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

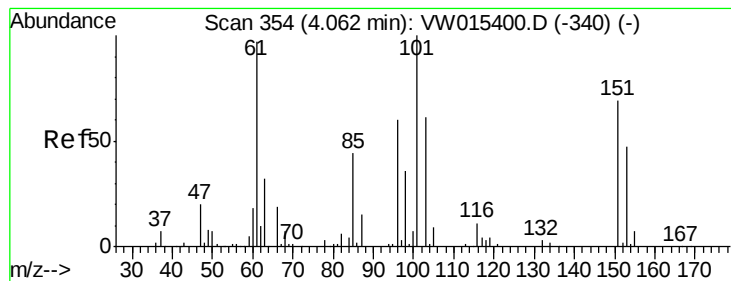


#8

Diethyl Ether
 Concen: 51.222 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 74 Resp: 54284
 Ion Ratio Lower Upper
 74 100
 45 98.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.751 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

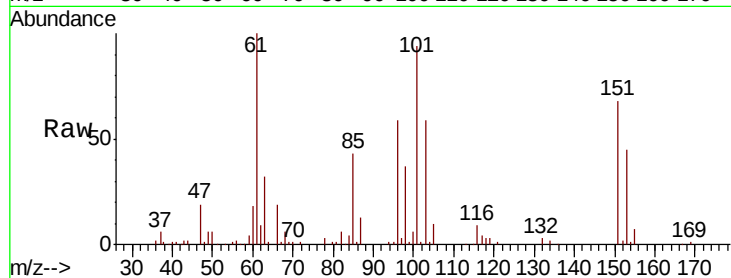
Tot Ion:101 Resp: 97809

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

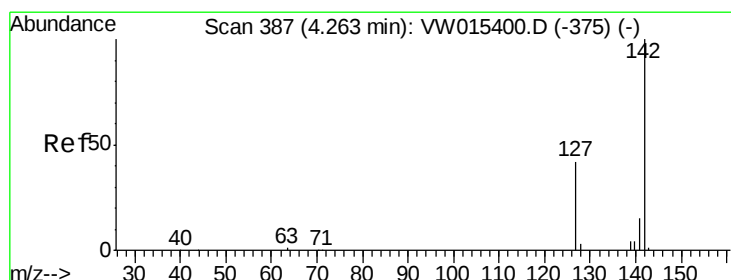
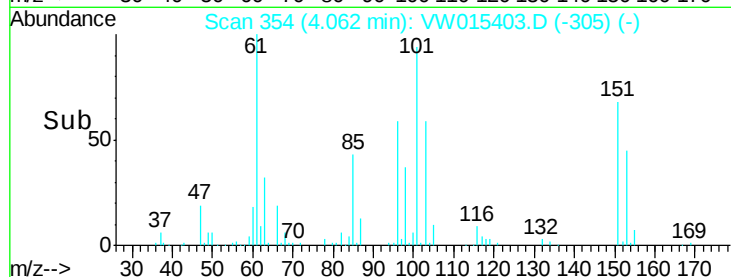
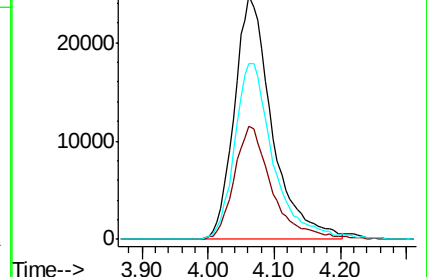
151 74.4 58.9 88.3



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: 51.936 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

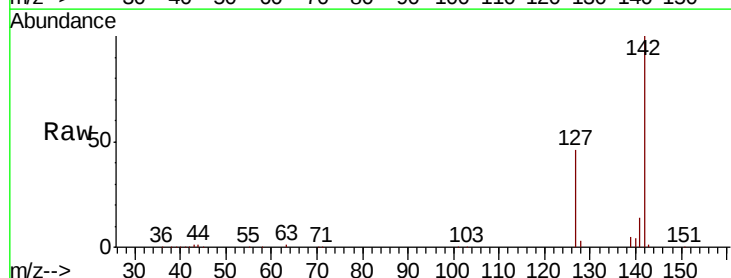
Tgt Ion:142 Resp: 154503

Ion Ratio Lower Upper

142 100

127 44.7 35.4 53.2

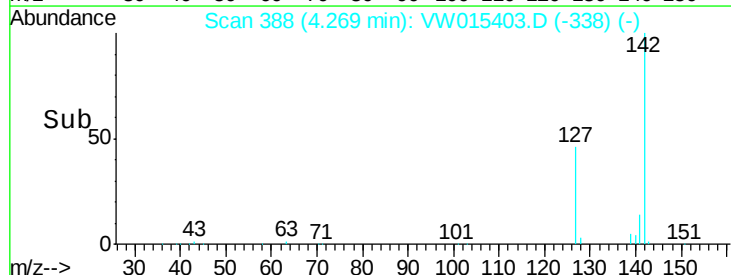
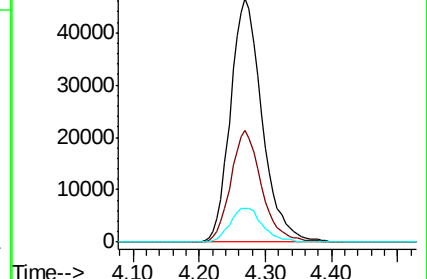
141 14.4 11.7 17.5

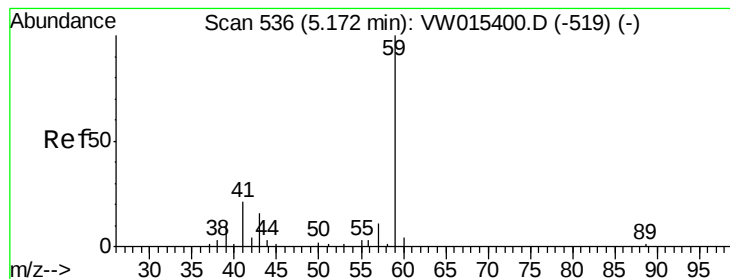


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



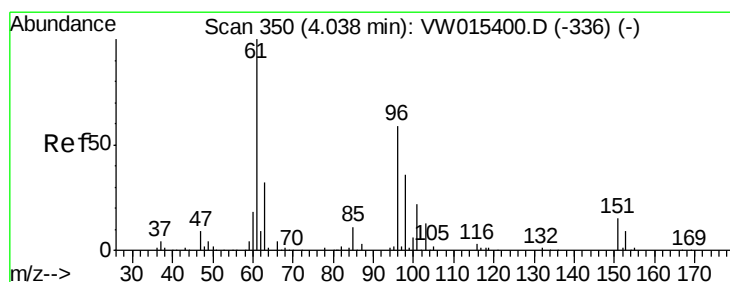
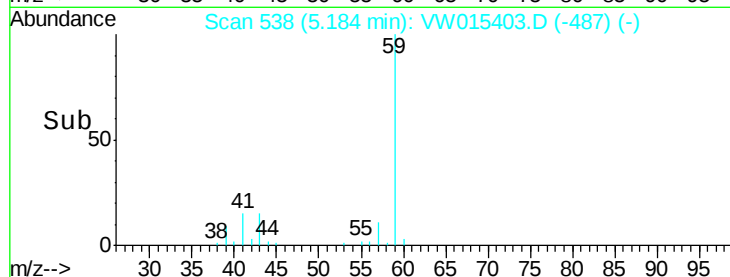
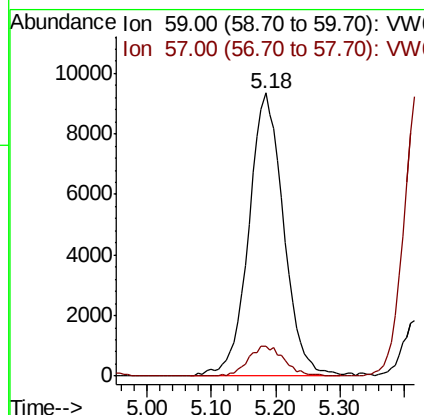
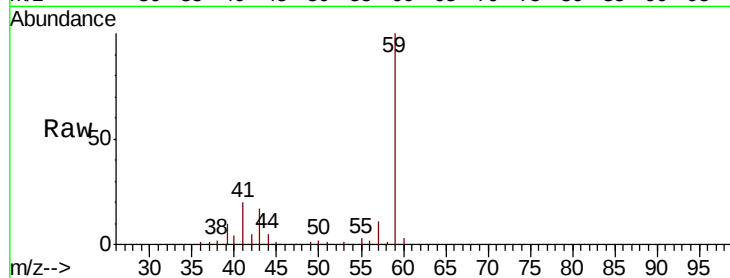


#11

Tert butyl alcohol
 Concen: 261.007 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampled :

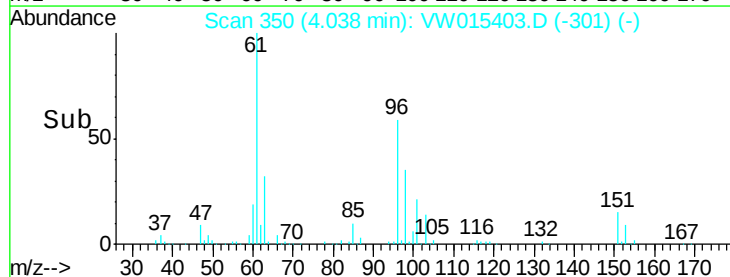
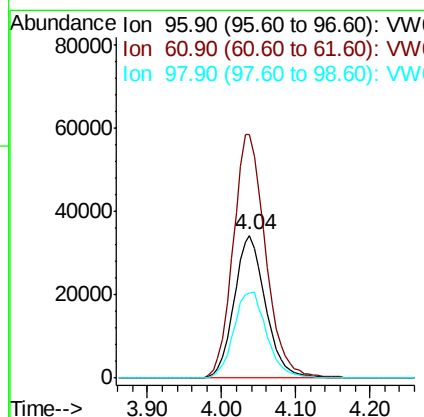
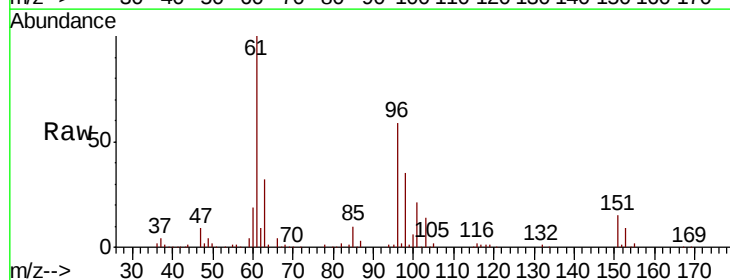
Tot Ion: 59 Resp: 34899
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.6 13.0

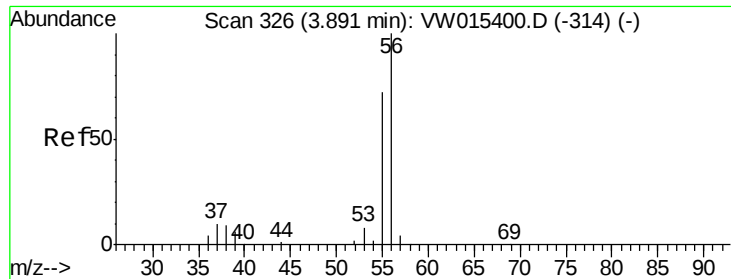


#12

1,1-Dichloroethene
 Concen: 49.546 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 96 Resp: 101013
 Ion Ratio Lower Upper
 96 100
 61 170.3 135.8 203.8
 98 59.6 48.6 72.8

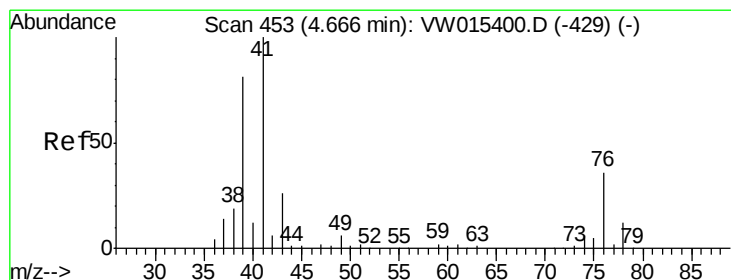
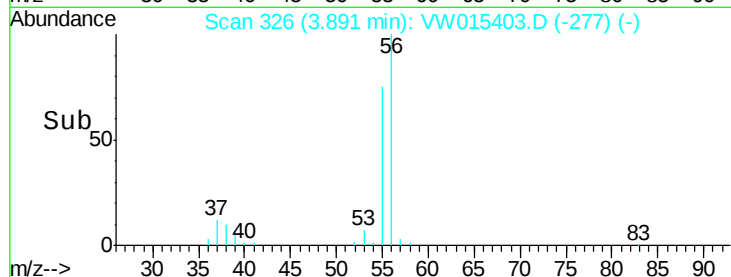
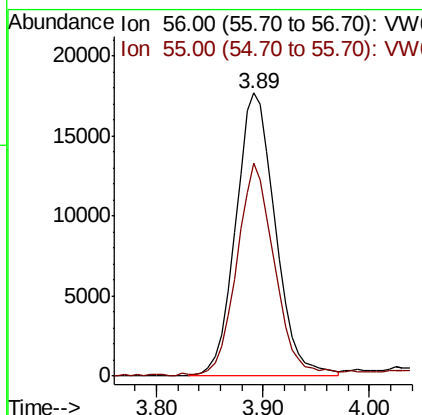
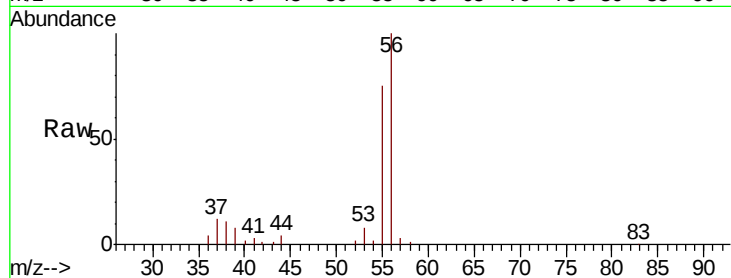




#13
Acrolein
Concen: 270.300 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

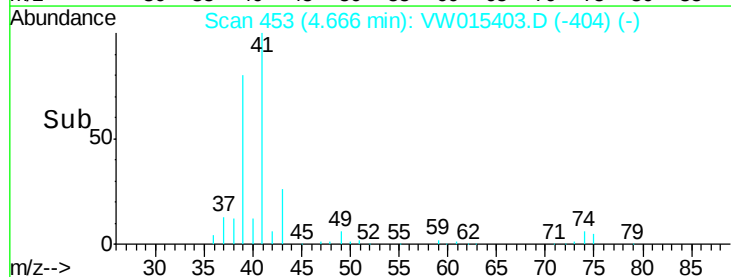
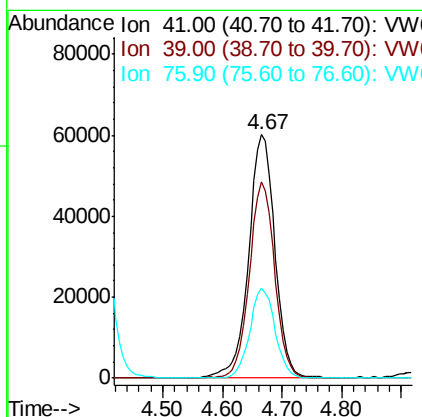
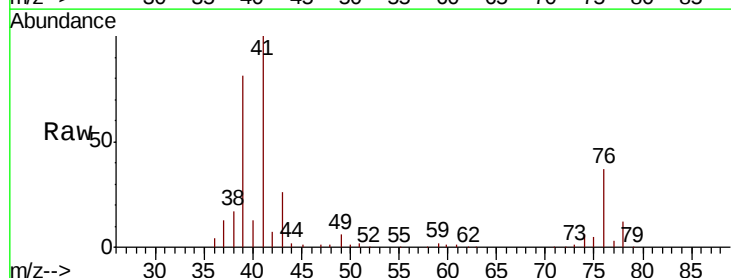
Instrument :
MSVOA_W
ClientSampleId :

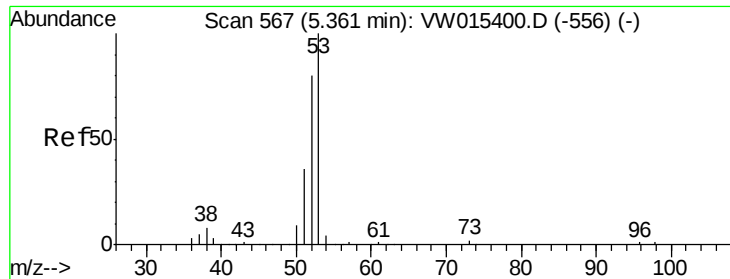
Tot Ion: 56 Resp: 46153
Ion Ratio Lower Upper
56 100
55 71.6 56.4 84.6



#14
Allyl chloride
Concen: 51.332 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 41 Resp: 183366
Ion Ratio Lower Upper
41 100
39 78.2 63.6 95.4
76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 268.599 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

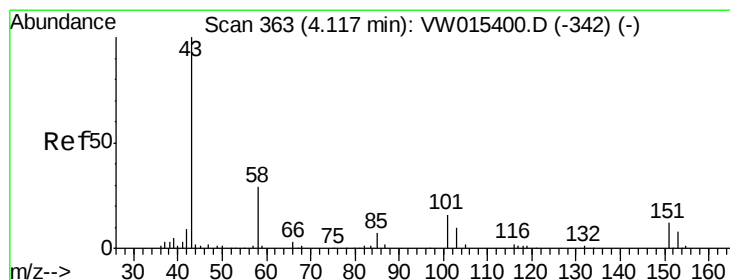
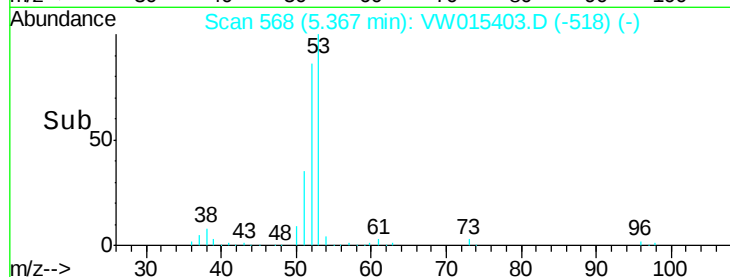
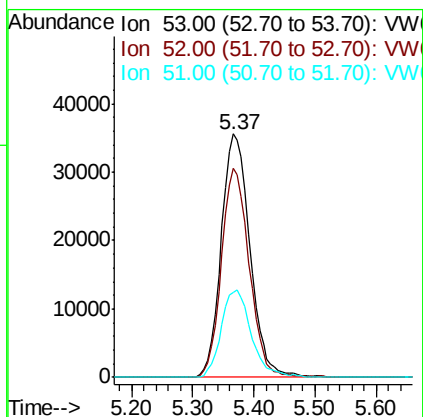
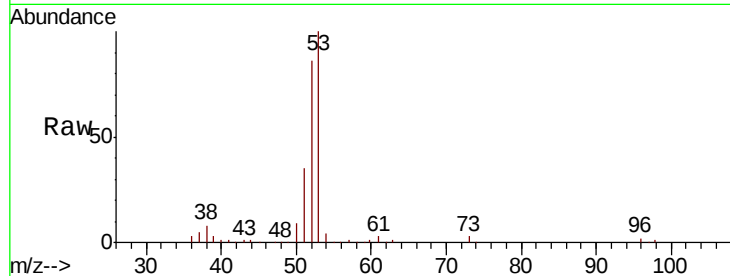
Tot Ion: 53 Resp: 115852

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 37.6 30.2 45.2



#16

Acetone

Concen: 262.634 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015403.D

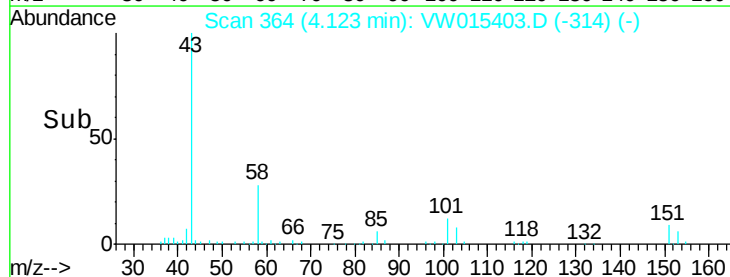
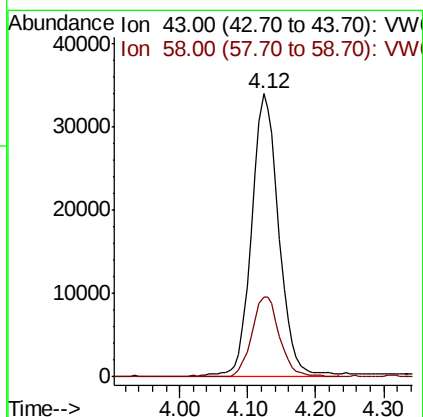
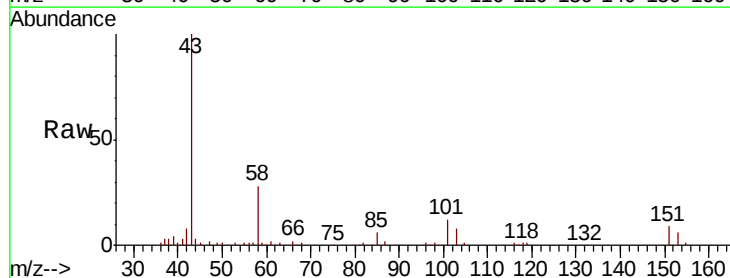
Acq: 05 May 2020 19:49

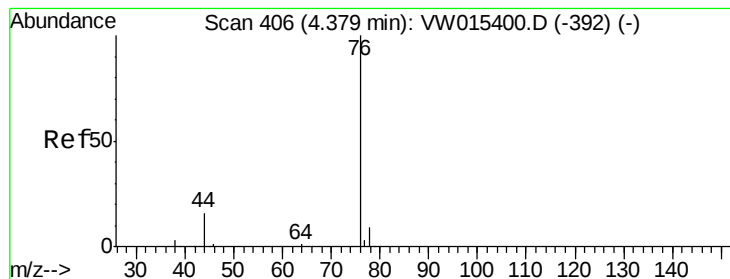
Tgt Ion: 43 Resp: 94603

Ion Ratio Lower Upper

43 100

58 28.2 23.4 35.0





#17

Carbon Disulfide

Concen: 50.397 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

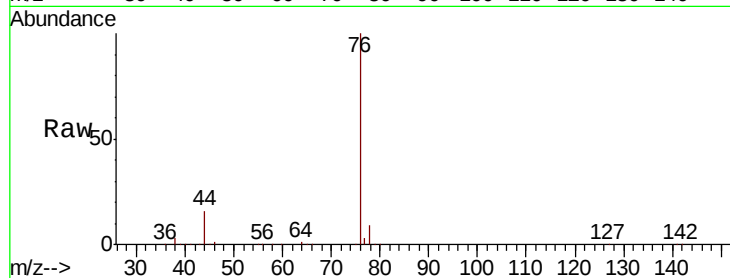
ClientSampled :

Tot Ion: 76 Resp: 315047

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW

120000

100000

80000

60000

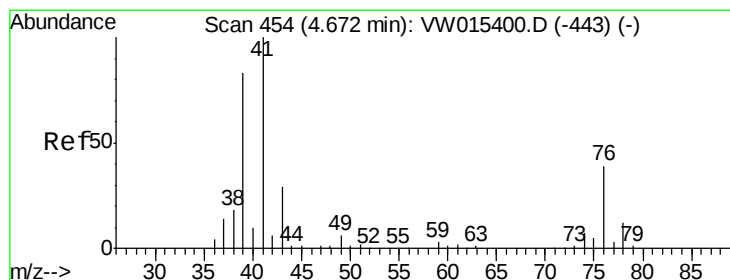
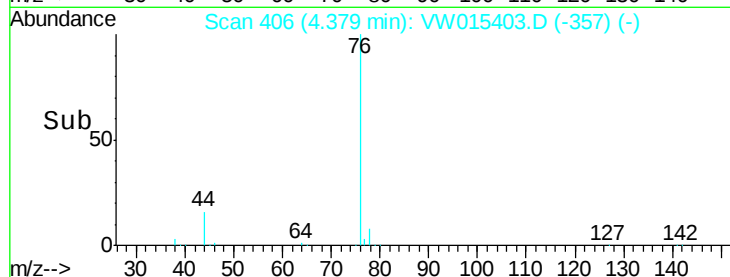
40000

20000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 51.964 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015403.D

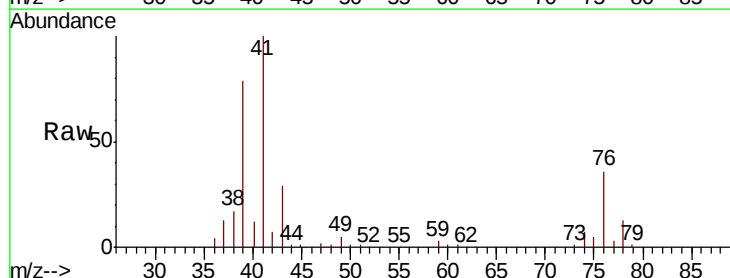
Acq: 05 May 2020 19:49

Tgt Ion: 43 Resp: 49690

Ion Ratio Lower Upper

43 100

74 23.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

20000

15000

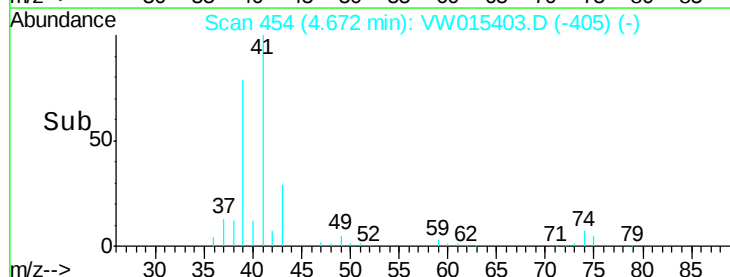
10000

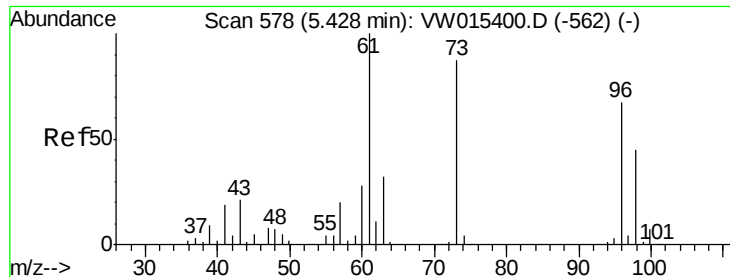
5000

0

4.50 4.60 4.70 4.80

Time-->

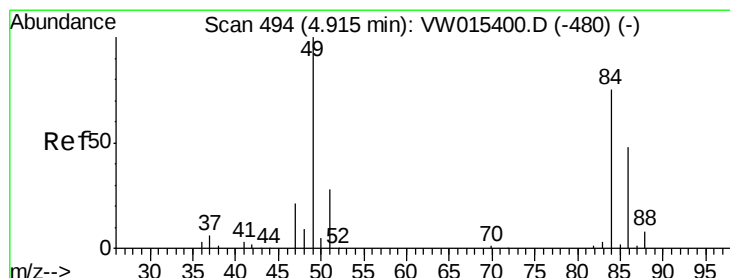
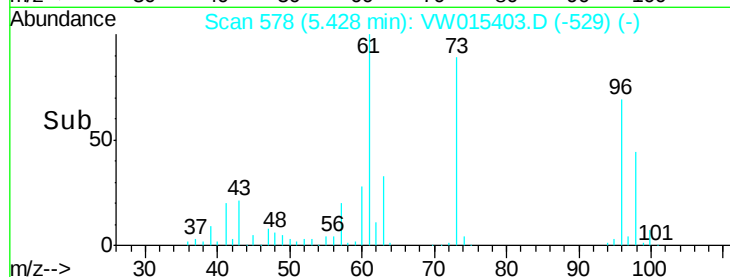
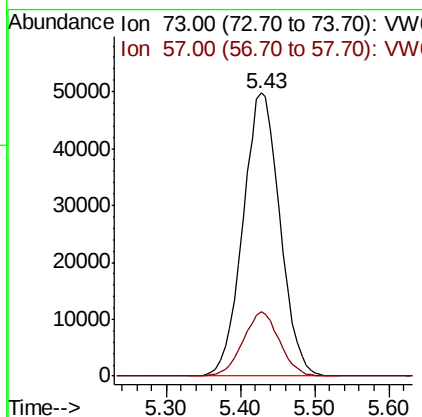
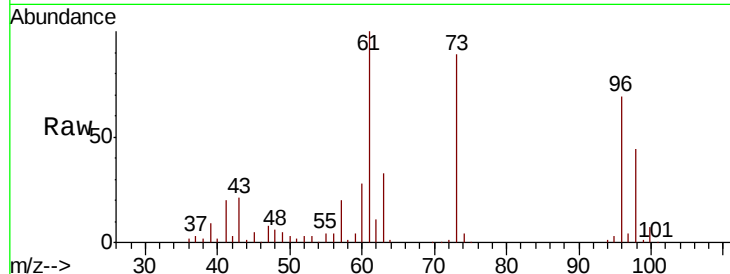




#19
Methvl tert-butvl Ether
Concen: 52.906 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

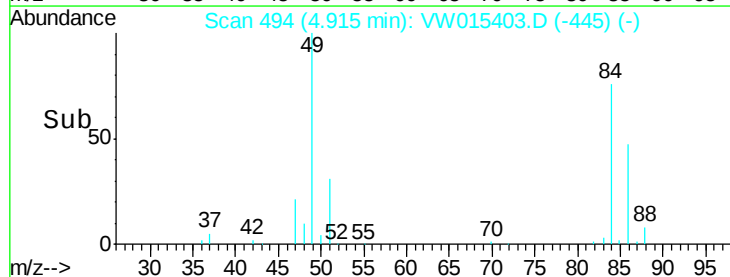
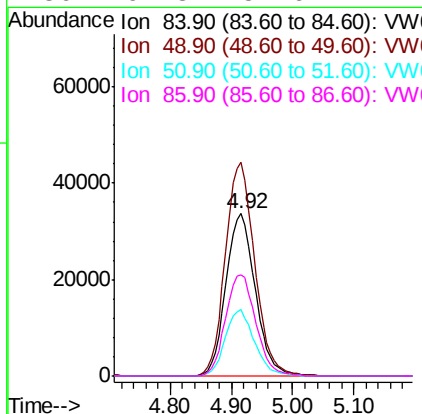
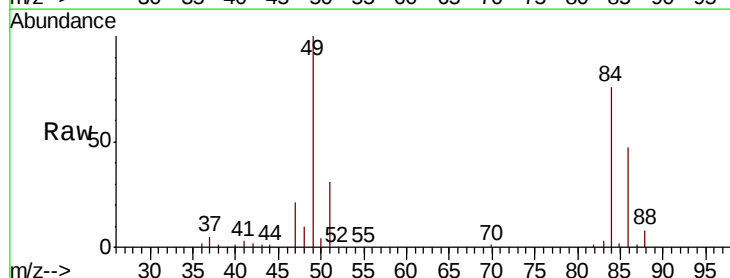
Instrument :
MSVOA_W
ClientSampled :

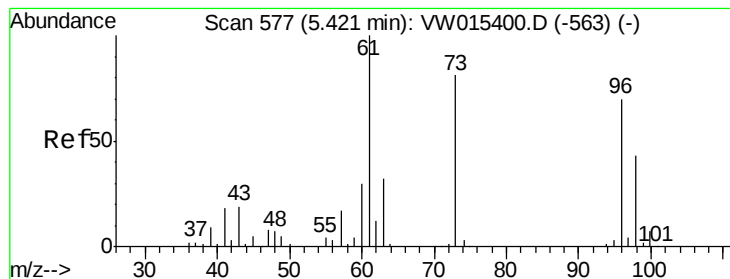
Tot Ion: 73 Resp: 173303
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 47.603 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 84 Resp: 111877
Ion Ratio Lower Upper
84 100
49 131.6 106.4 159.6
51 40.7 30.2 45.2
86 62.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 50.791 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :

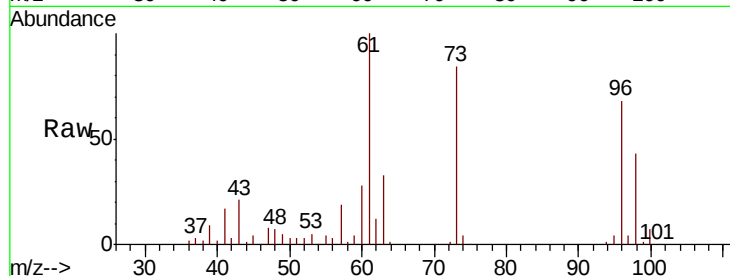
Tot Ion: 96 Resp: 117545

Ion Ratio Lower Upper

96 100

61 147.3 114.9 172.3

98 62.7 49.4 74.0

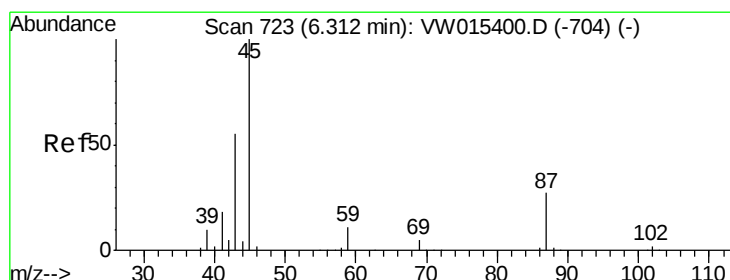
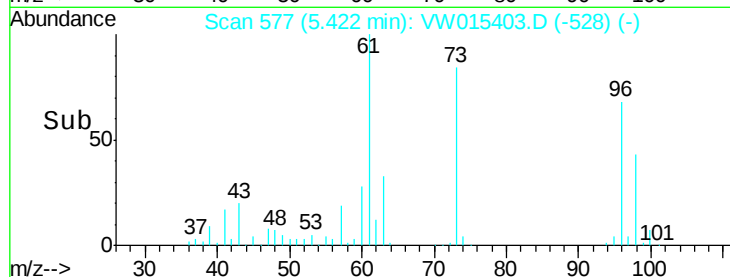
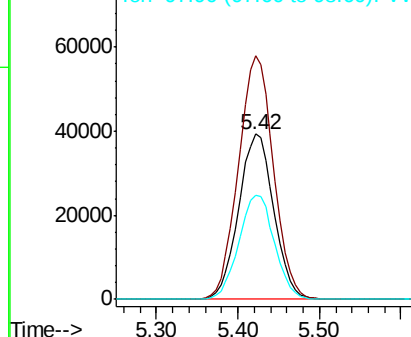


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 51.850 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion: 45 Resp: 361932

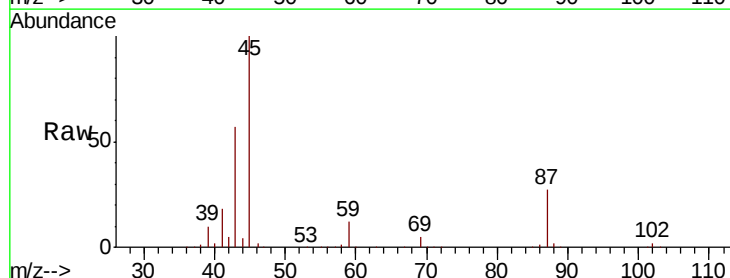
Ion Ratio Lower Upper

45 100

43 56.6 44.2 66.4

87 26.8 21.6 32.4

59 12.1 9.0 13.6



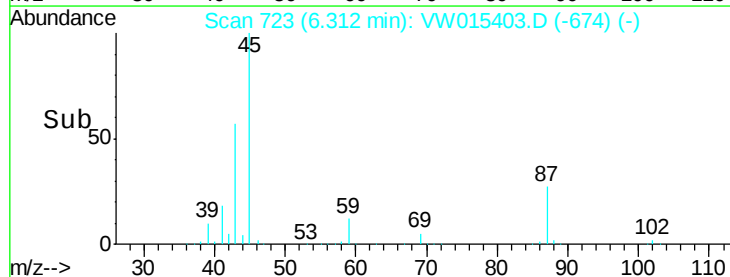
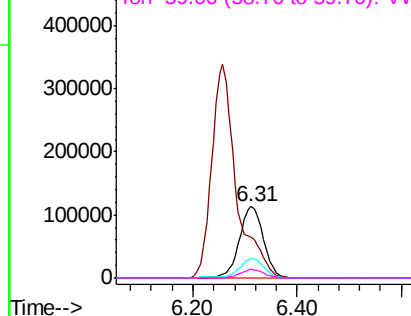
Abundance

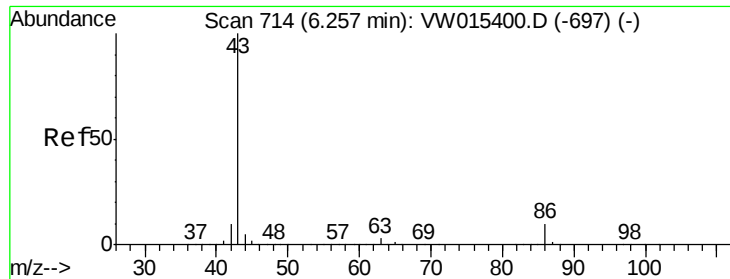
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 261.948 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

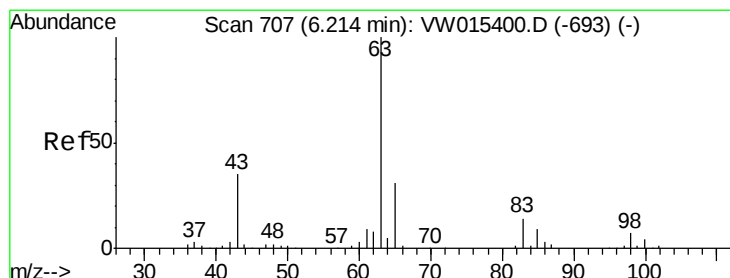
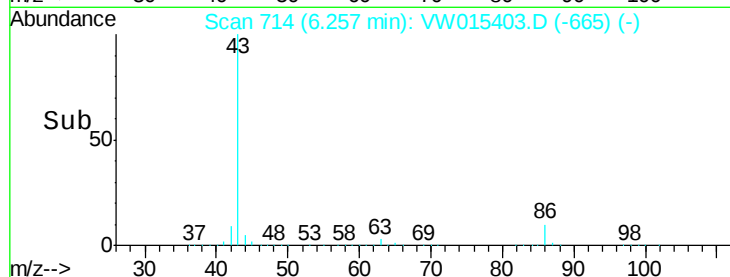
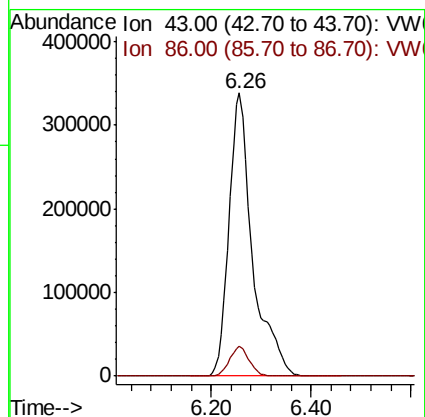
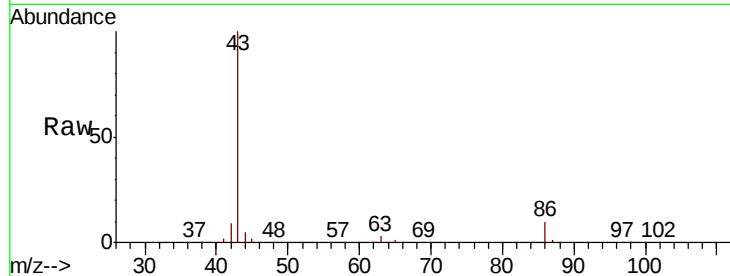
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1111523

Ion Ratio Lower Upper

43 100

86 10.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 50.744 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

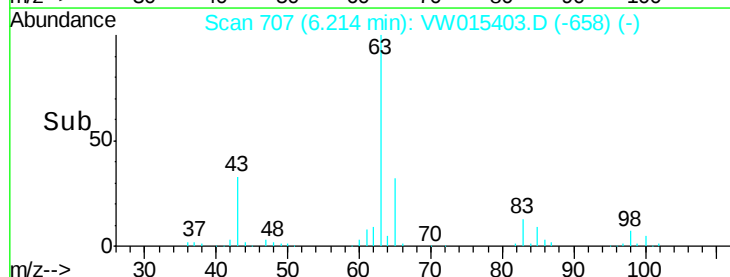
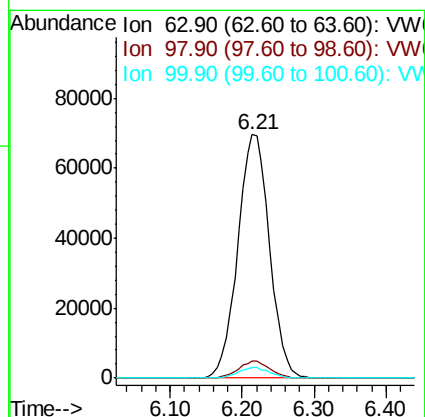
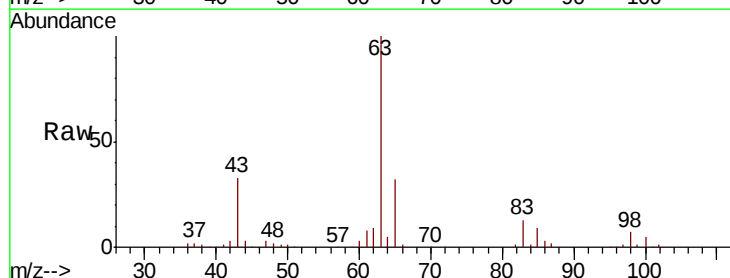
Tgt Ion: 63 Resp: 212354

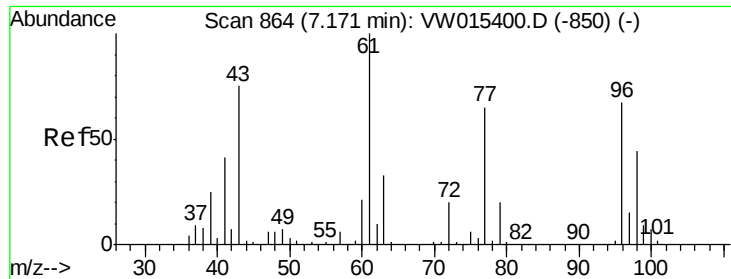
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.5 2.1 6.5

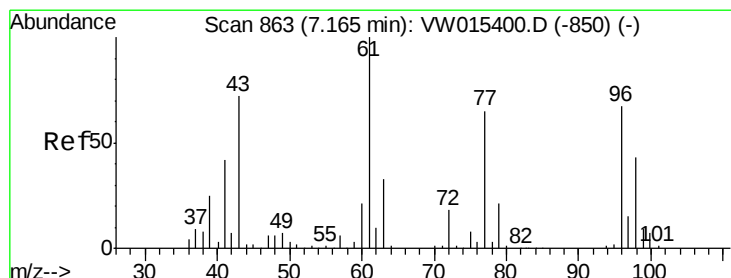
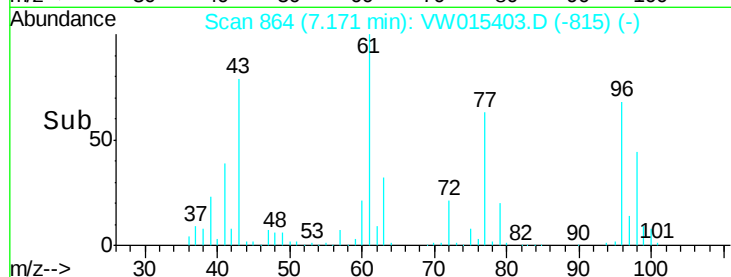
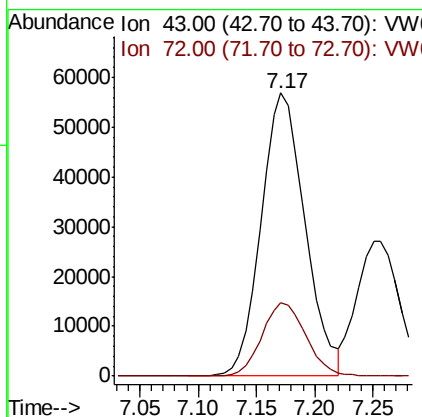
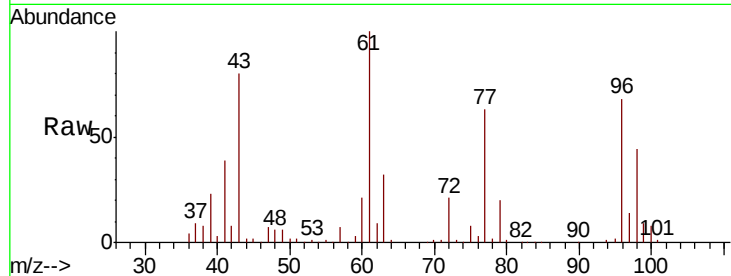




#25
2-Butanone
Concen: 264.722 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

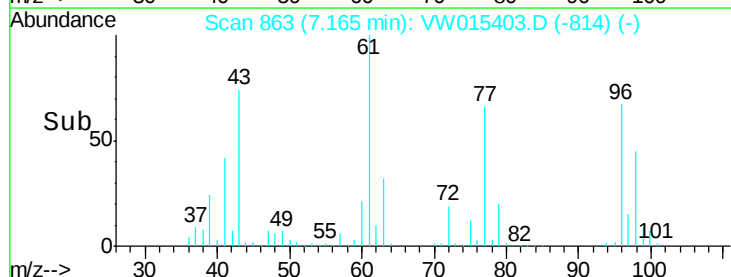
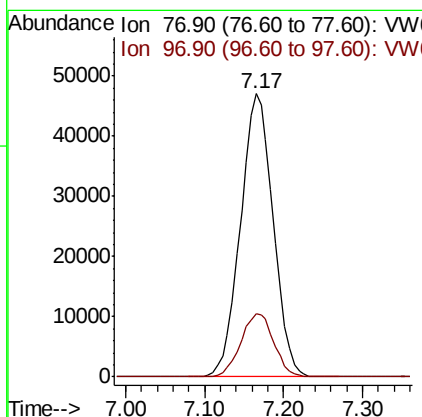
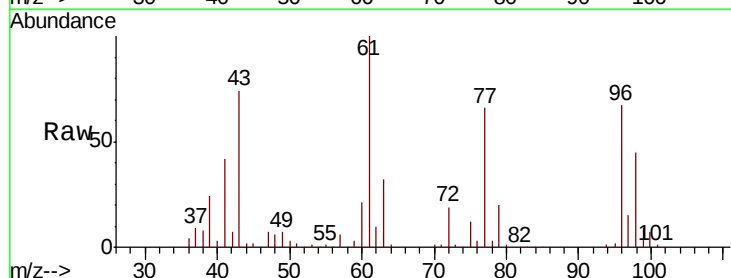
Instrument :
MSVOA_W
ClientSampled :

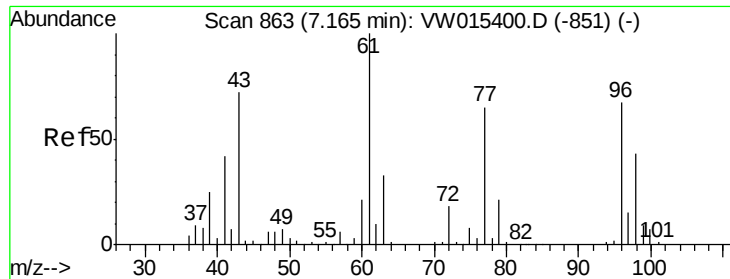
Tot Ion: 43 Resp: 148629
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 48.801 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 77 Resp: 135357
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1



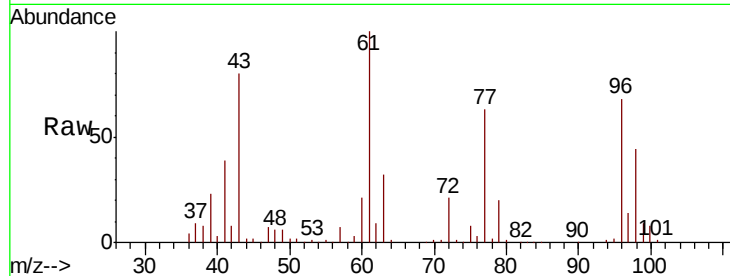


#27

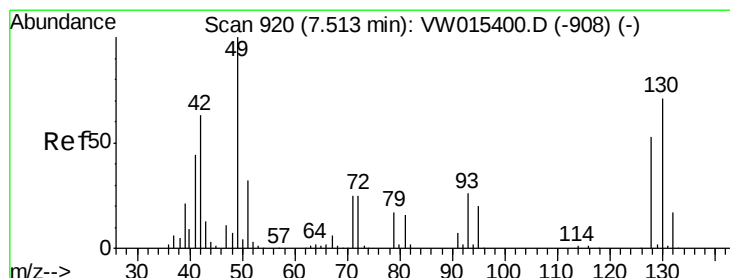
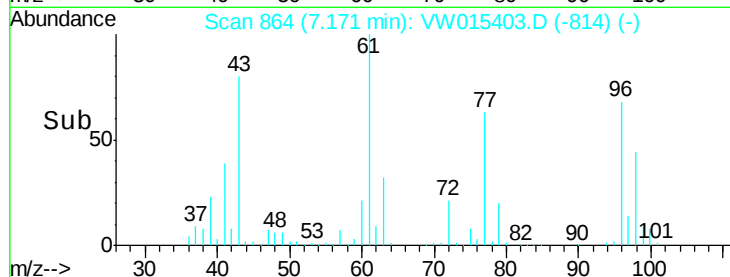
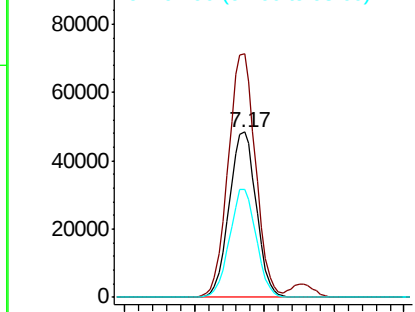
cis-1,2-Dichloroethene
Concen: 51.858 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 130320
Ion Ratio Lower Upper
96 100
61 148.6 0.0 304.6
98 64.1 0.0 129.2



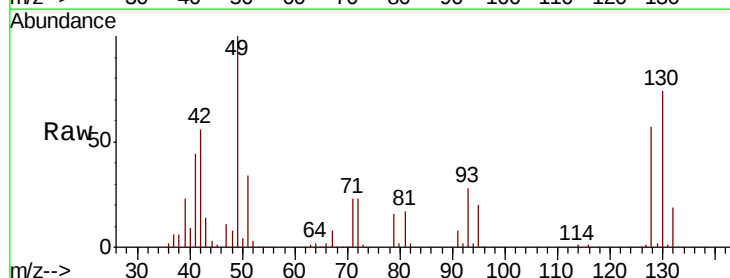
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



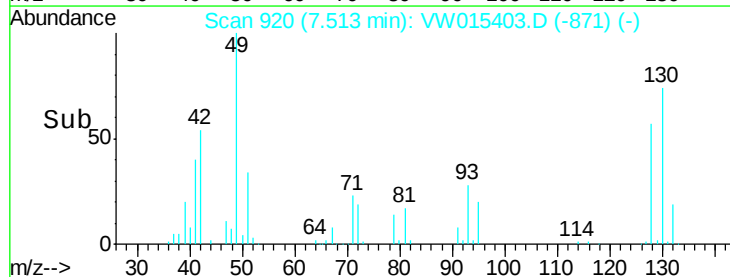
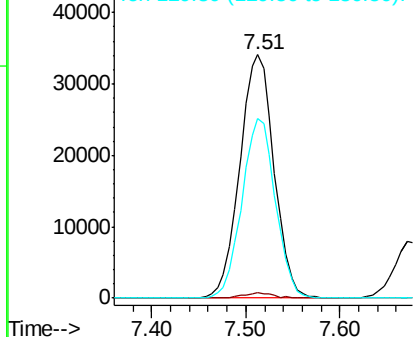
#28

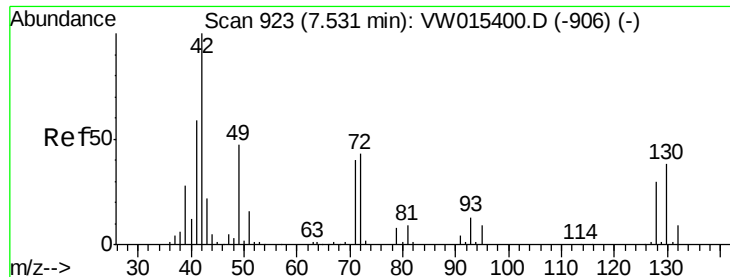
Bromochloromethane
Concen: 51.477 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 49 Resp: 86617
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.0
130 72.3 57.0 85.4



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

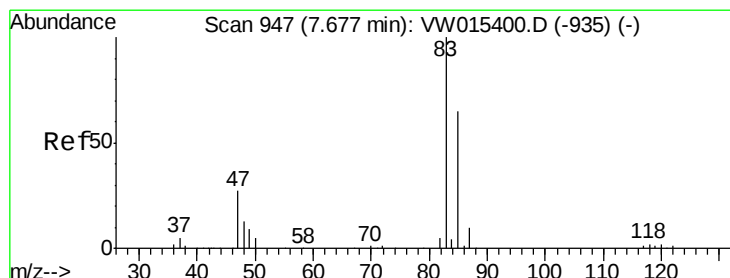
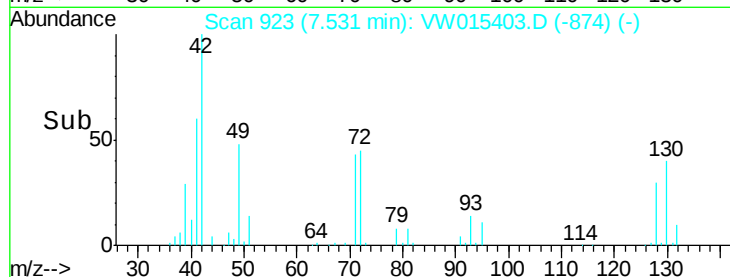
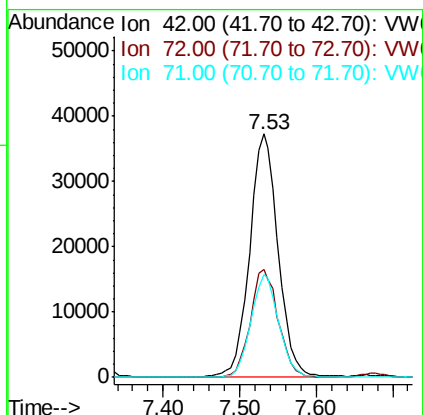
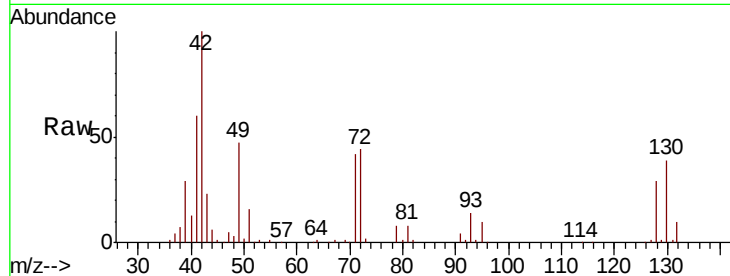




#29
Tetrahydrofuran
Concen: 262.075 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

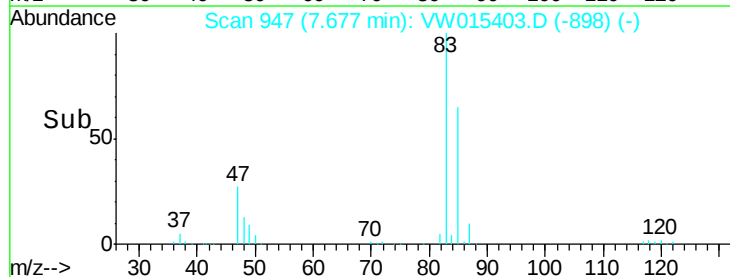
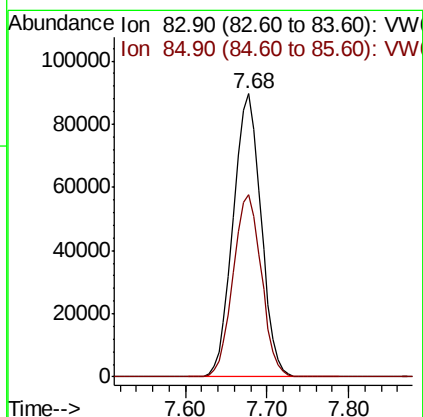
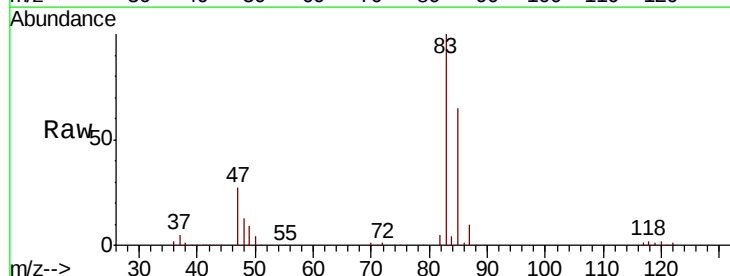
Instrument :
MSVOA_W
ClientSampled :

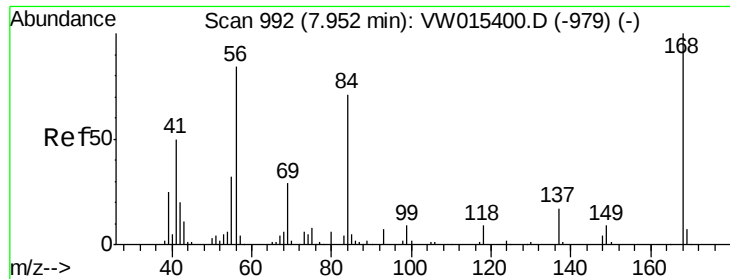
Tot Ion: 42 Resp: 96836
Ion Ratio Lower Upper
42 100
72 43.6 33.6 50.4
71 41.0 32.1 48.1



#30
Chloroform
Concen: 50.833 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 83 Resp: 211358
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6

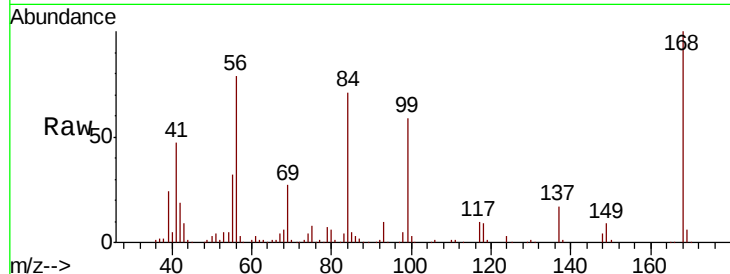




#31
Cyclohexane
Concen: 46.533 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	34.5	27.2	40.8	
84	87.9	67.7	101.5	

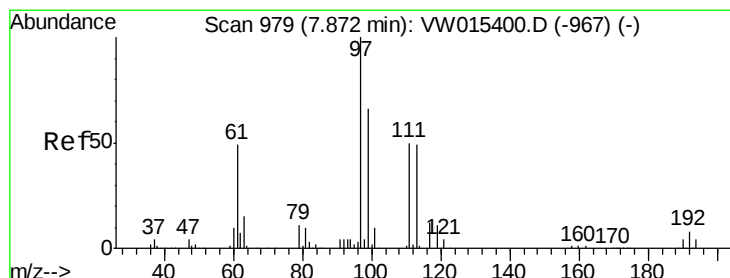
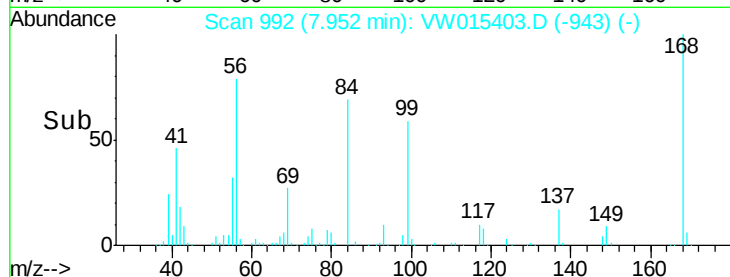
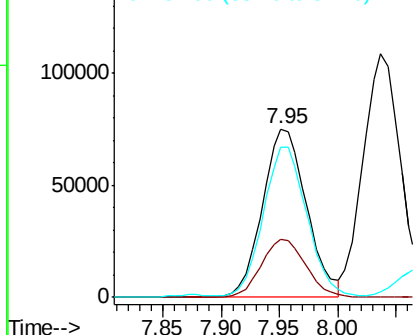


Abundance

Ion 56.00 (55.70 to 56.70): VW

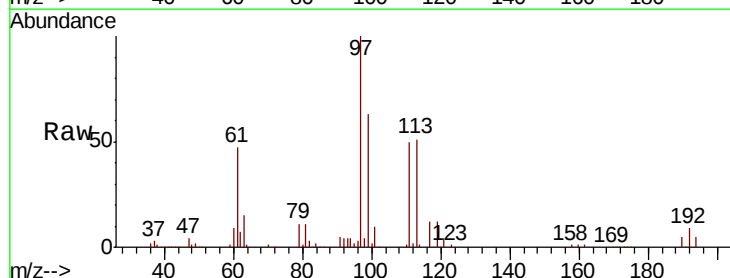
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 50.538 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	63.3	50.7	76.1	
61	47.2	38.0	57.0	

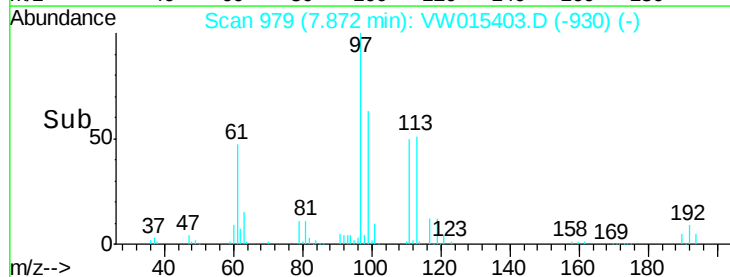
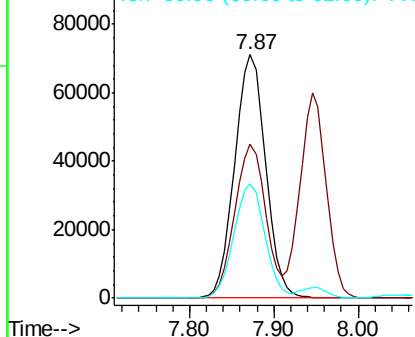


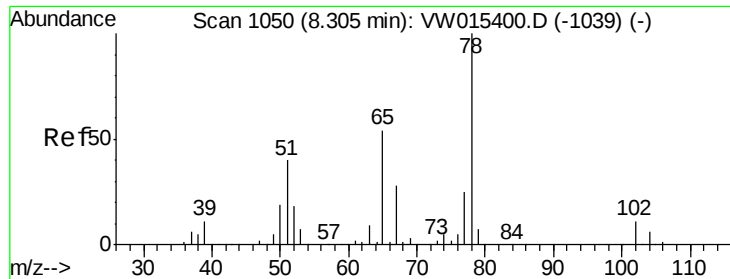
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

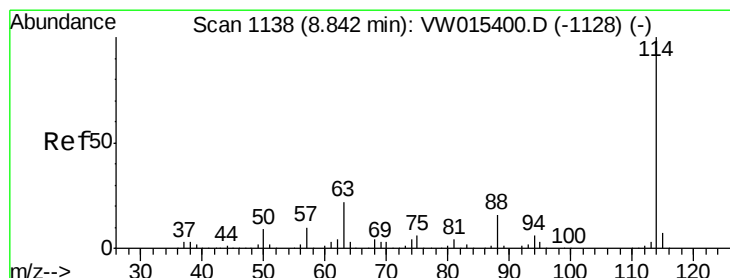
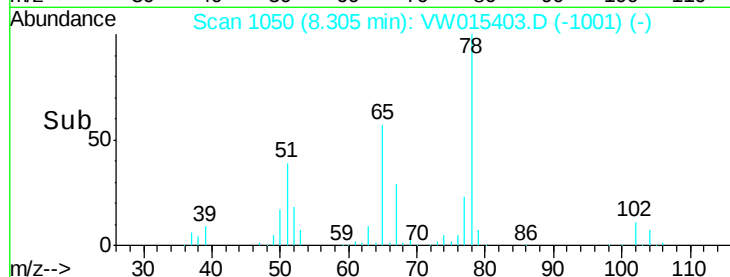
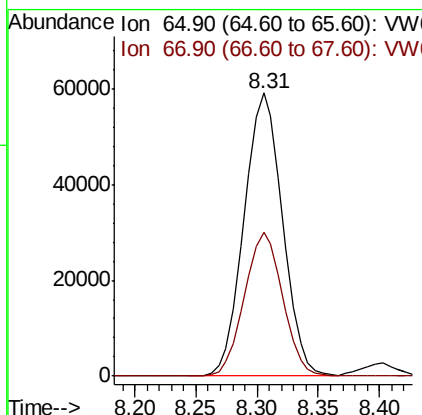
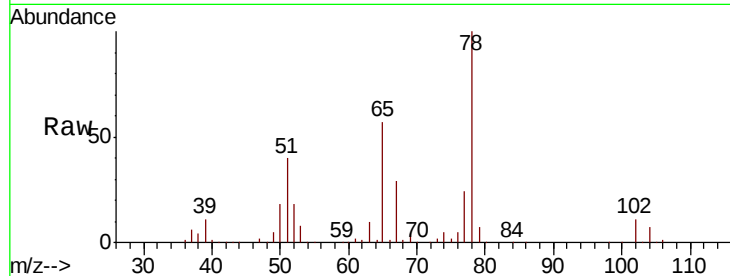




#33
 1,2-Dichloroethane-d4
 Concen: 55.758 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

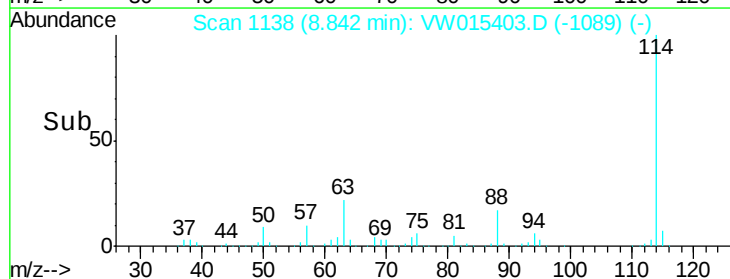
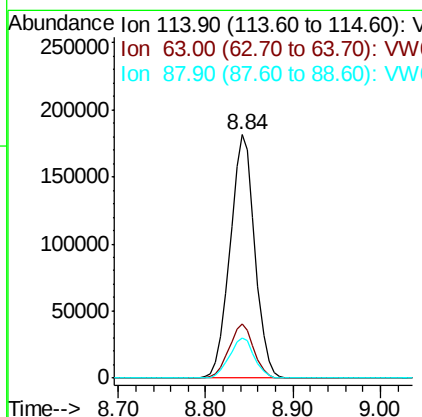
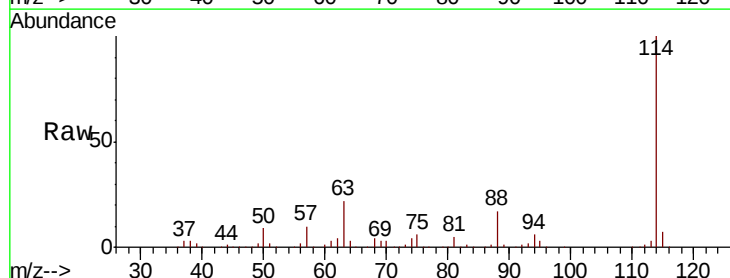
Instrument :
 MSVOA_W
 ClientSampleId :

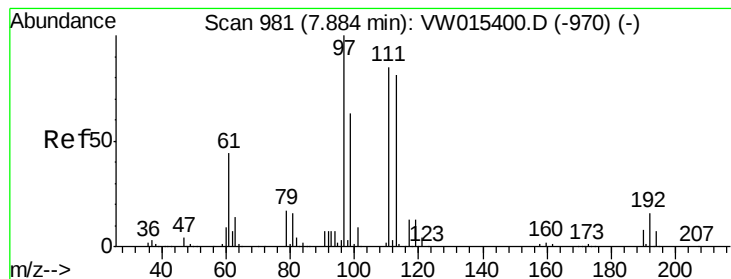
Tot Ion: 65 Resp: 129287
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 114 Resp: 355500
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.813 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

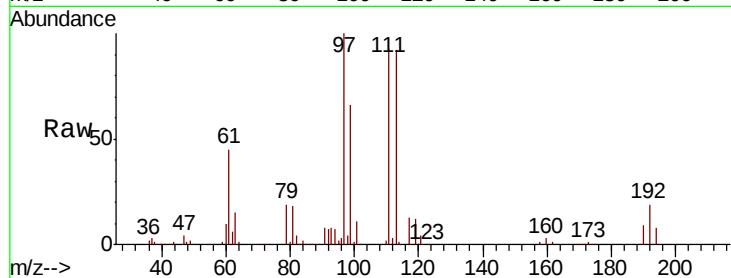
Tot Ion:113 Resp: 111842

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

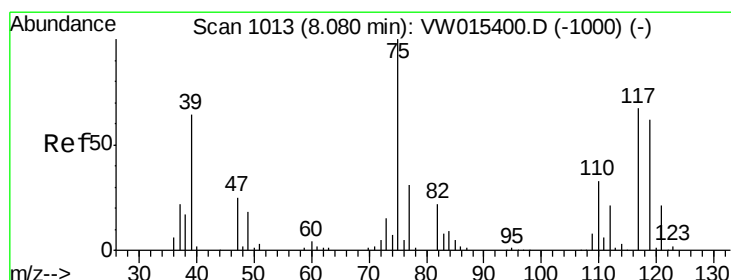
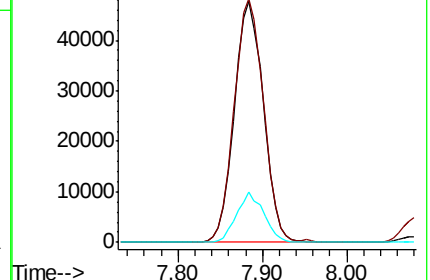
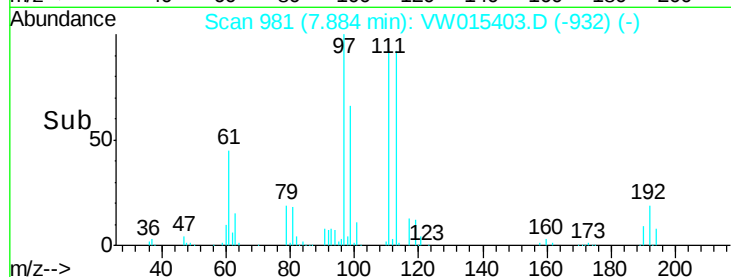
192 19.4 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.851 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

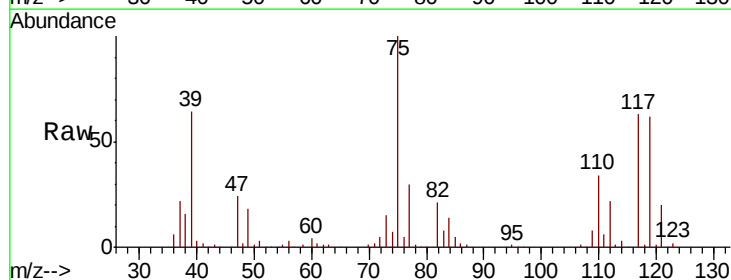
Tgt Ion: 75 Resp: 170622

Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.8

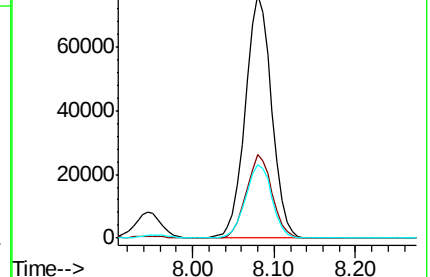
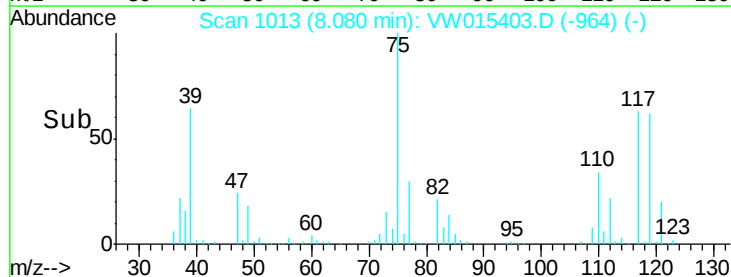
77 30.6 24.5 36.7

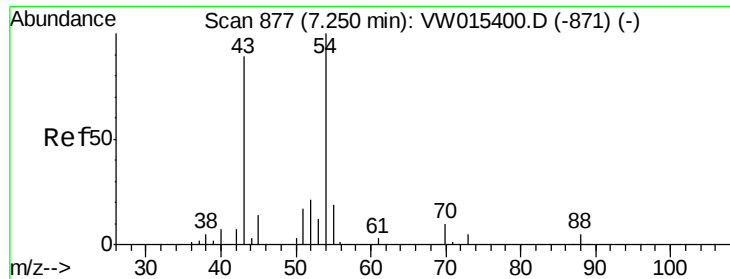


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 52.144 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

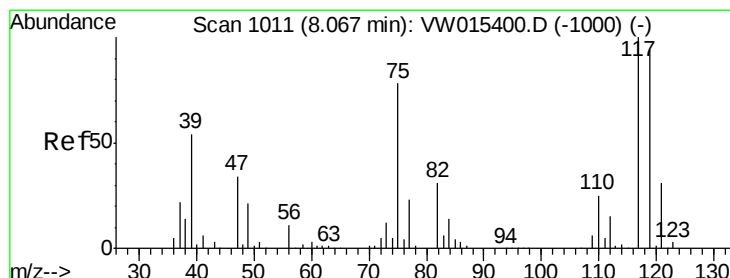
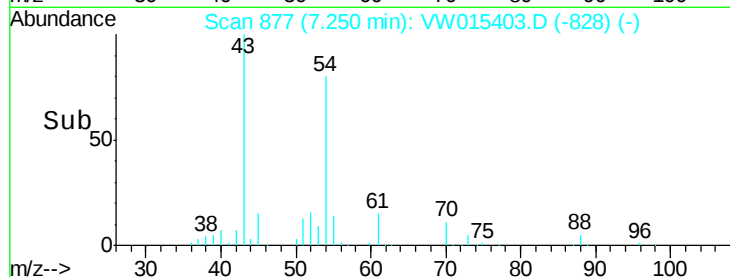
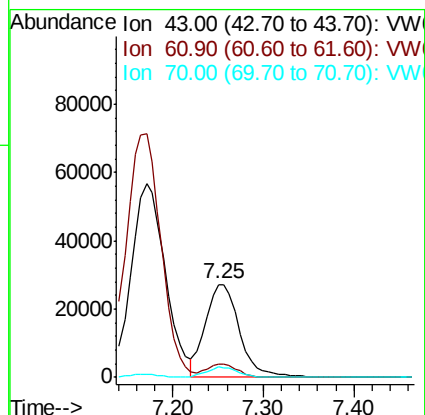
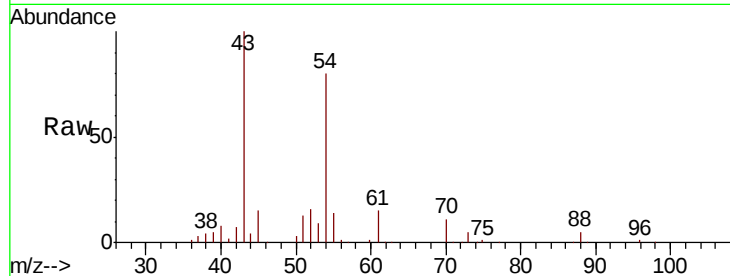
Tot Ion: 43 Resp: 70668

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.2

70 10.2 8.0 12.0



#38

Carbon Tetrachloride

Concen: 48.802 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

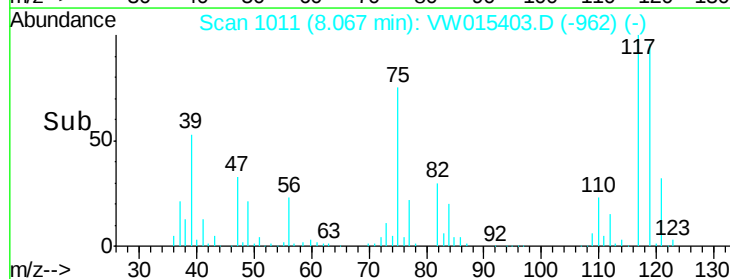
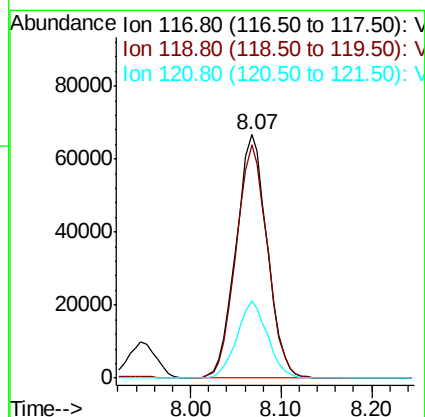
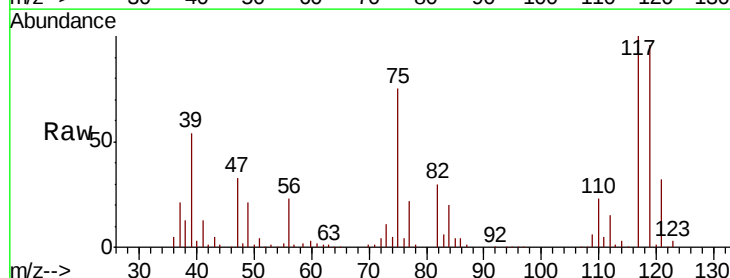
Tgt Ion: 117 Resp: 159351

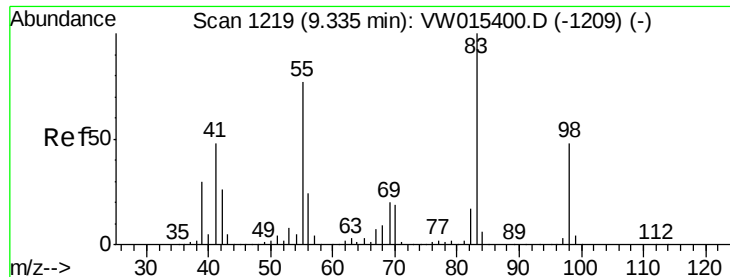
Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.0

121 31.5 24.8 37.2

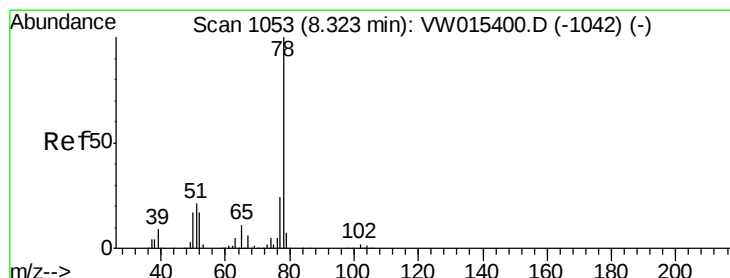
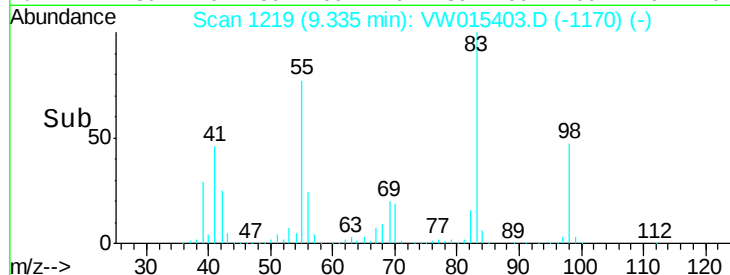
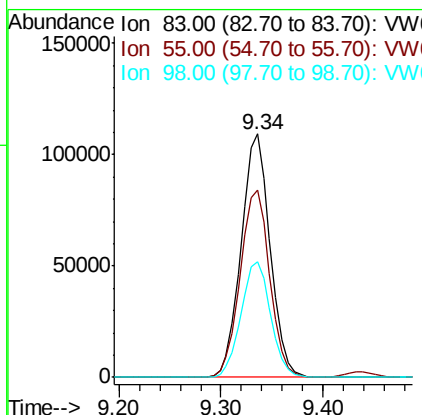
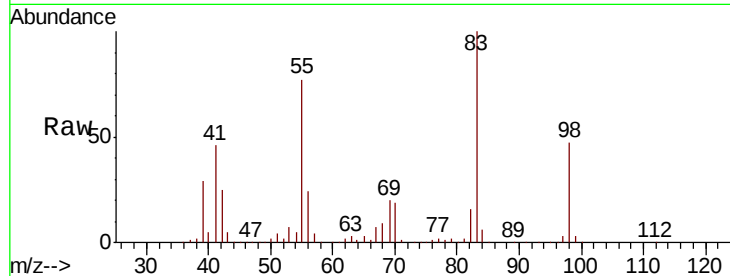




#39
Methvlcvclohexane
Concen: 48.726 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

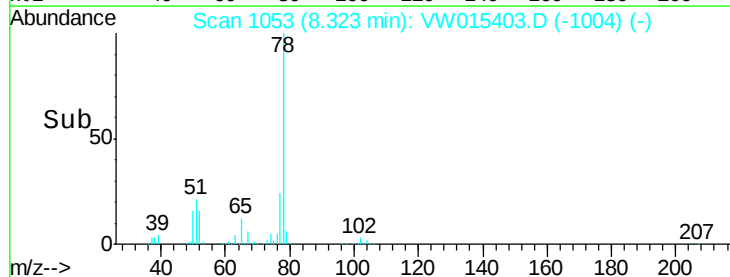
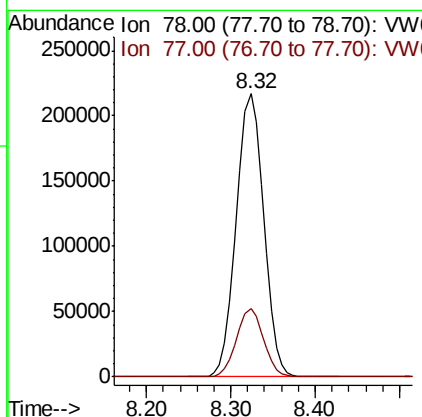
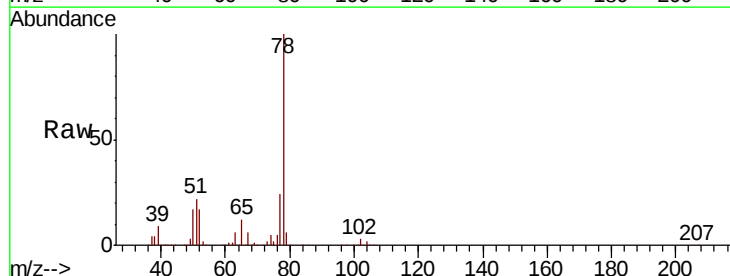
Instrument :
MSVOA_W
ClientSampled :

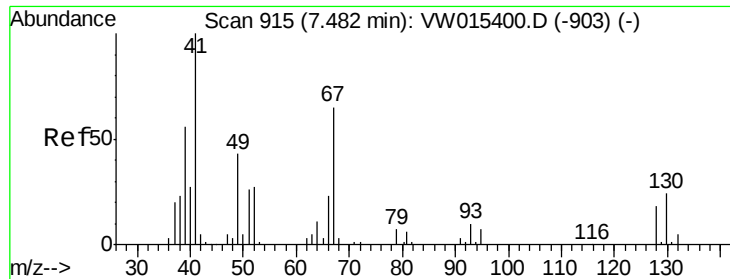
Tot Ion	83	Resp	215430
Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.9	92.9
98	47.5	38.2	57.2



#40
Benzene
Concen: 50.084 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	78	Resp	477098
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

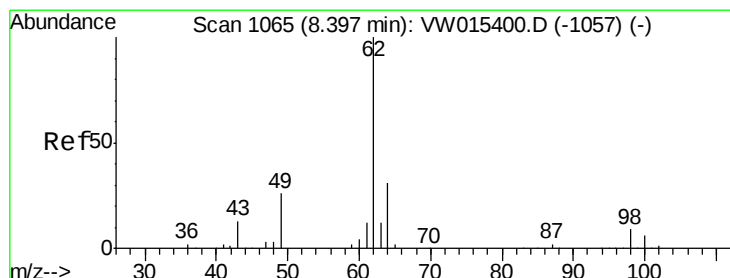
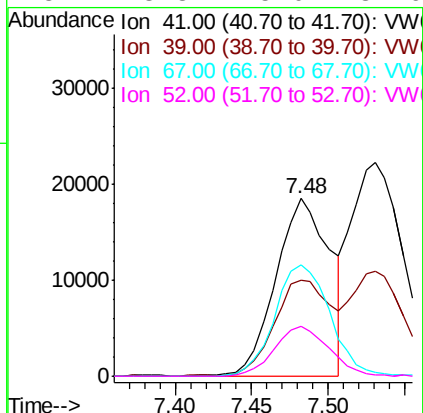
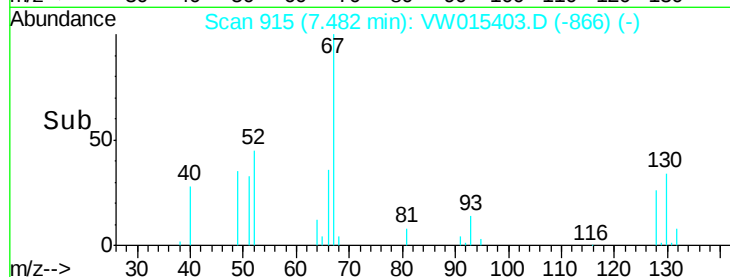
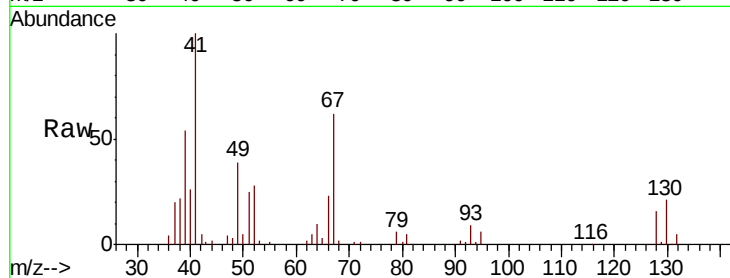




#41
Methacrylonitrile
Concen: 52.779 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

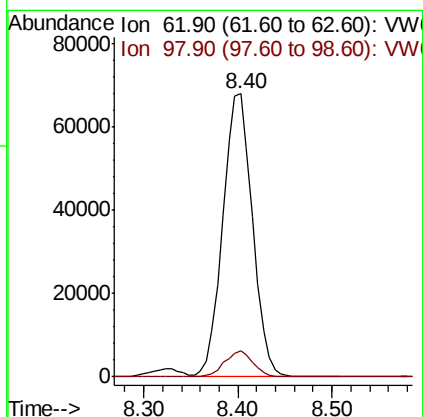
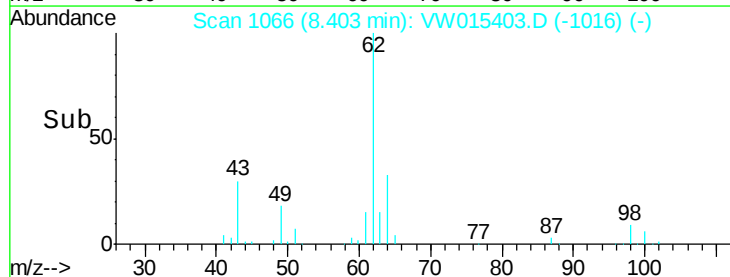
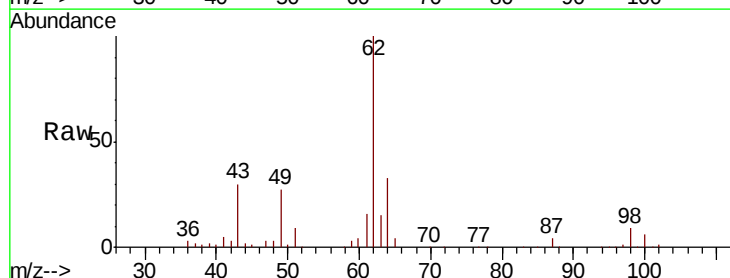
Instrument :
MSVOA_W
ClientSampleId :

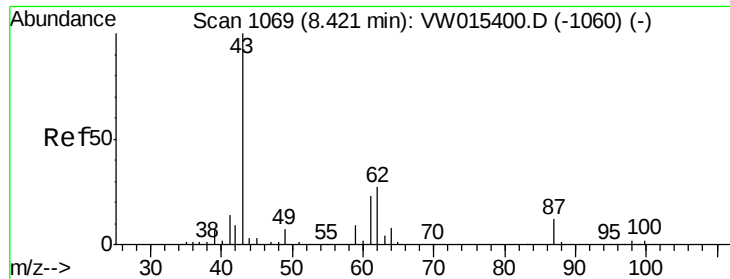
Tot Ion: 41 Resp: 45194
Ion Ratio Lower Upper
41 100
39 57.4 46.2 69.4
67 64.7 56.2 84.2
52 28.8 25.0 37.6



#42
1,2-Dichloroethane
Concen: 50.930 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 62 Resp: 147769
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 51.921 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

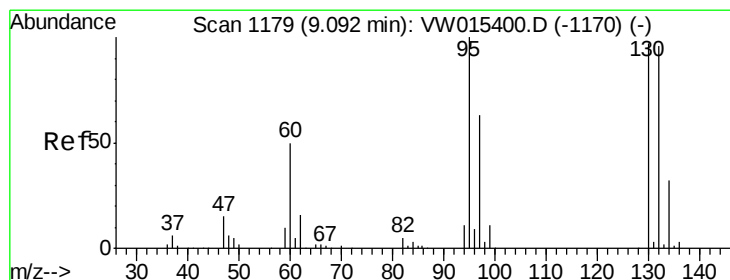
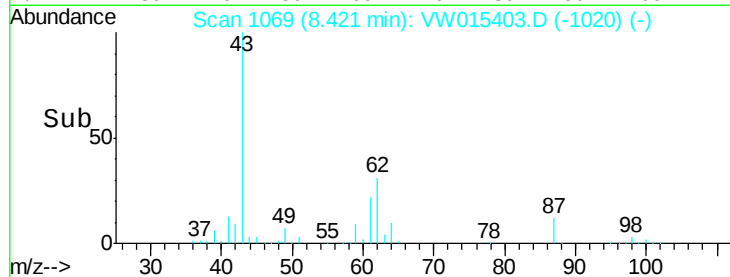
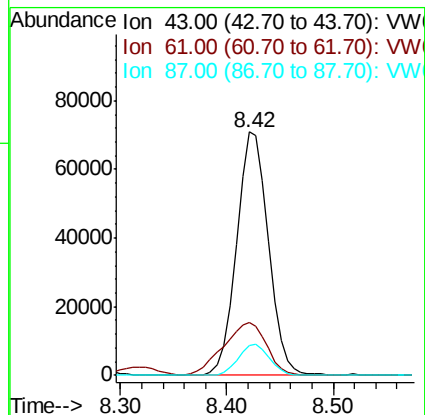
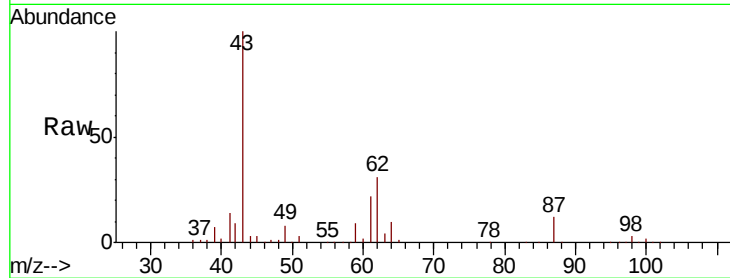
Tot Ion: 43 Resp: 147986

Ion Ratio Lower Upper

43 100

61 29.4 24.3 36.5

87 12.7 10.1 15.1



#44

Trichloroethene

Concen: 49.803 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015403.D

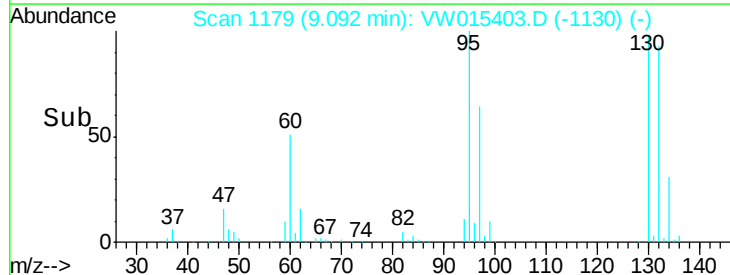
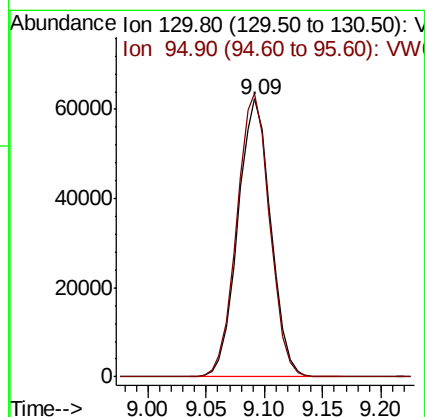
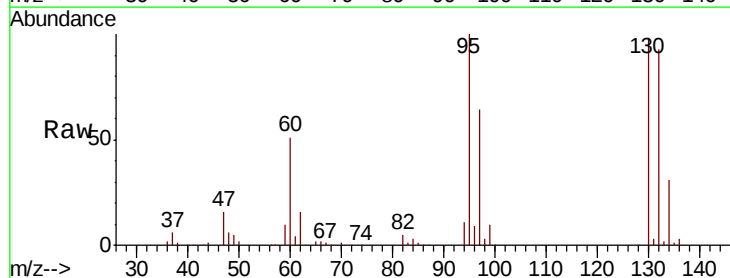
Acq: 05 May 2020 19:49

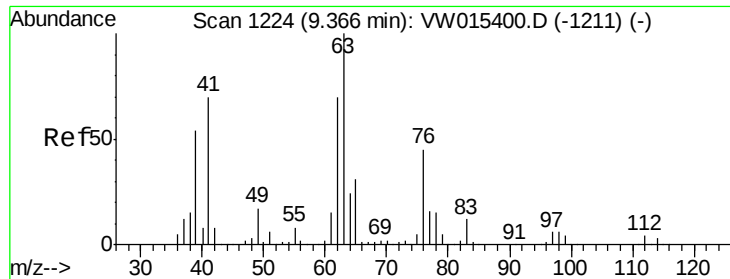
Tgt Ion: 130 Resp: 122960

Ion Ratio Lower Upper

130 100

95 101.8 0.0 205.8

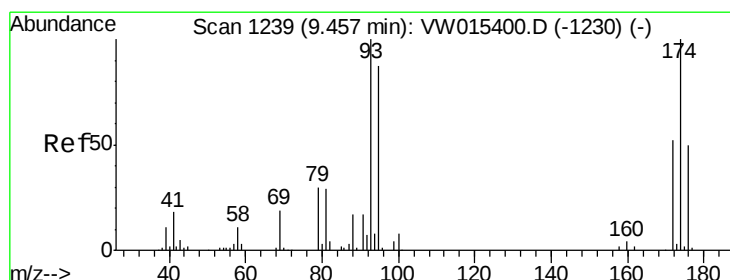
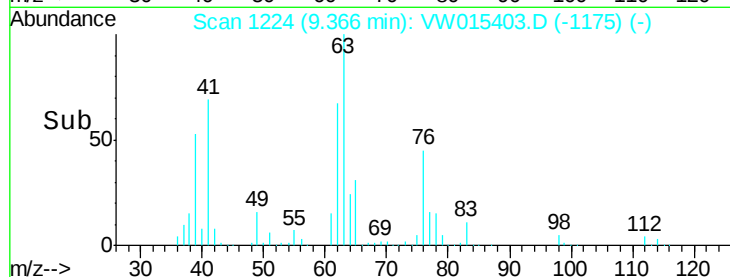
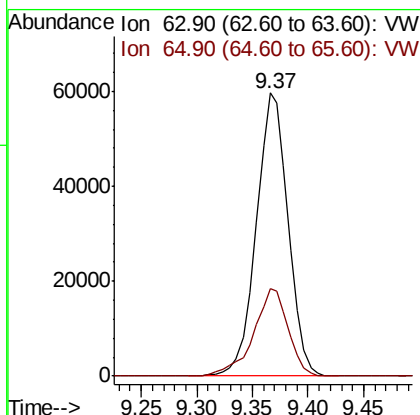
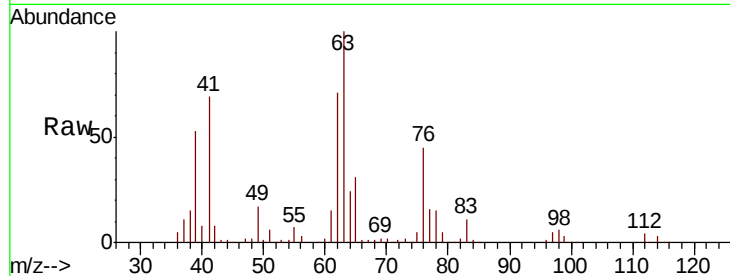




#45
 1,2-Dichloropropane
 Concen: 50.345 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

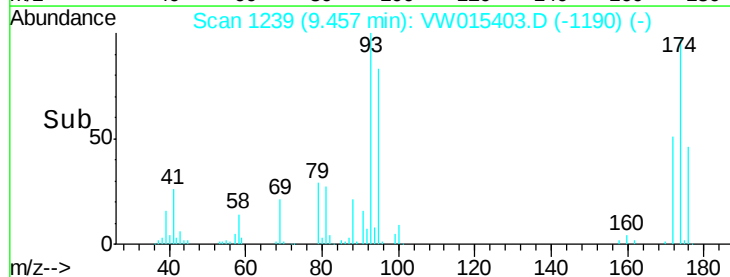
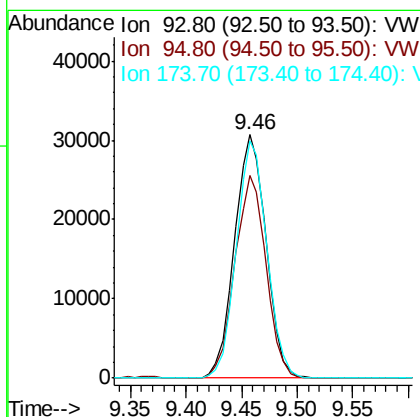
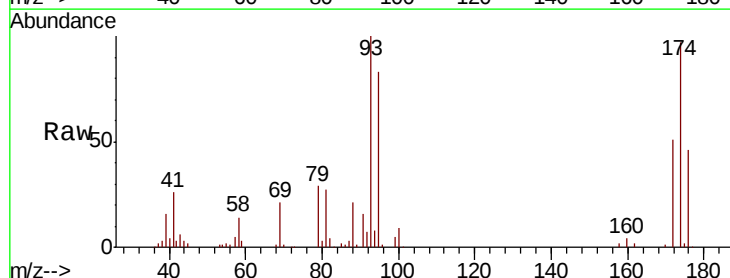
Instrument :
 MSVOA_W
 ClientSampled :

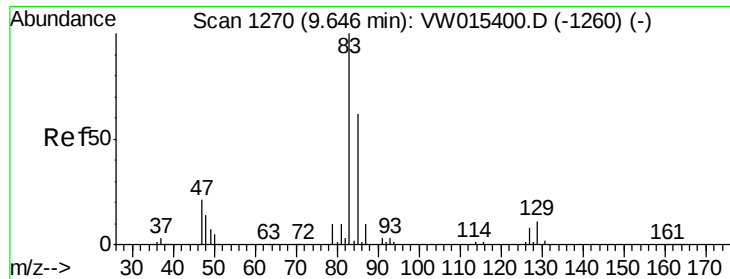
Tot Ion: 63 Resp: 118471
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 51.280 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 93 Resp: 60019
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.4
 174 94.7 78.4 117.6





#47

Bromodichloromethane

Concen: 51.065 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

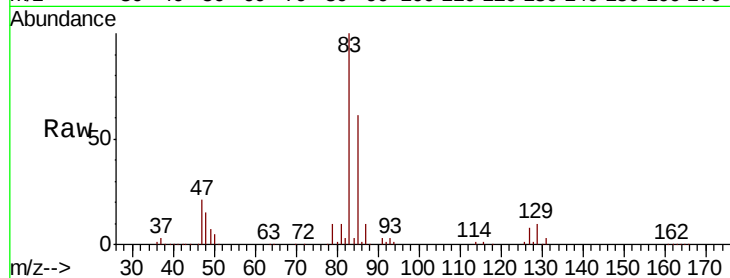
Tot Ion: 83 Resp: 162884

Ion Ratio Lower Upper

83 100

85 61.1 49.4 74.0

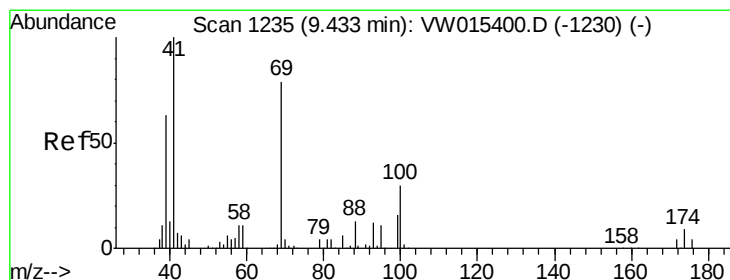
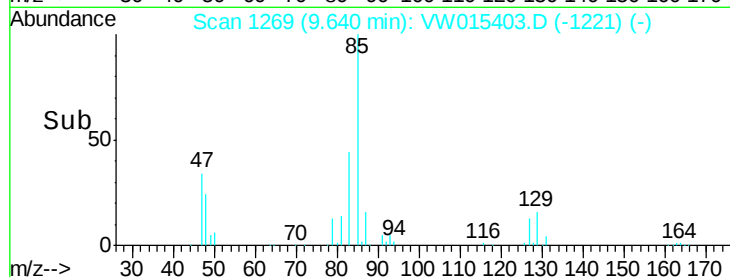
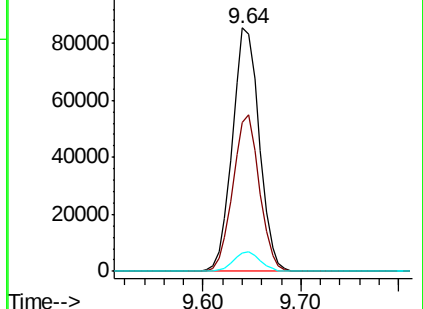
127 7.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.051 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

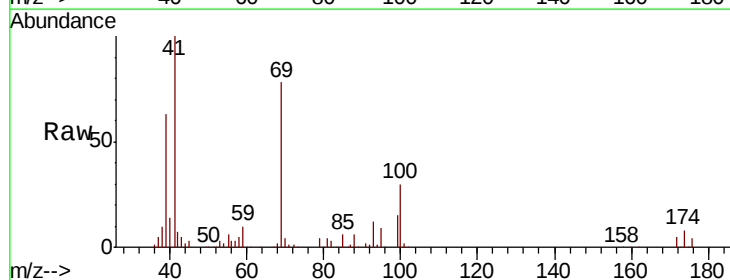
Tgt Ion: 41 Resp: 68528

Ion Ratio Lower Upper

41 100

69 84.1 66.2 99.4

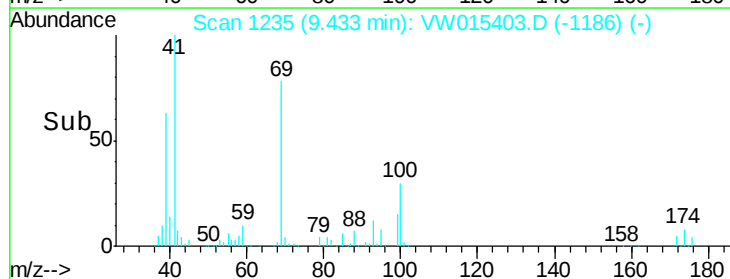
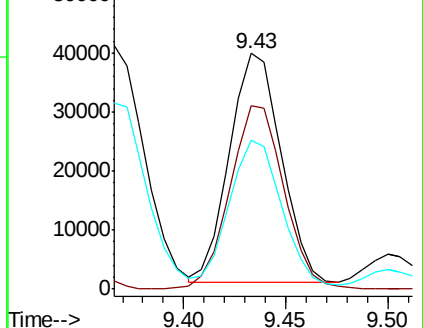
39 63.1 51.1 76.7

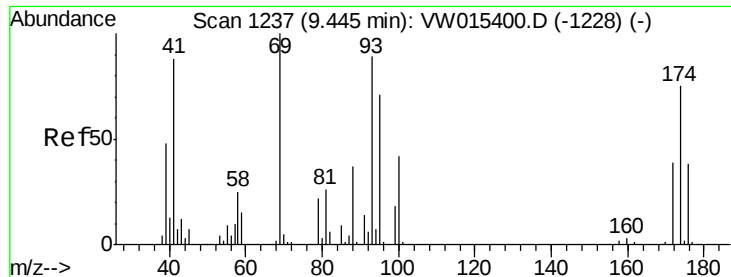


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1004.606 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :

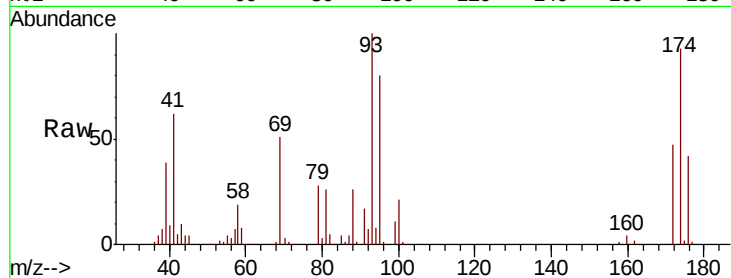
Tot Ion: 88 Resp: 14797

Ion Ratio Lower Upper

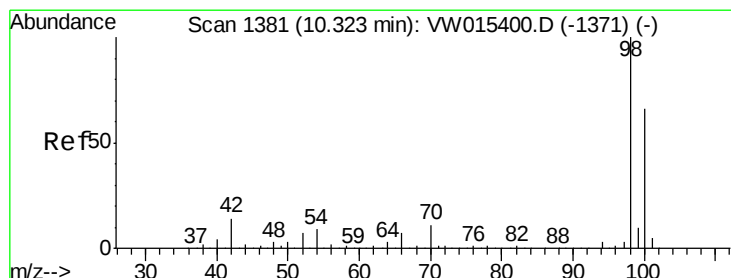
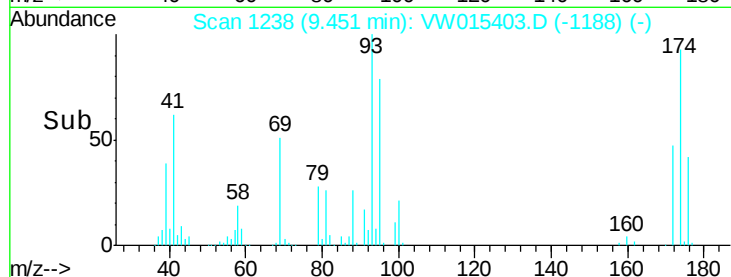
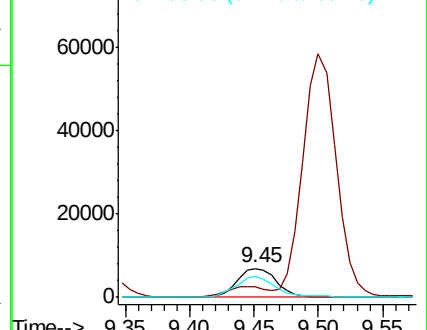
88 100

43 36.4 30.6 45.8

58 71.7 56.3 84.5



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



#50

Toluene-d8

Concen: 53.479 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015403.D

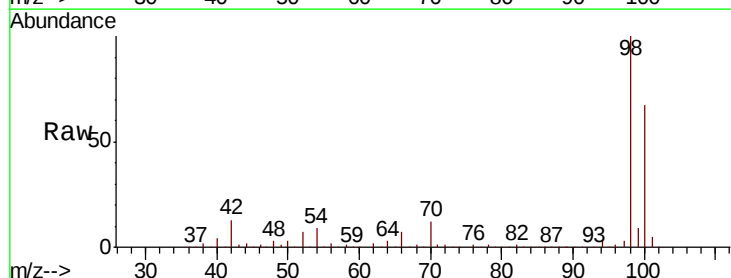
Acq: 05 May 2020 19:49

Tgt Ion: 98 Resp: 451579

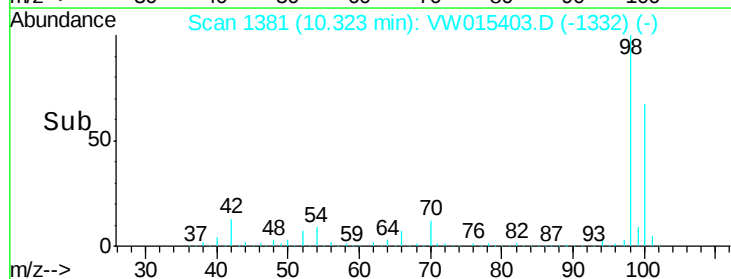
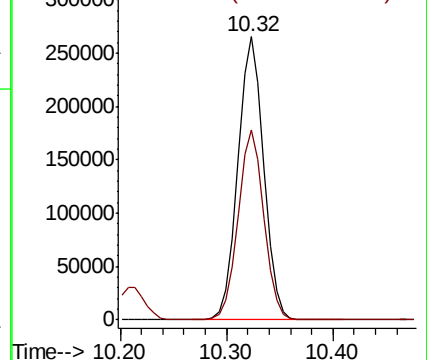
Ion Ratio Lower Upper

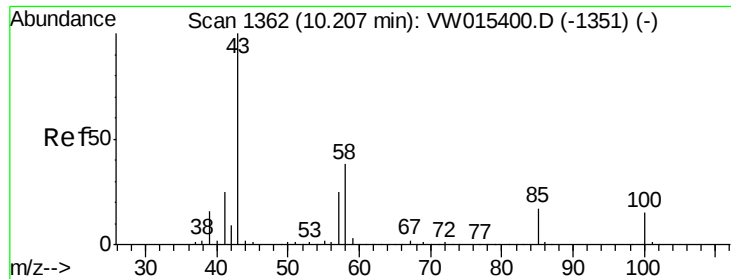
98 100

100 66.7 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 259.588 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

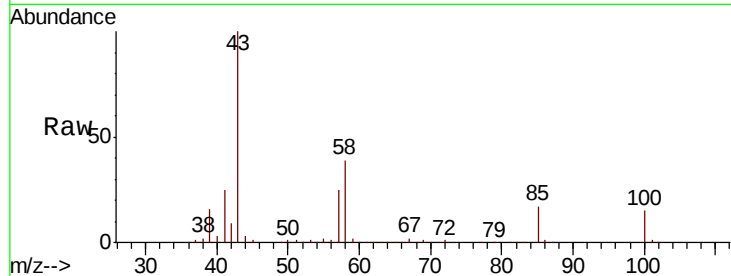
ClientSampled :

Tot Ion: 43 Resp: 346744

Ion Ratio Lower Upper

43 100

58 38.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

200000

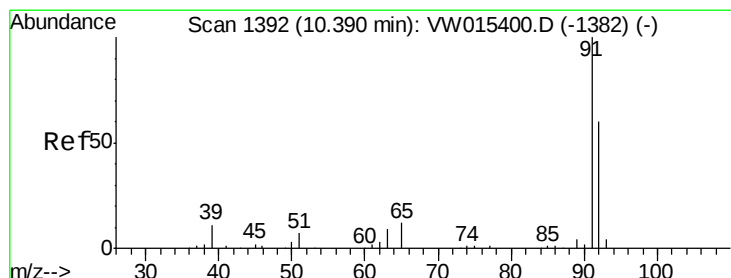
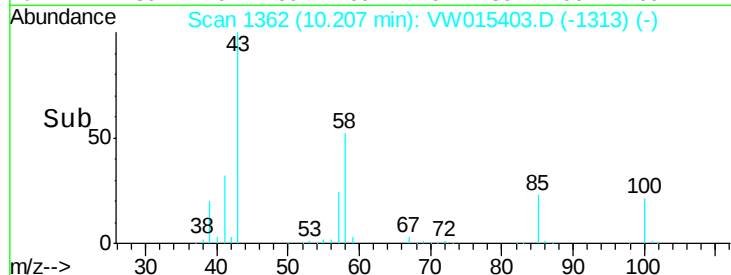
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.785 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015403.D

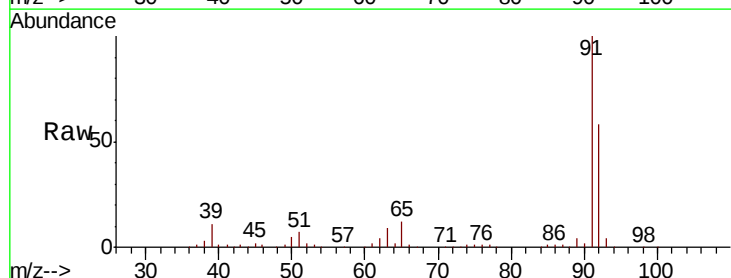
Acq: 05 May 2020 19:49

Tgt Ion: 92 Resp: 308188

Ion Ratio Lower Upper

92 100

91 169.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

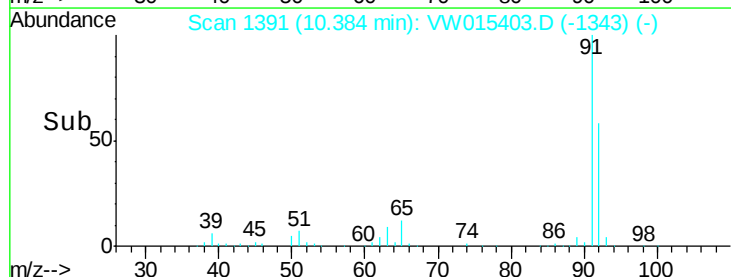
300000

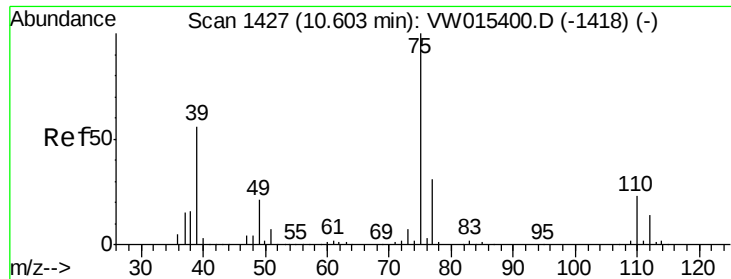
200000

100000

0

Time-->

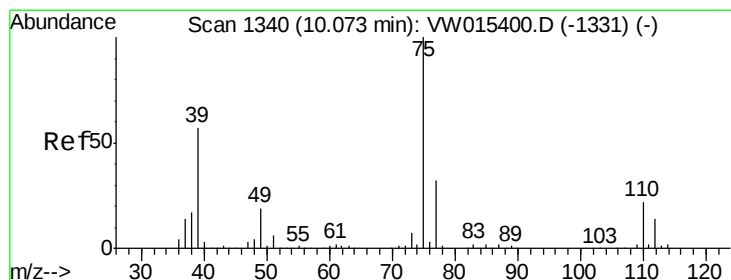
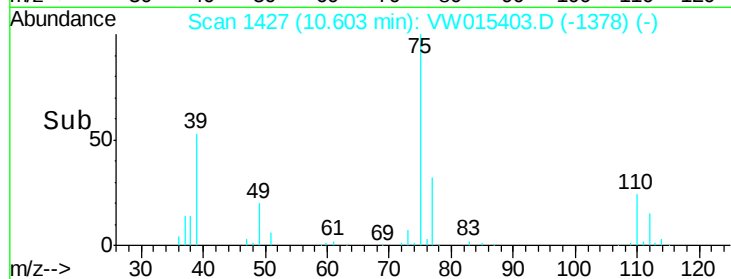
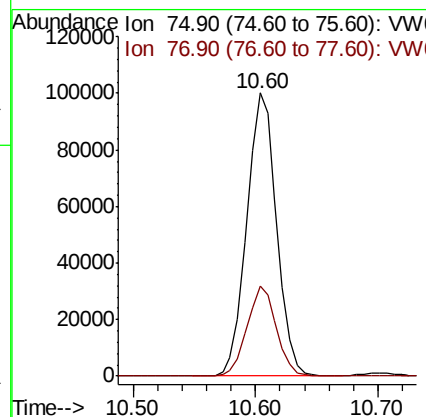
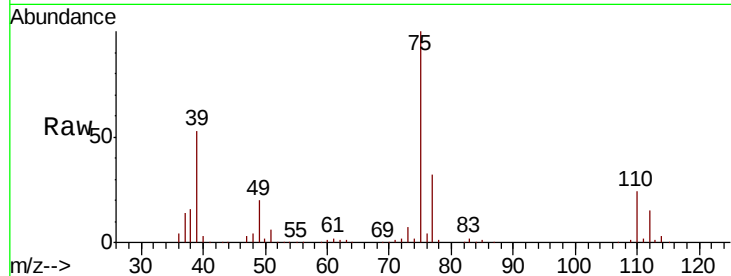




#53
 t-1,3-Dichloropropene
 Concen: 51.914 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

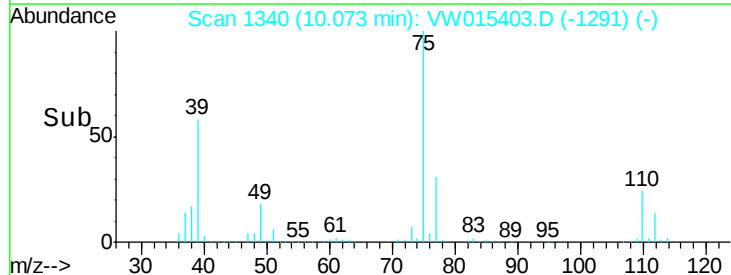
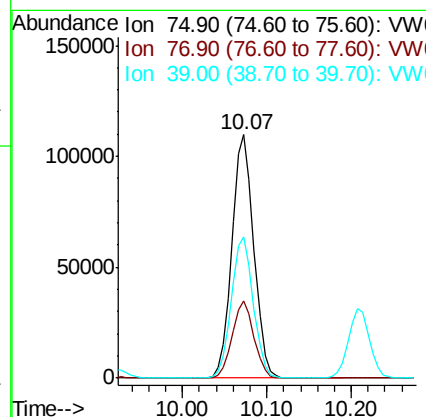
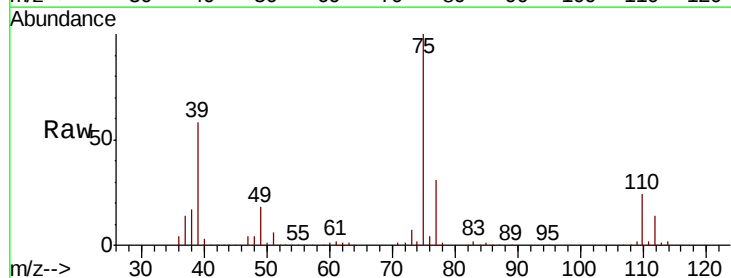
Instrument :
 MSVOA_W
 ClientSampled :

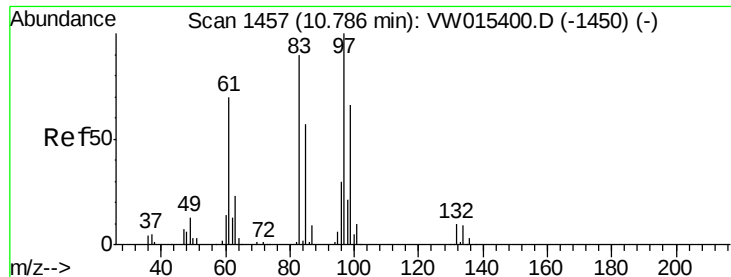
Tot Ion: 75 Resp: 169023
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.565 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 75 Resp: 193845
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 57.9 45.6 68.4

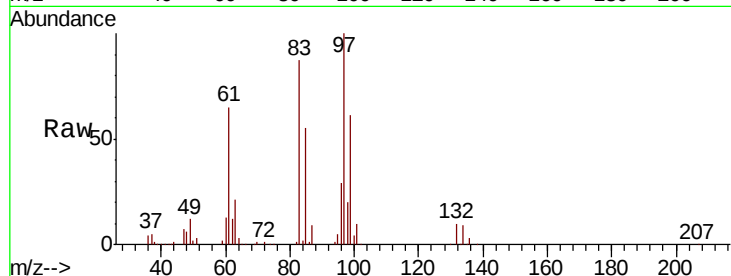




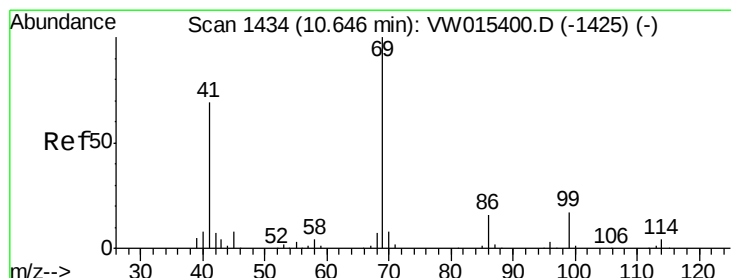
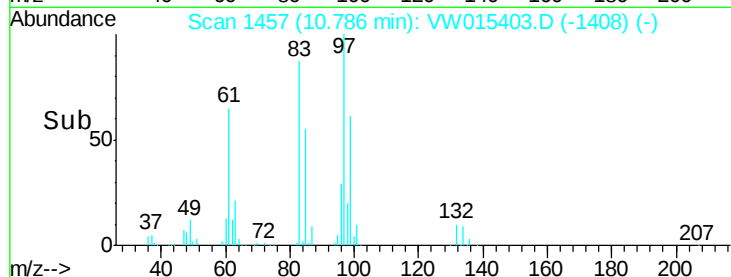
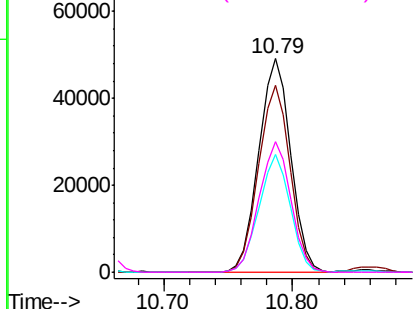
#55
 1,1,2-Trichloroethane
 Concen: 50.961 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 84344
 Ion Ratio Lower Upper
 97 100
 83 87.4 72.2 108.4
 85 55.1 45.2 67.8
 99 61.0 52.6 78.8

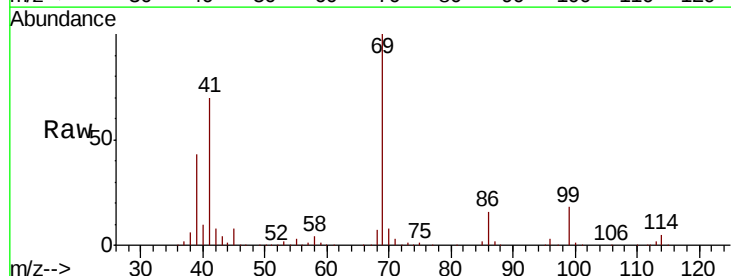


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

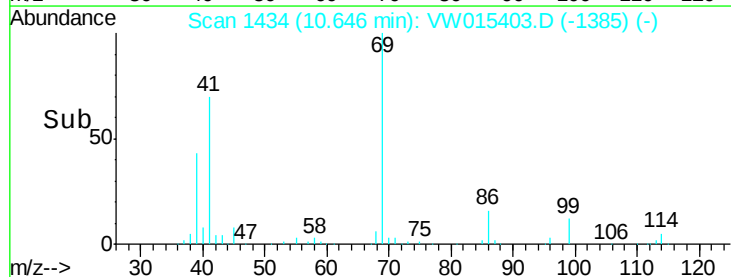
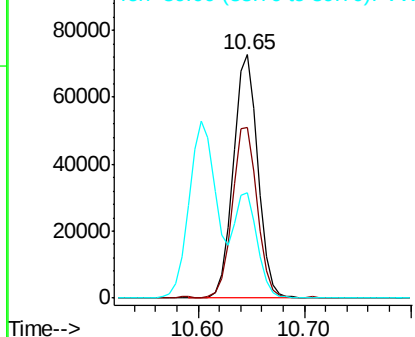


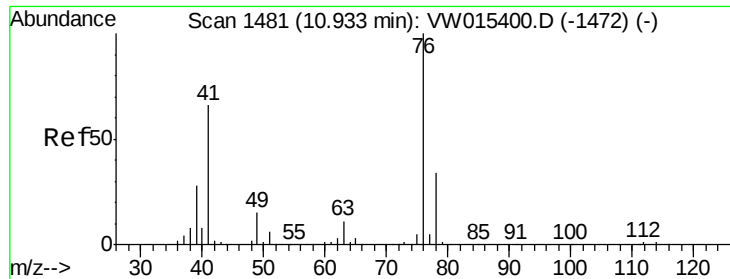
#56
 Ethyl methacrylate
 Concen: 51.792 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 69 Resp: 117777
 Ion Ratio Lower Upper
 69 100
 41 71.1 55.3 82.9
 39 39.7 31.9 47.9



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

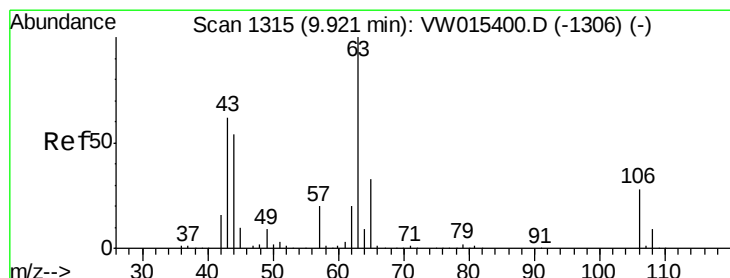
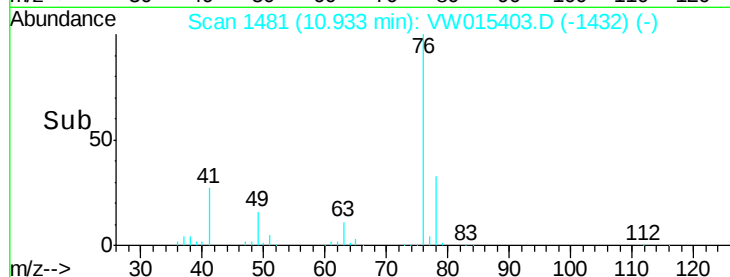
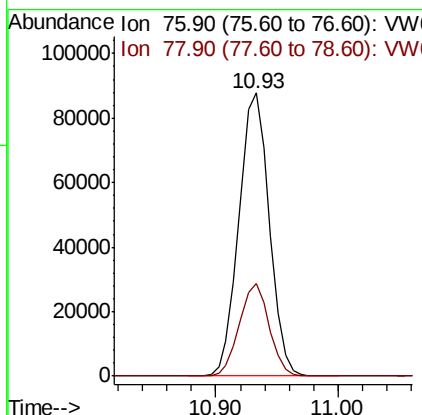
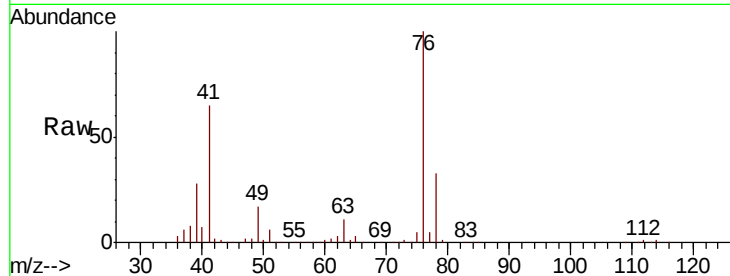




#57
 1,3-Dichloropropane
 Concen: 50.903 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

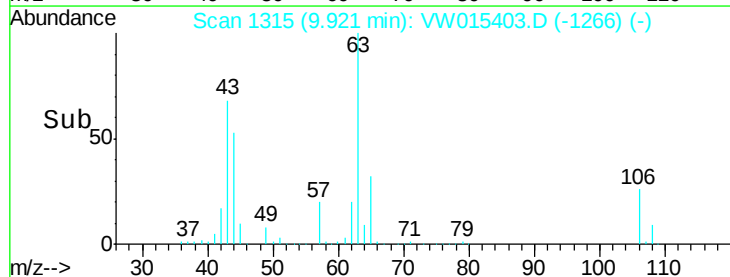
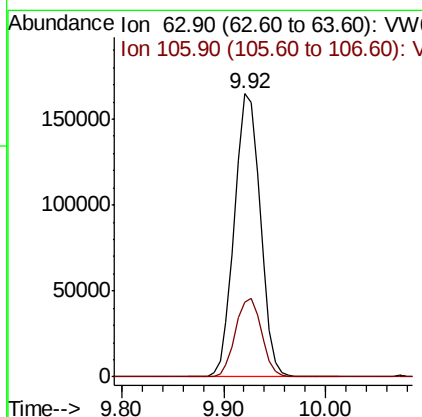
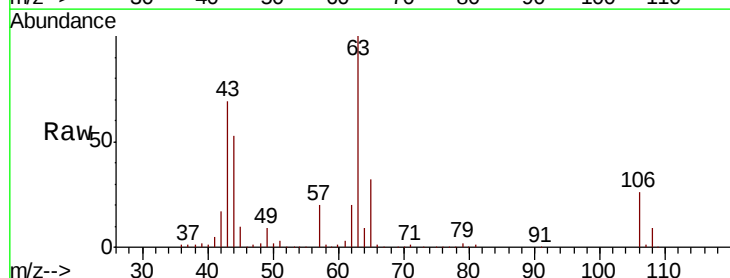
Instrument :
 MSVOA_W
 ClientSampleId :

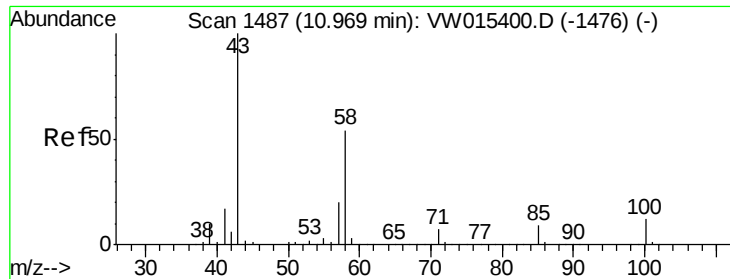
Tot Ion: 76 Resp: 151474
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.734 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 63 Resp: 288454
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.6 33.8

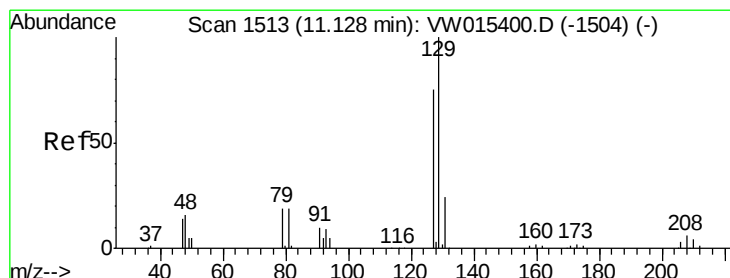
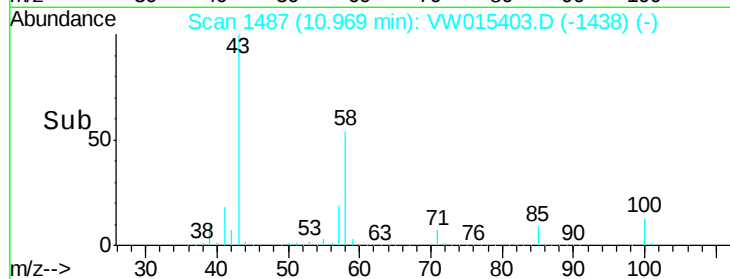
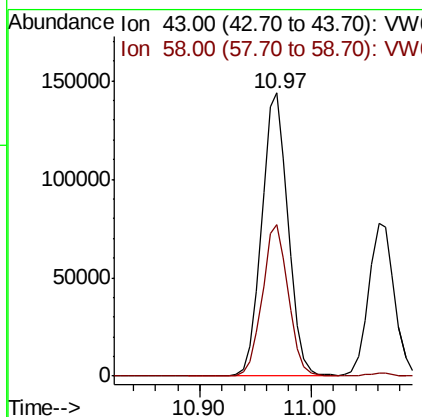
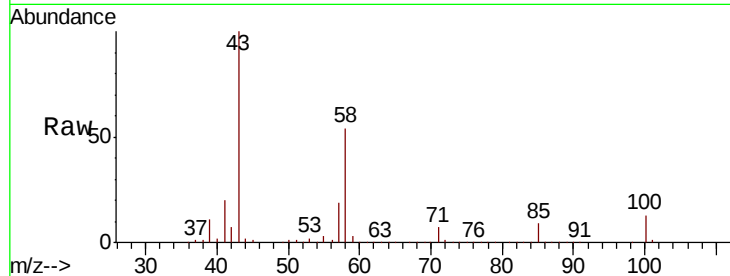




#59
2-Hexanone
Concen: 262.252 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

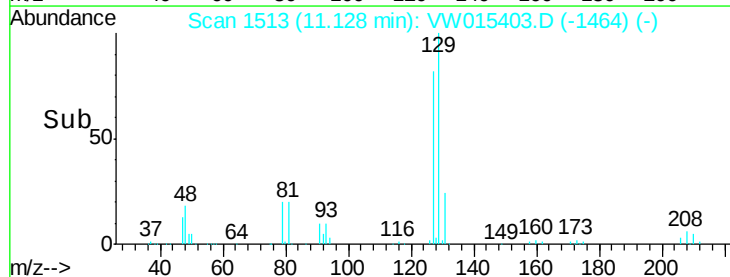
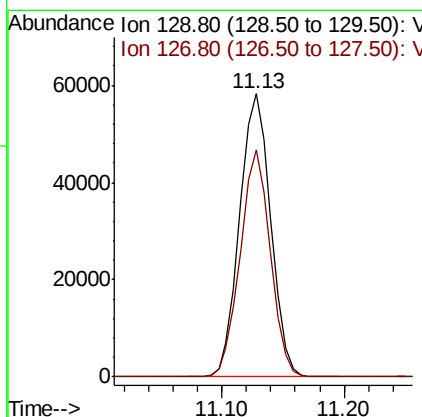
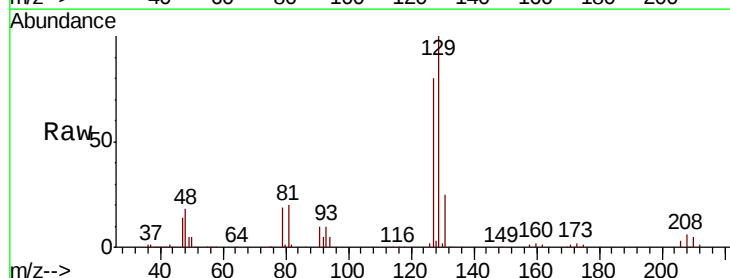
Instrument :
MSVOA_W
ClientSampled :

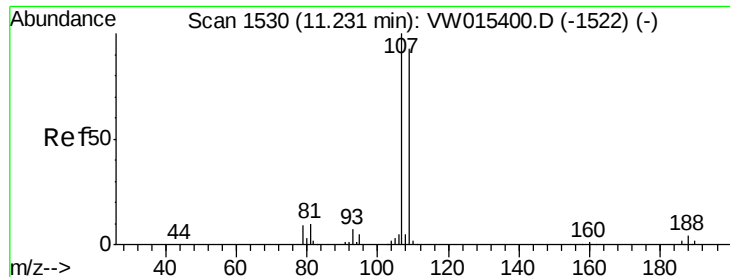
Tot Ion: 43 Resp: 237025
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.0



#60
Dibromochloromethane
Concen: 51.543 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 129 Resp: 102597
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

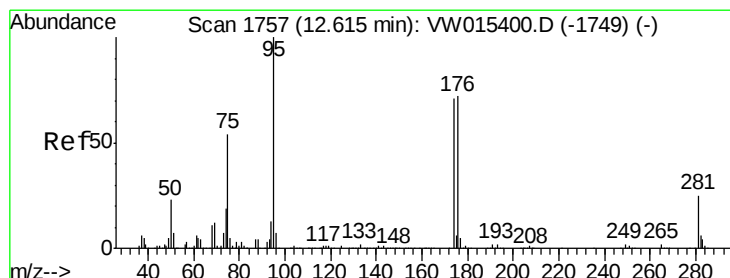
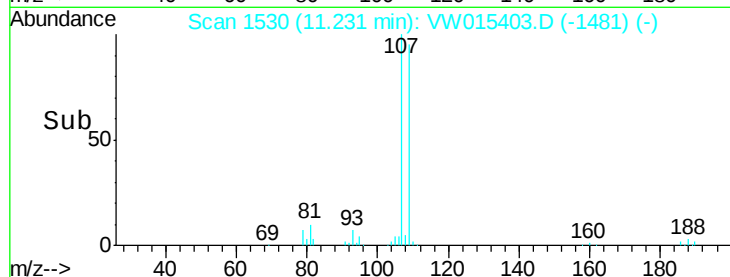
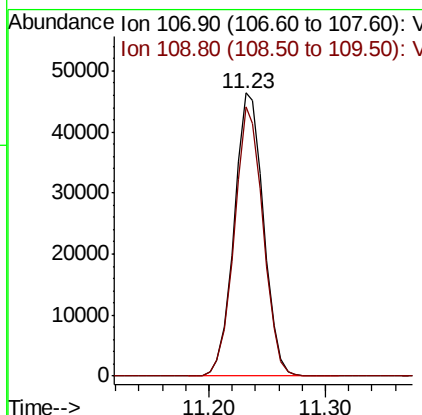
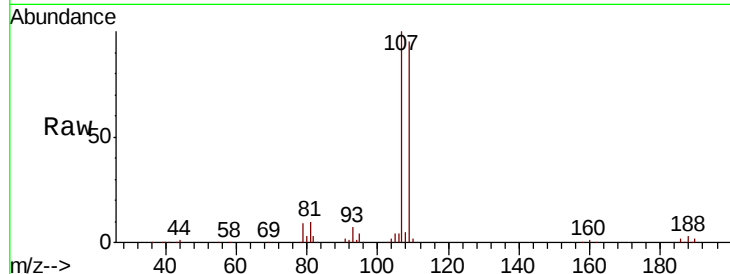




#61
 1,2-Dibromoethane
 Concen: 51.893 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

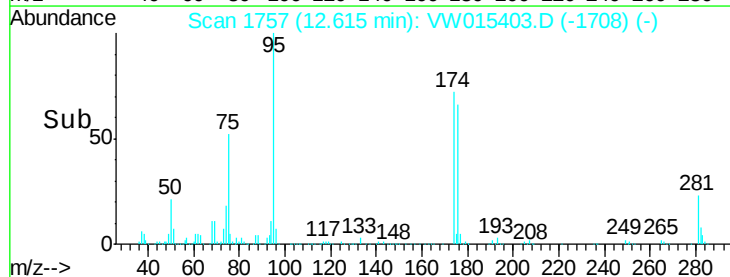
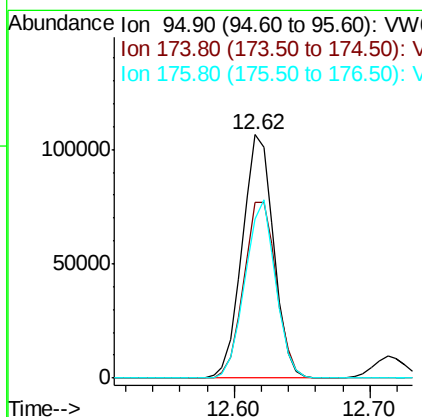
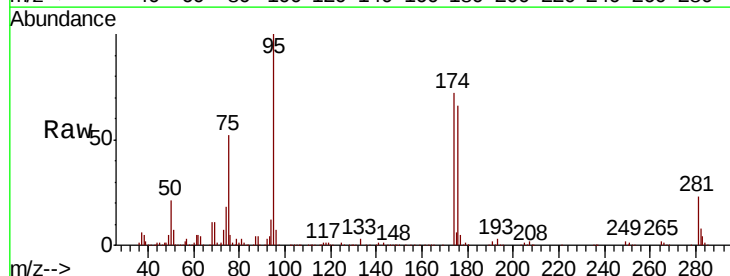
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 107 Resp: 81321
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 55.124 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 95 Resp: 171876
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.6
 176 71.4 0.0 144.4

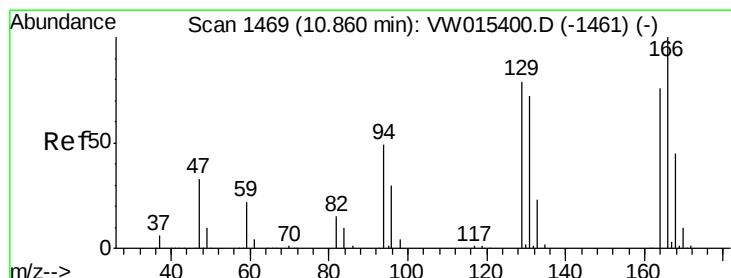
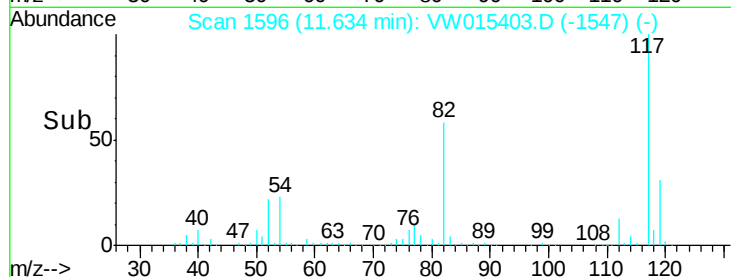
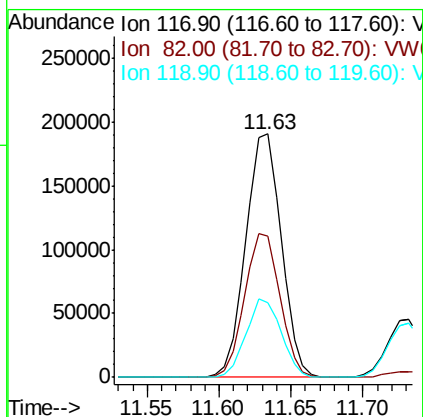
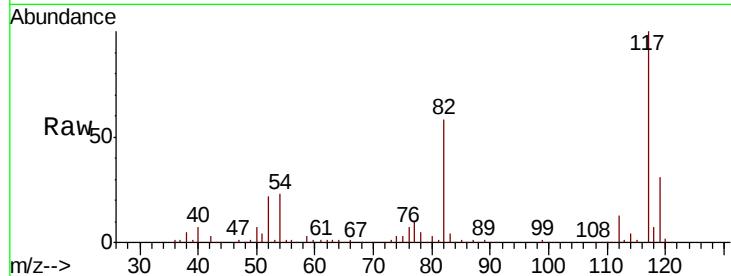




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

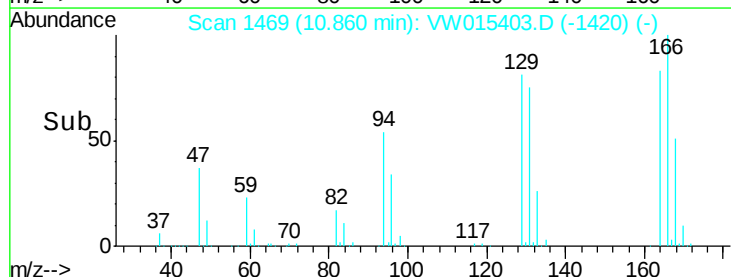
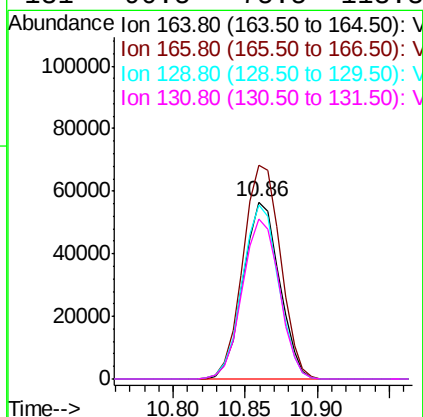
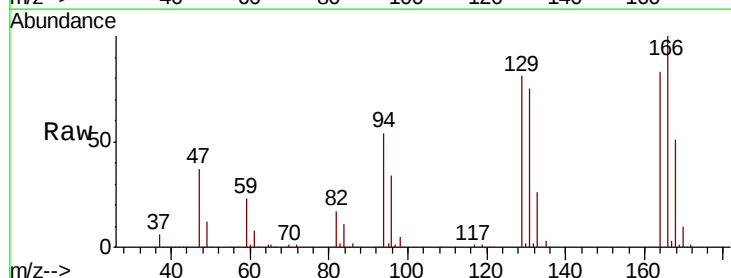
Instrument :
MSVOA_W
ClientSampled :

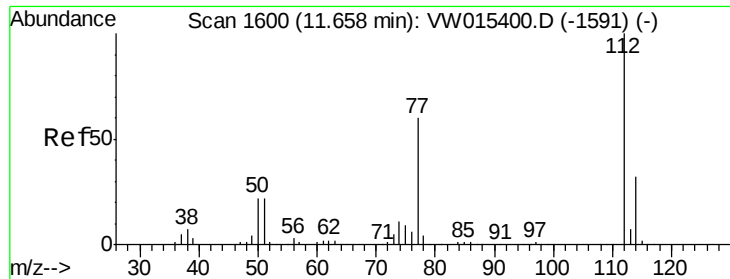
Tot Ion:117 Resp: 326369
Ion Ratio Lower Upper
117 100
82 58.0 46.4 69.6
119 30.5 24.6 37.0



#64
Tetrachloroethene
Concen: 49.503 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:164 Resp: 98752
Ion Ratio Lower Upper
164 100
166 120.8 104.9 157.3
129 98.5 82.7 124.1
131 90.5 75.5 113.3

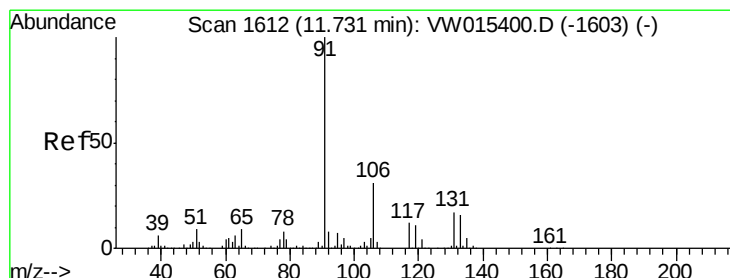
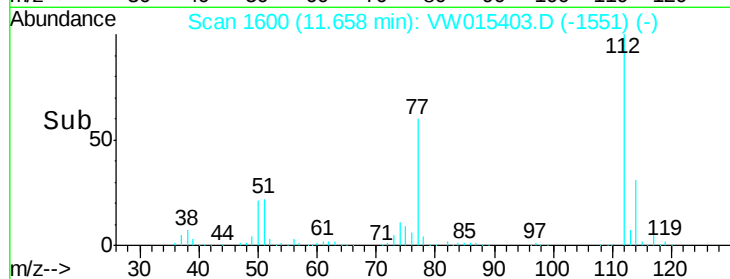
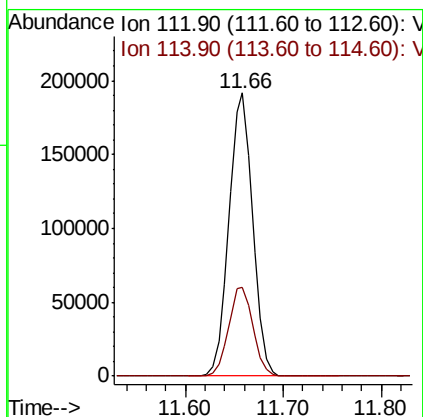
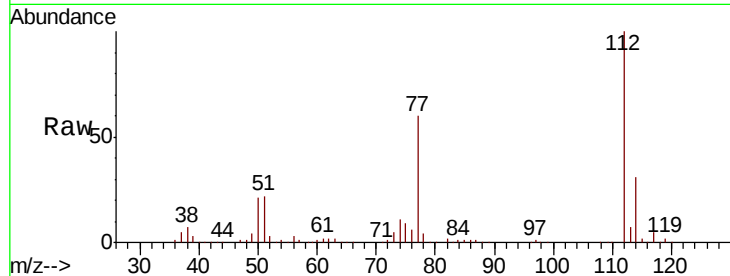




#65
Chlorobenzene
Concen: 49.901 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

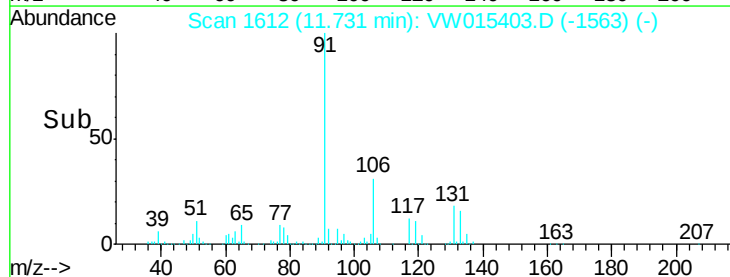
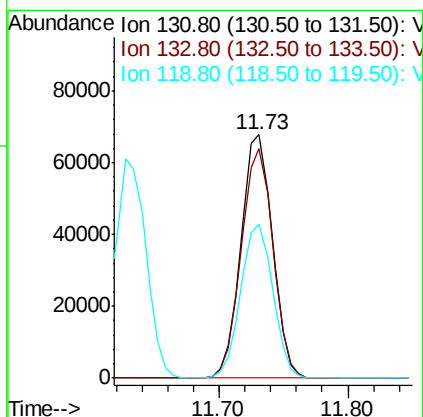
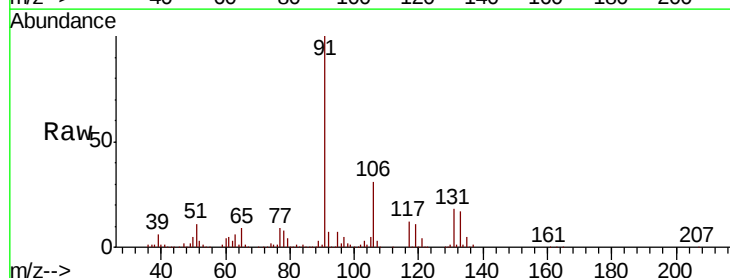
Instrument :
MSVOA_W
ClientSampleId :

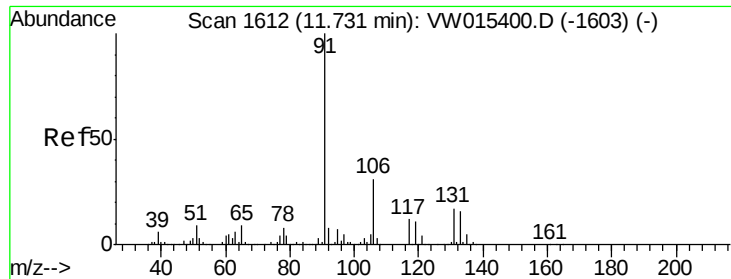
Tot Ion:112 Resp: 321108
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.300 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:131 Resp: 114761
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 64.2 33.0 99.0

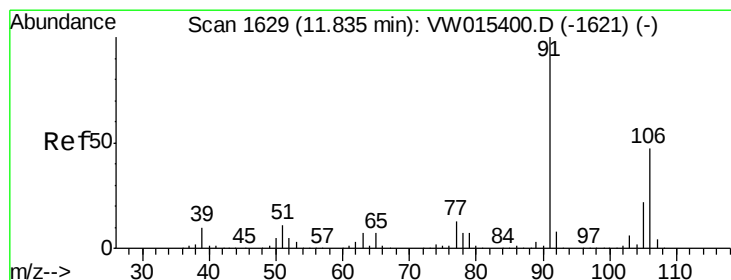
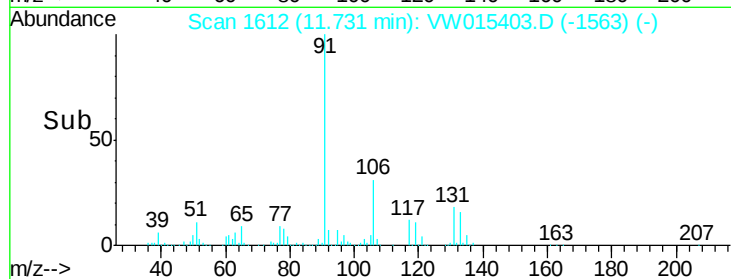
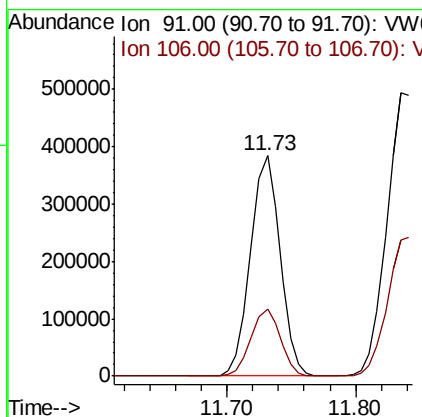
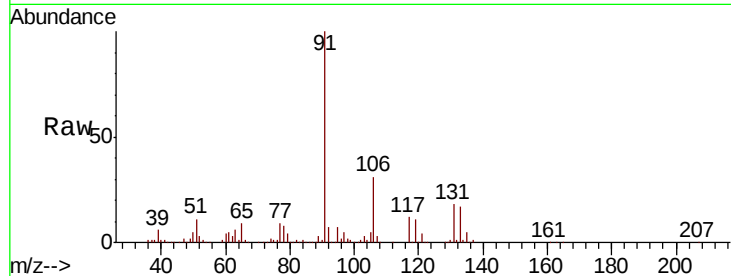




#67
Ethyl Benzene
Concen: 49.408 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

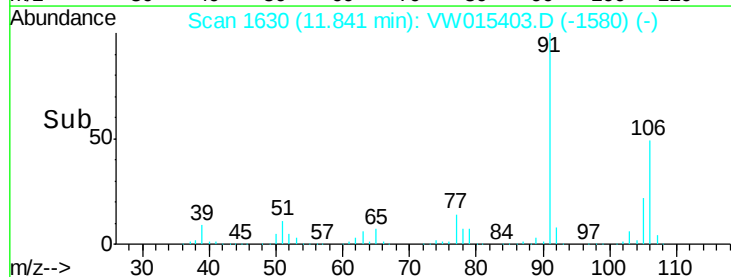
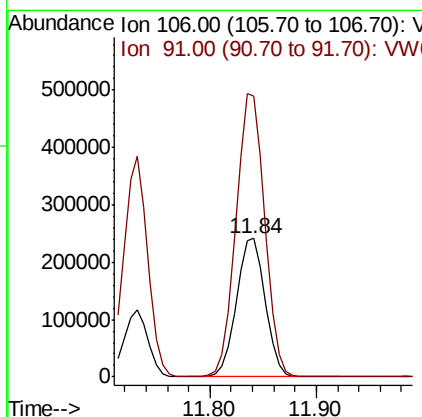
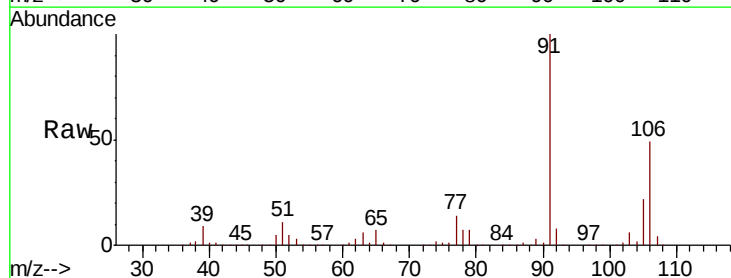
Instrument :
MSVOA_W
ClientSampled :

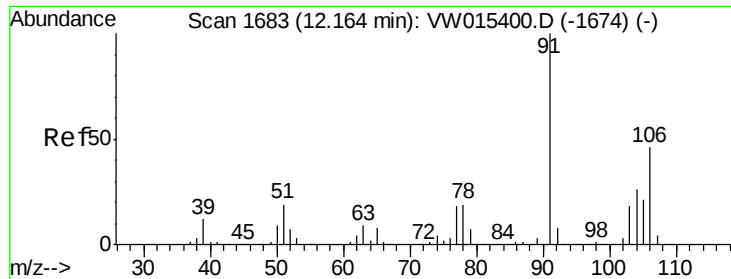
Tot Ion: 91 Resp: 608547
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#68
m/p-Xylenes
Concen: 99.932 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 106 Resp: 457617
Ion Ratio Lower Upper
106 100
91 204.4 165.7 248.5

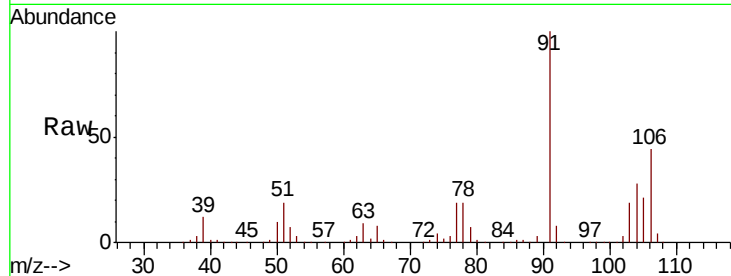




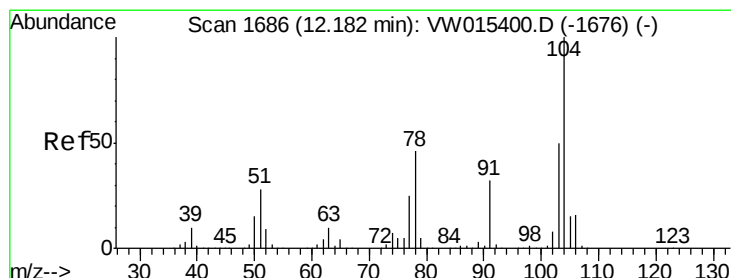
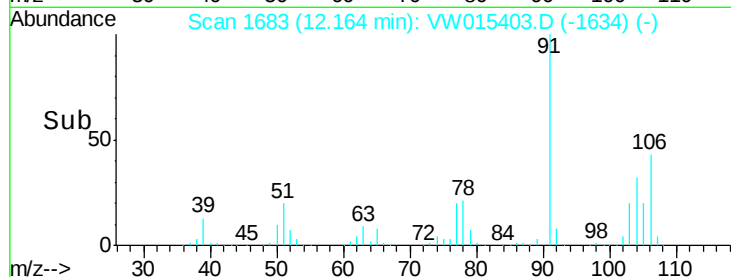
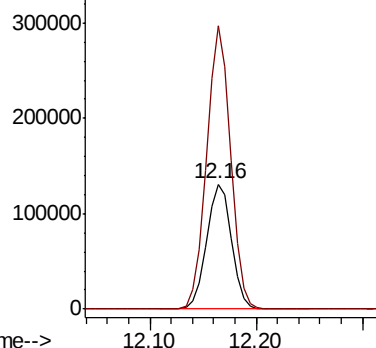
#69
o-Xylene
Concen: 49.737 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 214028
Ion Ratio Lower Upper
106 100
91 219.0 109.0 327.0

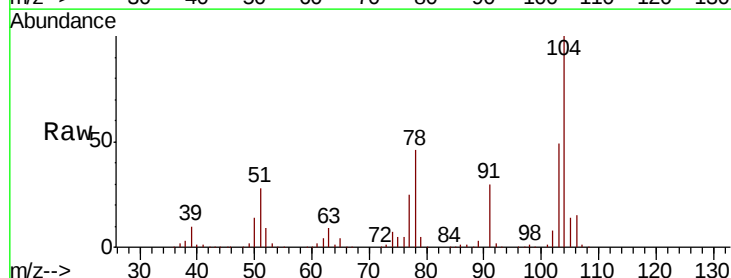


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

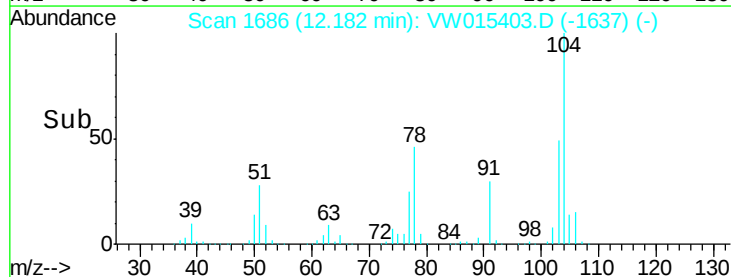
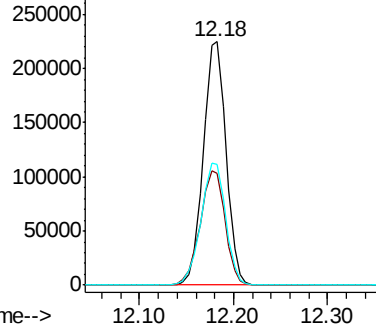


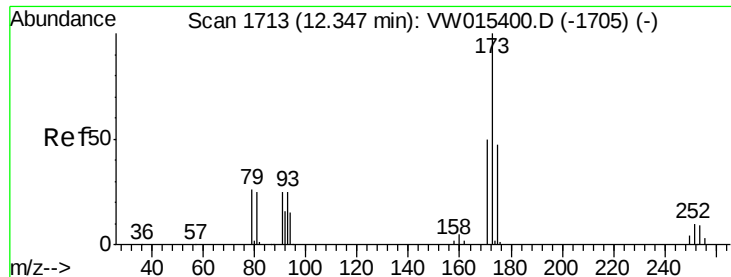
#70
Styrene
Concen: 50.756 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:104 Resp: 376165
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 54.4 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.084 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

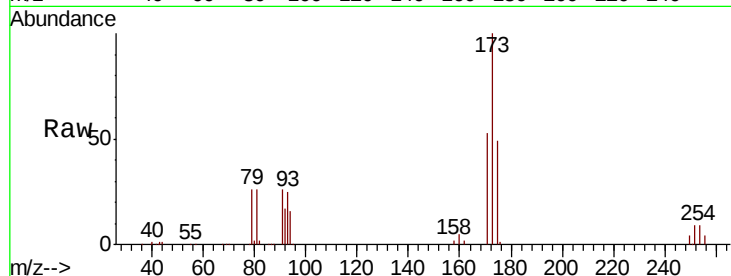
Tot Ion:173 Resp: 59063

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.4

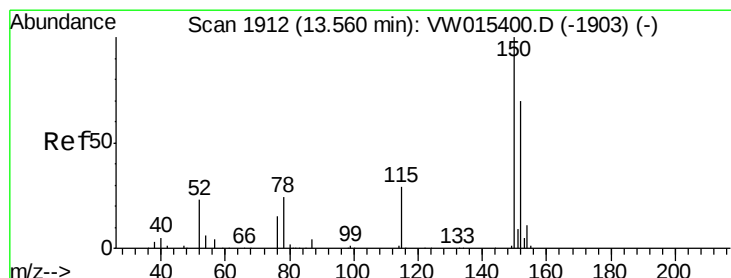
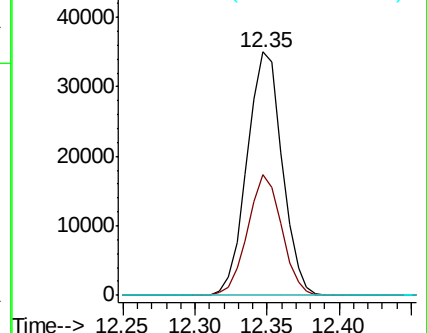
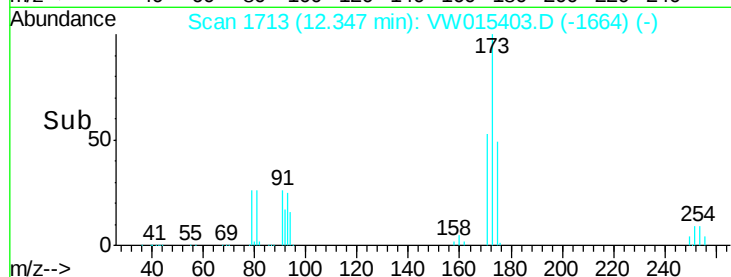
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

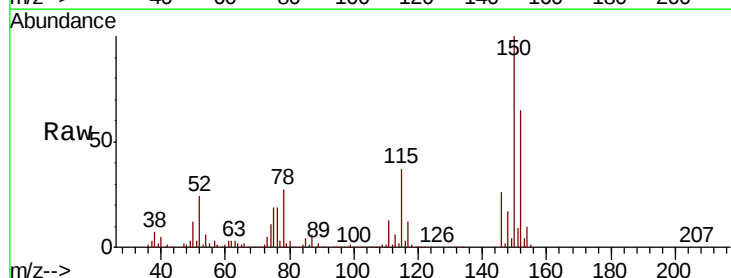
Tgt Ion:152 Resp: 162427

Ion Ratio Lower Upper

152 100

115 60.7 30.3 90.8

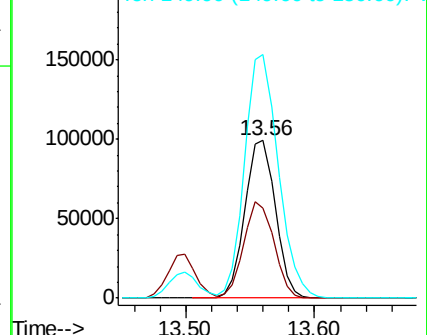
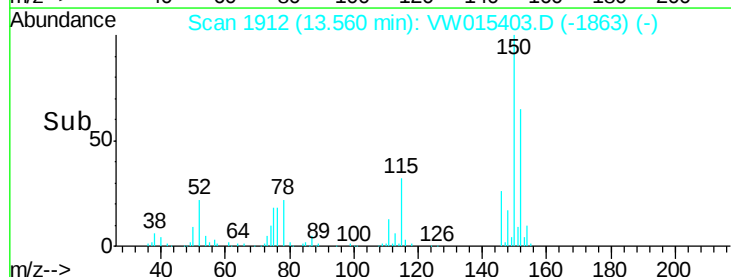
150 170.6 0.0 344.4

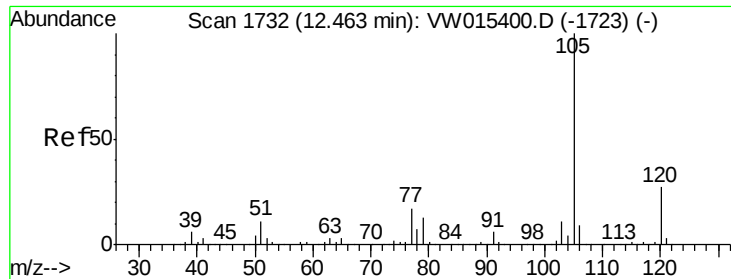


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.115 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

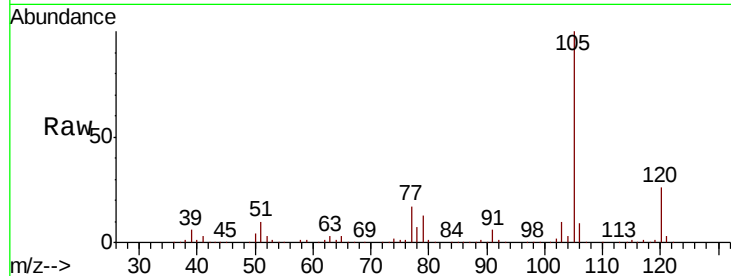
ClientSampled :

Tot Ion:105 Resp: 595589

Ion Ratio Lower Upper

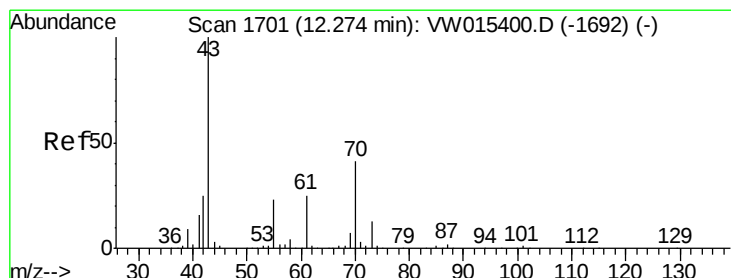
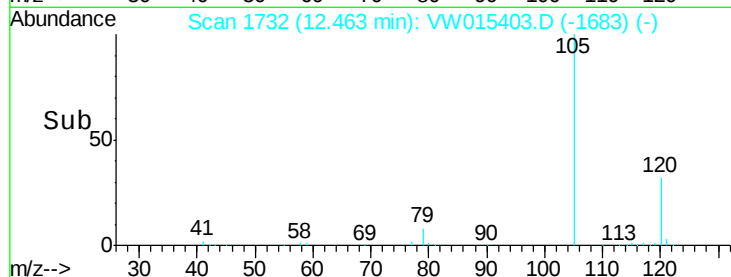
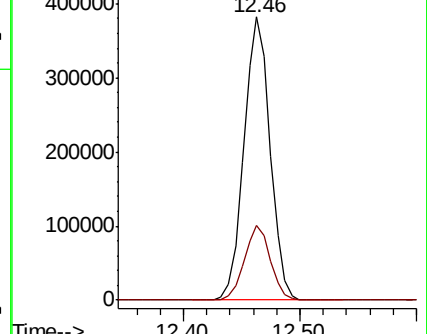
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.636 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion: 43 Resp: 145143

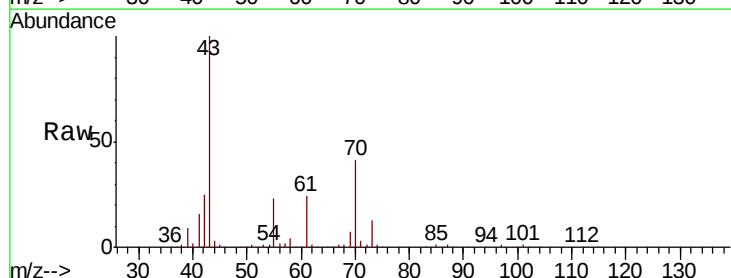
Ion Ratio Lower Upper

43 100

70 41.4 33.4 50.0

55 23.2 18.9 28.3

61 24.0 19.4 29.0

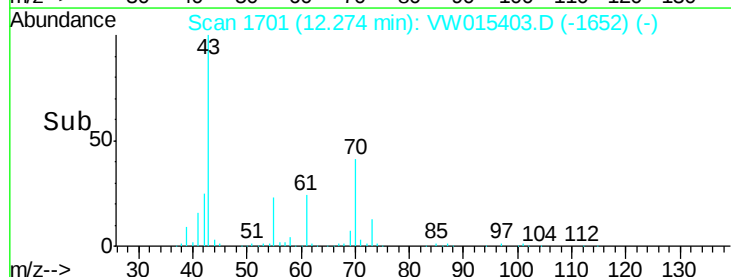
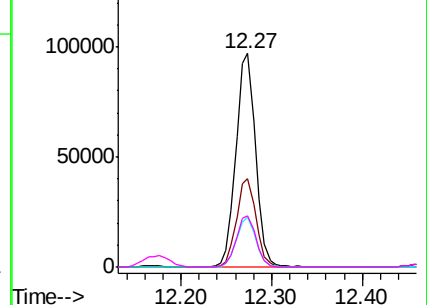


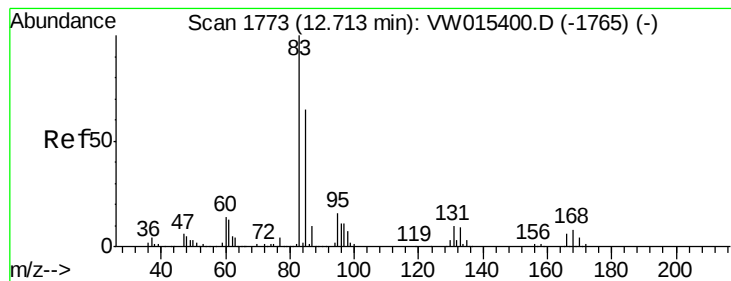
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 51.002 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

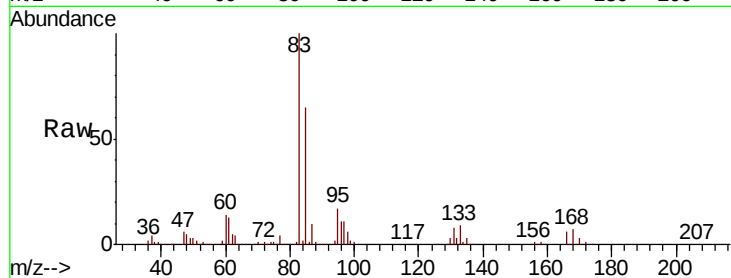
Tot Ion: 83 Resp: 96750

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

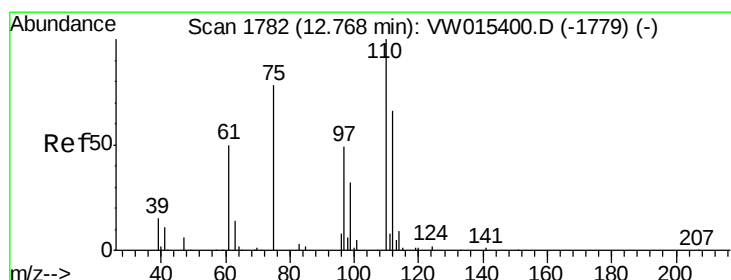
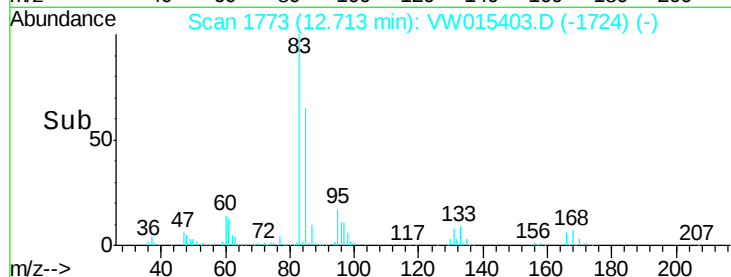
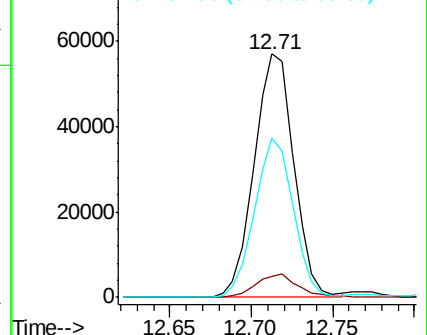
85 63.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.475 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015403.D

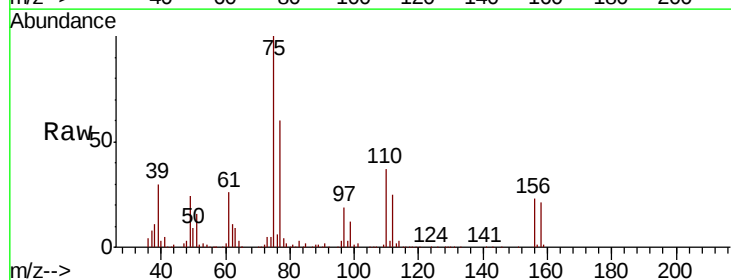
Acq: 05 May 2020 19:49

Tgt Ion: 75 Resp: 132918

Ion Ratio Lower Upper

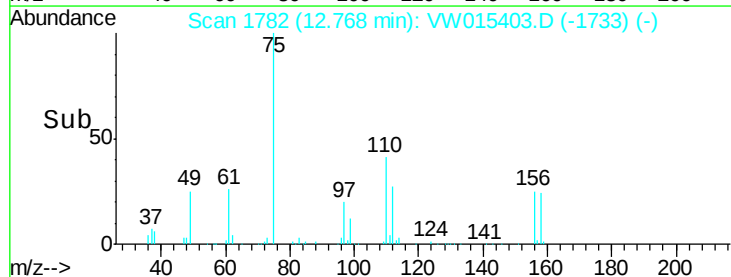
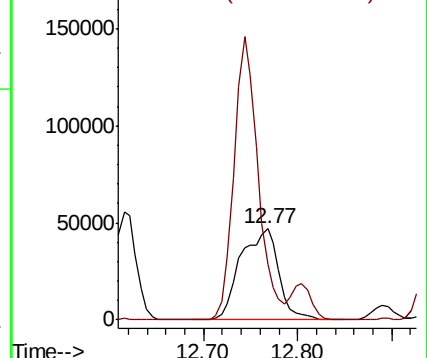
75 100

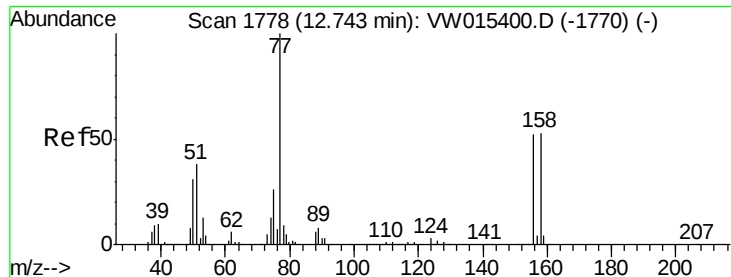
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.229 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

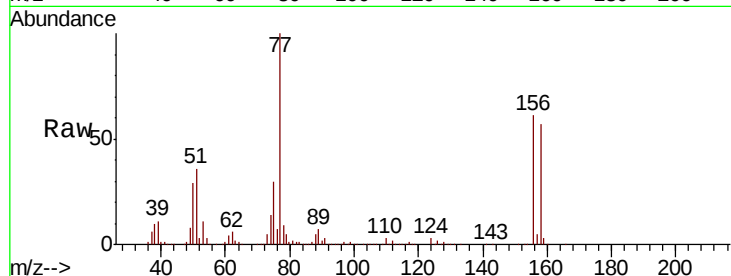
Tot Ion:156 Resp: 129079

Ion Ratio Lower Upper

156 100

77 201.9 101.8 305.6

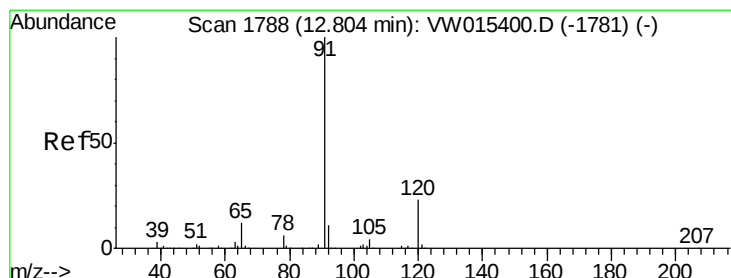
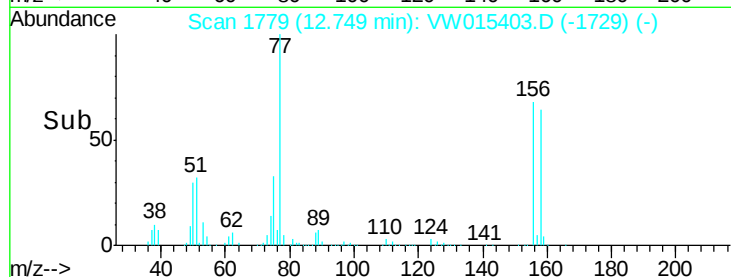
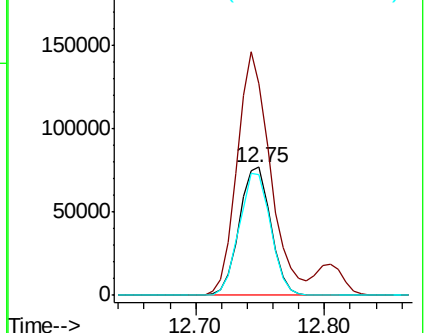
158 95.8 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.953 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015403.D

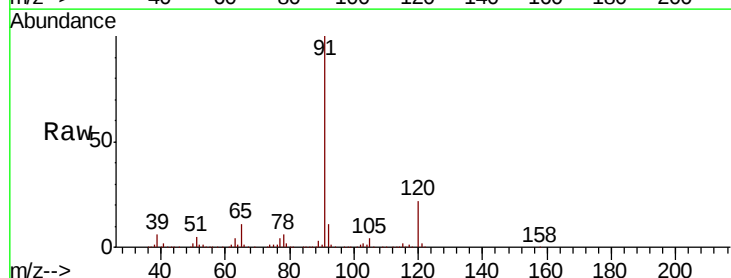
Acq: 05 May 2020 19:49

Tgt Ion: 91 Resp: 712202

Ion Ratio Lower Upper

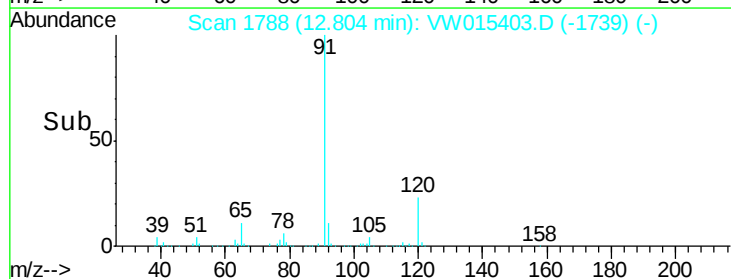
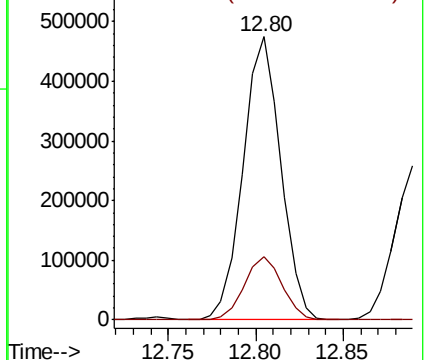
91 100

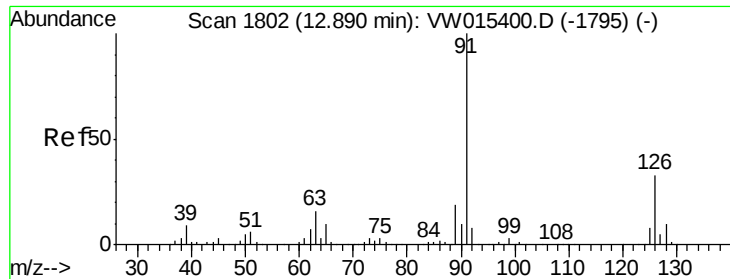
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

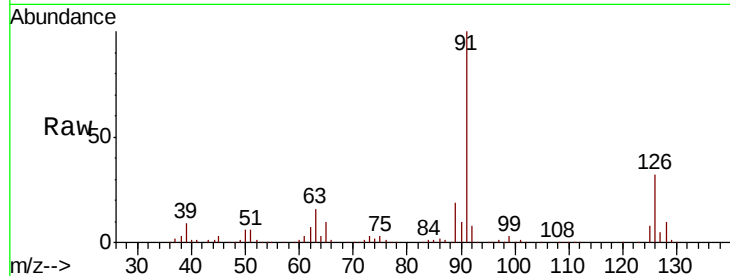




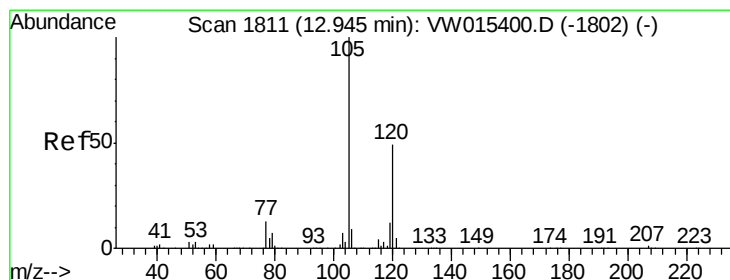
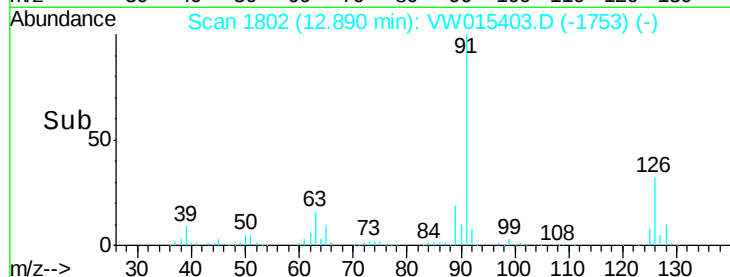
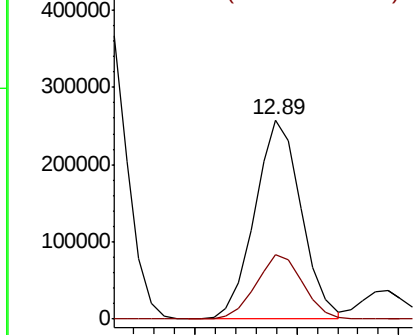
#79
2-Chlorotoluene
Concen: 49.737 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 407899
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2

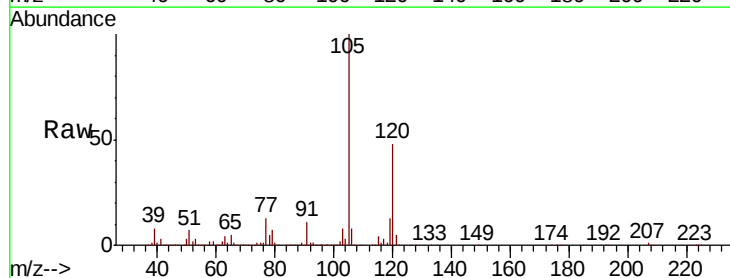


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

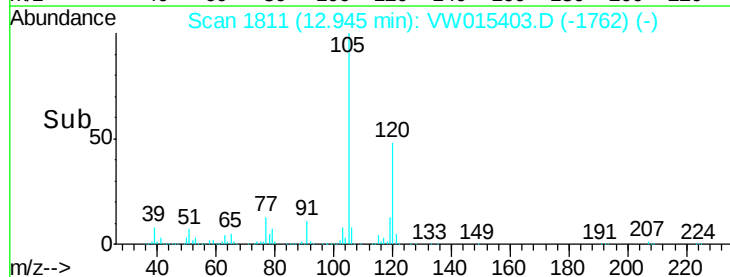
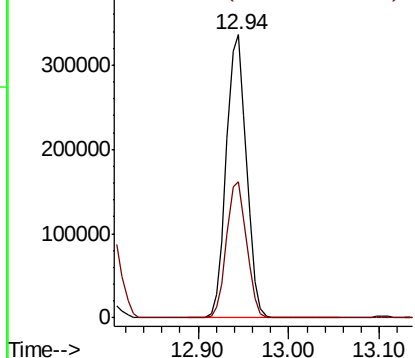


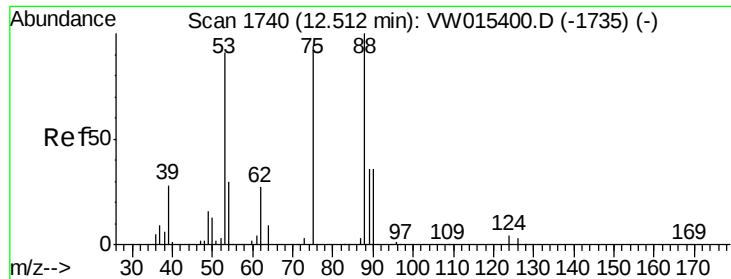
#80
1,3,5-Trimethylbenzene
Concen: 50.632 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:105 Resp: 517170
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 51.982 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

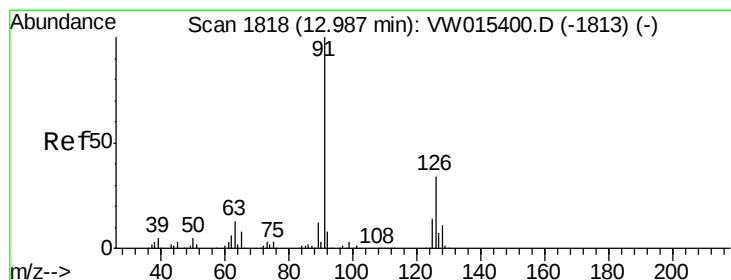
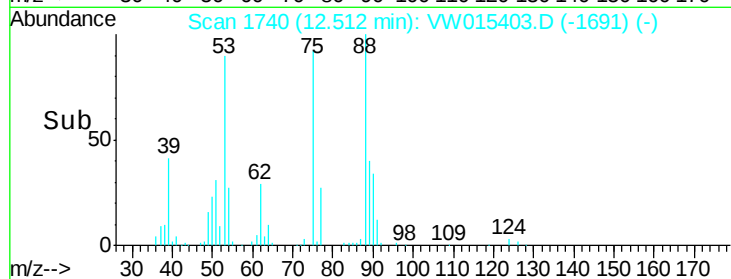
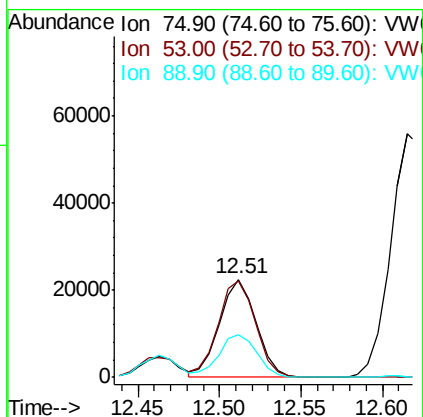
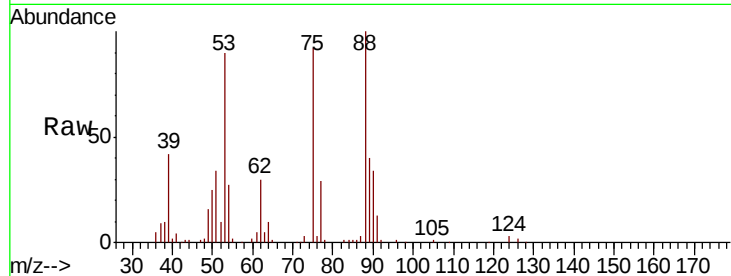
Tot Ion: 75 Resp: 35115

Ion Ratio Lower Upper

75 100

53 101.2 82.5 123.7

89 45.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 49.810 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015403.D

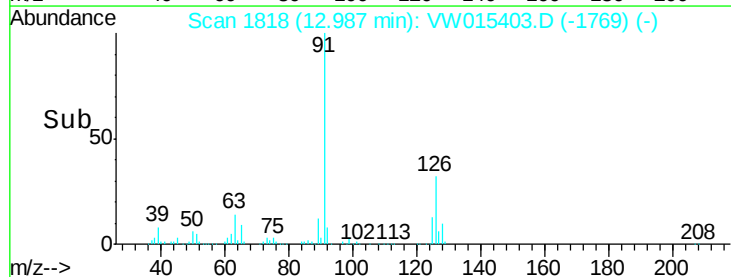
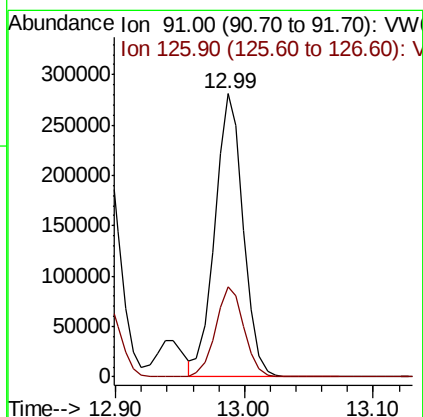
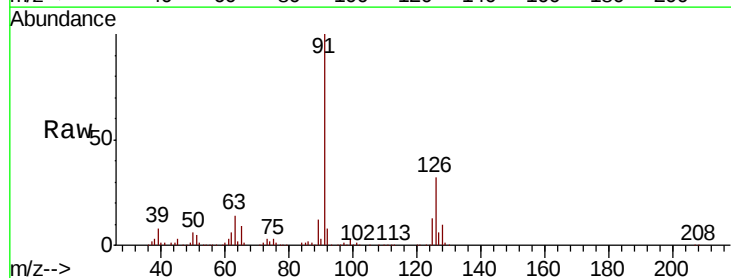
Acq: 05 May 2020 19:49

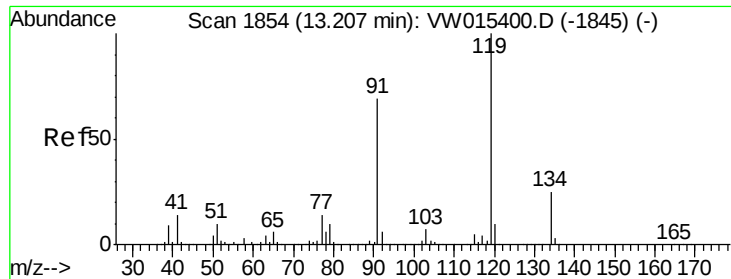
Tgt Ion: 91 Resp: 432912

Ion Ratio Lower Upper

91 100

126 32.0 16.0 47.9

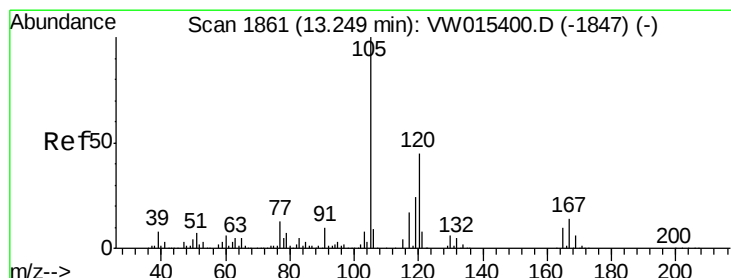
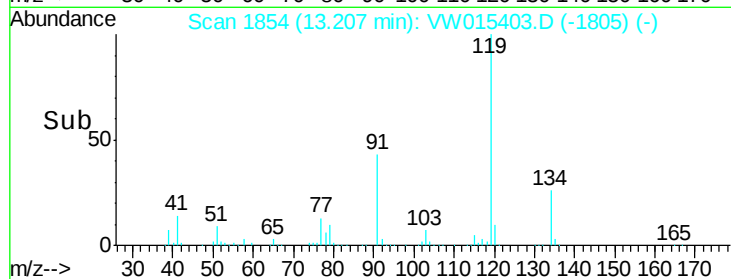
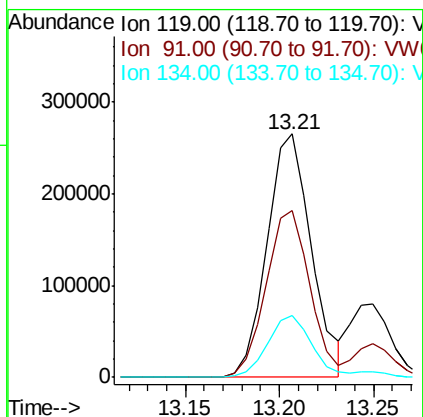
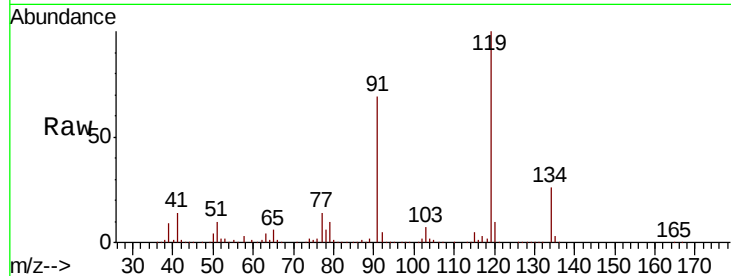




#83
tert-Butylbenzene
Concen: 49.825 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

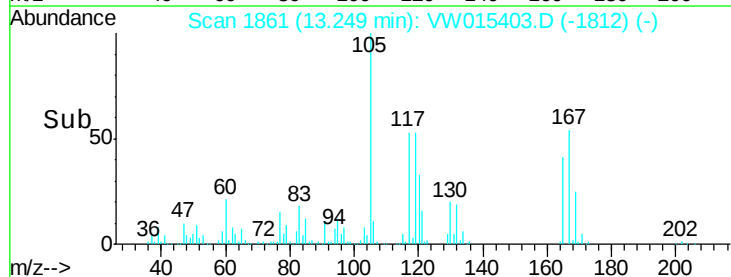
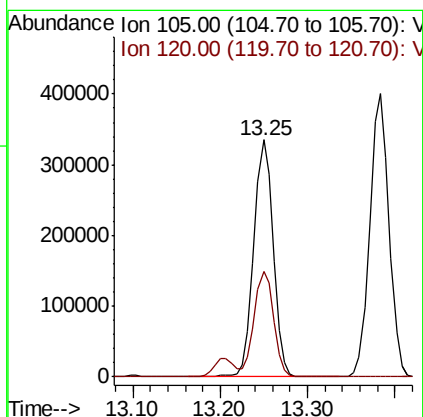
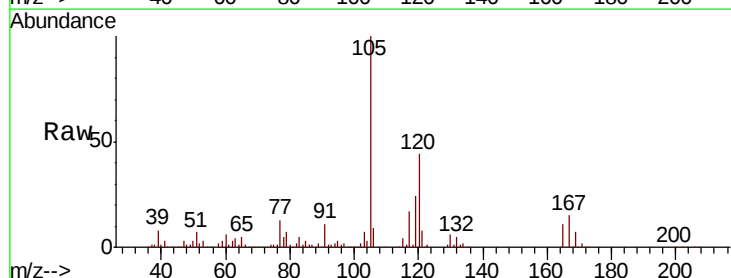
Instrument :
MSVOA_W
ClientSampled :

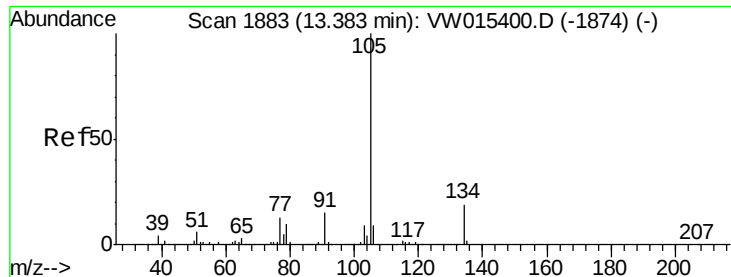
Tot Ion:119 Resp: 434252
Ion Ratio Lower Upper
119 100
91 67.6 33.8 101.4
134 25.1 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 50.437 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:105 Resp: 515377
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 49.923 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

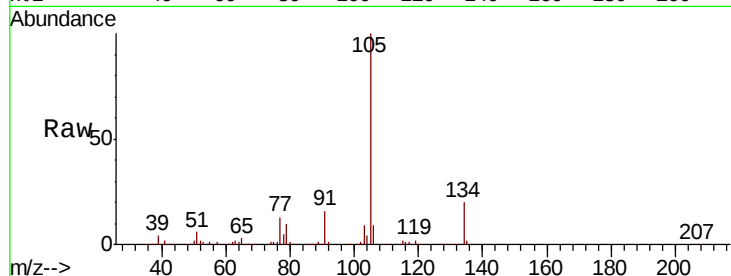
ClientSampleId :

Tot Ion:105 Resp: 613054

Ion Ratio Lower Upper

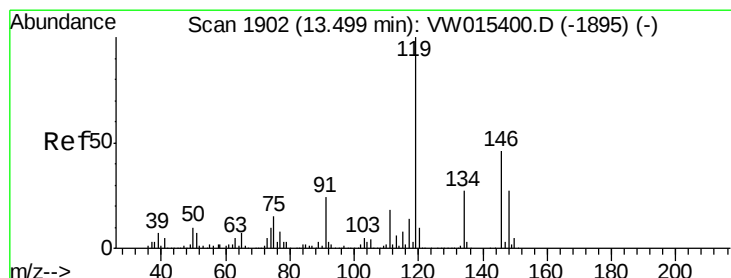
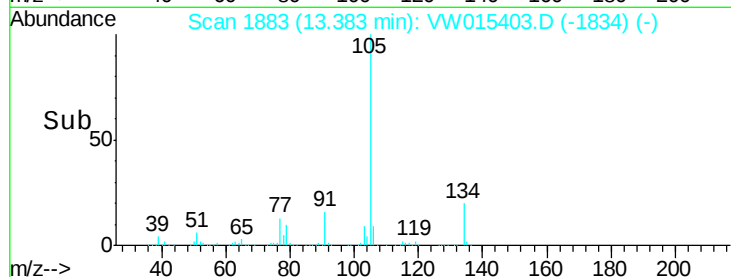
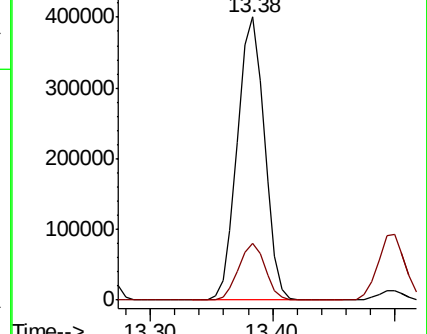
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.651 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

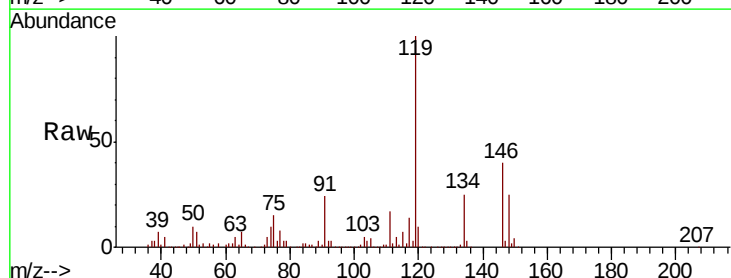
Tgt Ion:119 Resp: 567290

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

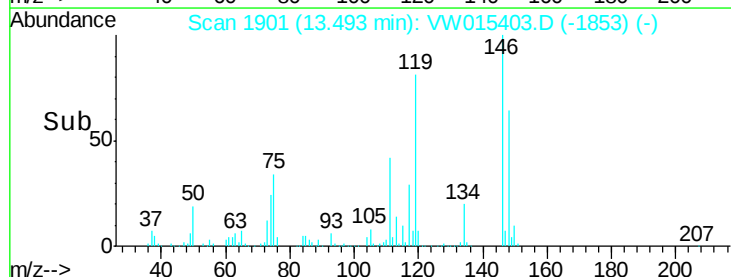
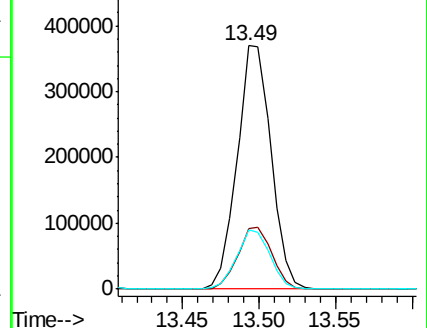
91 24.1 12.1 36.3

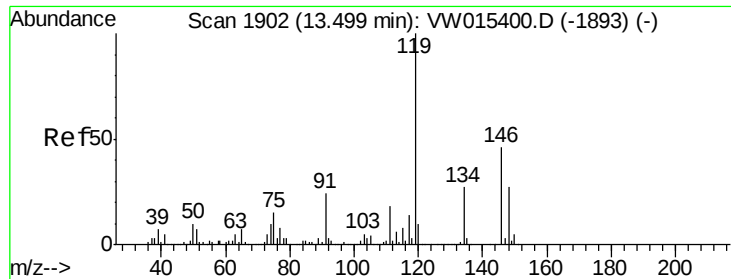


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

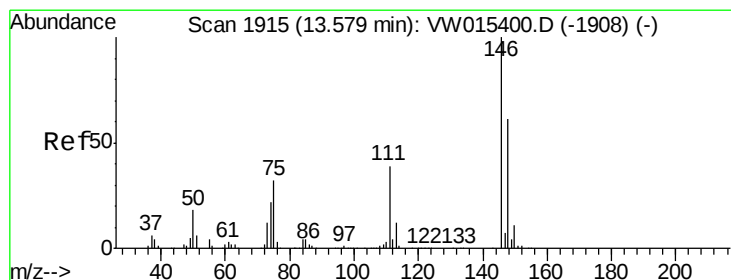
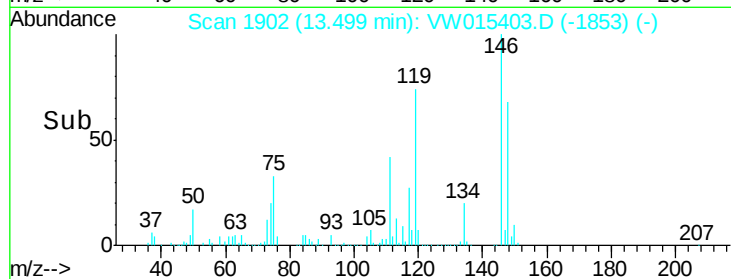
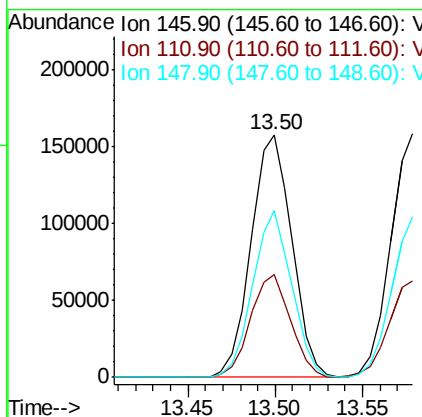
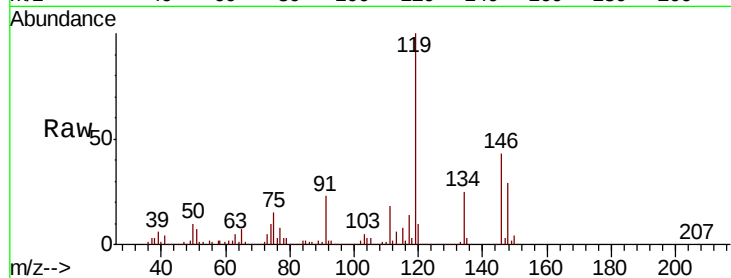




#87
 1,3-Dichlorobenzene
 Concen: 49.723 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

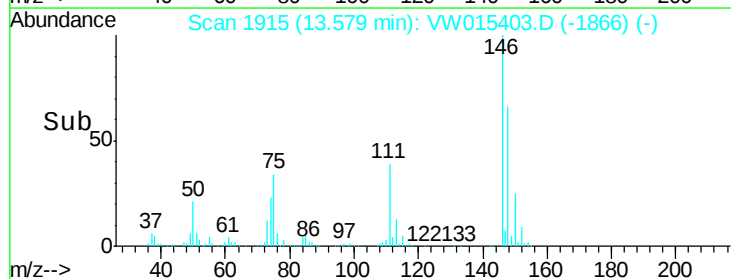
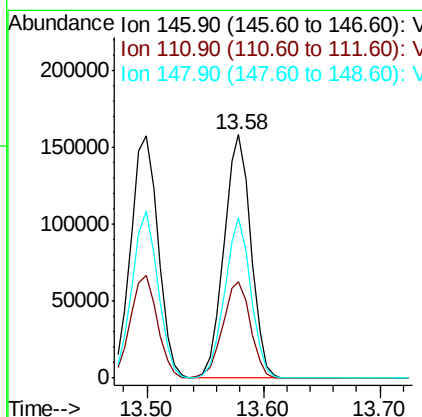
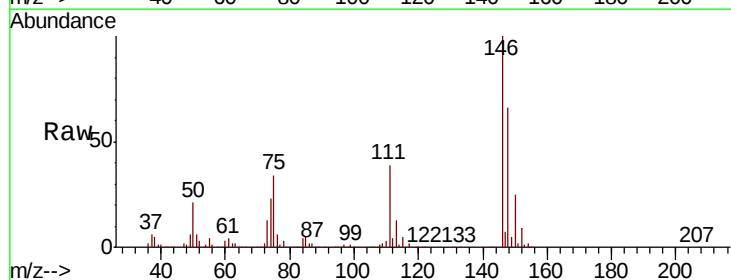
Instrument :
 MSVOA_W
 ClientSampleId :

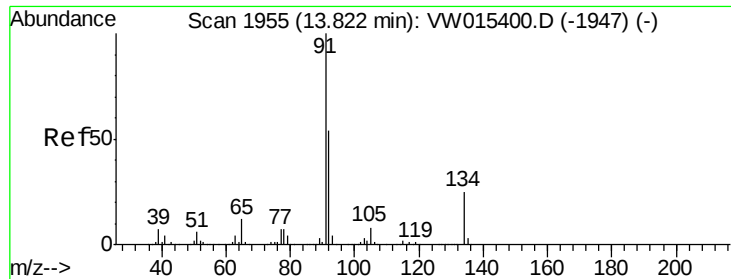
Tot Ion:146 Resp: 254527
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 65.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 49.776 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion:146 Resp: 252341
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 64.2 31.4 94.3





#89

n-Butylbenzene

Concen: 50.182 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

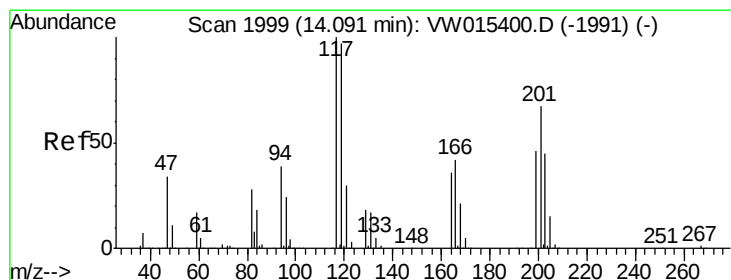
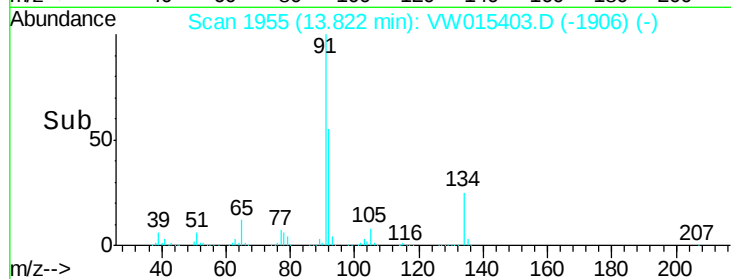
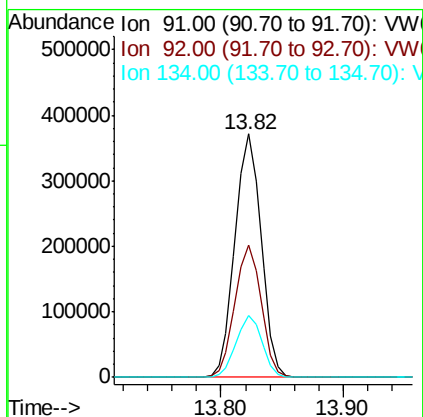
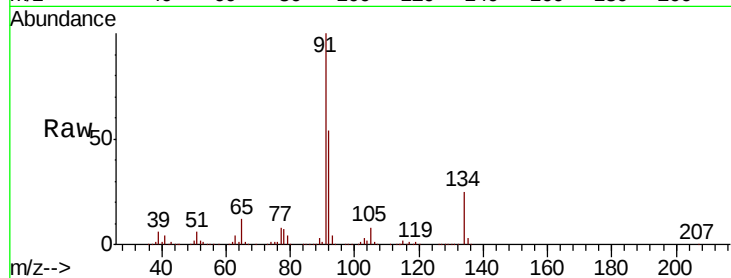
Tot Ion: 91 Resp: 550213

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

134 25.3 12.6 37.6



#90

Hexachloroethane

Concen: 50.513 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015403.D

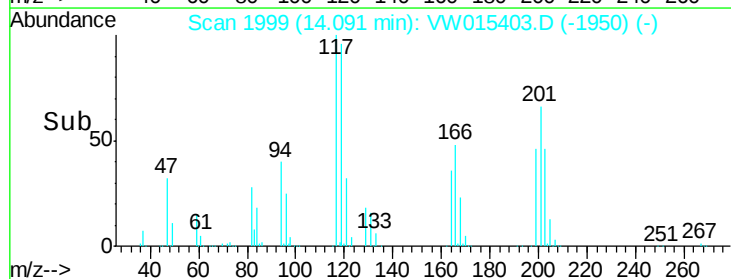
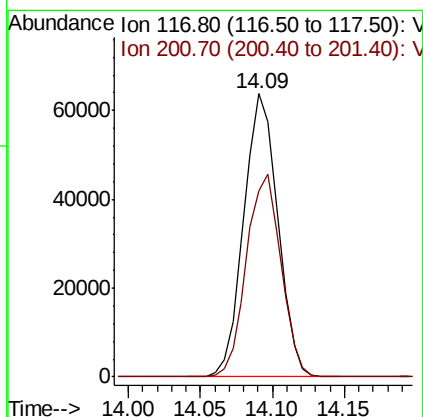
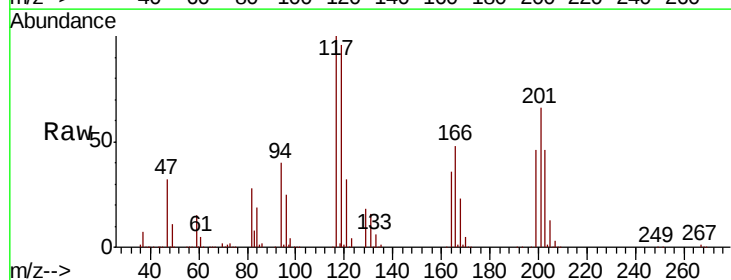
Acq: 05 May 2020 19:49

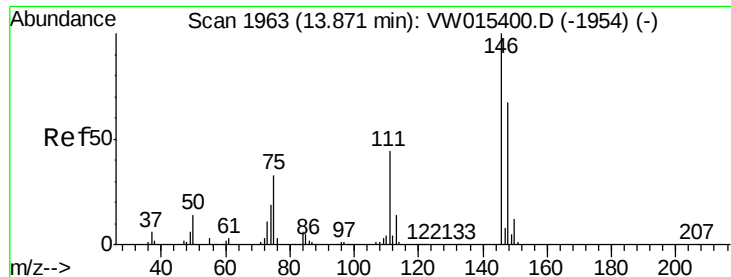
Tgt Ion: 117 Resp: 104254

Ion Ratio Lower Upper

117 100

201 72.8 35.9 107.8





#91

1,2-Dichlorobenzene

Concen: 51.021 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

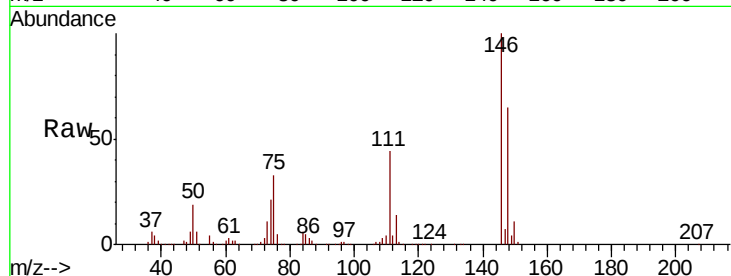
Tot Ion:146 Resp: 226135

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.3

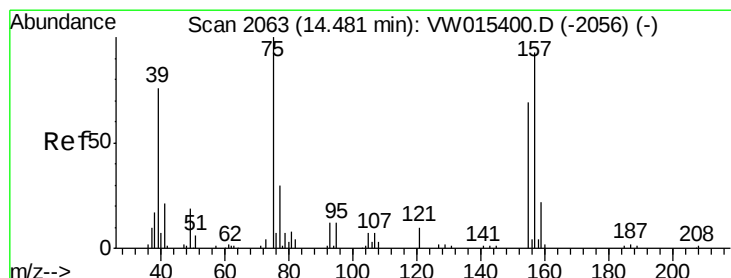
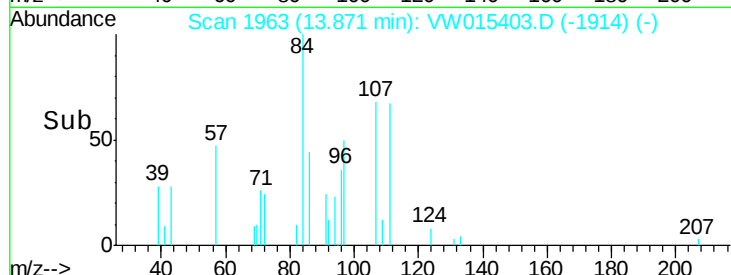
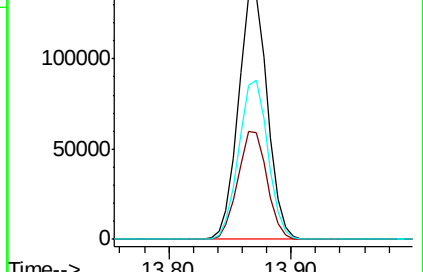
148 64.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.919 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

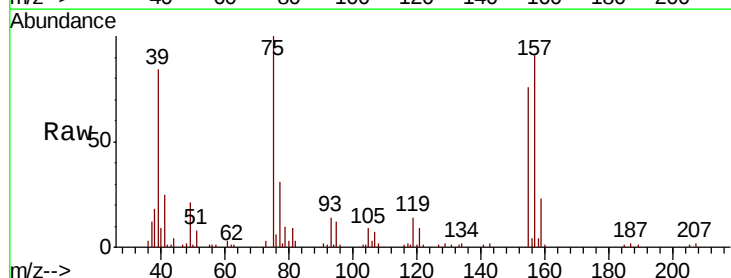
Tgt Ion: 75 Resp: 16863

Ion Ratio Lower Upper

75 100

155 77.6 38.7 116.1

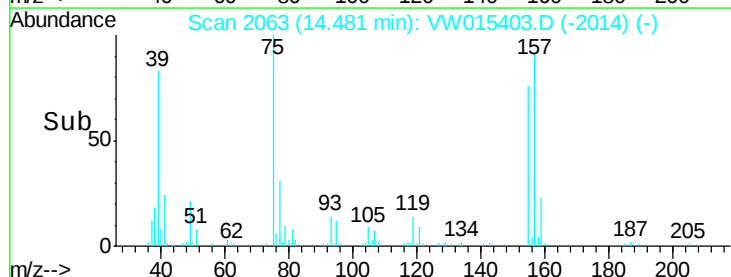
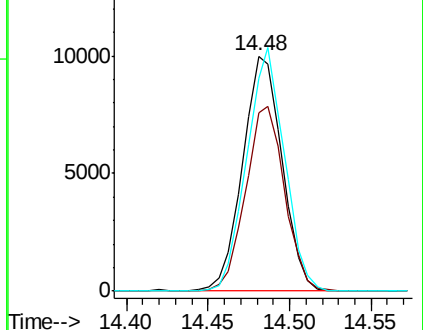
157 98.5 48.1 144.4

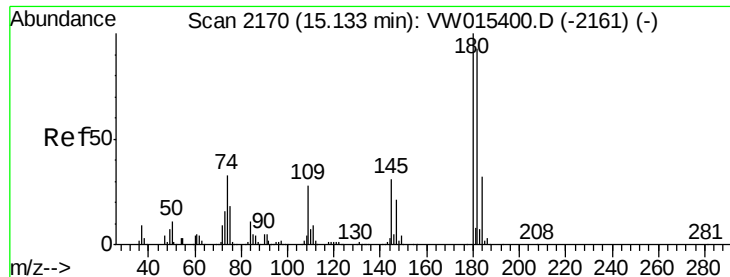


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

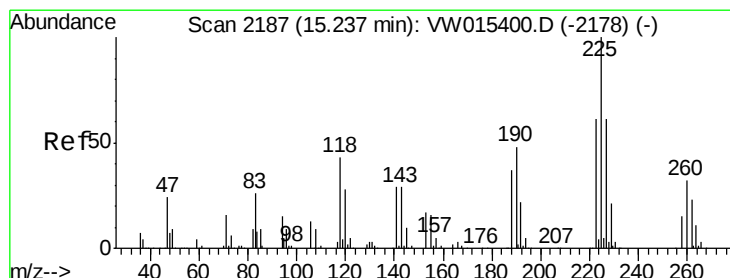
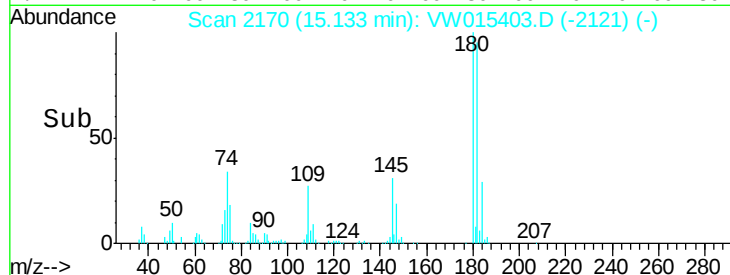
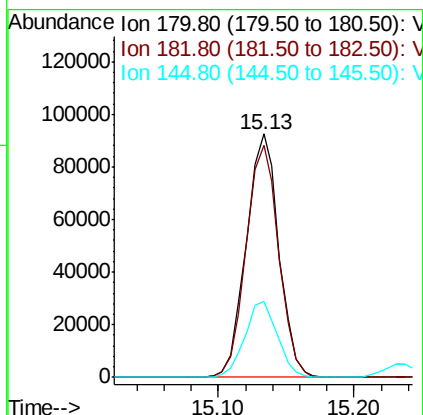
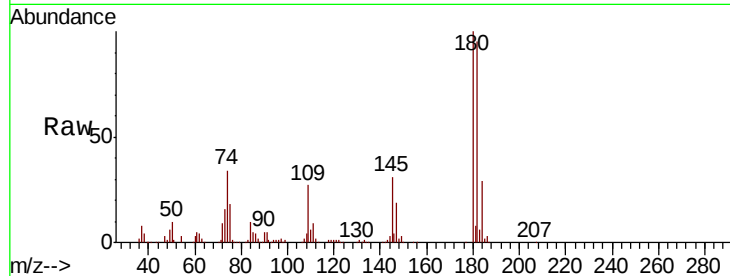




#93
 1,2,4-Trichlorobenzene
 Concen: 52.074 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

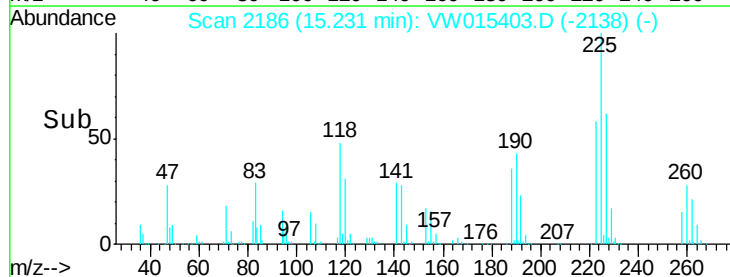
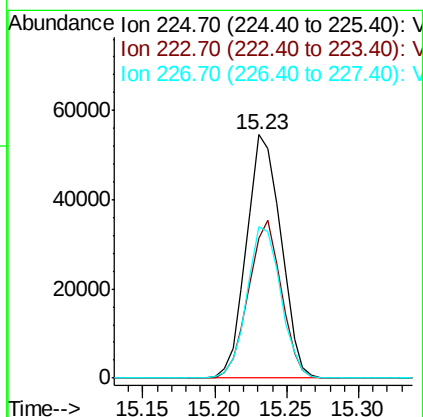
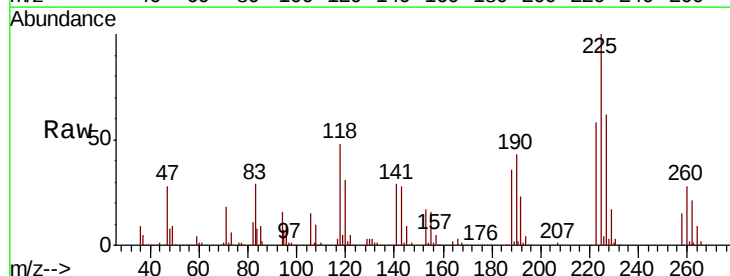
Instrument :
 MSVOA_W
 ClientSampleId :

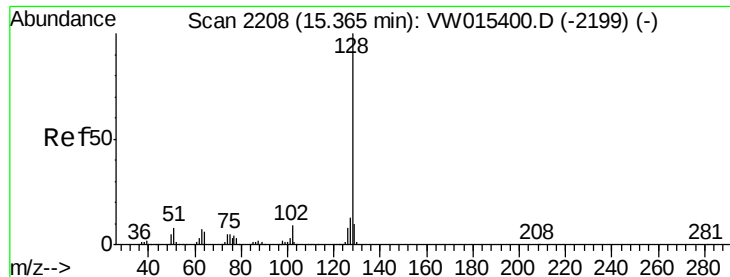
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	31.1	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 51.195 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.7	92.1
227	61.1	32.0	96.0

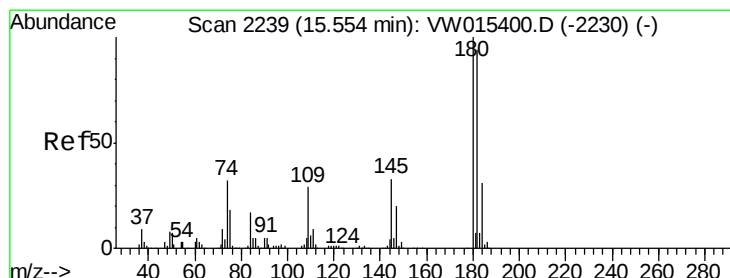
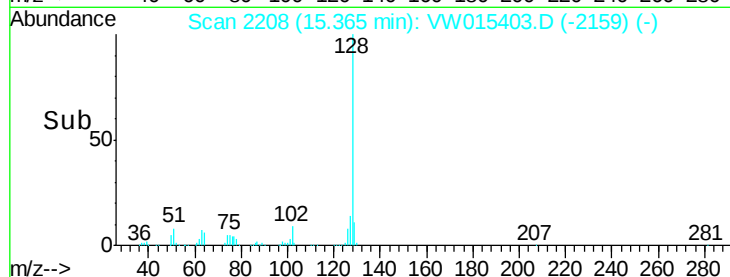
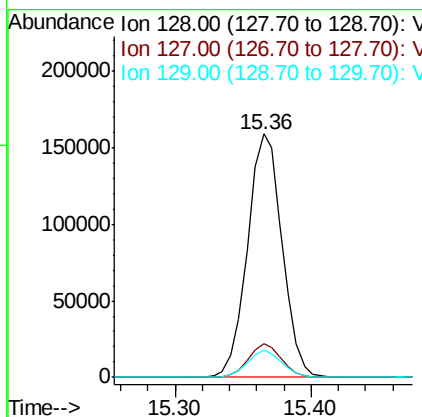
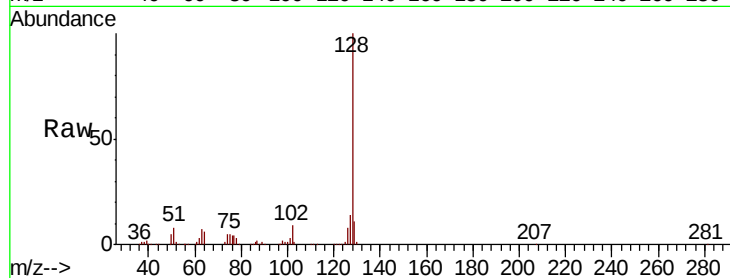




#95
Naphthalene
Concen: 53.108 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 283377
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.567 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:180 Resp: 129426
Ion Ratio Lower Upper
180 100
182 99.0 47.6 142.8
145 34.0 16.3 48.8

