

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015412.D
 Acq On : 06 May 2020 15:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:13:30 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	228218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128335	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	7.88	113	110919	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.32	98	461357	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.62	95	173281	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71715	54.352	ug/l	99
3) Chloromethane	2.21	50	81460	49.315	ug/l	100
4) Vinyl Chloride	2.37	62	123428	49.340	ug/l	97
5) Bromomethane	2.78	94	84715	43.226	ug/l	95
6) Chloroethane	2.92	64	80312	46.588	ug/l	99
7) Trichlorofluoromethane	3.26	101	89947	49.020	ug/l	98
8) Diethyl Ether	3.68	74	56740	49.485	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105882	49.779	ug/l	99
10) Methyl Iodide	4.27	142	159167	49.452	ug/l	99
11) Tert butyl alcohol	5.17	59	44717	309.107	ug/l	99
12) 1,1-Dichloroethene	4.03	96	108427	49.155	ug/l	96
13) Acrolein	3.89	56	44333	239.977	ug/l	98
14) Allyl chloride	4.67	41	189077	48.922	ug/l	100
15) Acrylonitrile	5.36	53	126512	271.100	ug/l	100
16) Acetone	4.12	43	118032	302.860	ug/l	98
17) Carbon Disulfide	4.38	76	337372	49.881	ug/l	99
18) Methyl Acetate	4.67	43	54418	52.598	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	179737	50.714	ug/l	98
20) Methylene Chloride	4.91	84	113647	44.694	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	123462	49.307	ug/l	97
22) Diisopropyl ether	6.31	45	372877	49.372	ug/l	99
23) Vinyl Acetate	6.25	43	1180652	257.167	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221062	48.825	ug/l	99
25) 2-Butanone	7.17	43	169876	279.651	ug/l	99
26) 2,2-Dichloropropane	7.16	77	145834	48.597	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	134886	49.610	ug/l	98
28) Bromochloromethane	7.51	49	93017	51.094	ug/l	100
29) Tetrahydrofuran	7.53	42	110143	275.513	ug/l	99
30) Chloroform	7.68	83	219908	48.884	ug/l	98
31) Cyclohexane	7.95	56	211652	46.040	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	188094	49.748	ug/l	100
36) 1,1-Dichloropropene	8.08	75	182894	49.745	ug/l	99
37) Ethyl Acetate	7.25	43	79472	55.707	ug/l	98
38) Carbon Tetrachloride	8.07	117	173226	50.398	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	231732	49.792	ug/l	96
40) Benzene	8.32	78	493206	49.186	ug/l	99
41) Methacrylonitrile	7.48	41	45849	50.866	ug/l	99
42) 1,2-Dichloroethane	8.40	62	154197	50.487	ug/l	100
43) Isopropyl Acetate	8.42	43	159478	53.154	ug/l	99
44) Trichloroethene	9.09	130	130031	50.032	ug/l	99
45) 1,2-Dichloropropane	9.37	63	122133	49.305	ug/l	99
46) Dibromomethane	9.46	93	63522	51.559	ug/l	97
47) Bromodichloromethane	9.65	83	170337	50.730	ug/l	99
48) Methyl methacrylate	9.43	41	74214	53.550	ug/l	96
49) 1,4-Dioxane	9.45	88	19620	1265.424	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	393198	279.642	ug/l	100
52) Toluene	10.38	92	319674	49.058	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176116	51.387	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	203765	50.494	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88023	50.524	ug/l	99
56) Ethyl methacrylate	10.65	69	127470	53.251	ug/l	99
57) 1,3-Dichloropropane	10.93	76	160663	51.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	310133	266.308	ug/l	99
59) 2-Hexanone	10.97	43	269643	283.419	ug/l	100
60) Dibromochloromethane	11.13	129	107816	51.455	ug/l	100
61) 1,2-Dibromoethane	11.23	107	85892	52.068	ug/l	100
64) Tetrachloroethene	10.86	164	104426	50.812	ug/l	94
65) Chlorobenzene	11.66	112	331619	50.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	118443	50.392	ug/l	99
67) Ethyl Benzene	11.73	91	635022	50.045	ug/l	100
68) m/p-Xylenes	11.84	106	473749	100.420	ug/l	99
69) o-Xylene	12.16	106	225325	50.827	ug/l	99
70) Styrene	12.18	104	388649	50.902	ug/l	99
71) Bromoform	12.35	173	62578	54.593	ug/l #	99
73) Isopropylbenzene	12.46	105	635987	50.686	ug/l	99
74) N-amyl acetate	12.27	43	157262	53.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105509	53.752	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	143049	103.462	ug/l #	100
77) Bromobenzene	12.75	156	135007	50.772	ug/l	98
78) n-propylbenzene	12.80	91	757328	50.307	ug/l	100
79) 2-Chlorotoluene	12.89	91	424640	50.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	539938	51.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38080	54.478	ug/l	99
82) 4-Chlorotoluene	12.99	91	455201	50.616	ug/l	99
83) tert-Butylbenzene	13.21	119	458769	50.871	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	539542	51.029	ug/l	99
85) sec-Butylbenzene	13.38	105	652576	51.357	ug/l	100
86) p-Isopropyltoluene	13.50	119	597126	51.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	267920	50.582	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	270770	51.617	ug/l	99
89) n-Butylbenzene	13.82	91	577071	50.864	ug/l	100
90) Hexachloroethane	14.09	117	108875	50.981	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	235626	51.377	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18727	54.649	ug/l	98

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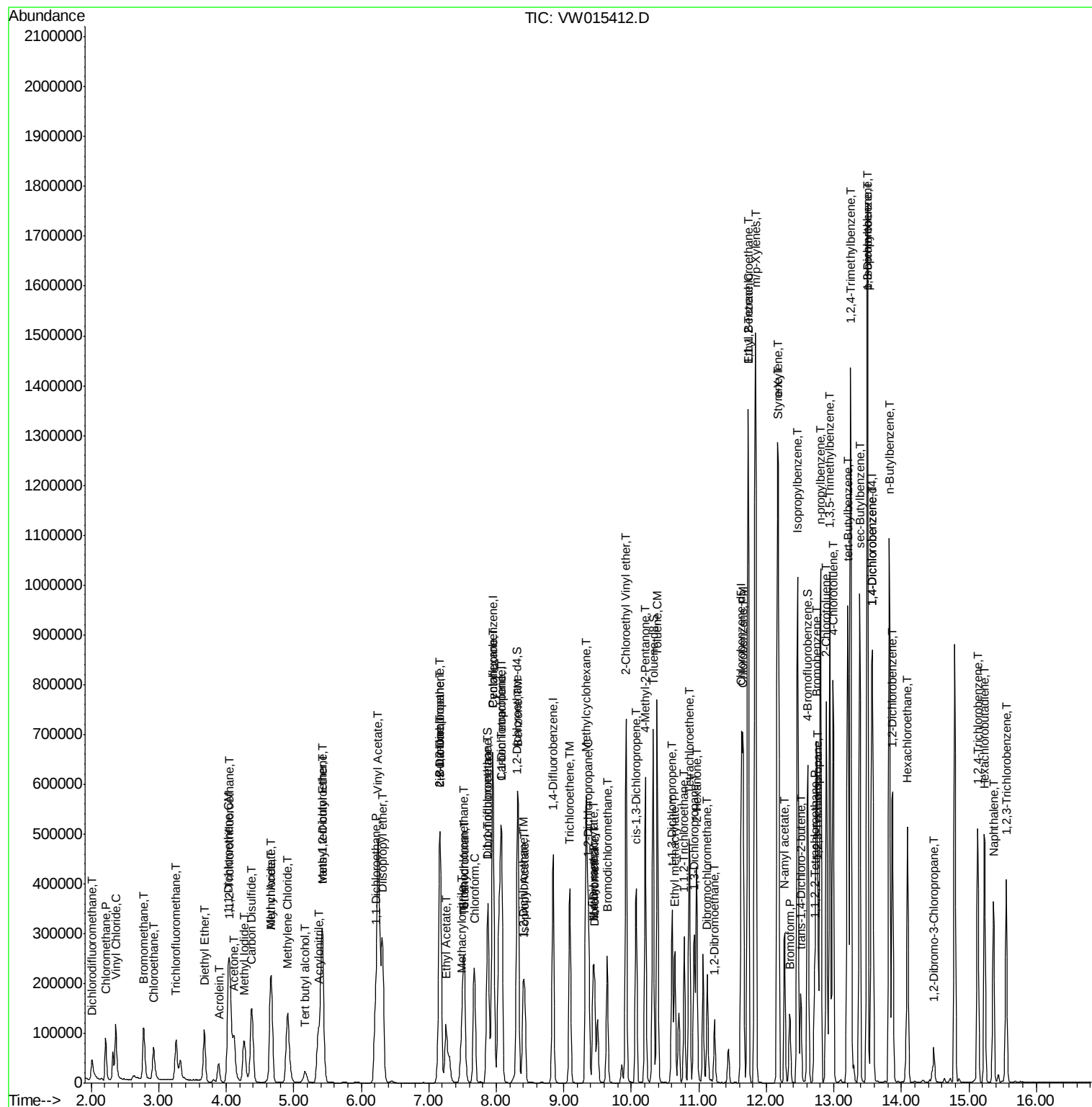
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	159589	51.775	ug/l	98
94) Hexachlorobutadiene	15.23	225	93155	51.000	ug/l	98
95) Naphthalene	15.36	128	298250	54.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135428	51.135	ug/l	98

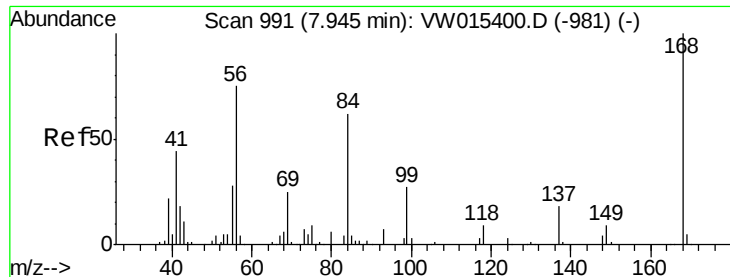
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

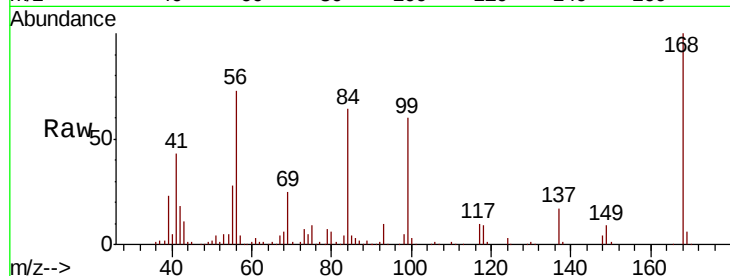
ClientSampled :

Tot Ion:168 Resp: 228218

Ion Ratio Lower Upper

168 100

99 60.2 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

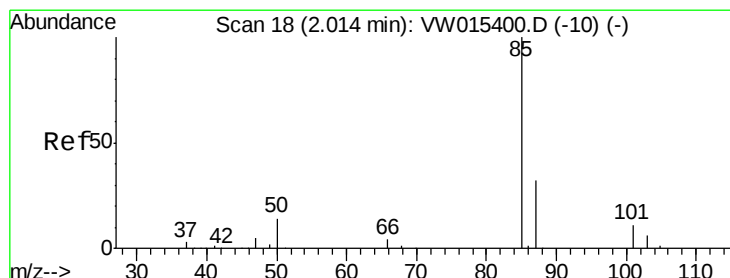
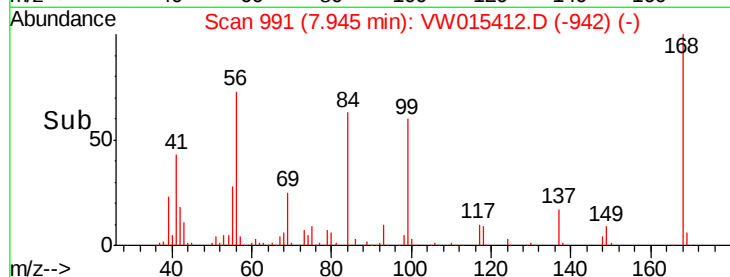
0

7.80

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 54.352 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015412.D

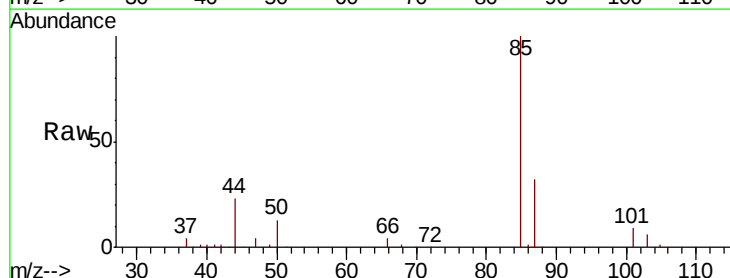
Acq: 06 May 2020 15:44

Tgt Ion: 85 Resp: 71715

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

1.90

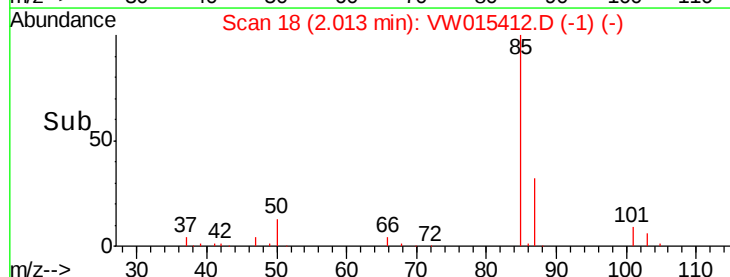
2.00

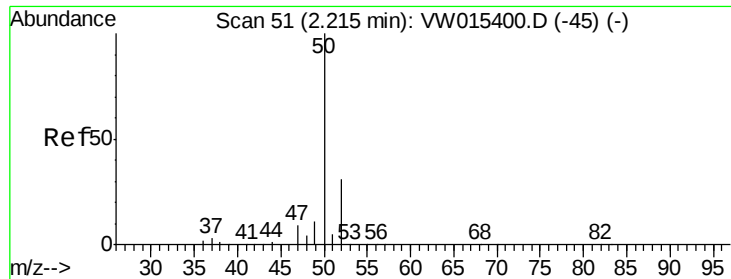
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 49.315 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

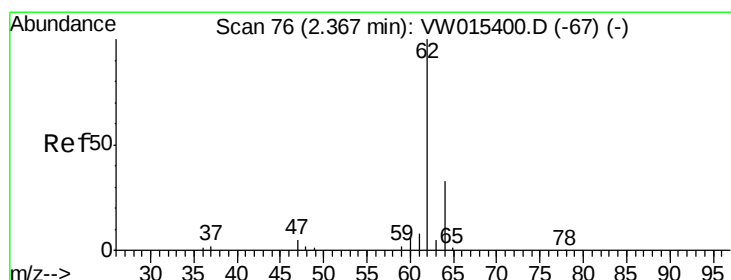
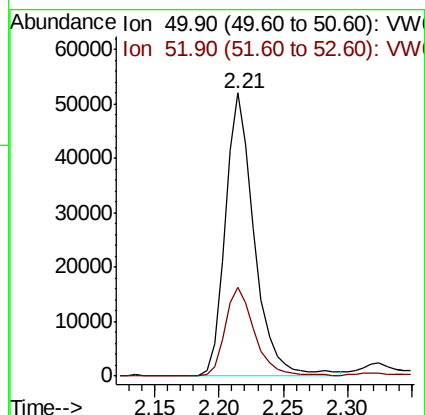
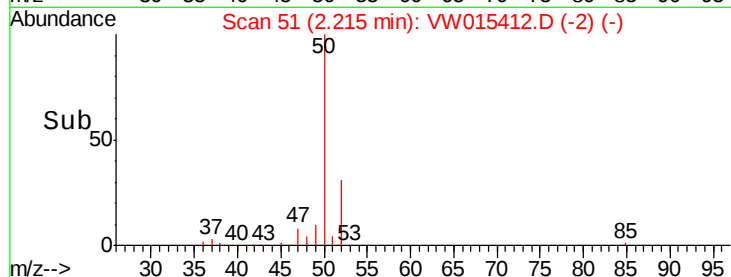
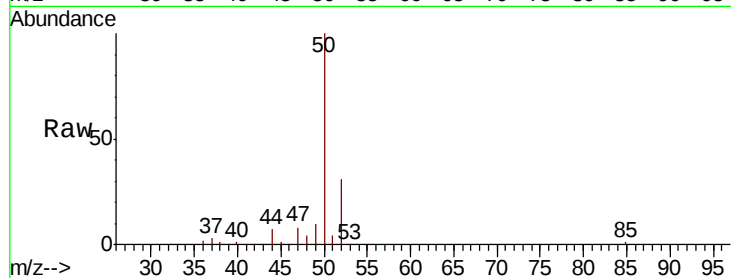
ClientSampled :

Tot Ion: 50 Resp: 81460

Ion Ratio Lower Upper

50 100

52 31.5 25.0 37.6



#4

Vinyl Chloride

Concen: 49.340 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015412.D

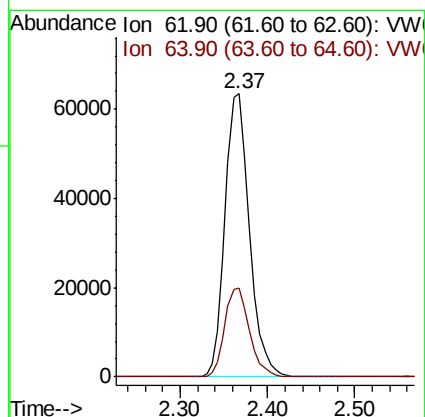
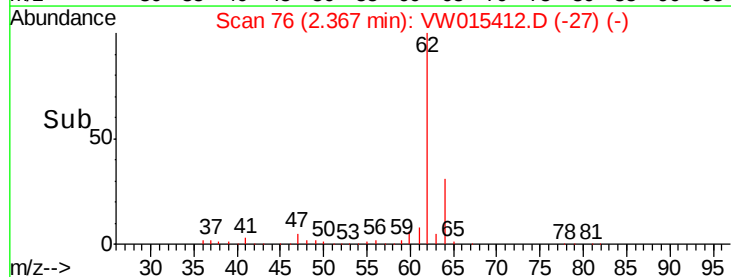
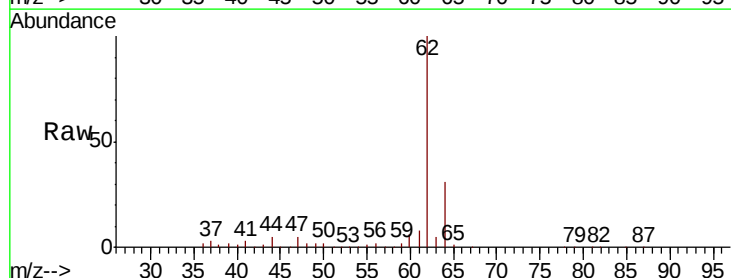
Acq: 06 May 2020 15:44

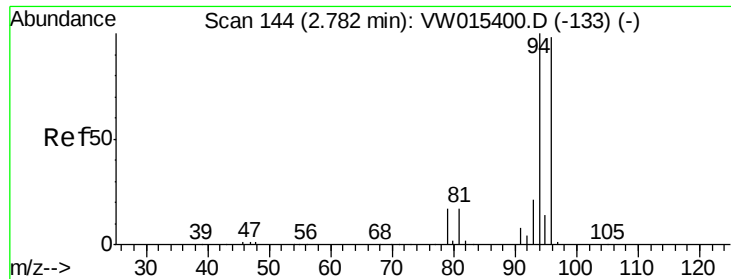
Tgt Ion: 62 Resp: 123428

Ion Ratio Lower Upper

62 100

64 31.4 26.4 39.6





#5

Bromomethane

Concen: 43.226 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

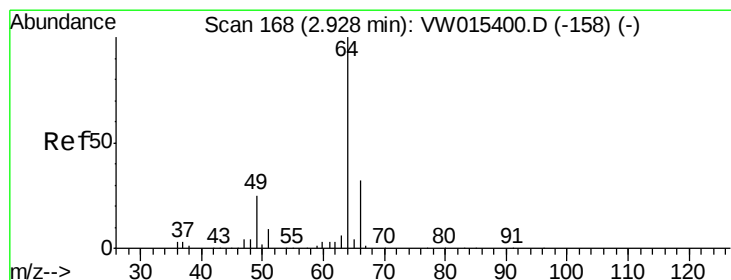
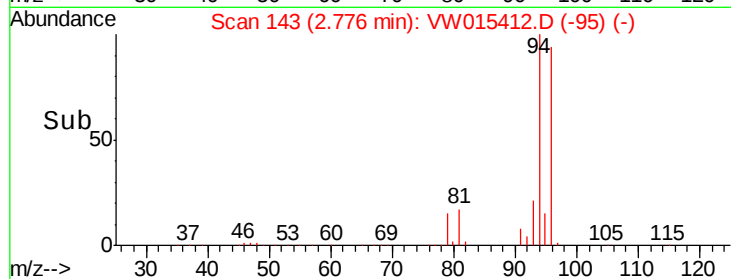
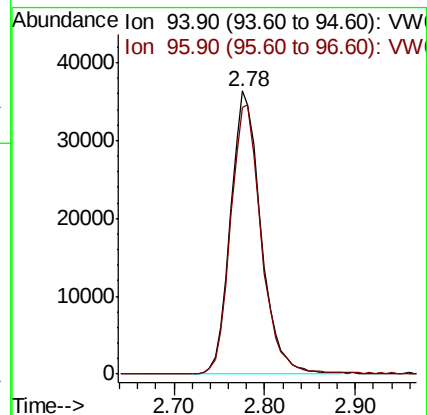
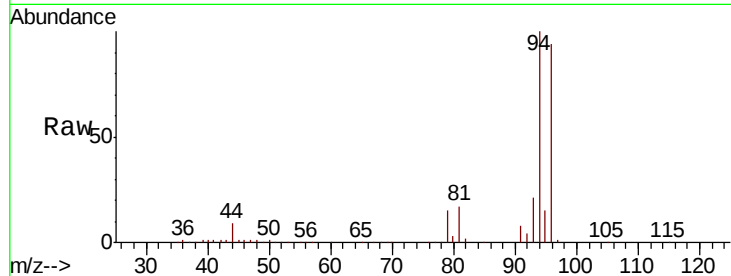
ClientSampled :

Tot Ion: 94 Resp: 84715

Ion Ratio Lower Upper

94 100

96 93.9 78.8 118.2



#6

Chloroethane

Concen: 46.588 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015412.D

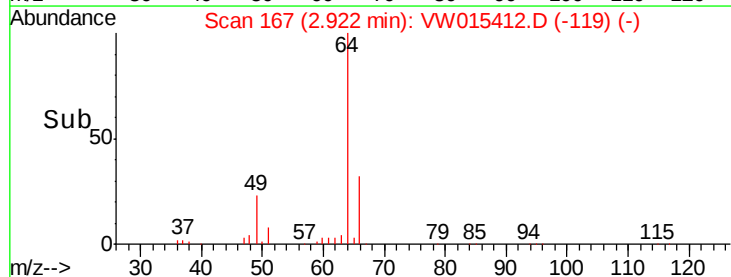
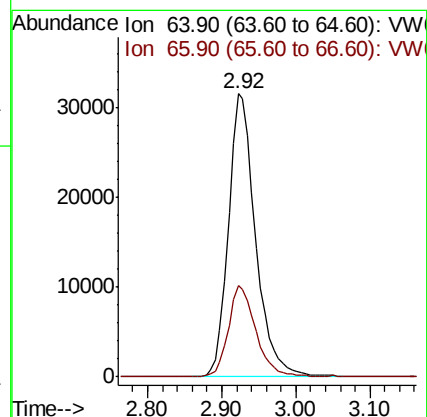
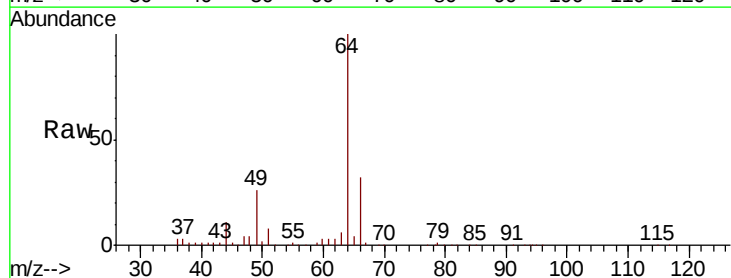
Acq: 06 May 2020 15:44

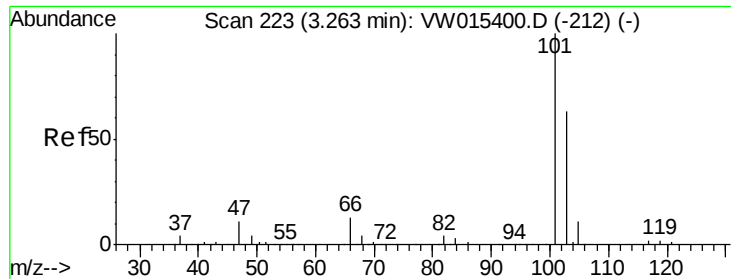
Tgt Ion: 64 Resp: 80312

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



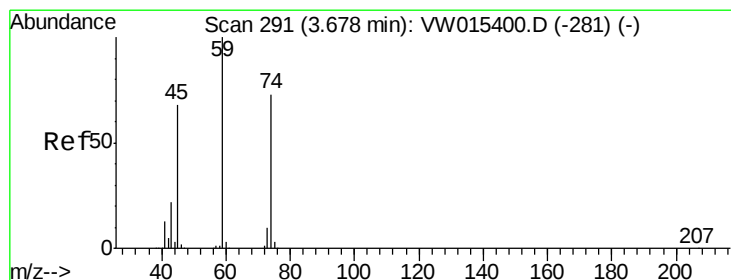
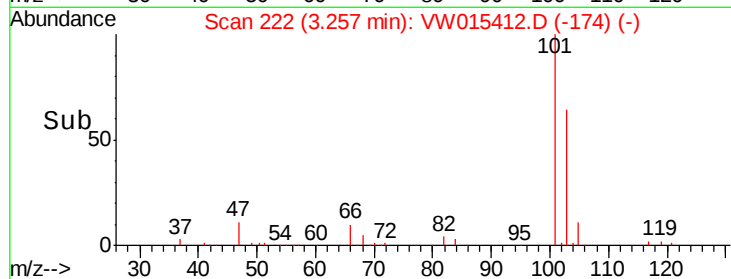
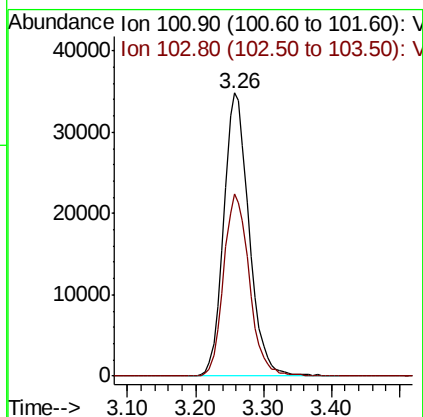
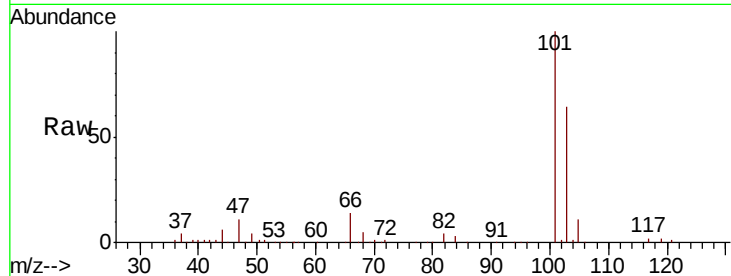


#7

Trichlorofluoromethane
 Concen: 49.020 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

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 ClientSampleId :

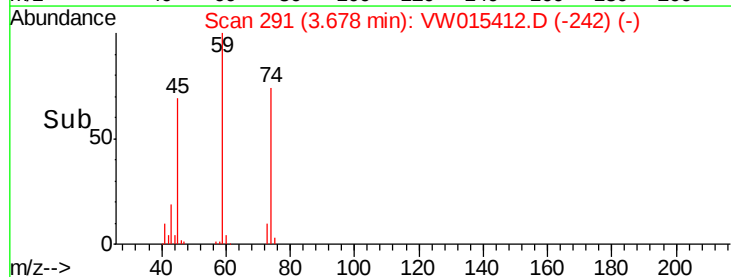
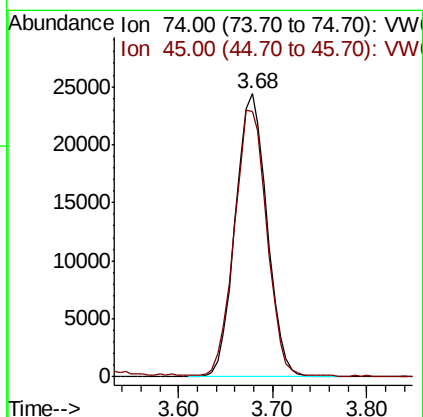
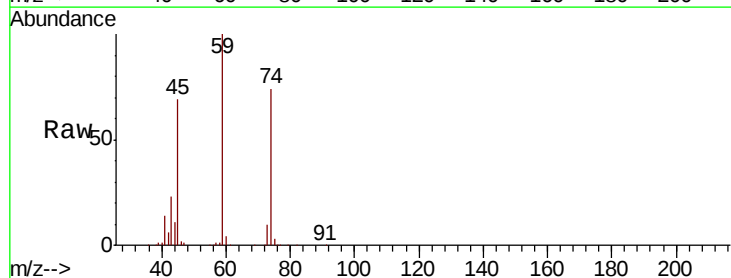
Tot Ion:101 Resp: 89947
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.2 75.4

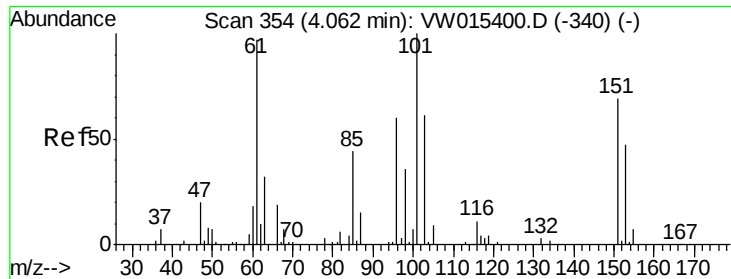


#8

Diethyl Ether
 Concen: 49.485 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 74 Resp: 56740
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.779 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

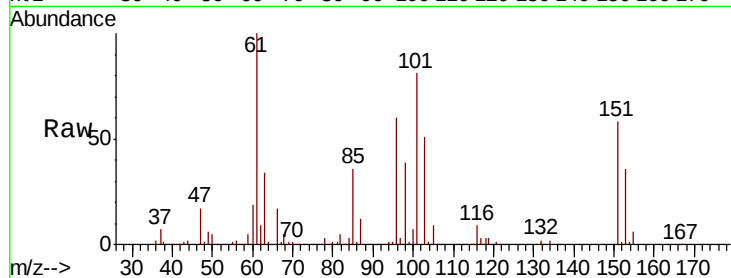
Tot Ion:101 Resp: 105882

Ion Ratio Lower Upper

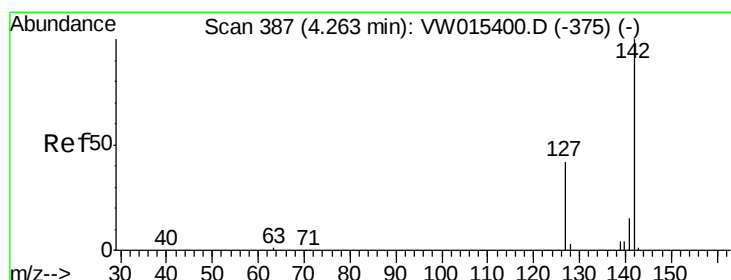
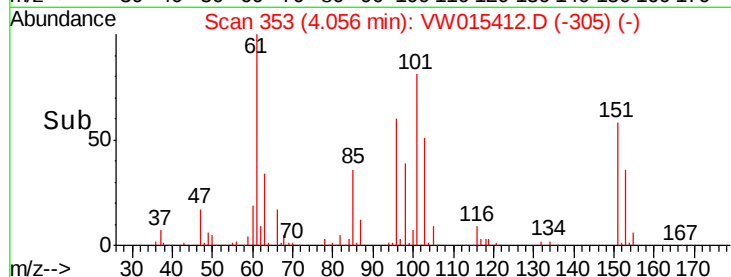
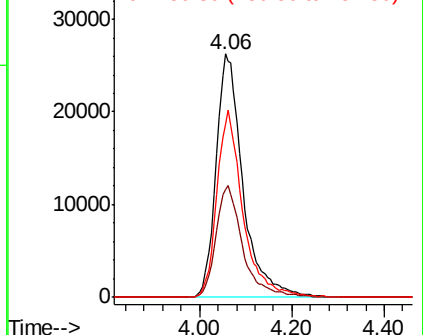
101 100

85 45.5 37.3 55.9

151 74.6 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VW
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.452 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

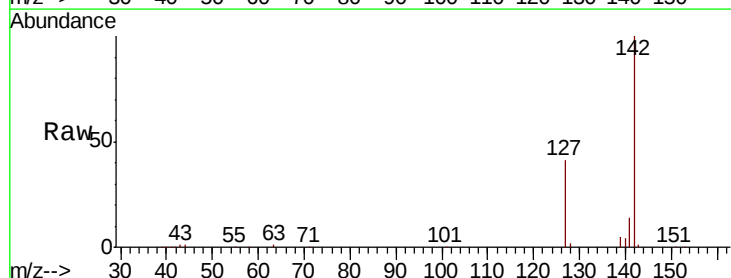
Tgt Ion:142 Resp: 159167

Ion Ratio Lower Upper

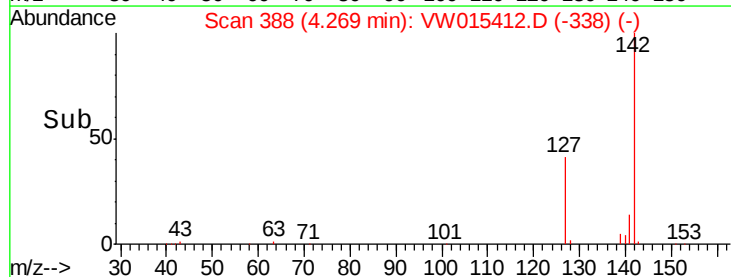
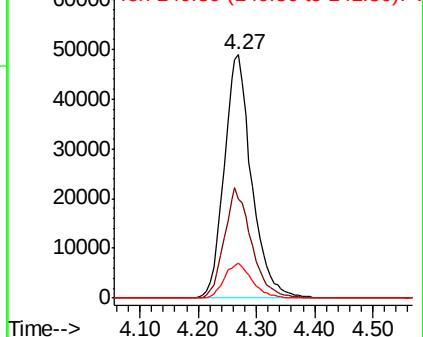
142 100

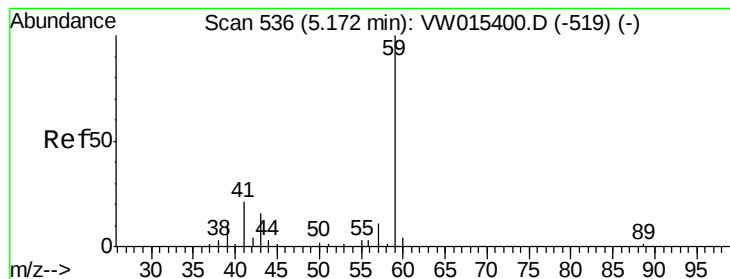
127 44.8 35.4 53.2

141 14.6 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



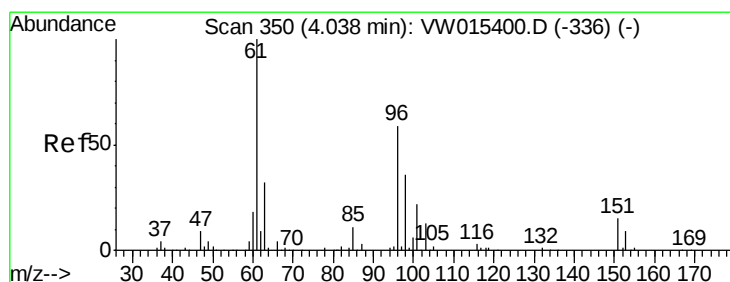
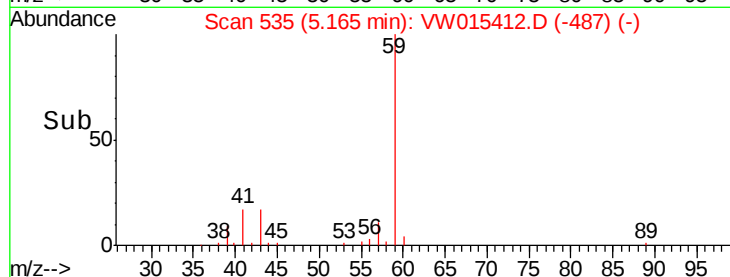
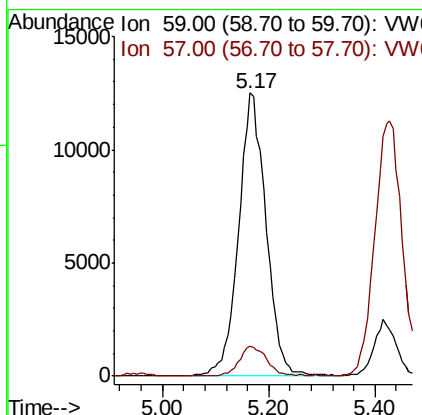
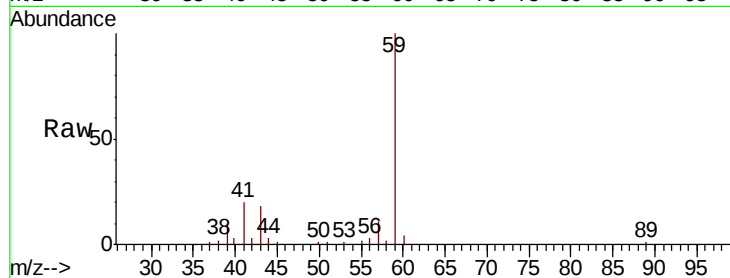


#11

Tert butyl alcohol
 Concen: 309.107 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Instrument :
 MSVOA_W
 ClientSampled :

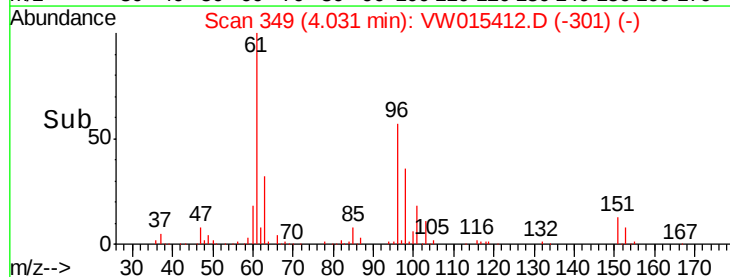
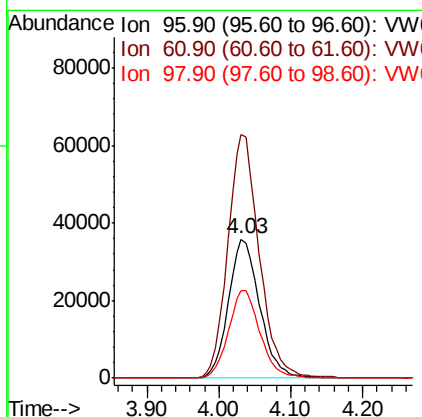
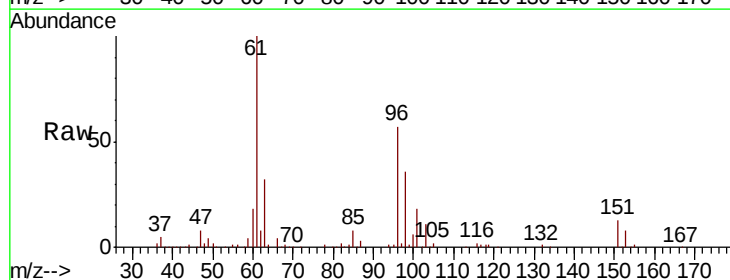
Tot Ion: 59 Resp: 44717
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 13.0

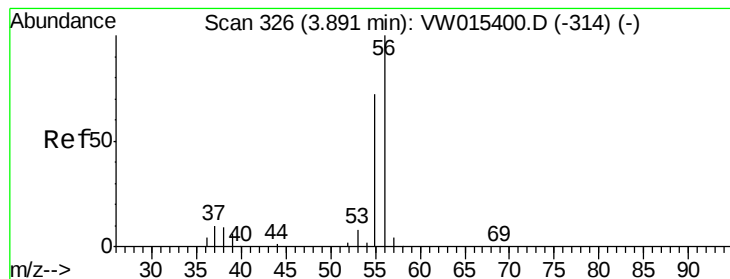


#12

1,1-Dichloroethene
 Concen: 49.155 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 96 Resp: 108427
 Ion Ratio Lower Upper
 96 100
 61 175.5 135.8 203.8
 98 62.9 48.6 72.8





#13

Acrolein

Concen: 239.977 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

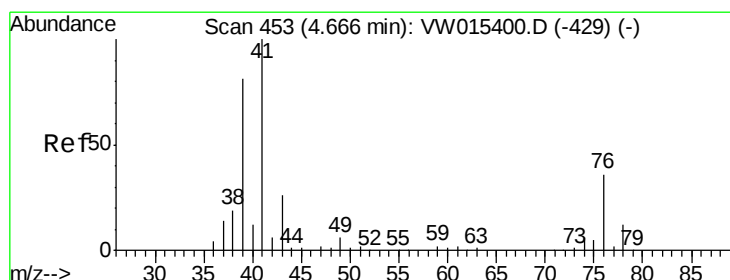
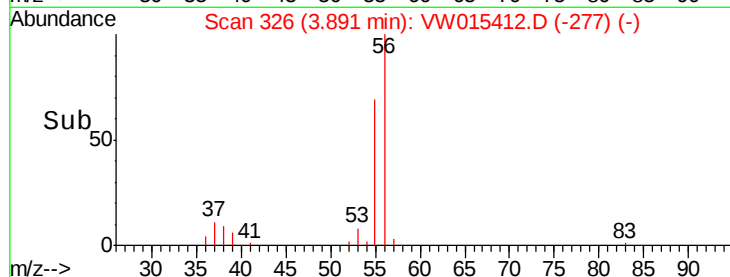
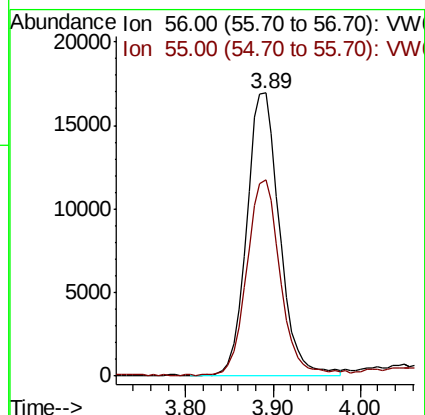
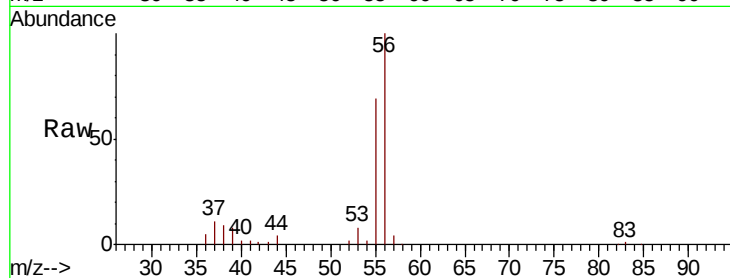
ClientSampleId :

Tot Ion: 56 Resp: 44333

Ion Ratio Lower Upper

56 100

55 69.3 56.4 84.6



#14

Allyl chloride

Concen: 48.922 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

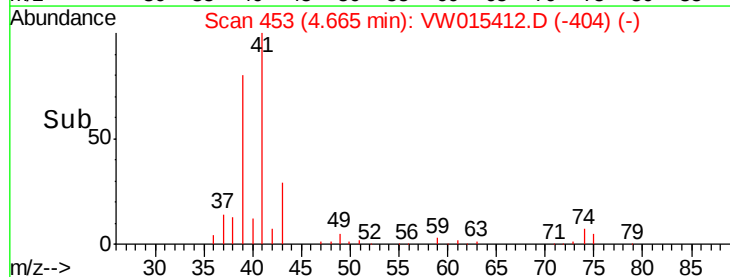
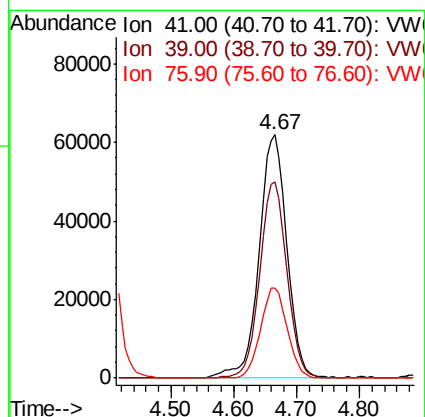
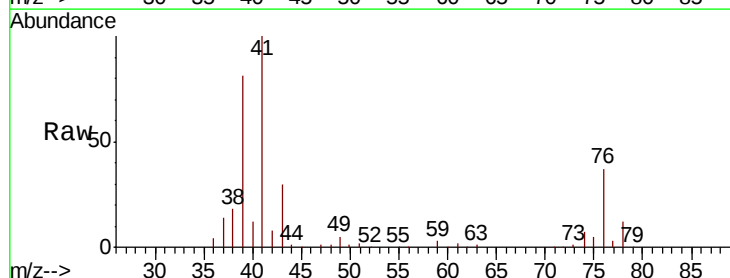
Tgt Ion: 41 Resp: 189077

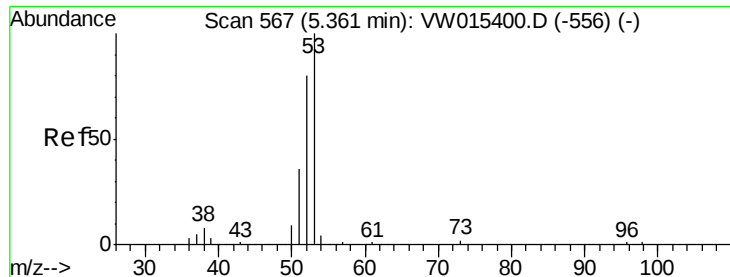
Ion Ratio Lower Upper

41 100

39 79.3 63.6 95.4

76 35.7 28.4 42.6





#15

Acrylonitrile

Concen: 271.100 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

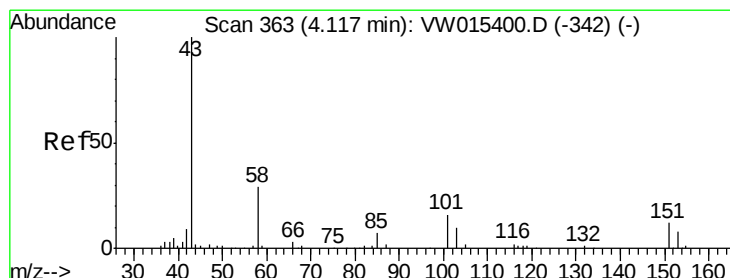
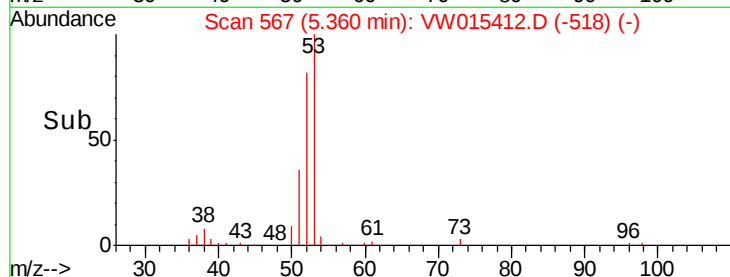
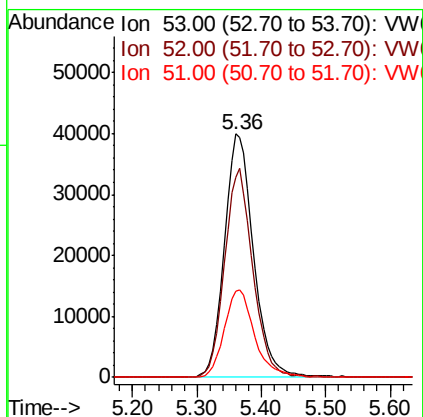
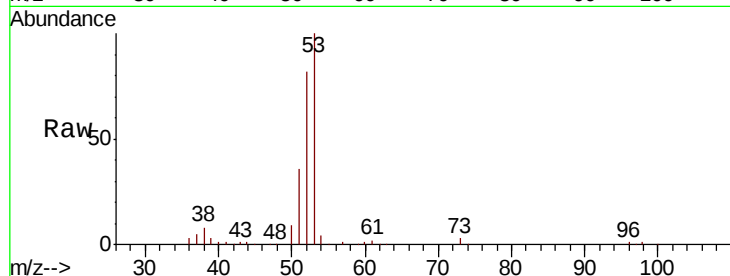
Tot Ion: 53 Resp: 126512

Ion Ratio Lower Upper

53 100

52 83.0 66.6 99.8

51 37.3 30.2 45.2



#16

Acetone

Concen: 302.860 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015412.D

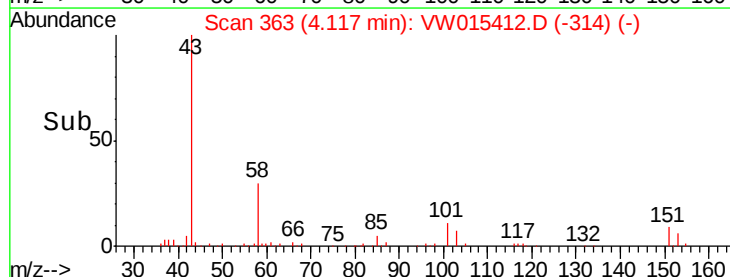
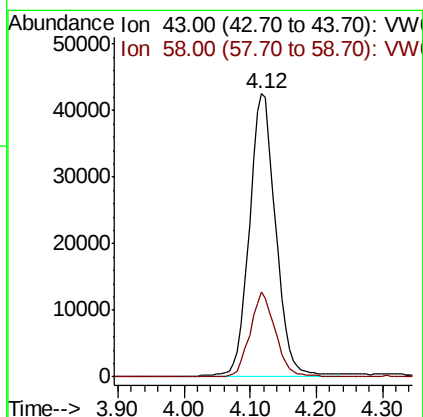
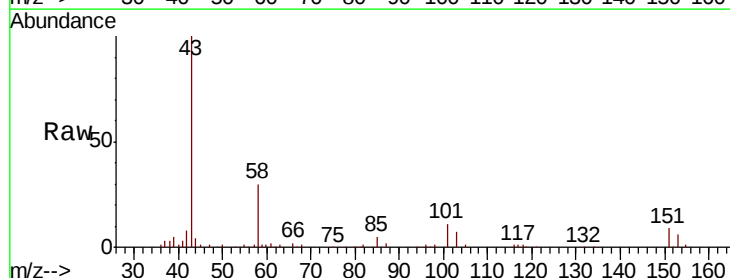
Acq: 06 May 2020 15:44

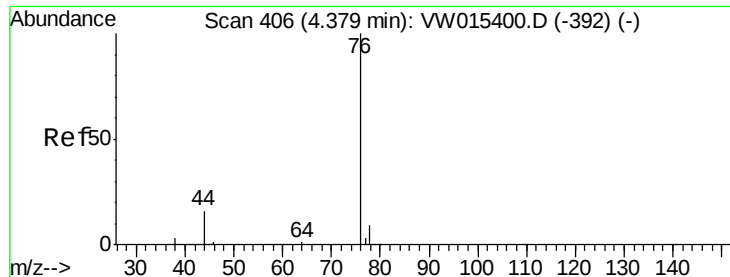
Tgt Ion: 43 Resp: 118032

Ion Ratio Lower Upper

43 100

58 30.0 23.4 35.0

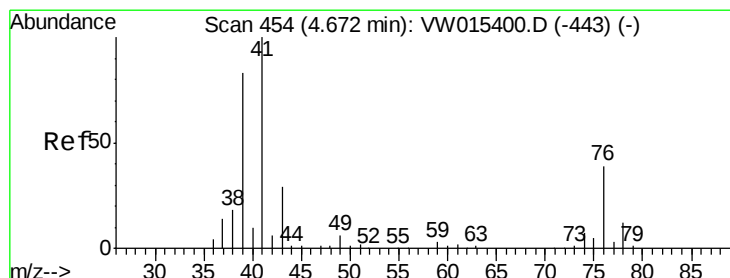
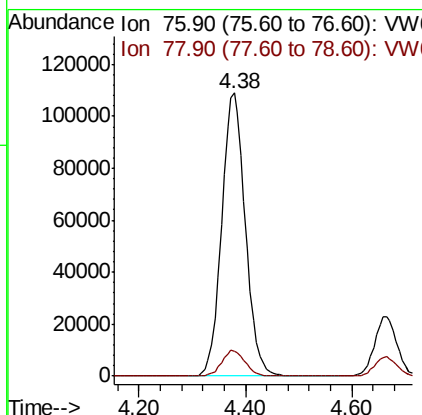
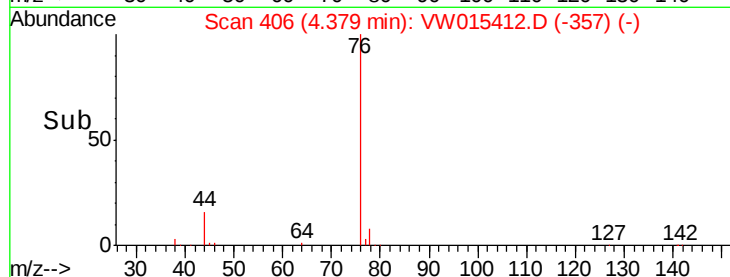
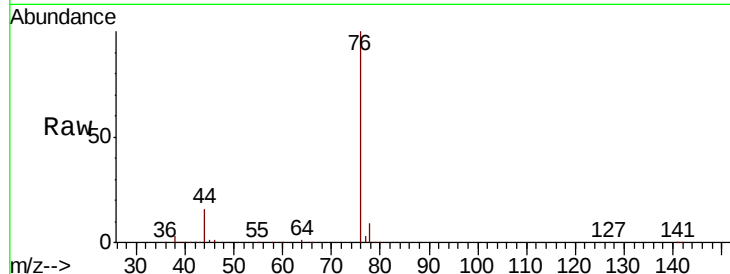




#17
Carbon Disulfide
Concen: 49.881 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

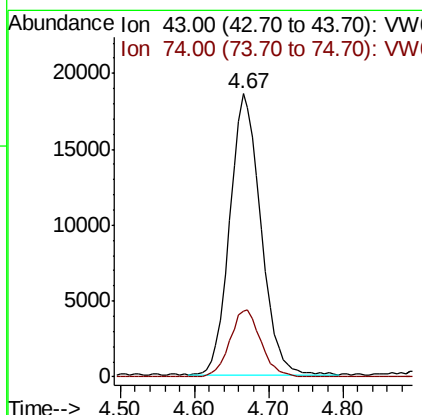
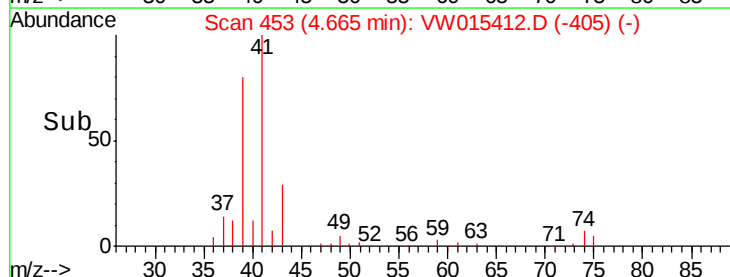
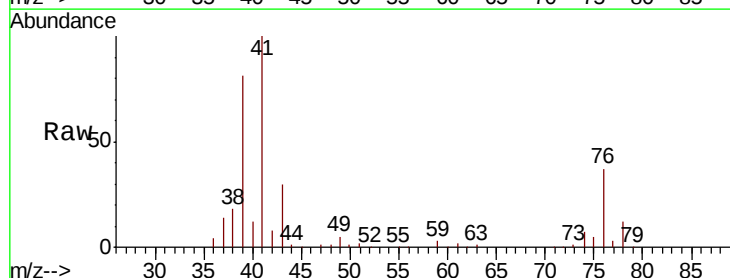
Instrument :
MSVOA_W
ClientSampleId :

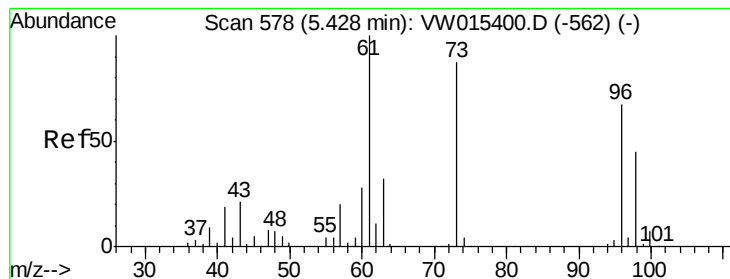
Tot Ion: 76 Resp: 337372
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 52.598 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 43 Resp: 54418
Ion Ratio Lower Upper
43 100
74 23.6 18.7 28.1



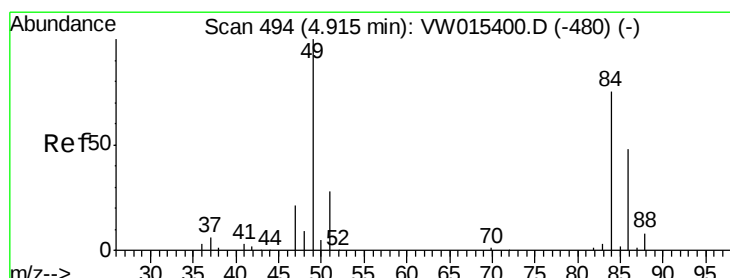
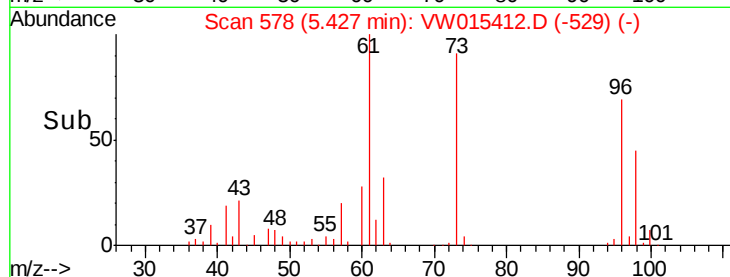
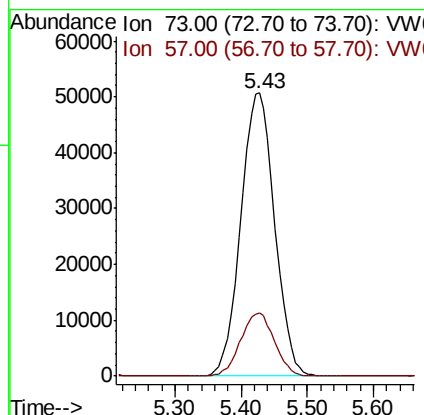
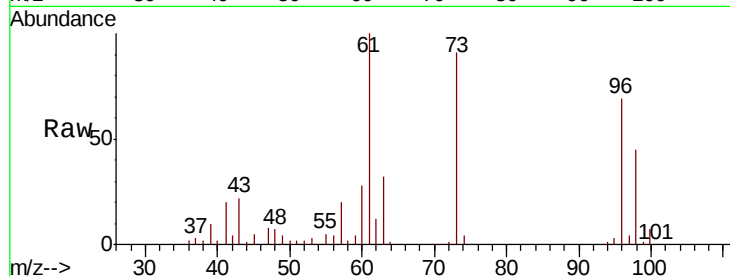


#19

Methyl tert-butyl Ether
 Concen: 50.714 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Instrument :
 MSVOA_W
 ClientSampled :

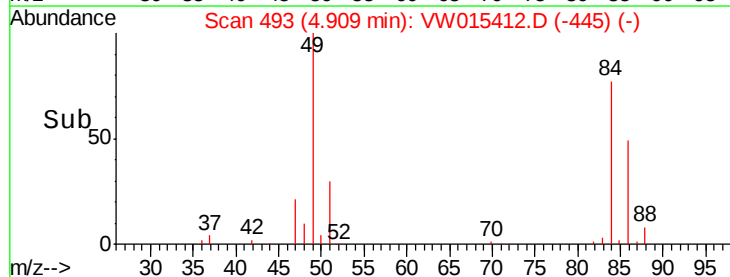
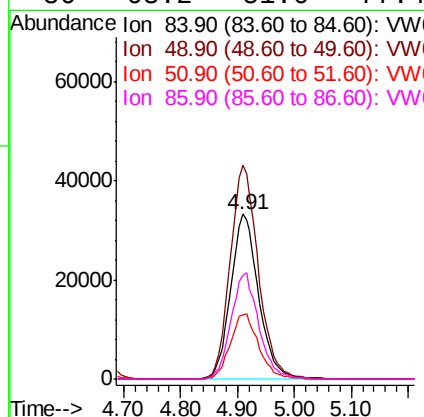
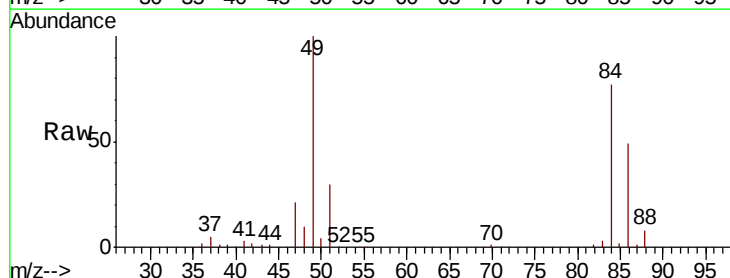
Tot Ion: 73 Resp: 179737
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.5 27.7

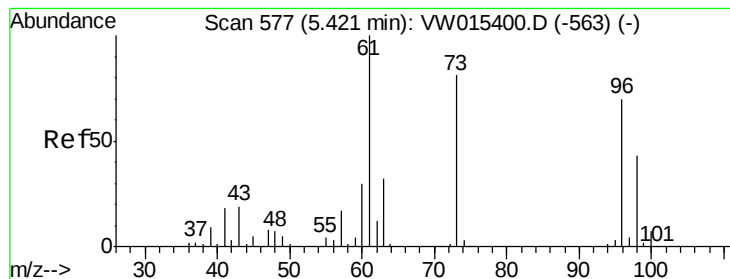


#20

Methylene Chloride
 Concen: 44.694 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 84 Resp: 113647
 Ion Ratio Lower Upper
 84 100
 49 129.8 106.4 159.6
 51 39.1 30.2 45.2
 86 63.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.307 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

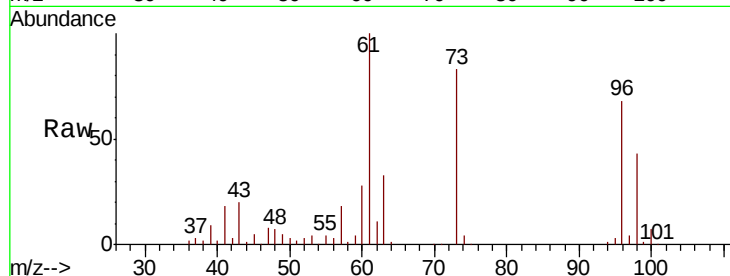
Tot Ion: 96 Resp: 123462

Ion Ratio Lower Upper

96 100

61 147.9 114.9 172.3

98 63.1 49.4 74.0

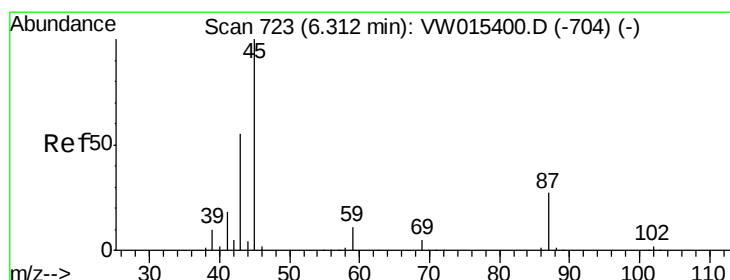
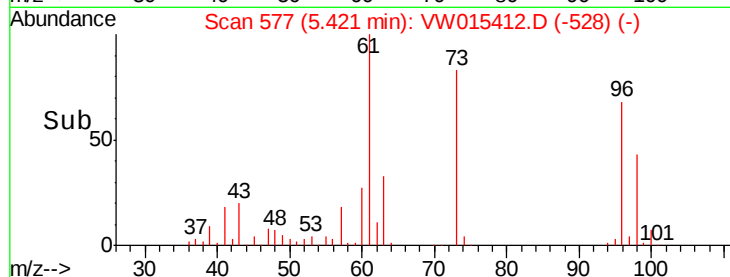
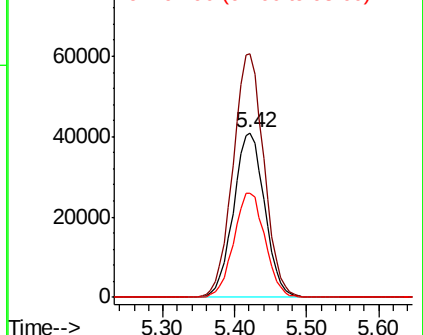


Abundance

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: 49.372 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Tgt Ion: 45 Resp: 372877

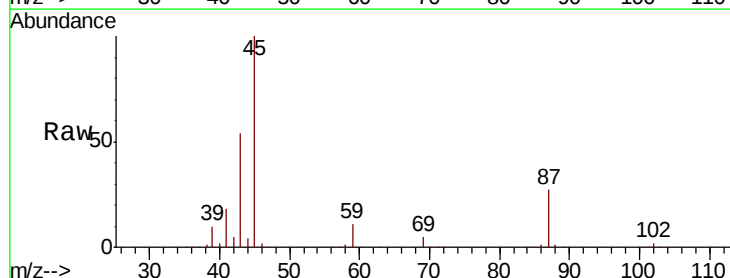
Ion Ratio Lower Upper

45 100

43 54.3 44.2 66.4

87 27.0 21.6 32.4

59 11.5 9.0 13.6



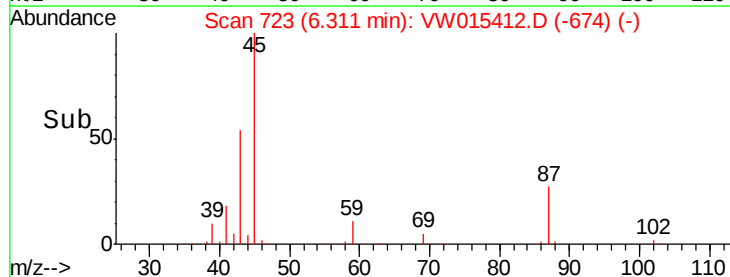
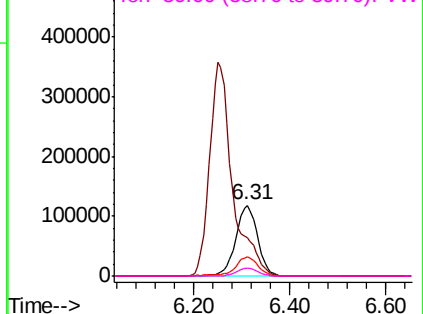
Abundance

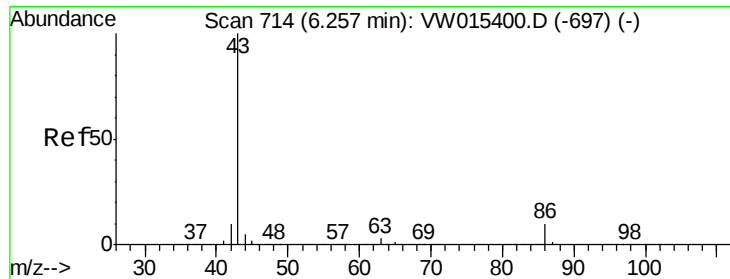
Ion 45.00 (44.70 to 45.70): VW

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: 257.167 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

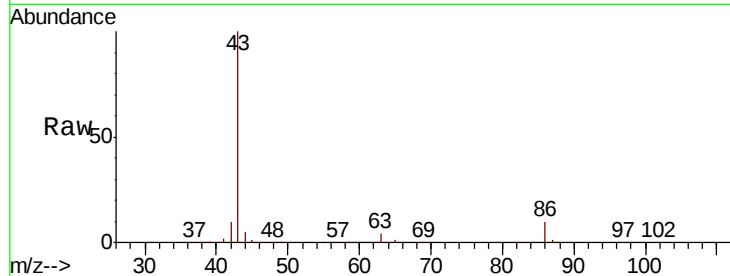
ClientSampleId :

Tot Ion: 43 Resp: 1180652

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

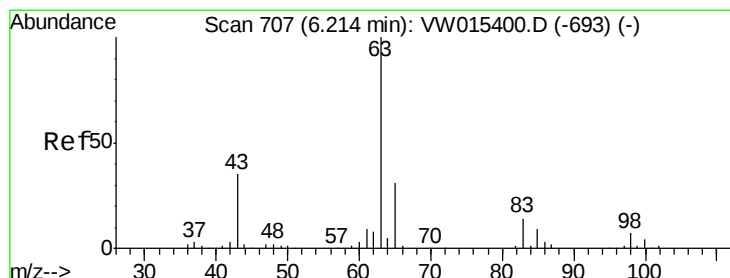
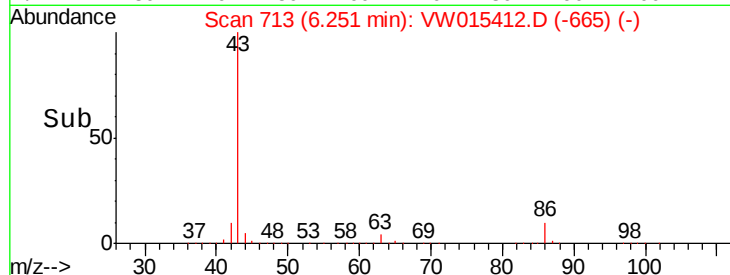
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.825 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

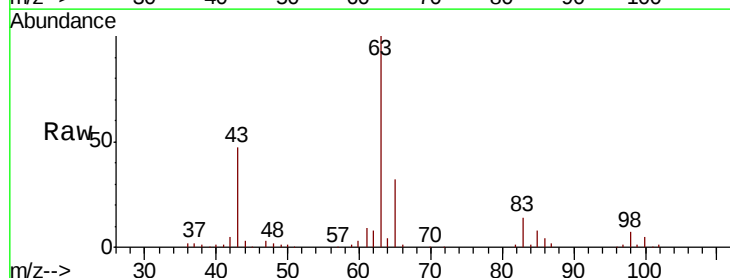
Tgt Ion: 63 Resp: 221062

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

100000

80000

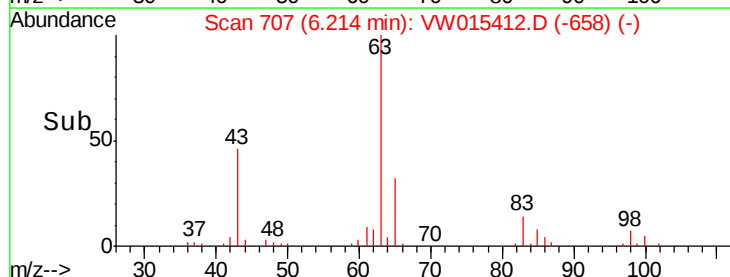
60000

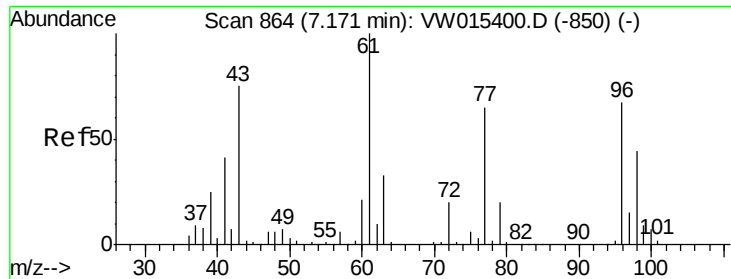
40000

20000

0

Time-->

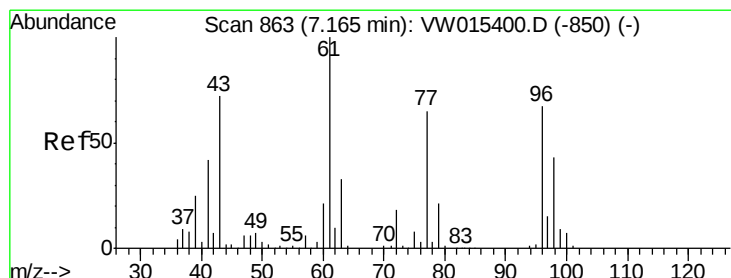
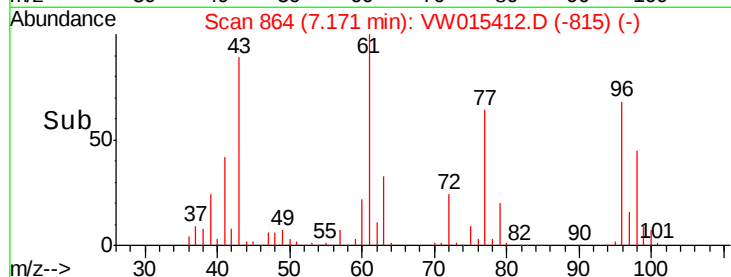
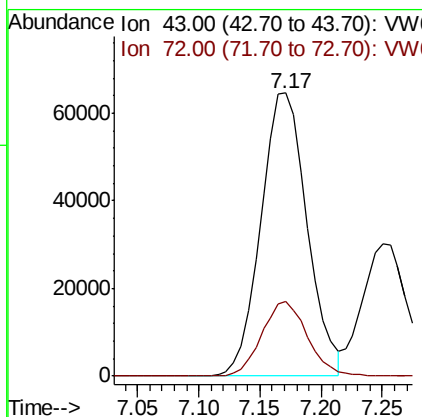
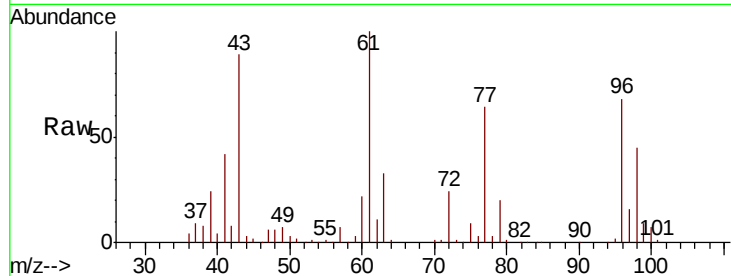




#25
2-Butanone
Concen: 279.651 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

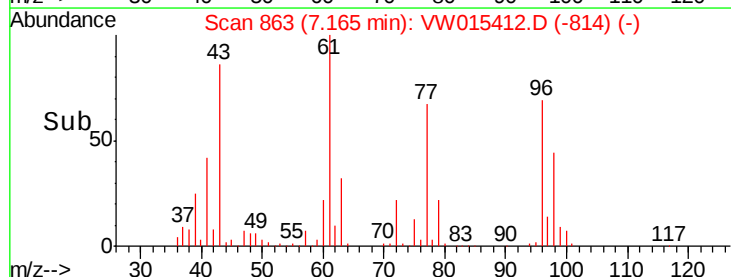
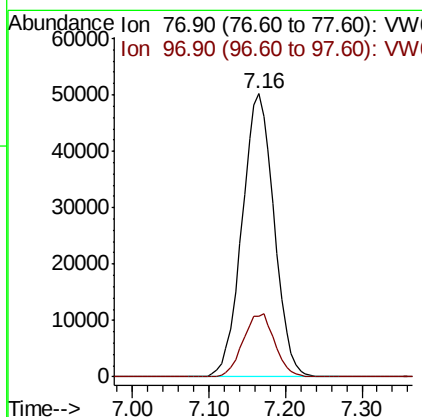
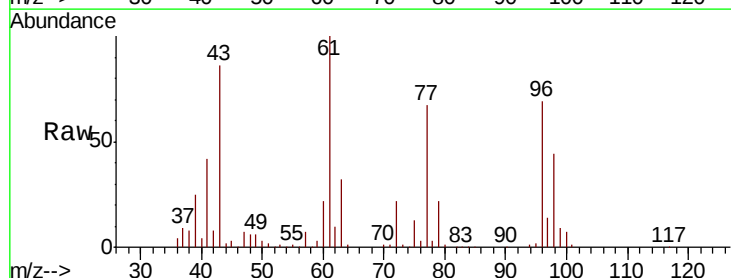
Instrument :
MSVOA_W
ClientSampled :

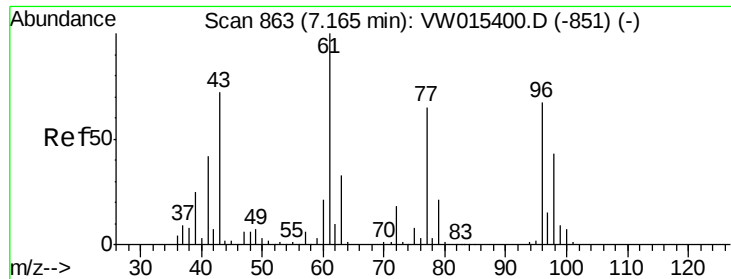
Tot Ion: 43 Resp: 169876
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0



#26
2,2-Dichloropropane
Concen: 48.597 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 77 Resp: 145834
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1



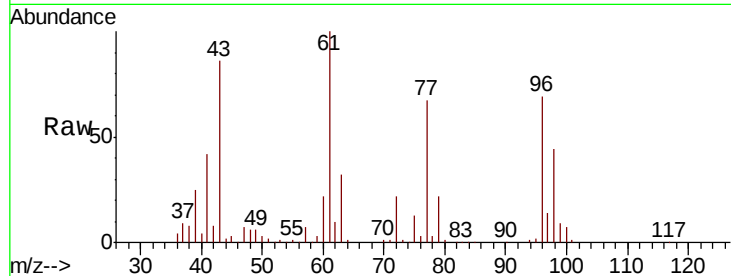


#27

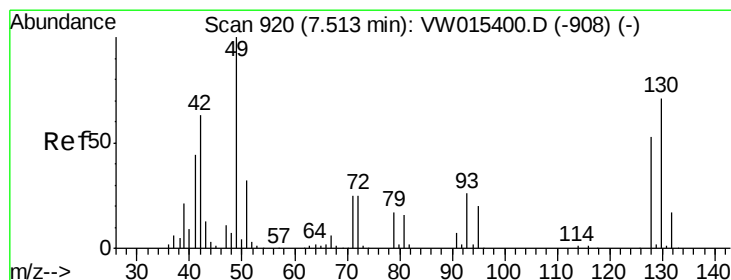
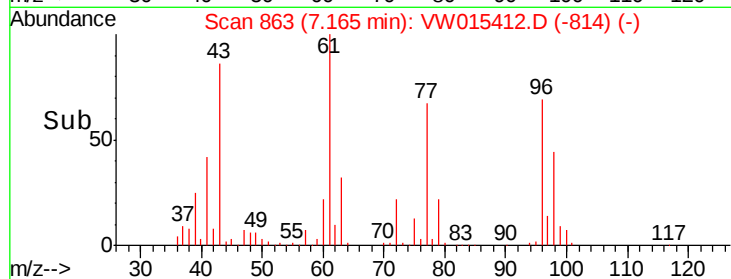
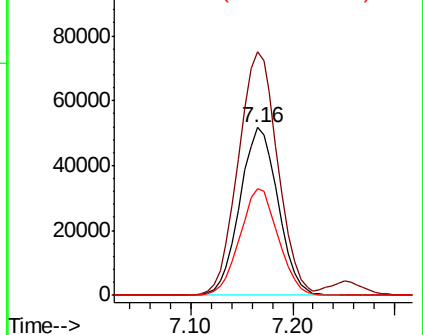
cis-1,2-Dichloroethene
Concen: 49.610 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 134886
Ion Ratio Lower Upper
96 100
61 149.5 0.0 304.6
98 63.7 0.0 129.2



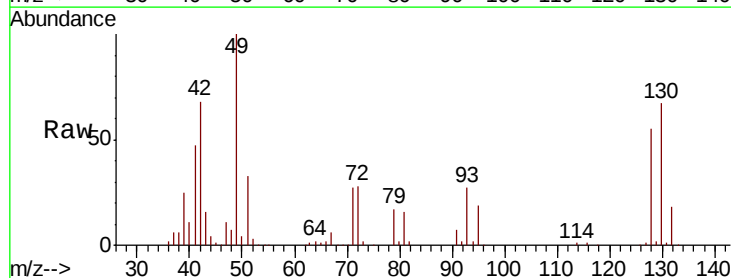
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



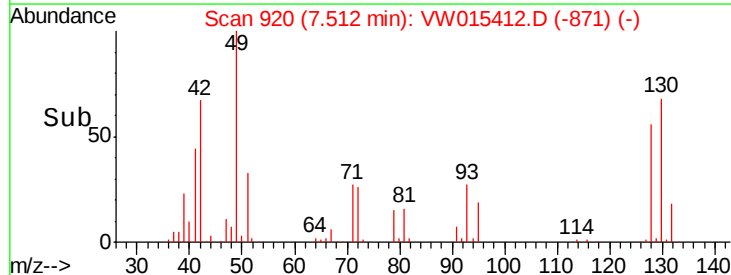
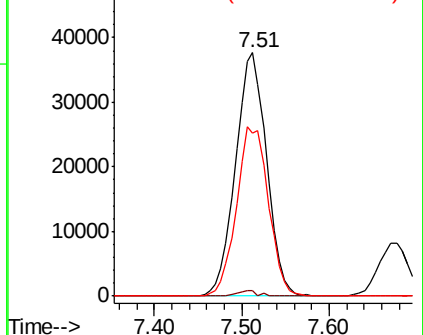
#28

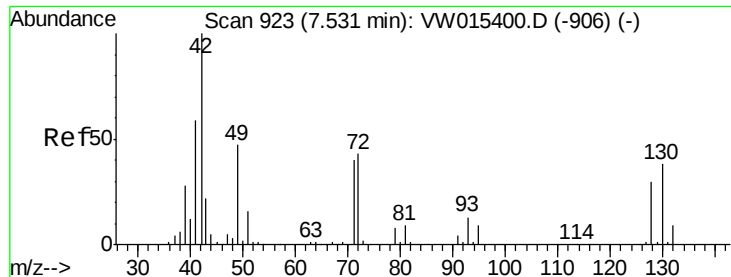
Bromochloromethane
Concen: 51.094 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 49 Resp: 93017
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 71.6 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

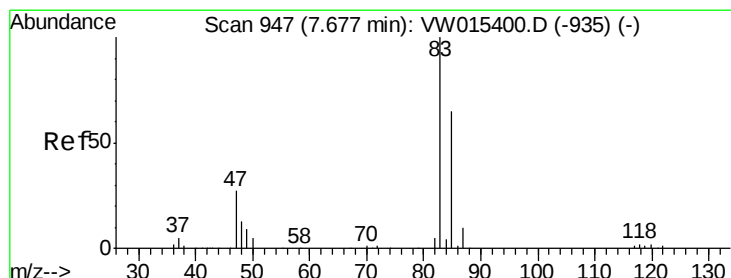
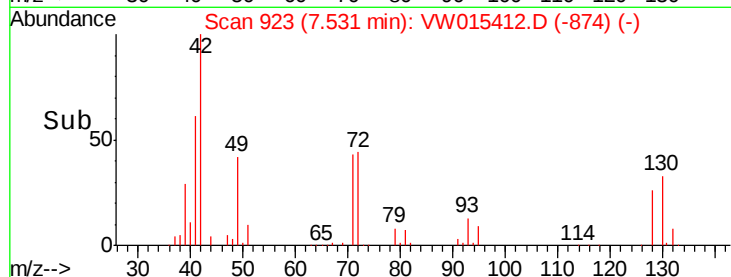
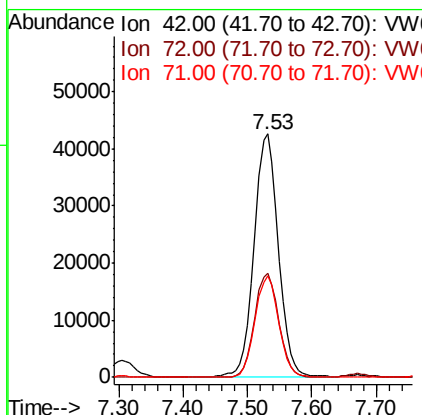
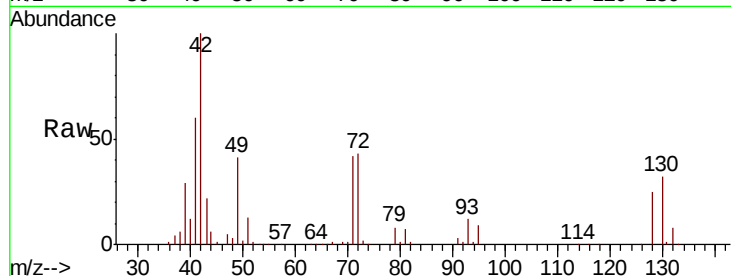




#29
Tetrahydrofuran
Concen: 275.513 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

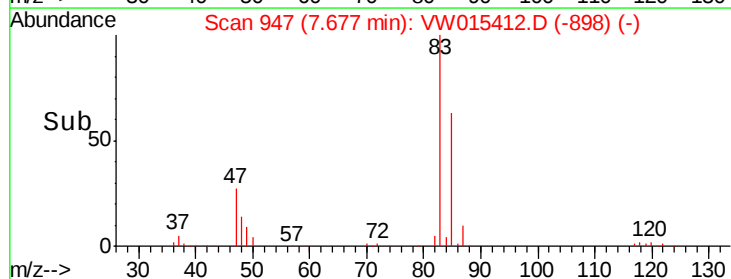
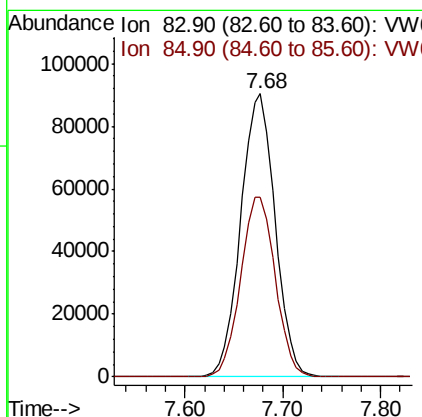
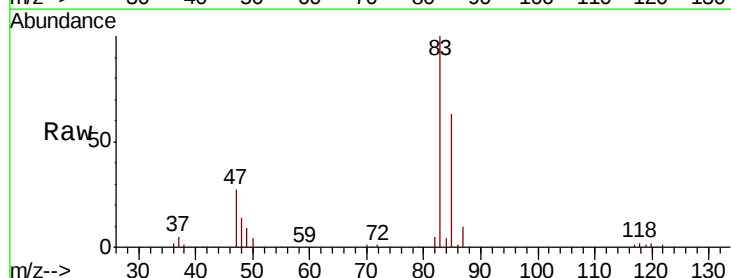
Instrument :
MSVOA_W
ClientSampled :

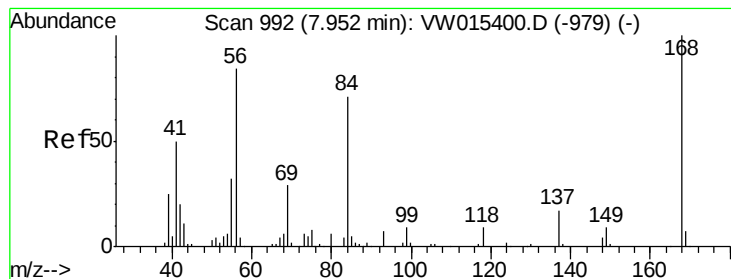
Tot Ion: 42 Resp: 110143
Ion Ratio Lower Upper
42 100
72 42.5 33.6 50.4
71 40.9 32.1 48.1



#30
Chloroform
Concen: 48.884 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 83 Resp: 219908
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6





#31

Cyclohexane

Concen: 46.040 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

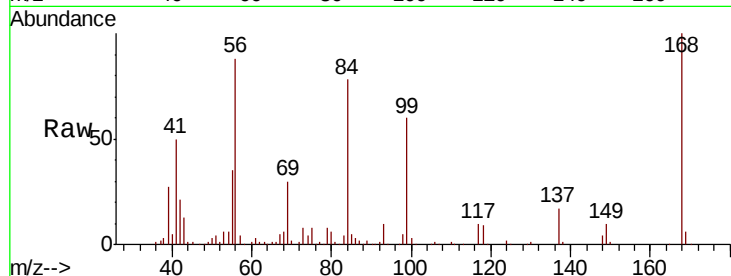
Tot Ion: 56 Resp: 211652

Ion Ratio Lower Upper

56 100

69 33.8 27.2 40.8

84 87.5 67.7 101.5

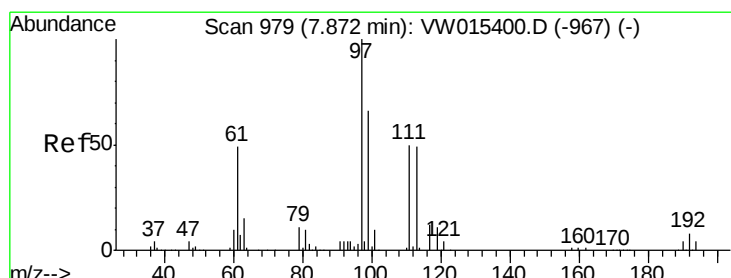
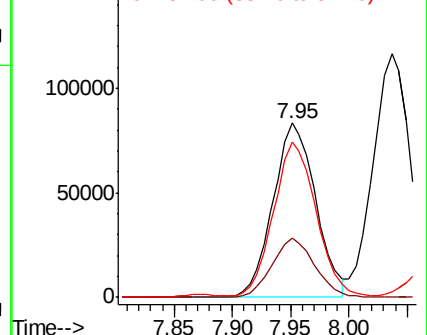
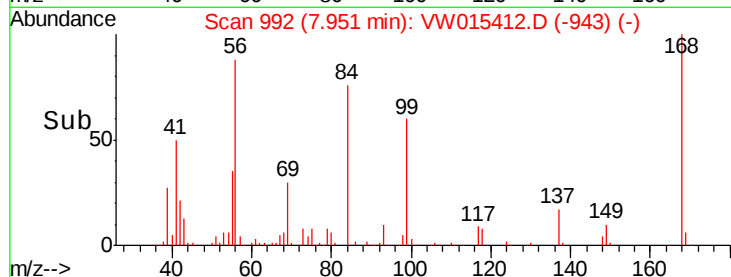


Abundance

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: 49.748 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

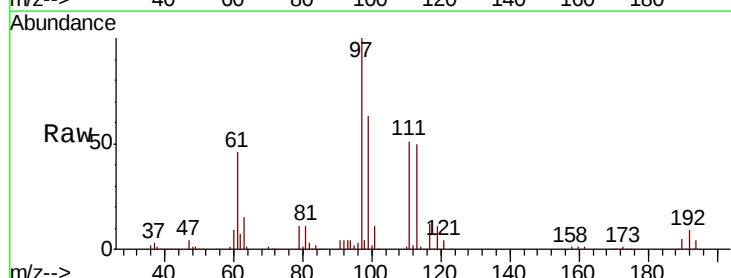
Tgt Ion: 97 Resp: 188094

Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

61 47.3 38.0 57.0

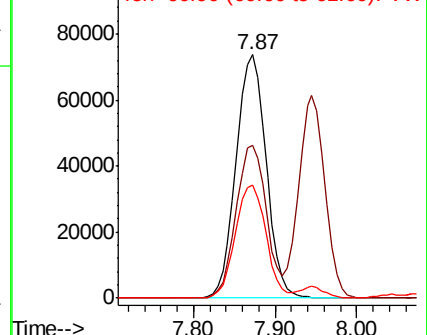
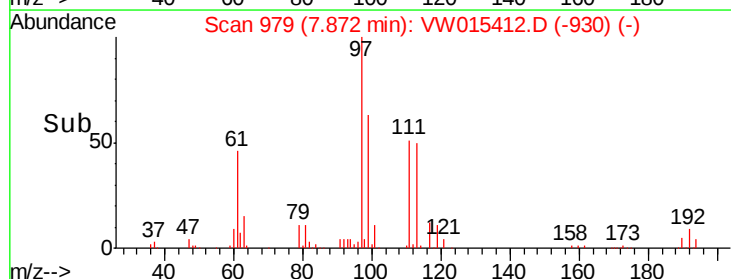


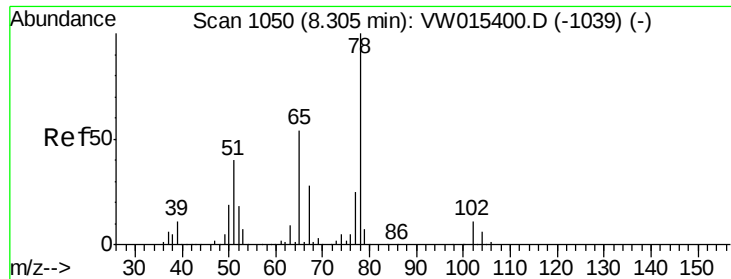
Abundance

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: 51.156 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

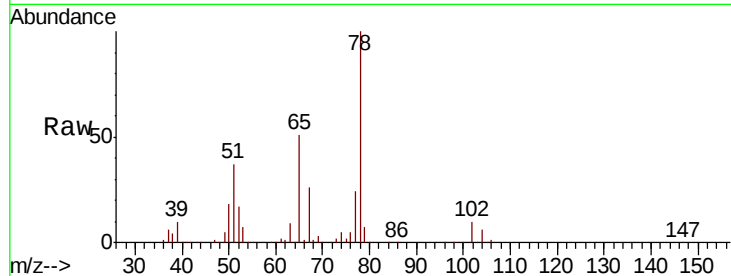
ClientSampleId :

Tot Ion: 65 Resp: 128335

Ion Ratio Lower Upper

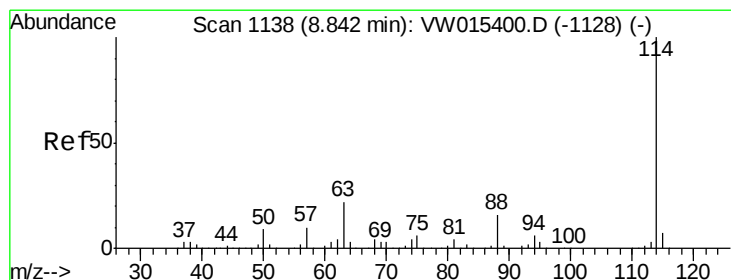
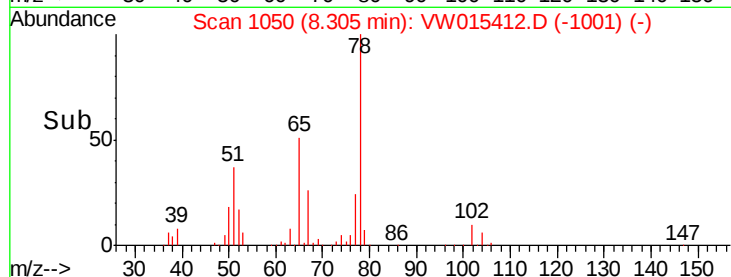
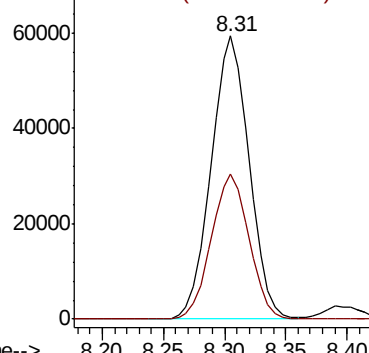
65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

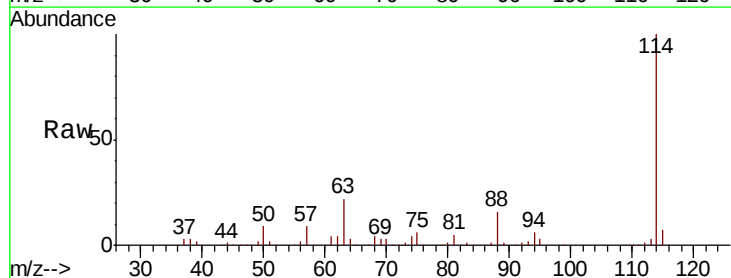
Tgt Ion: 114 Resp: 374218

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

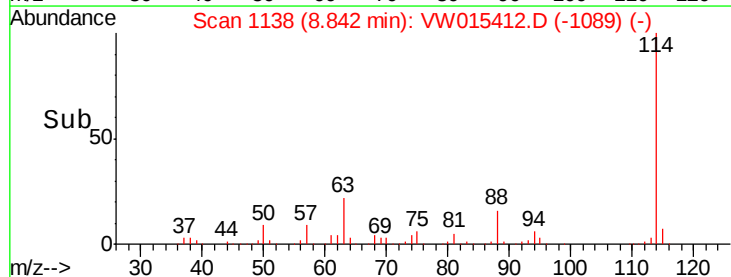
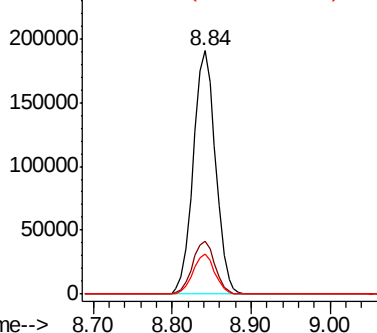
88 16.5 0.0 31.8

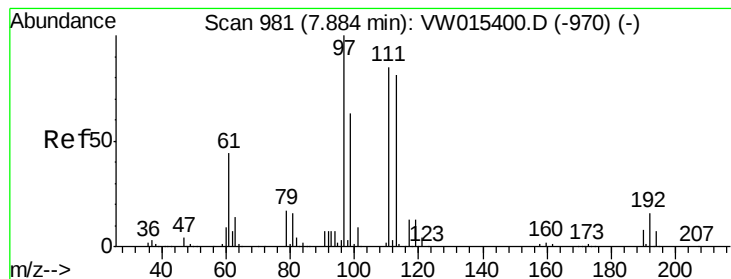


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.642 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

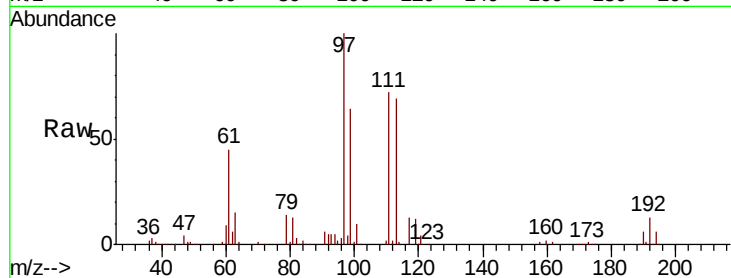
Tot Ion:113 Resp: 110919

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

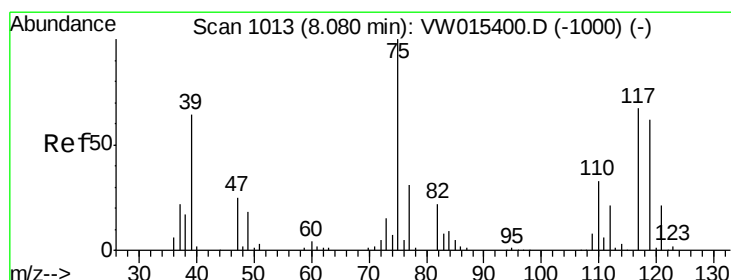
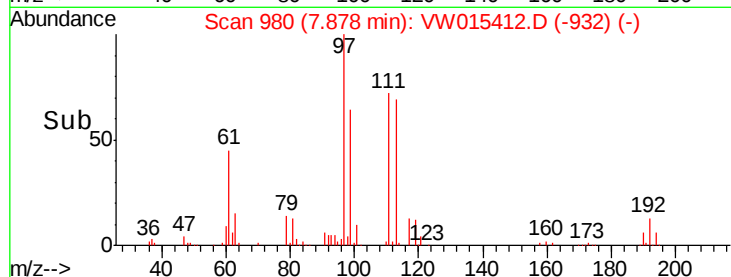
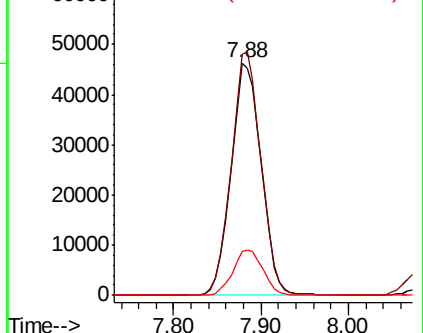
192 19.5 15.4 23.0



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: 49.745 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

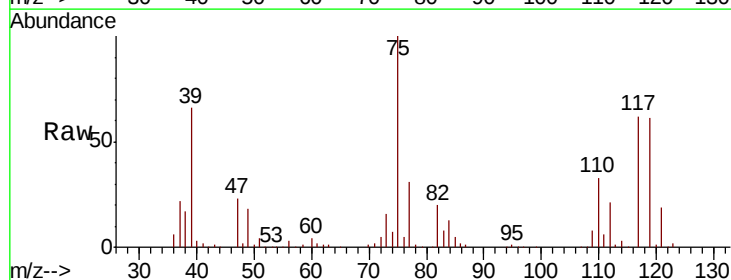
Tgt Ion: 75 Resp: 182894

Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.8

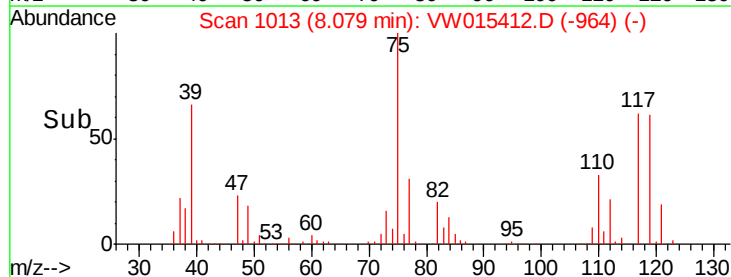
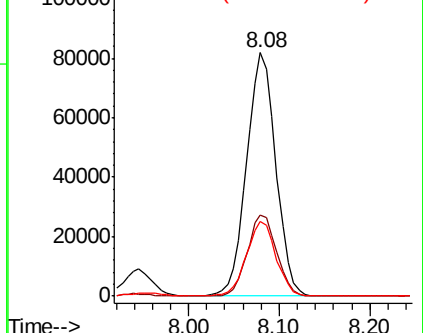
77 31.2 24.5 36.7

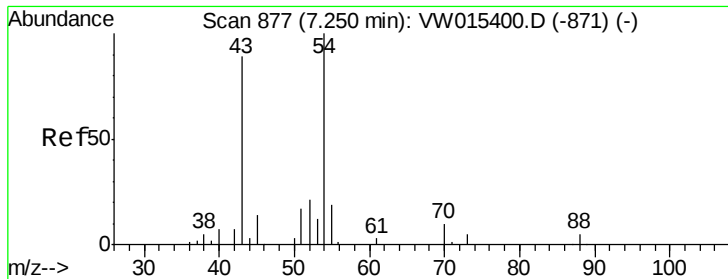


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

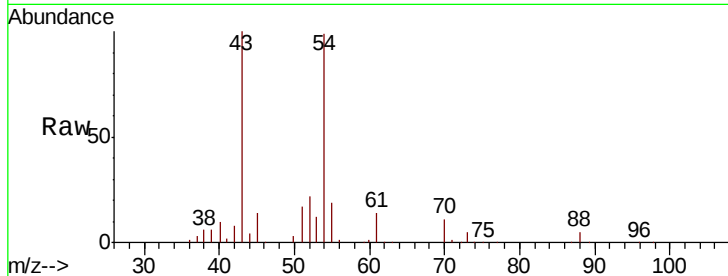




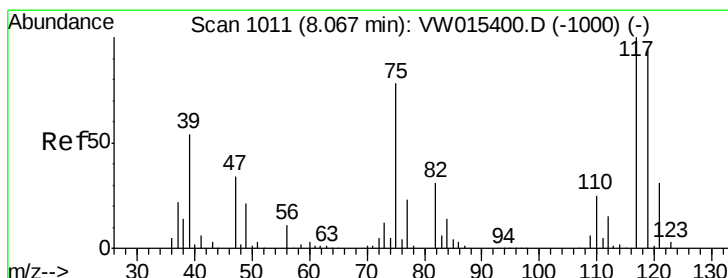
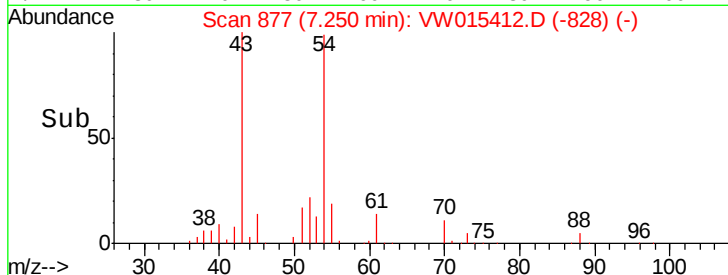
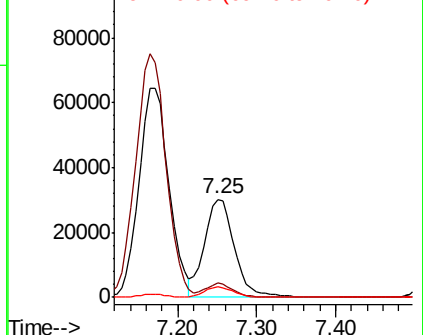
#37
Ethyl Acetate
Concen: 55.707 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 79472
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 10.4 8.0 12.0

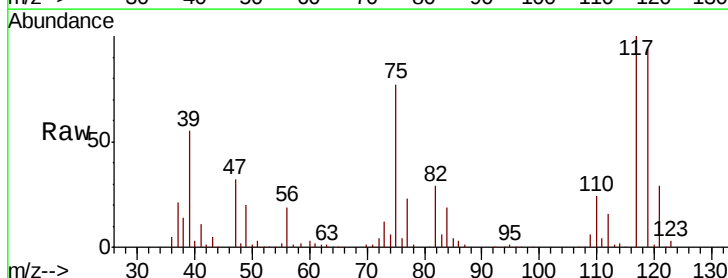


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

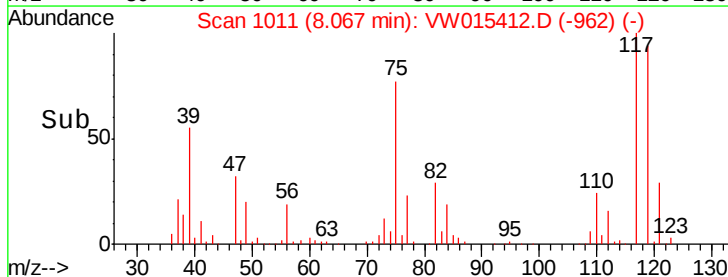
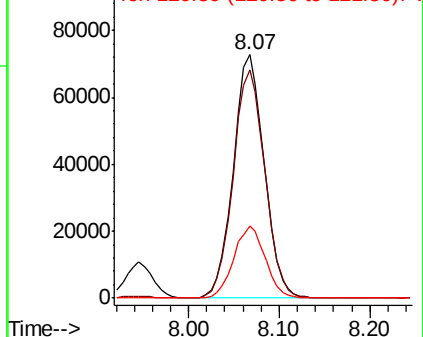


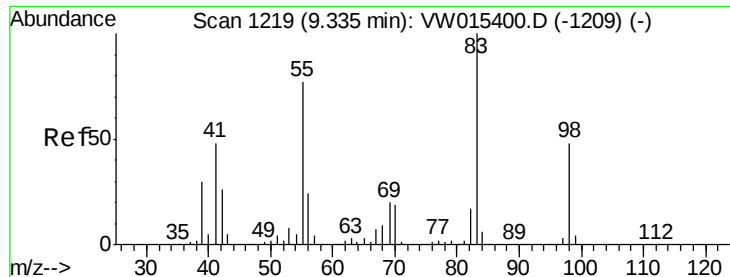
#38
Carbon Tetrachloride
Concen: 50.398 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 117 Resp: 173226
Ion Ratio Lower Upper
117 100
119 93.7 75.4 113.0
121 29.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

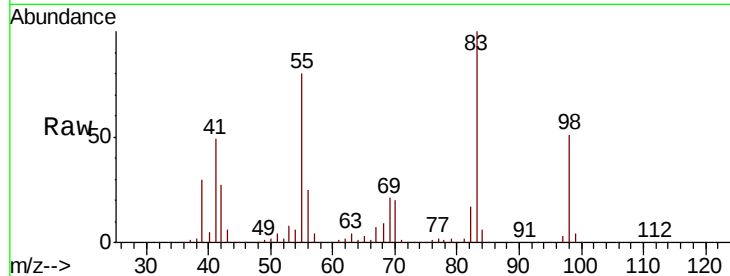




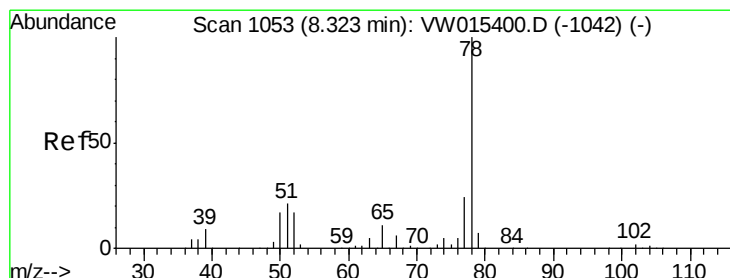
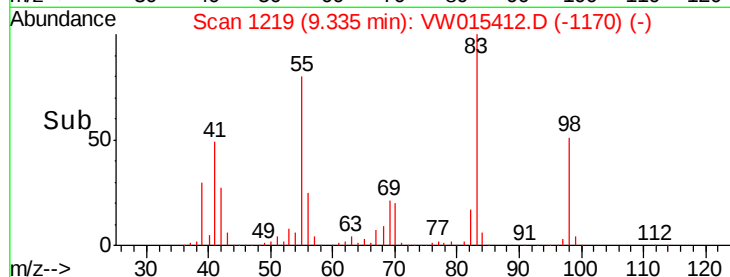
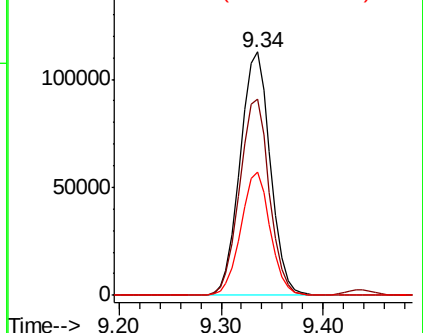
#39
Methvlcvclohexane
Concen: 49.792 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 231732
Ion Ratio Lower Upper
83 100
55 80.4 61.9 92.9
98 50.7 38.2 57.2

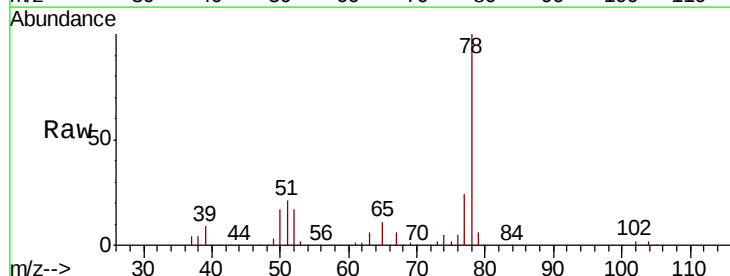


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

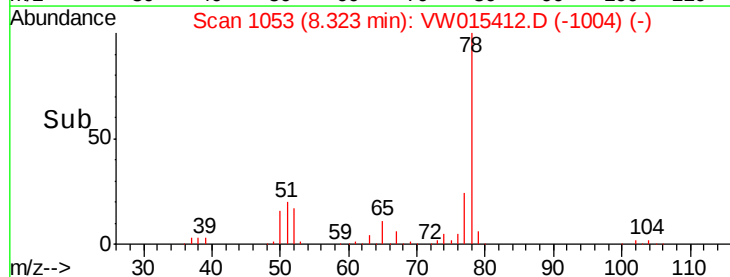
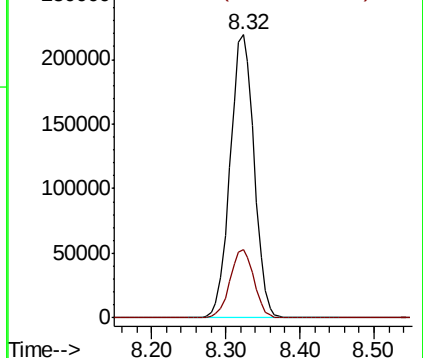


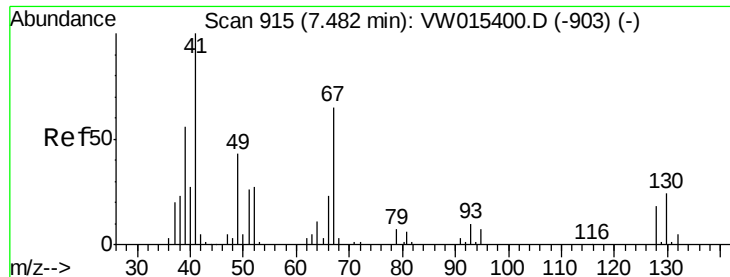
#40
Benzene
Concen: 49.186 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 78 Resp: 493206
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



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

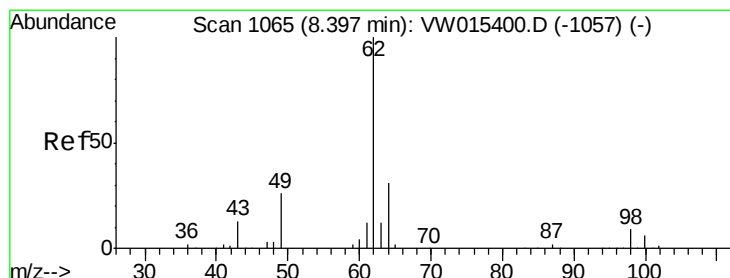
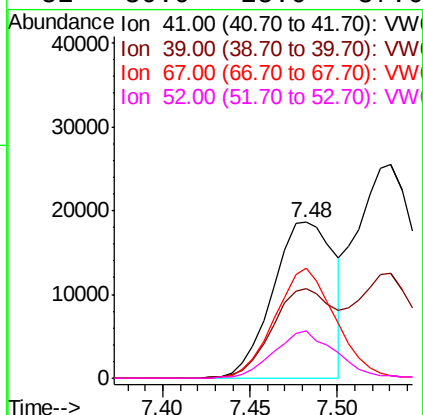
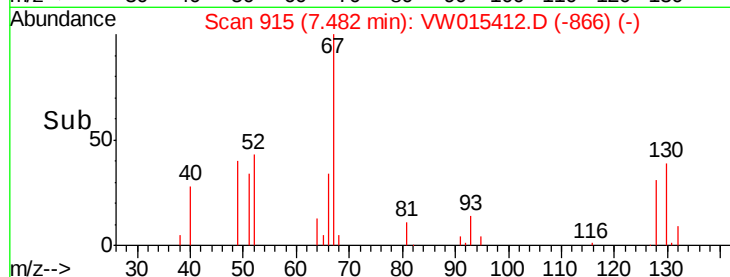
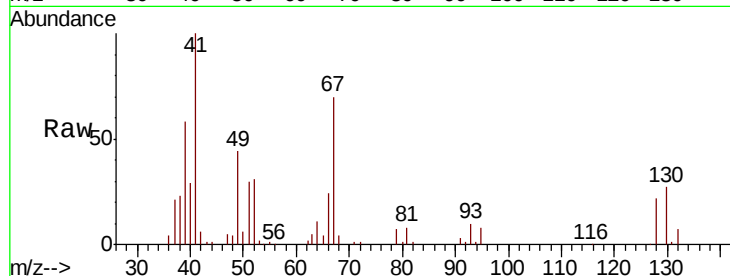




#41
Methacrylonitrile
Concen: 50.866 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

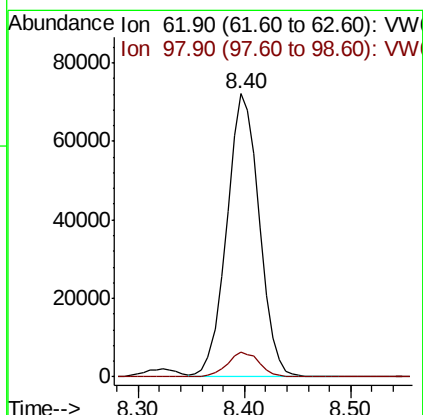
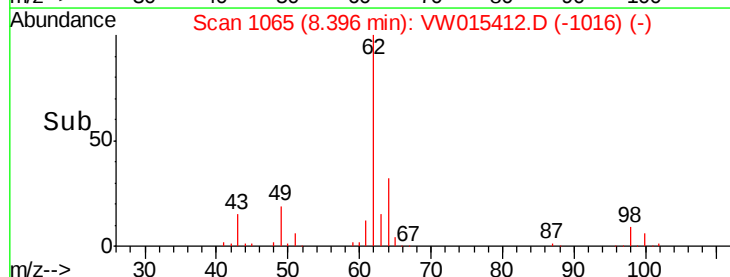
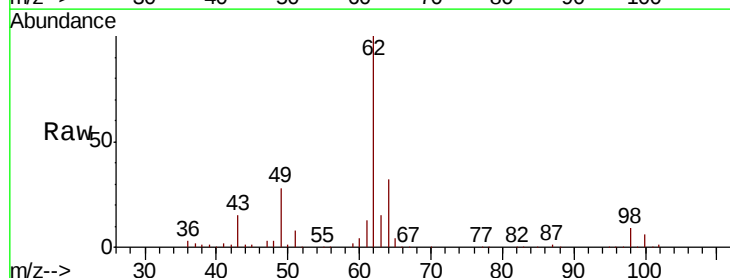
Instrument :
MSVOA_W
ClientSampleId :

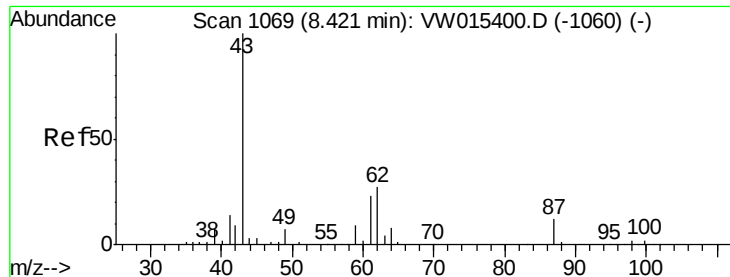
Tot Ion:	41	Resp:	45849
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.2	69.4
67	69.8	56.2	84.2
52	30.9	25.0	37.6



#42
1,2-Dichloroethane
Concen: 50.487 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:	62	Resp:	154197
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 53.154 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

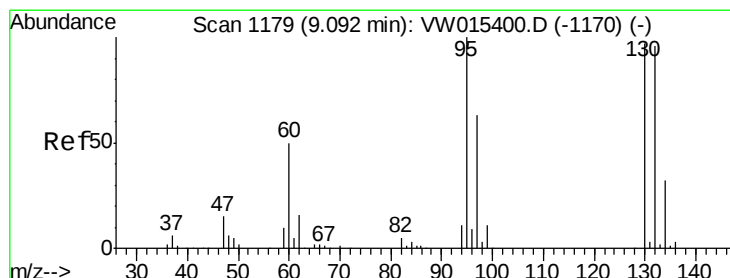
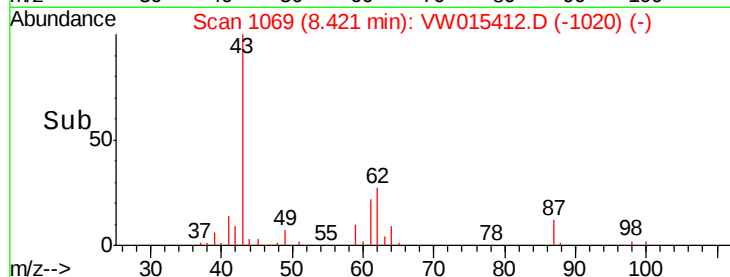
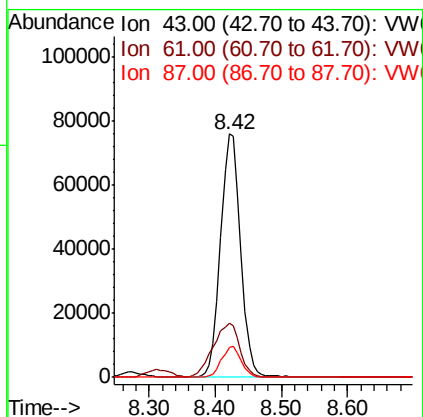
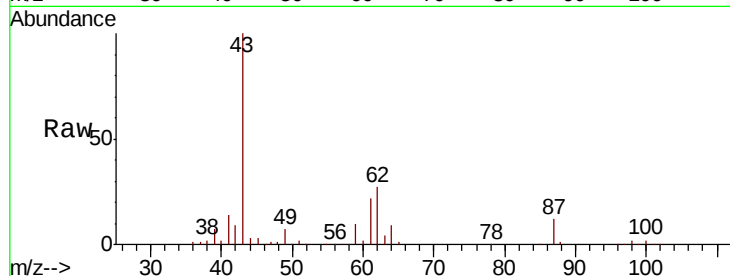
Tot Ion: 43 Resp: 159478

Ion Ratio Lower Upper

43 100

61 29.5 24.3 36.5

87 12.5 10.1 15.1



#44

Trichloroethene

Concen: 50.032 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015412.D

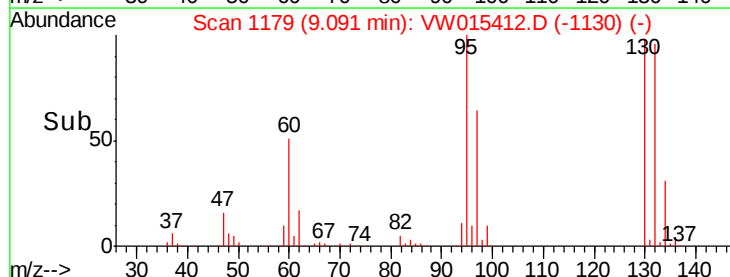
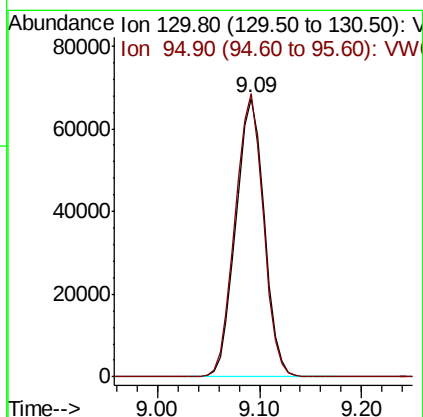
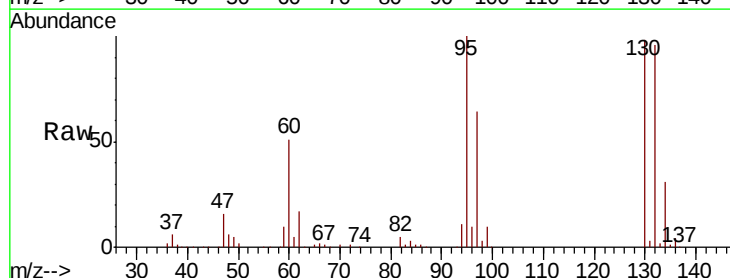
Acq: 06 May 2020 15:44

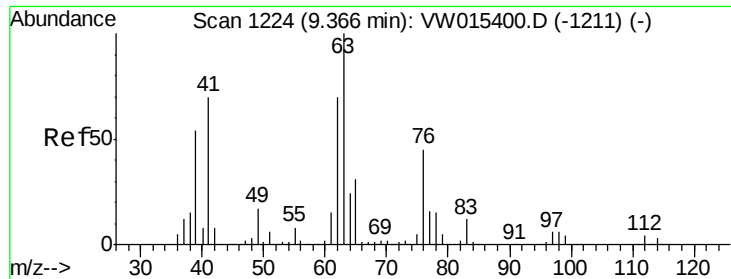
Tgt Ion: 130 Resp: 130031

Ion Ratio Lower Upper

130 100

95 101.7 0.0 205.8

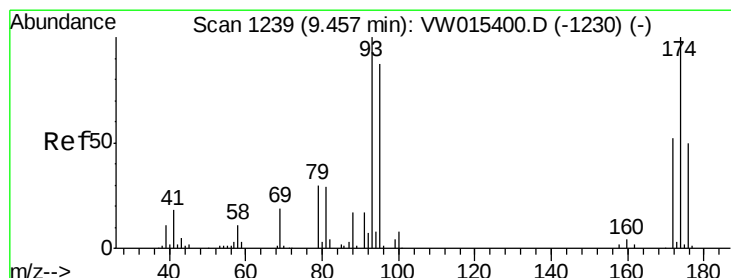
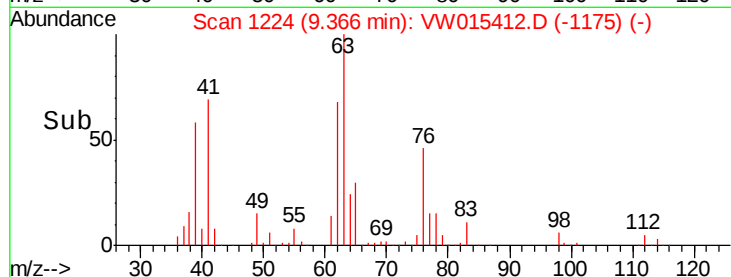
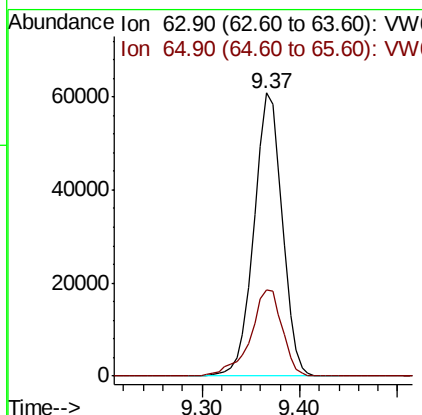
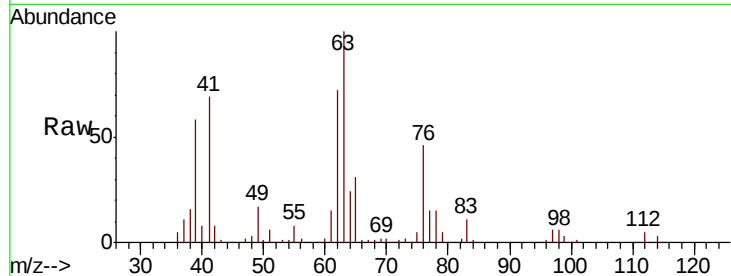




#45
 1,2-Dichloropropane
 Concen: 49.305 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

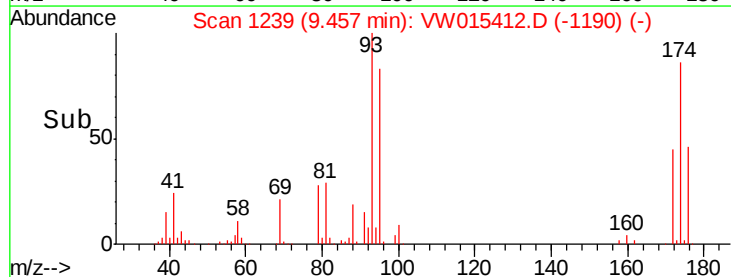
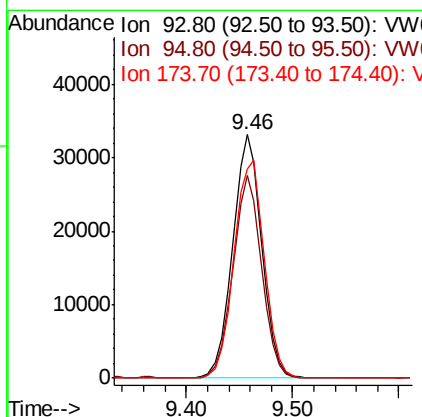
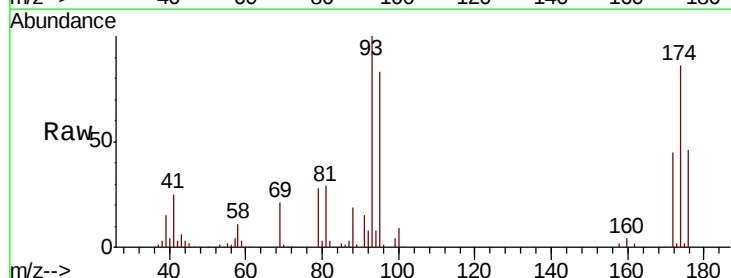
Instrument :
 MSVOA_W
 ClientSampled :

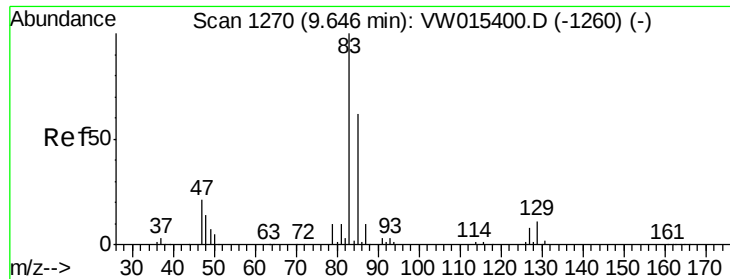
Tot Ion: 63 Resp: 122133
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 51.559 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 93 Resp: 63522
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.0 100.4
 174 93.2 78.4 117.6





#47

Bromodichloromethane

Concen: 50.730 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

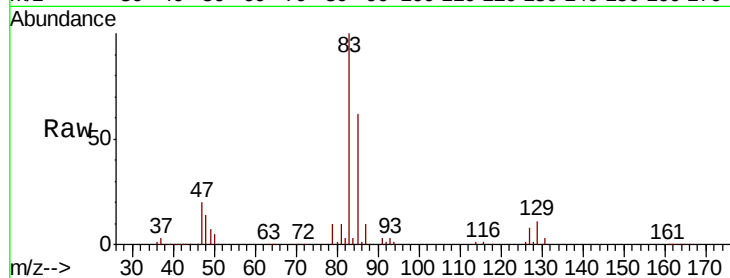
Tot Ion: 83 Resp: 170337

Ion Ratio Lower Upper

83 100

85 62.2 49.4 74.0

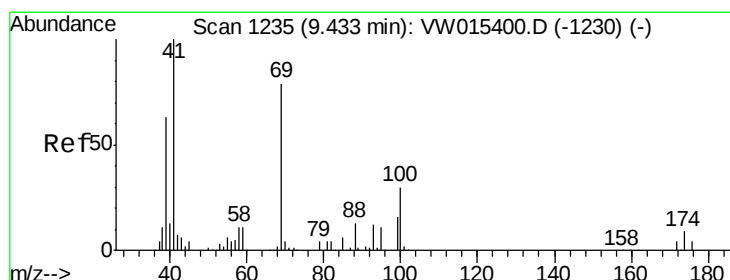
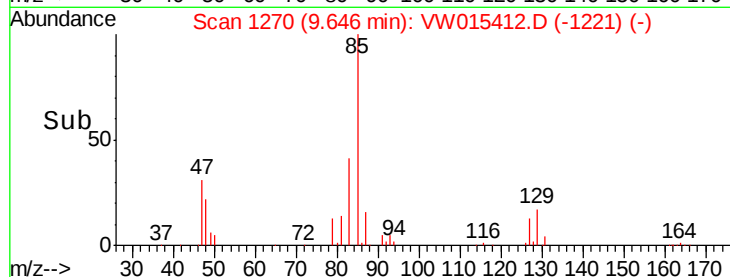
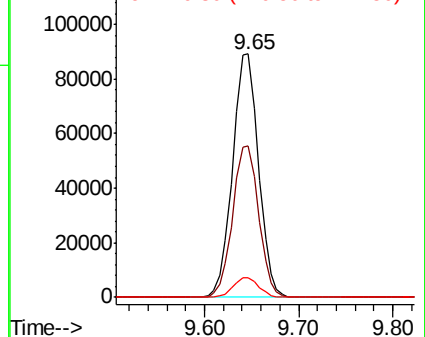
127 8.2 6.4 9.6



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: 53.550 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

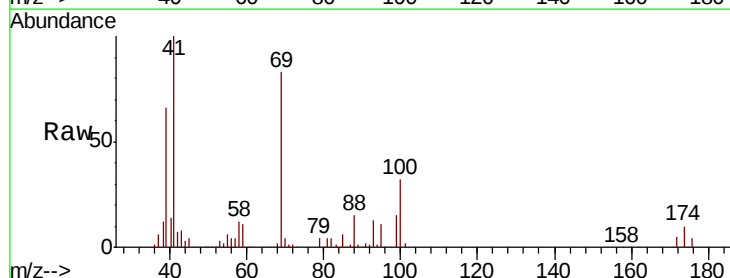
Tgt Ion: 41 Resp: 74214

Ion Ratio Lower Upper

41 100

69 85.1 66.2 99.4

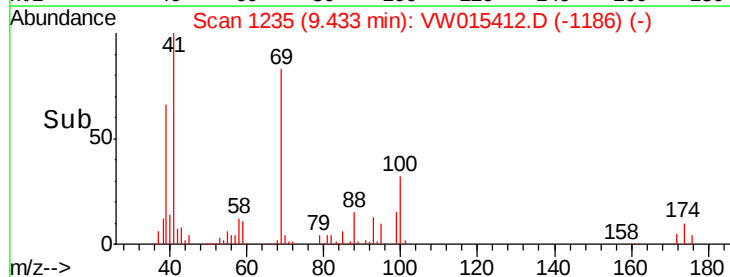
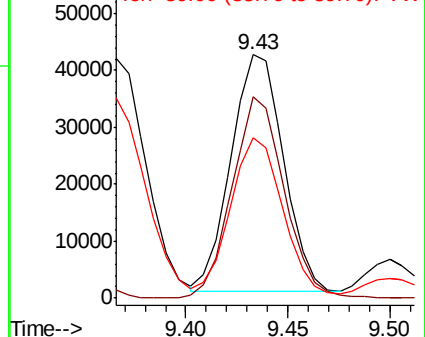
39 68.7 51.1 76.7

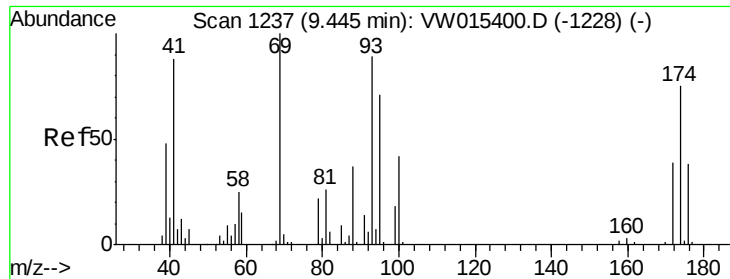


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1265.424 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

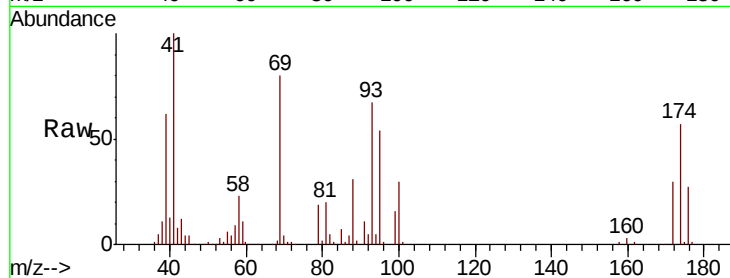
Tot Ion: 88 Resp: 19620

Ion Ratio Lower Upper

88 100

43 37.5 30.6 45.8

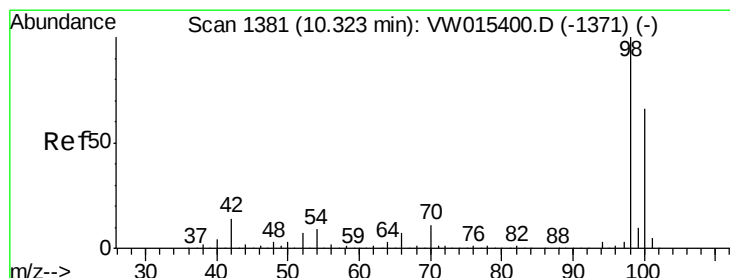
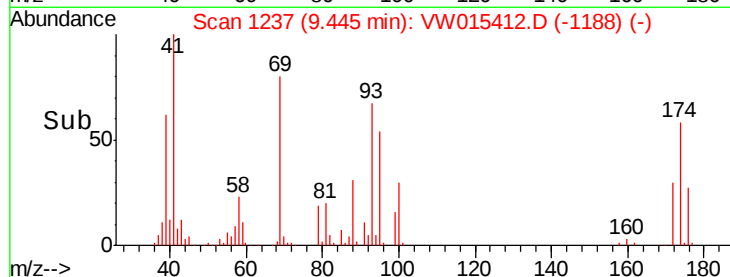
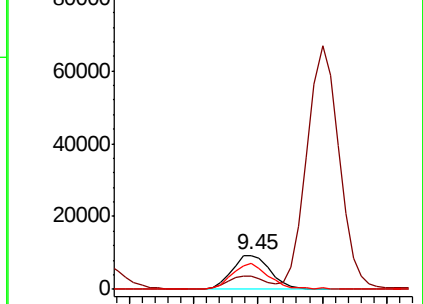
58 72.4 56.3 84.5



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: 51.904 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015412.D

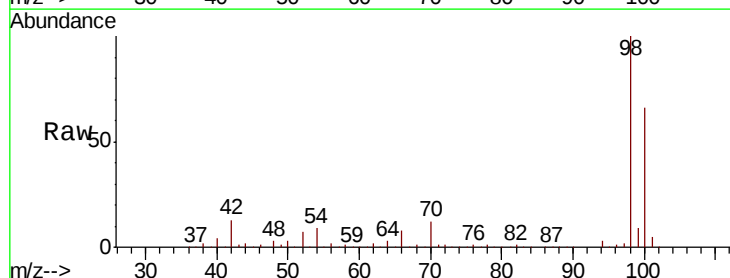
Acq: 06 May 2020 15:44

Tgt Ion: 98 Resp: 461357

Ion Ratio Lower Upper

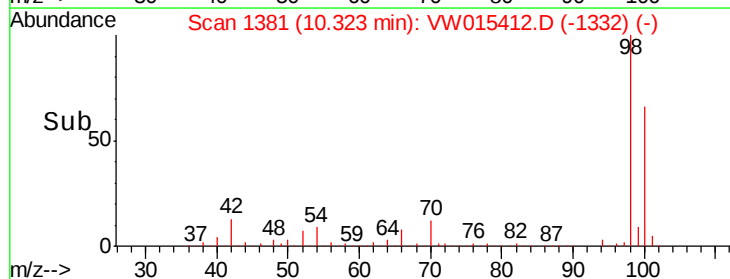
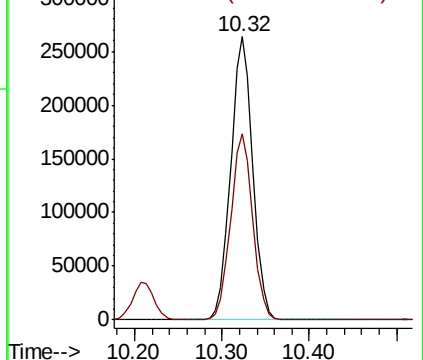
98 100

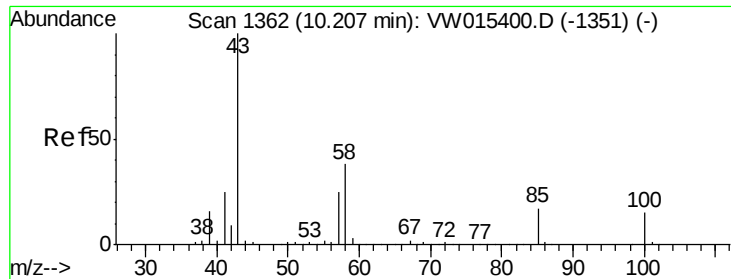
100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

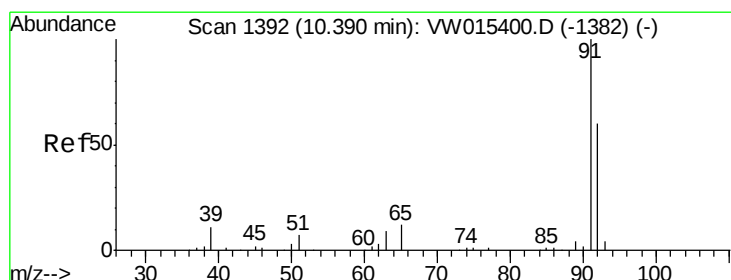
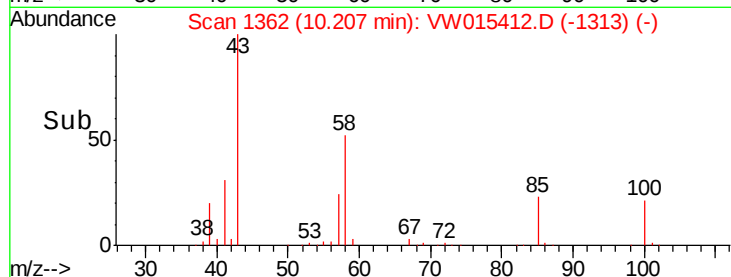
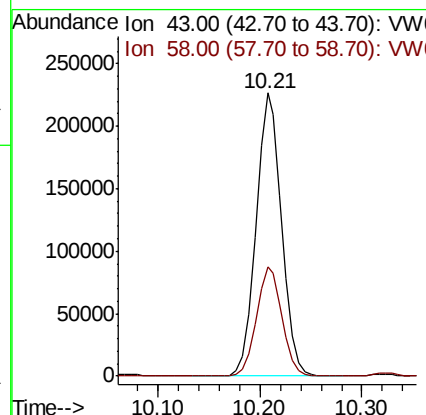
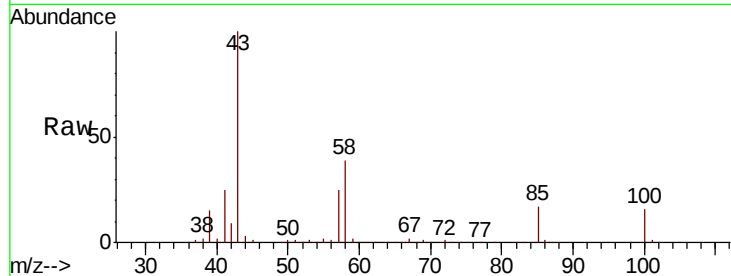




#51
4-Methyl-2-Pentanone
Concen: 279.642 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

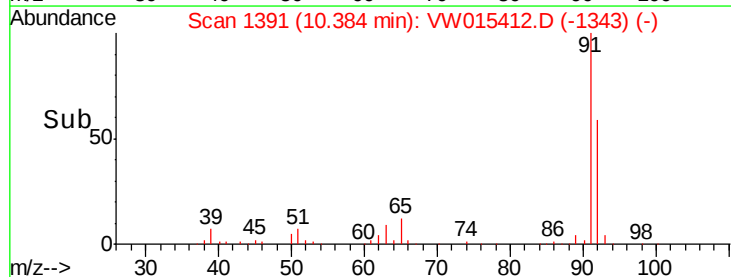
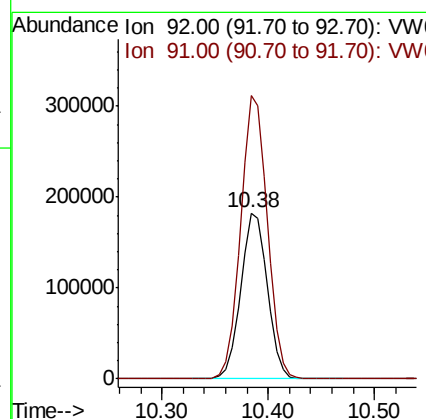
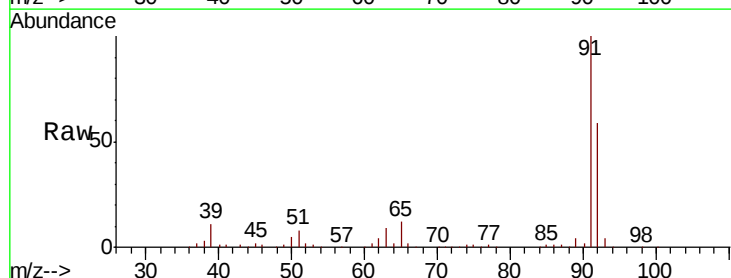
Instrument :
MSVOA_W
ClientSampled :

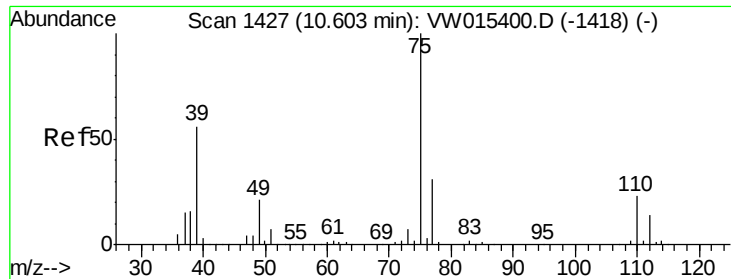
Tot Ion: 43 Resp: 393198
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2



#52
Toluene
Concen: 49.058 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 92 Resp: 319674
Ion Ratio Lower Upper
92 100
91 171.7 135.9 203.9

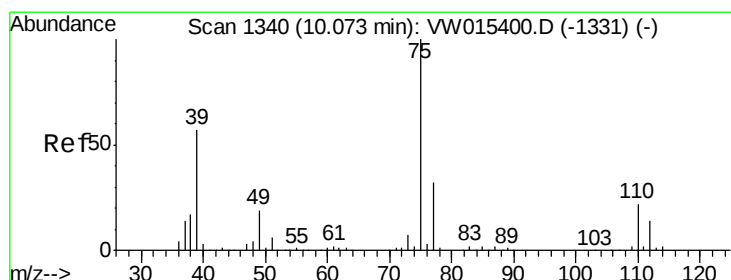
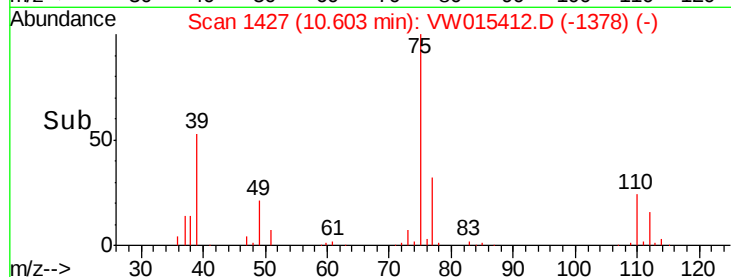
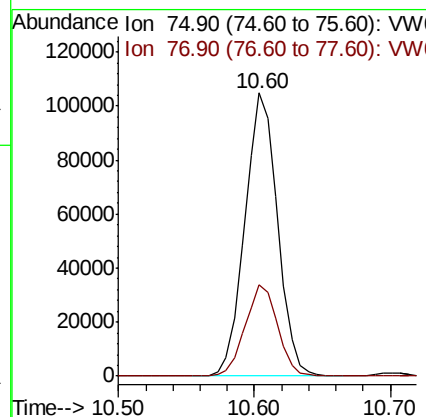
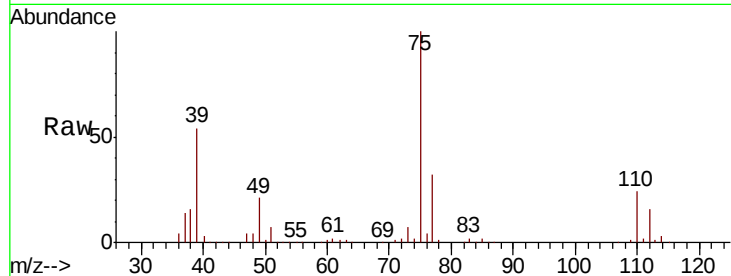




#53
 t-1,3-Dichloropropene
 Concen: 51.387 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

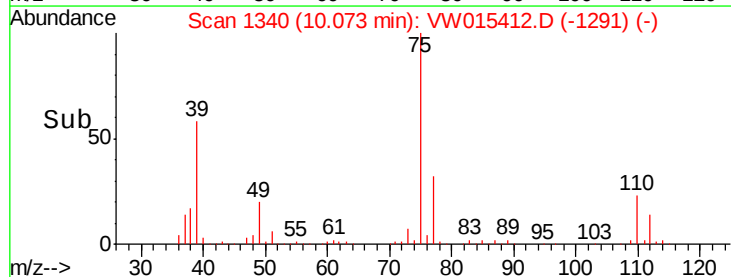
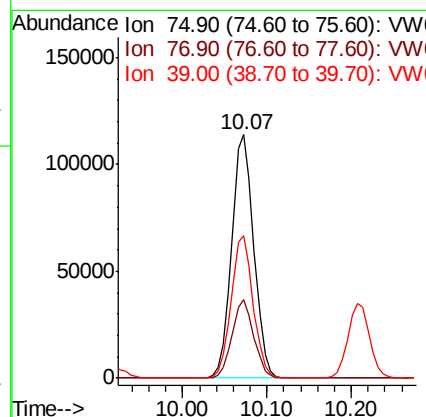
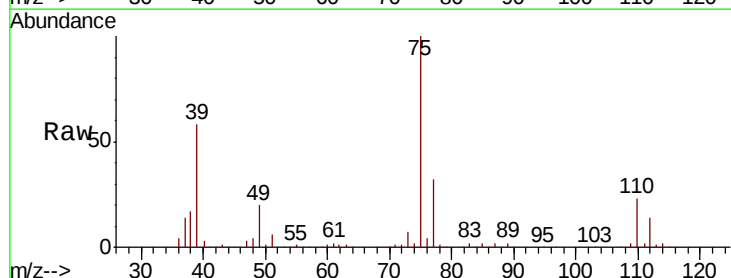
Instrument :
 MSVOA_W
 ClientSampled :

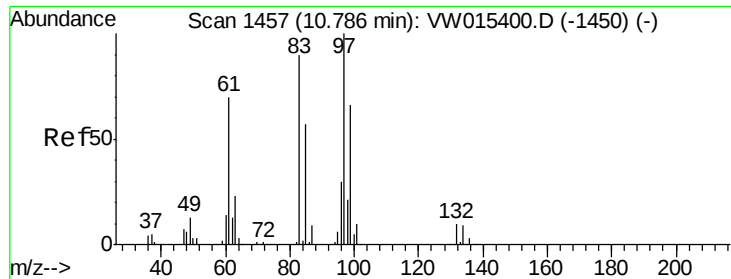
Tot Ion: 75 Resp: 176116
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.494 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 75 Resp: 203765
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4
 39 58.3 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 50.524 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 88023

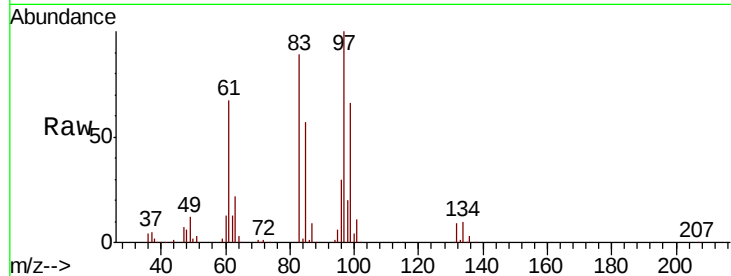
Ion	Ratio	Lower	Upper
97	100		
83	88.7	72.2	108.4
85	56.8	45.2	67.8
99	65.8	52.6	78.8

97 100

83 88.7 72.2 108.4

85 56.8 45.2 67.8

99 65.8 52.6 78.8



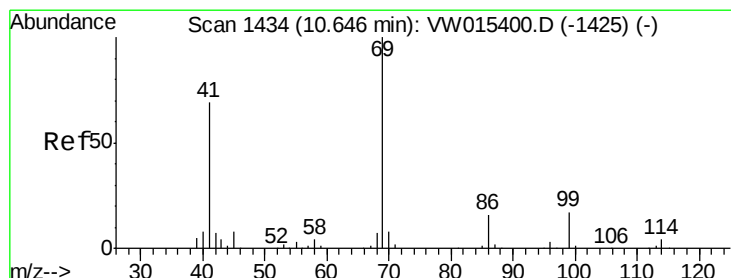
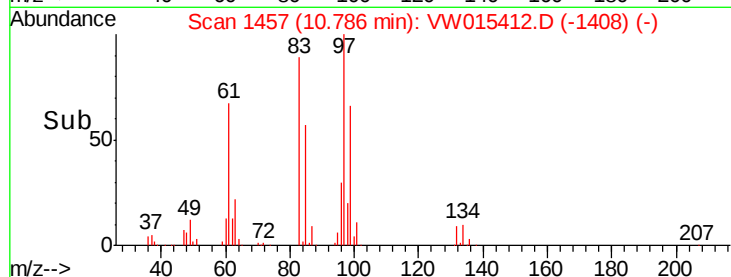
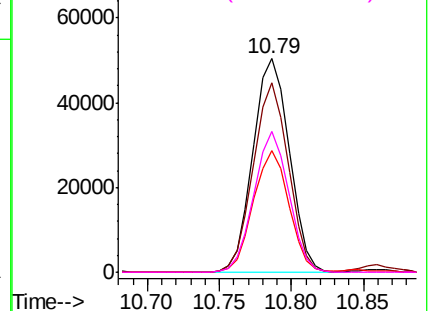
Abundance

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: 53.251 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

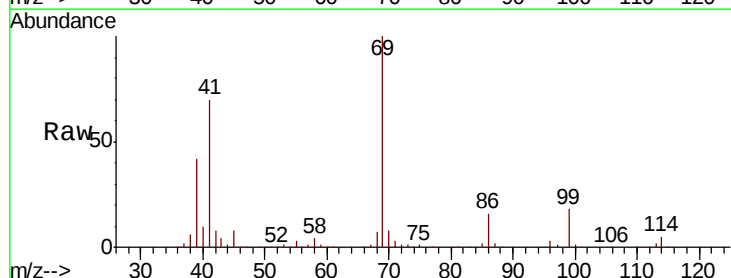
Tgt Ion: 69 Resp: 127470

Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.3	82.9
39	40.1	31.9	47.9

69 100

41 70.2 55.3 82.9

39 40.1 31.9 47.9

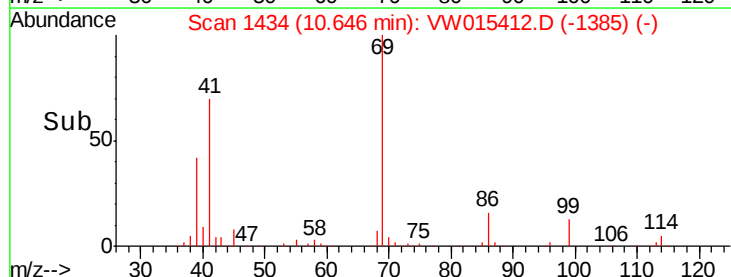
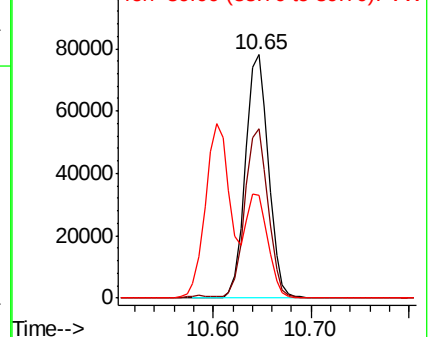


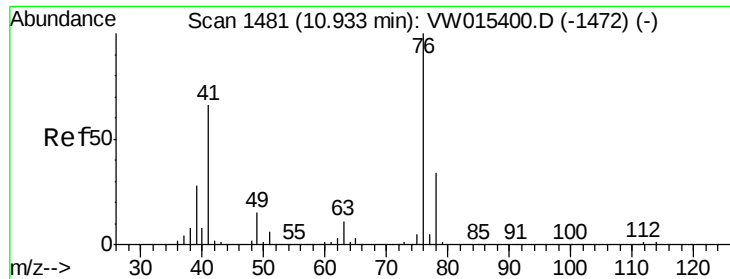
Abundance

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

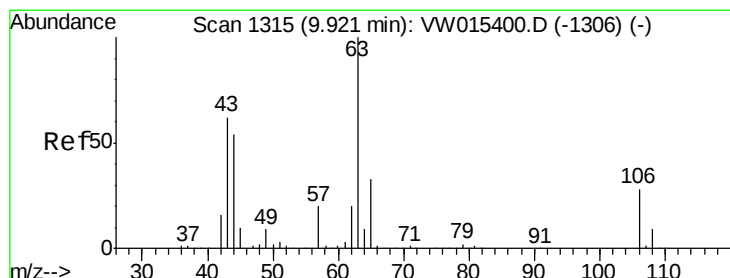
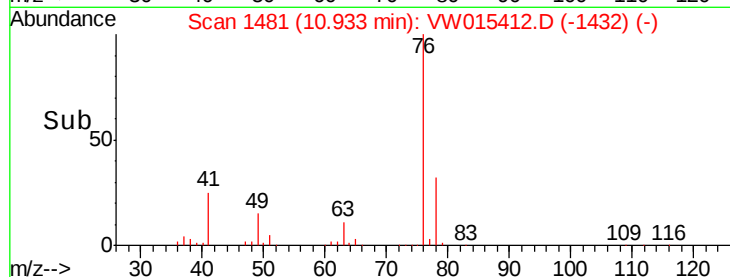
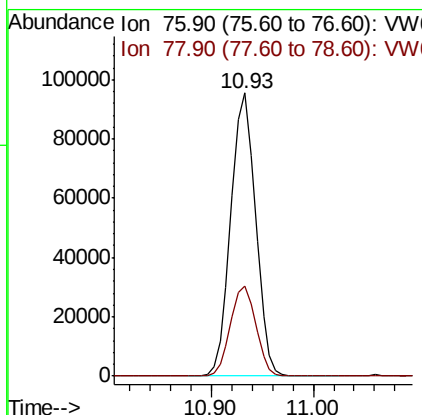
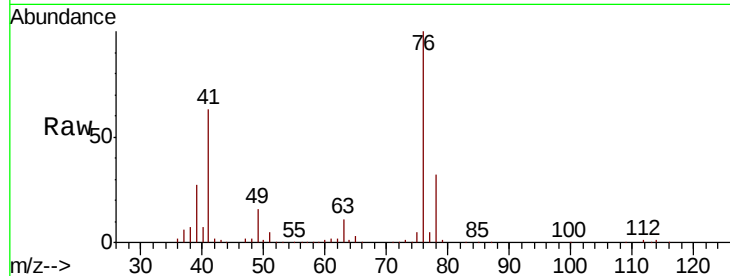




#57
 1,3-Dichloropropane
 Concen: 51.290 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

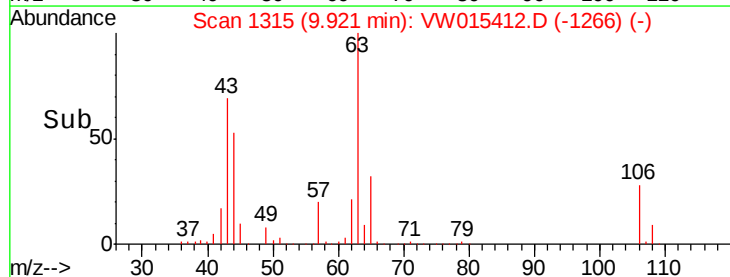
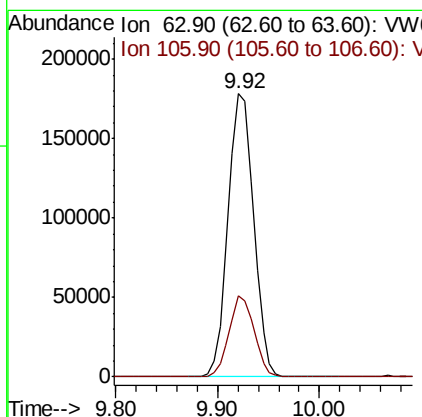
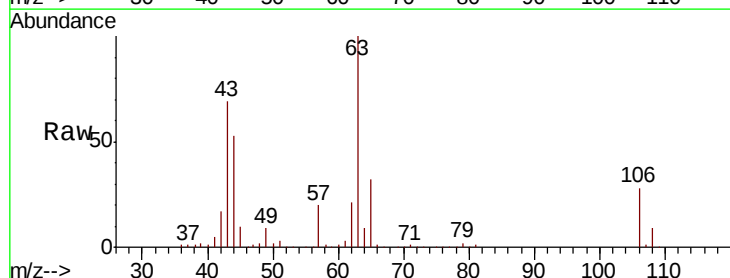
Instrument :
 MSVOA_W
 ClientSampled :

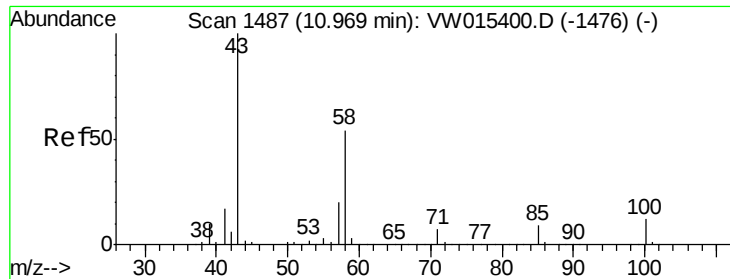
Tot Ion: 76 Resp: 160663
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.308 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 63 Resp: 310133
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8

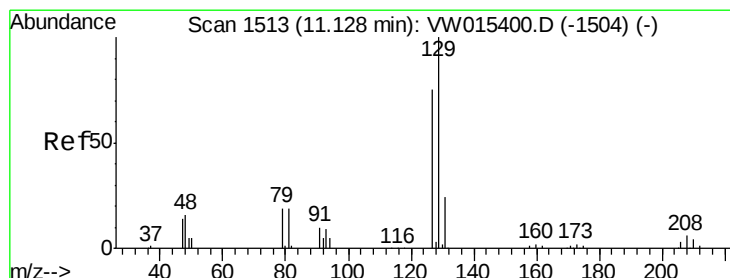
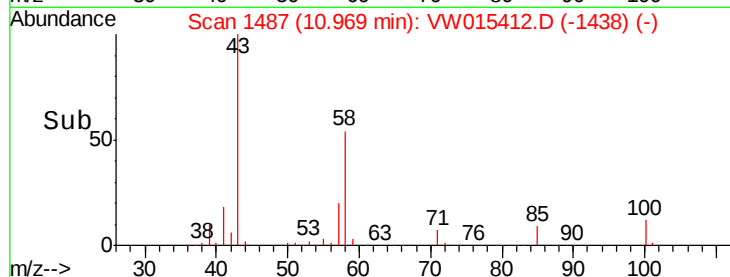
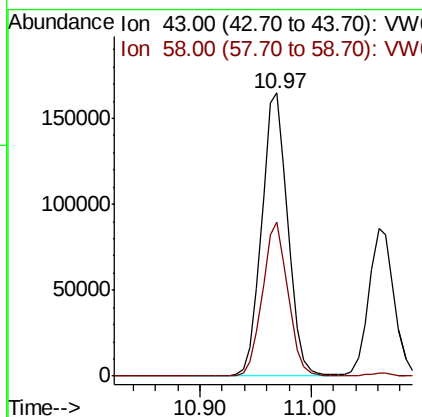
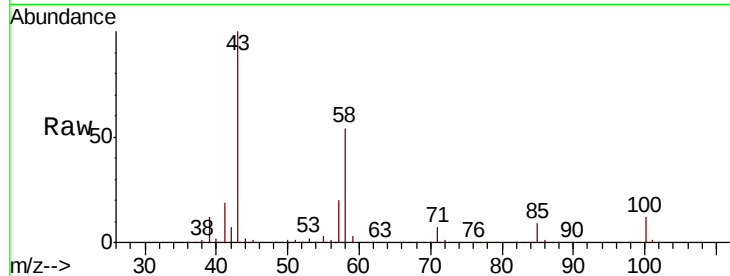




#59
2-Hexanone
Concen: 283.419 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

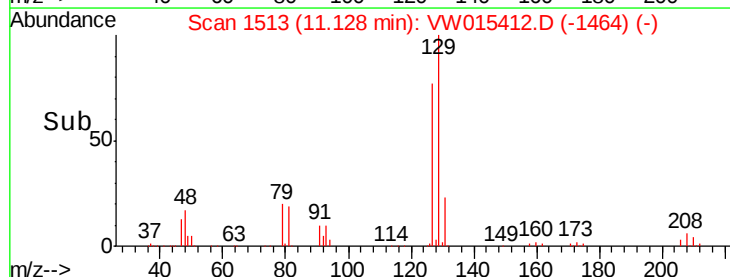
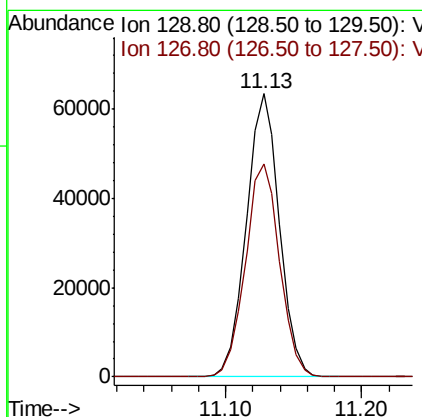
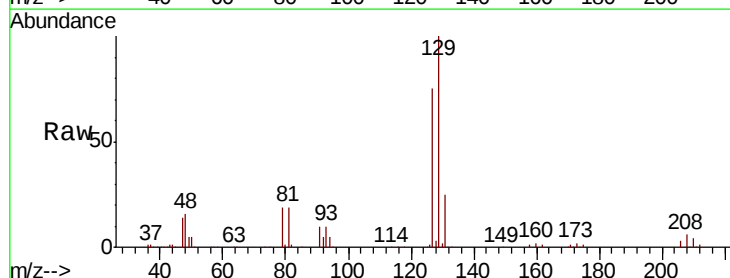
Instrument :
MSVOA_W
ClientSampleId :

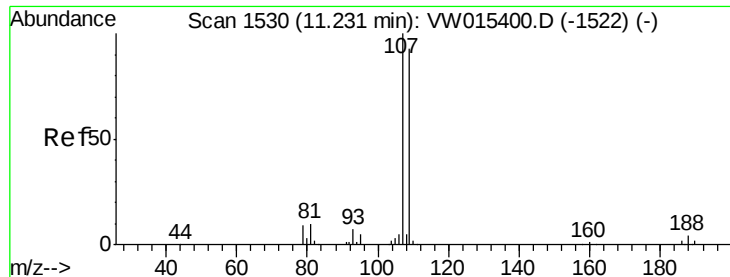
Tot Ion: 43 Resp: 269643
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0



#60
Dibromochloromethane
Concen: 51.455 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion: 129 Resp: 107816
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

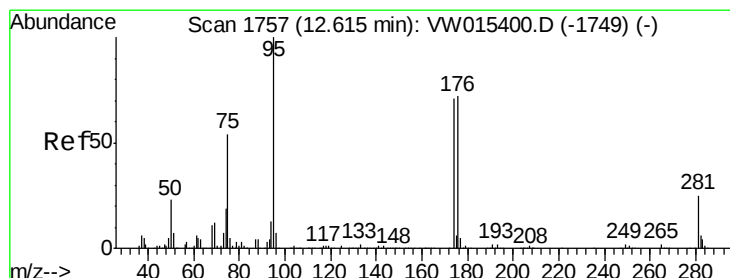
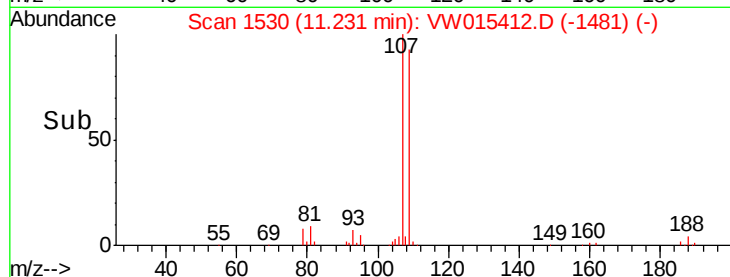
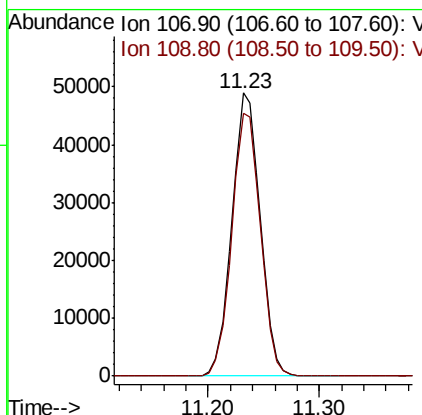
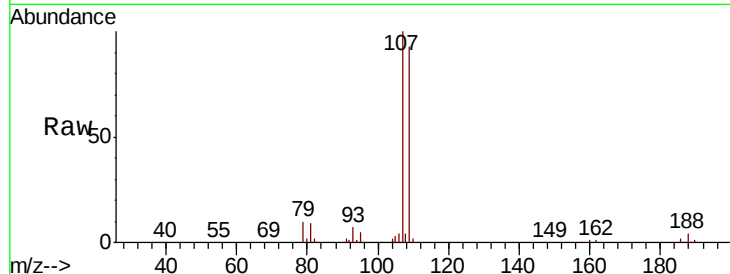




#61
 1,2-Dibromoethane
 Concen: 52.068 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

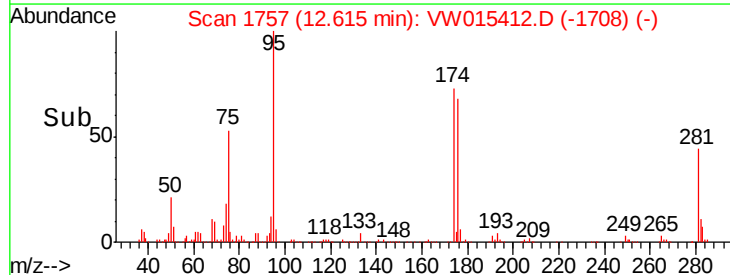
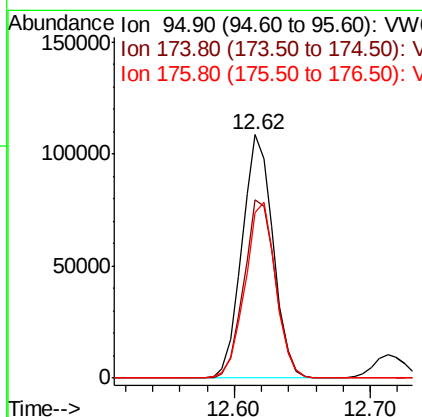
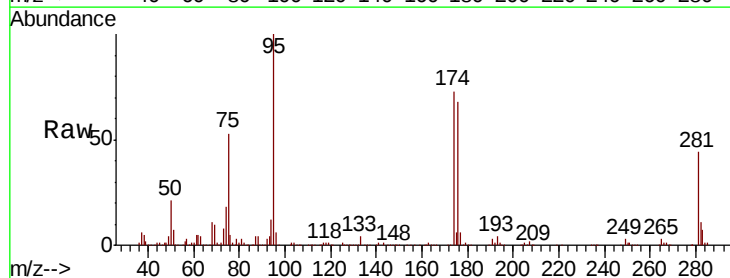
Instrument :
 MSVOA_W
 ClientSampled :

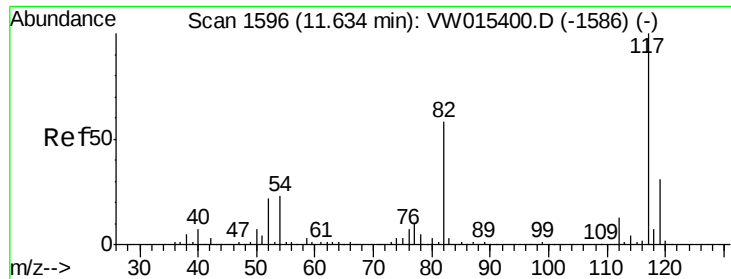
Tot Ion: 107 Resp: 85892
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 52.794 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion: 95 Resp: 173281
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 147.6
 176 71.6 0.0 144.4

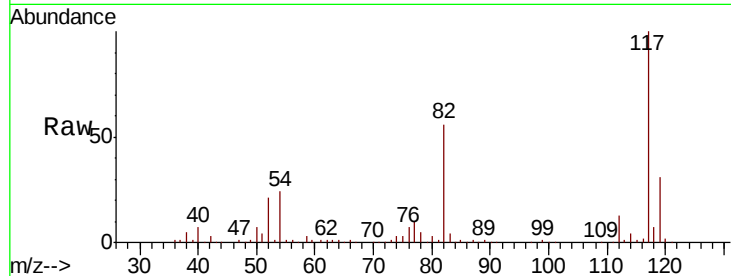




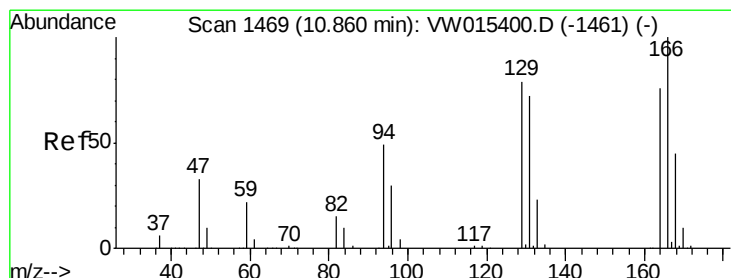
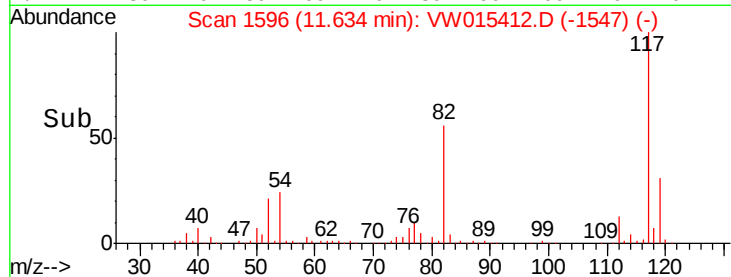
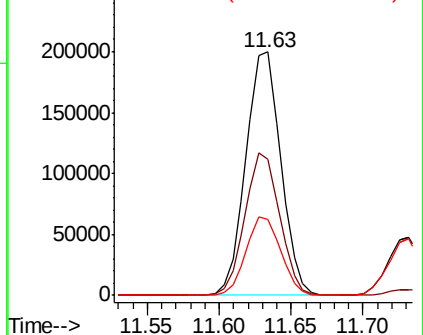
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 336231
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 31.3 24.6 37.0

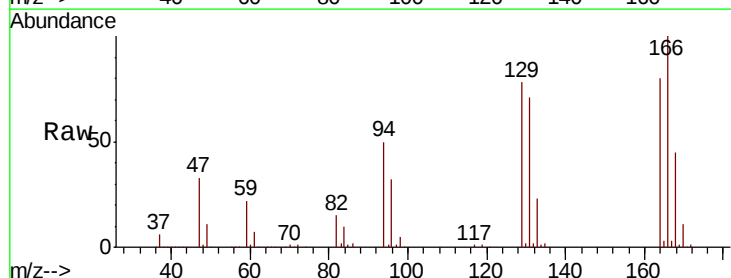


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

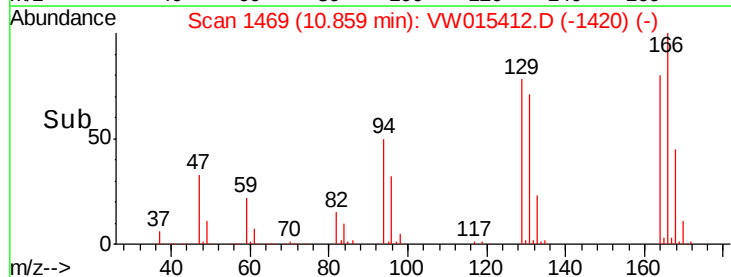
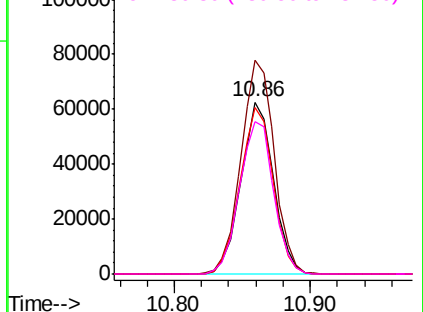


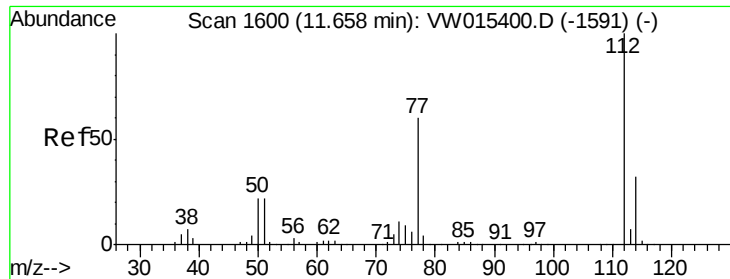
#64
Tetrachloroethene
Concen: 50.812 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:164 Resp: 104426
Ion Ratio Lower Upper
164 100
166 124.2 104.9 157.3
129 97.1 82.7 124.1
131 88.7 75.5 113.3



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

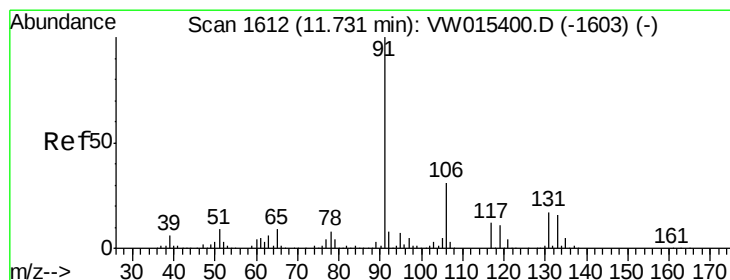
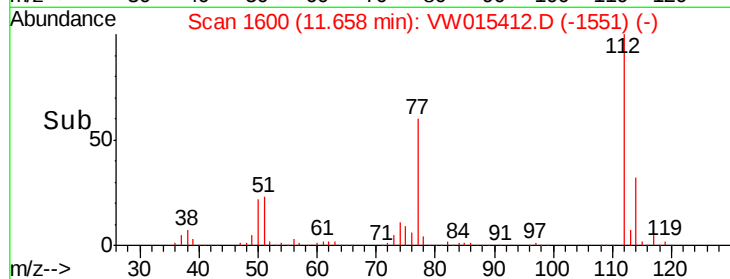
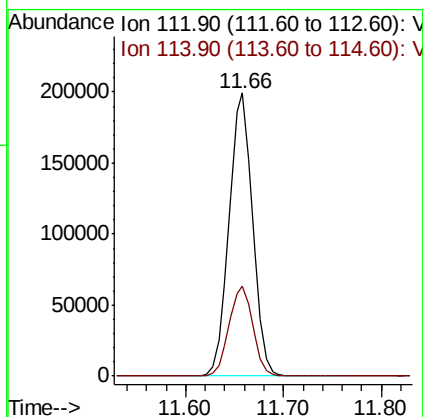
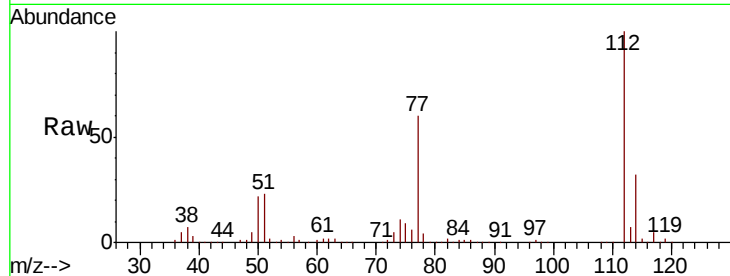




#65
Chlorobenzene
Concen: 50.023 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

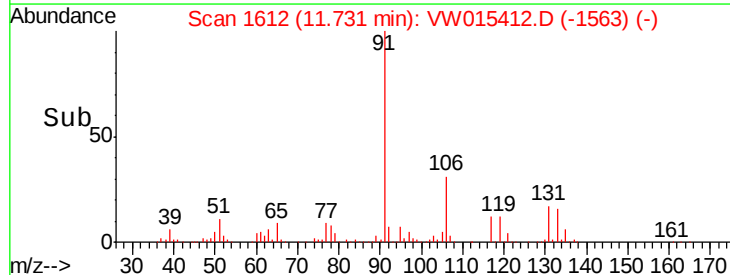
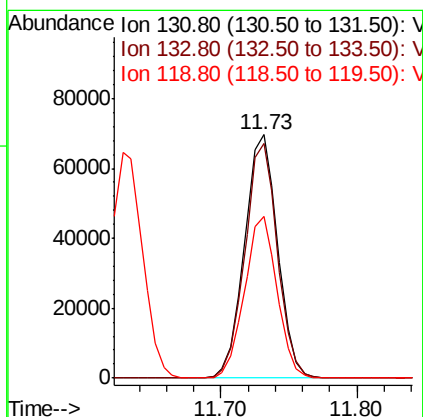
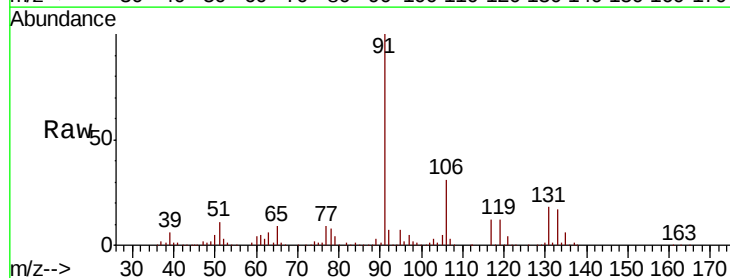
Instrument :
MSVOA_W
ClientSampleId :

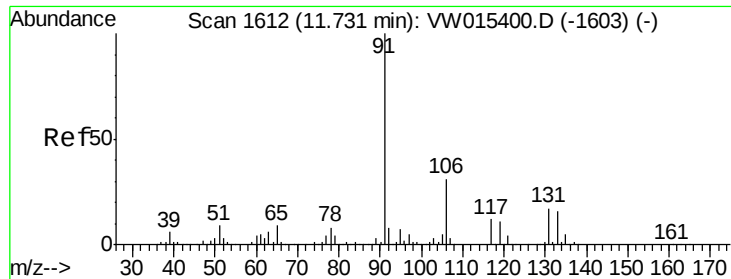
Tot Ion:112 Resp: 331619
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.392 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:131 Resp: 118443
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 65.3 33.0 99.0

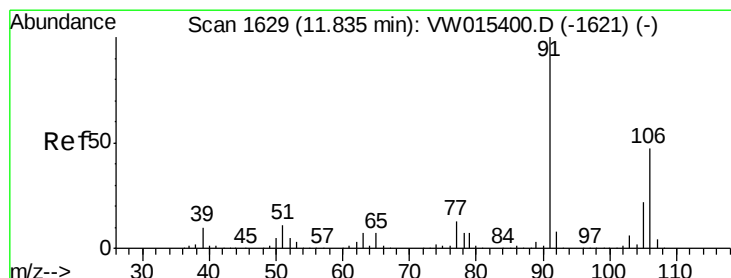
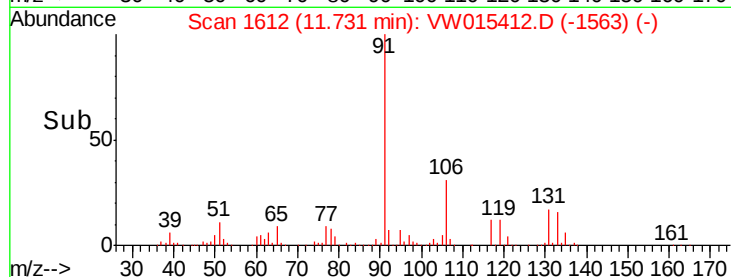
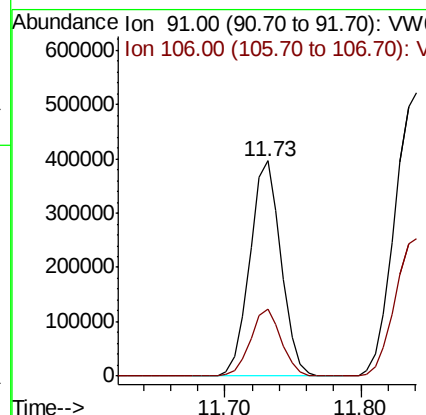
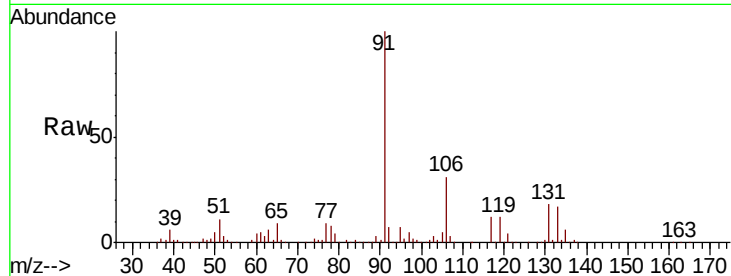




#67
Ethyl Benzene
Concen: 50.045 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

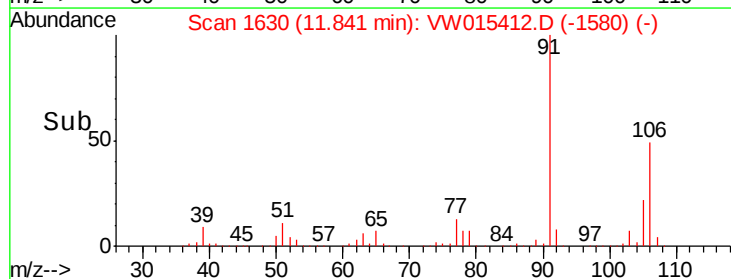
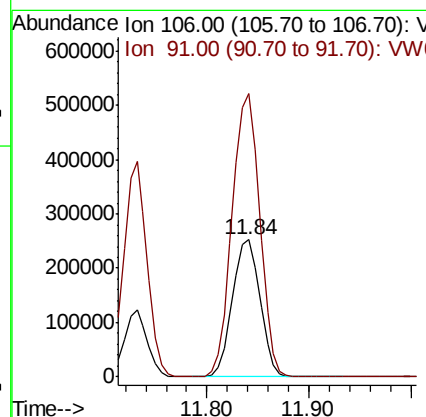
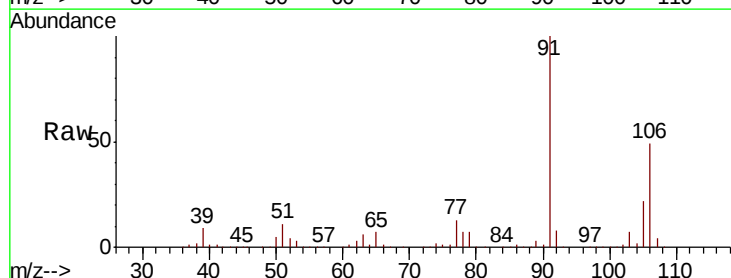
Instrument :
MSVOA_W
ClientSampled :

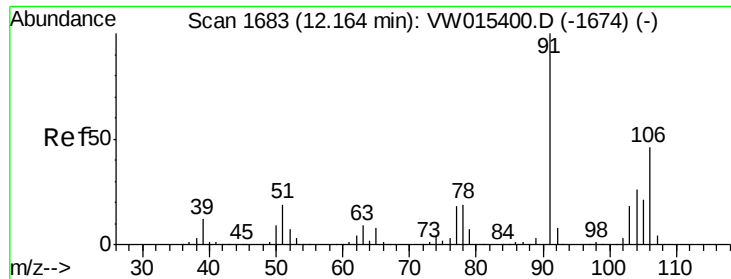
Tot Ion: 91 Resp: 635022
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 100.420 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:106 Resp: 473749
Ion Ratio Lower Upper
106 100
91 206.2 165.7 248.5

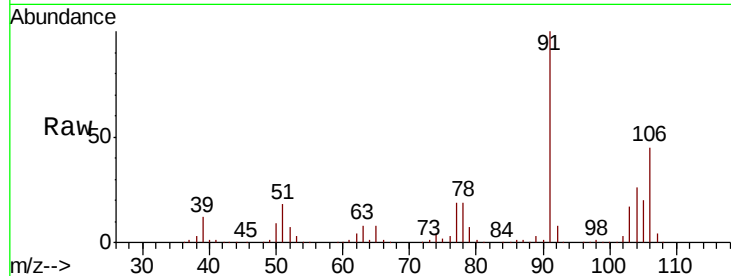




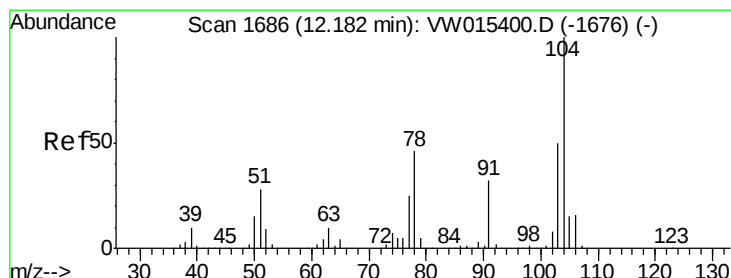
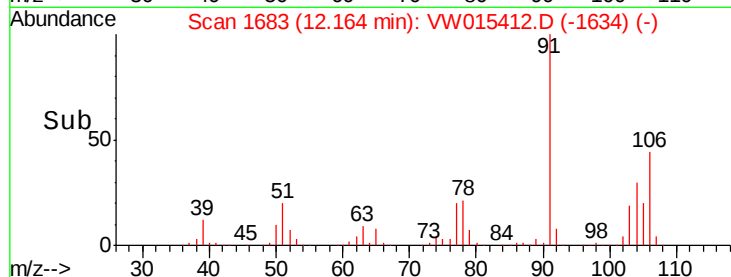
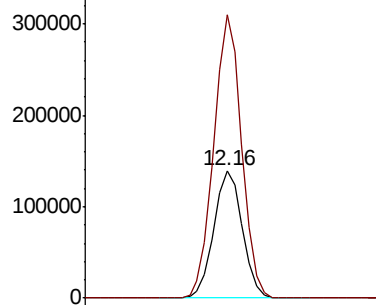
#69
o-Xylene
Concen: 50.827 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 225325
Ion Ratio Lower Upper
106 100
91 216.5 109.0 327.0

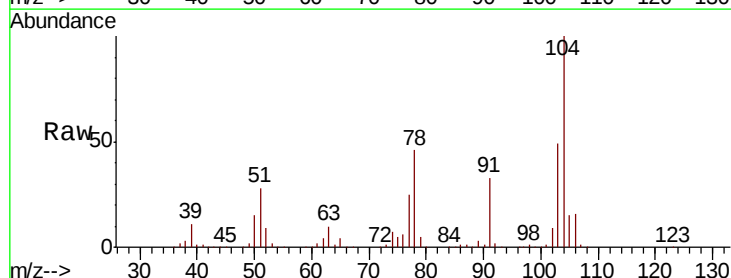


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

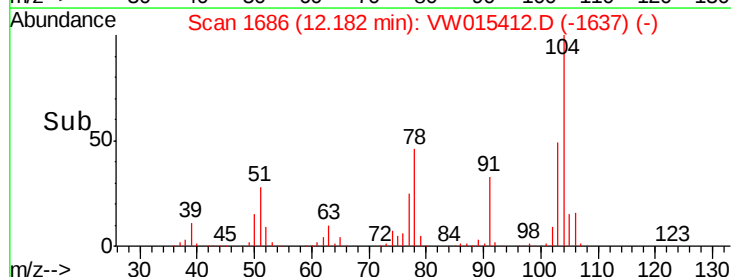
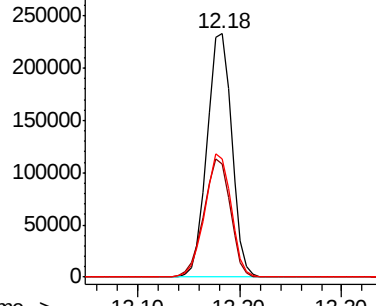


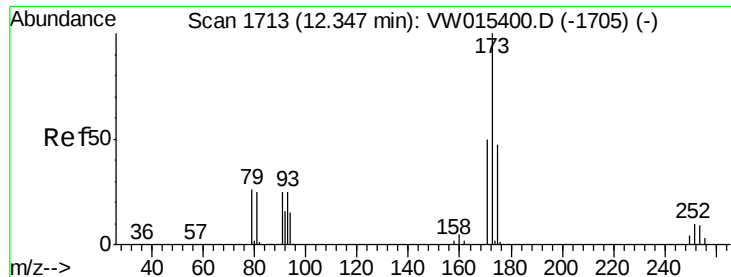
#70
Styrene
Concen: 50.902 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:104 Resp: 388649
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.0 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: 54.593 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

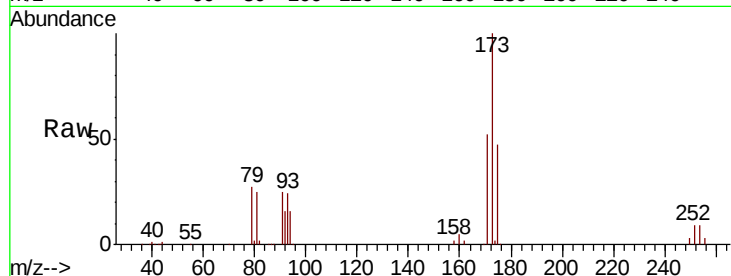
Tot Ion:173 Resp: 62578

Ion Ratio Lower Upper

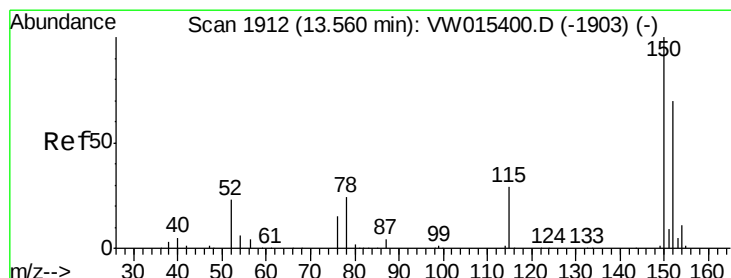
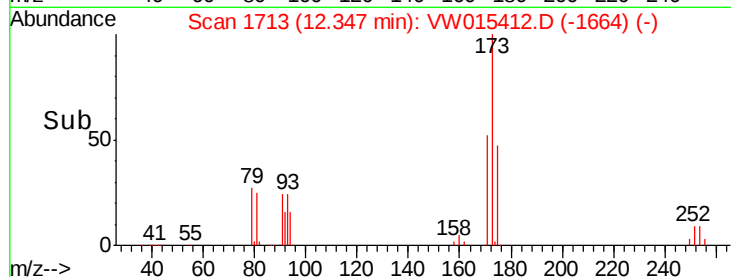
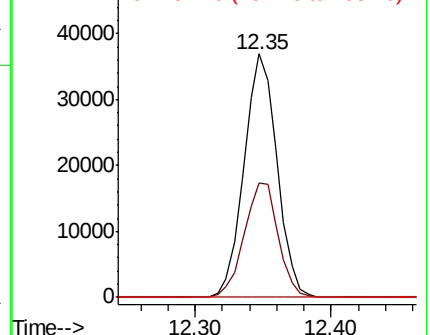
173 100

175 48.4 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: VW015412.D

Acq: 06 May 2020 15:44

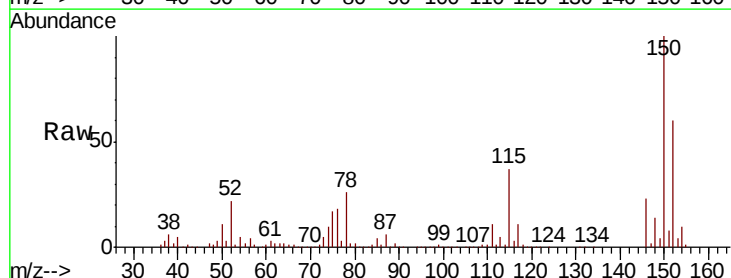
Tgt Ion:152 Resp: 168070

Ion Ratio Lower Upper

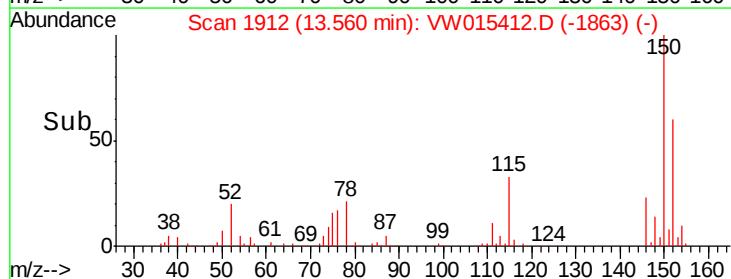
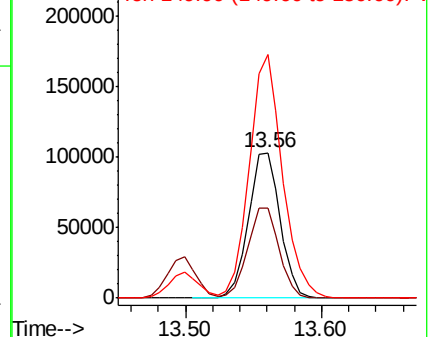
152 100

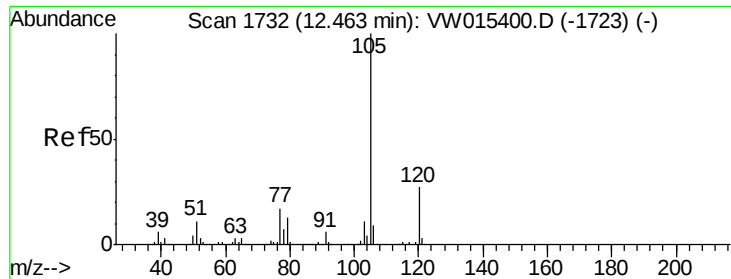
115 61.7 30.3 90.8

150 175.1 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: 50.686 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

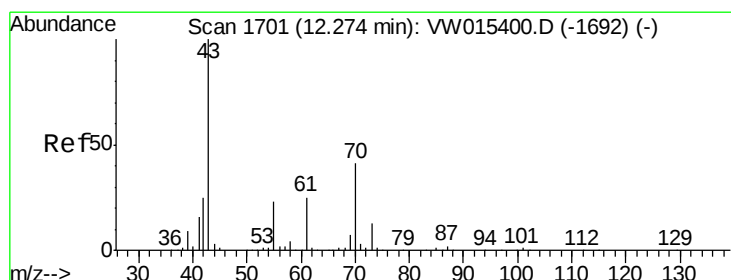
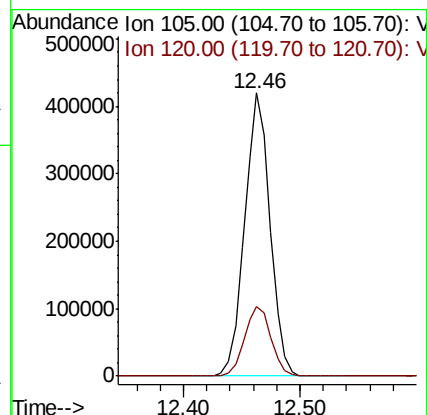
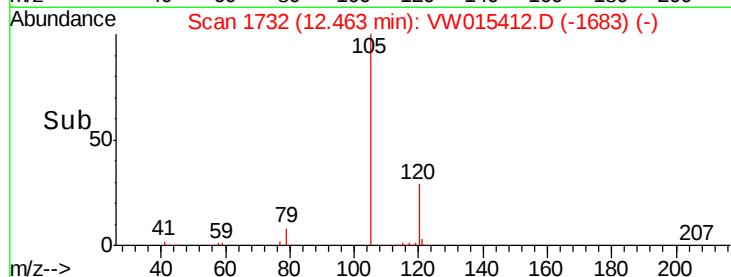
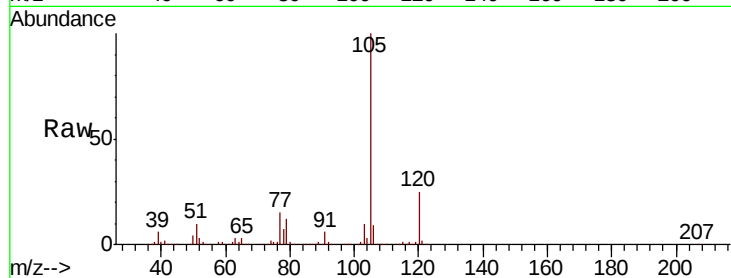
ClientSampleId :

Tot Ion:105 Resp: 635987

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.3



#74

N-ethyl acetate

Concen: 53.022 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Tgt Ion: 43 Resp: 157262

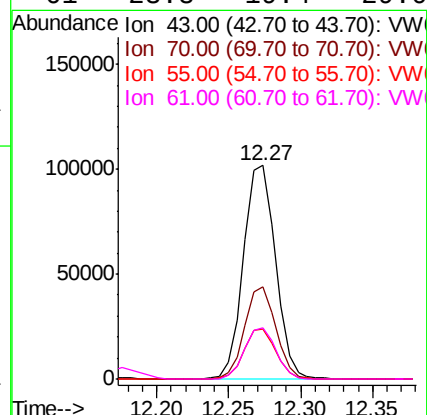
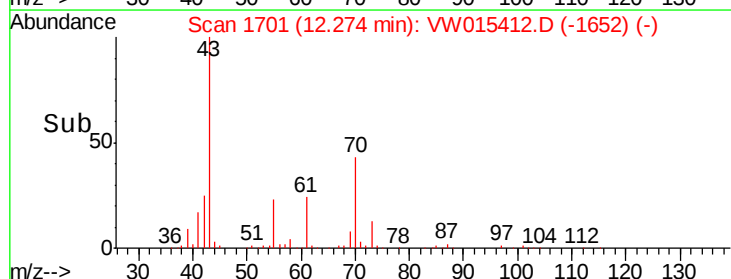
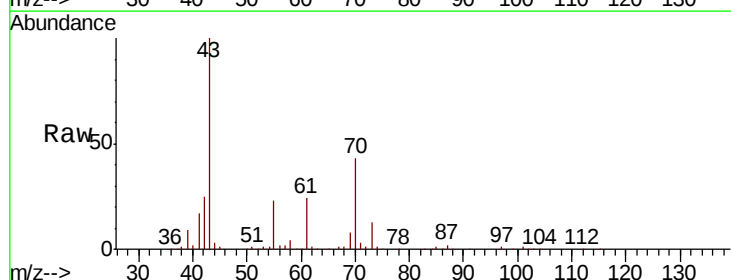
Ion Ratio Lower Upper

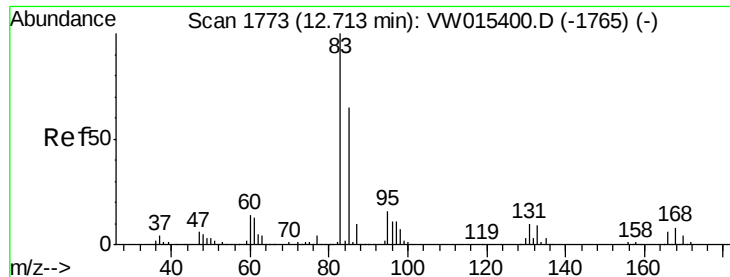
43 100

70 42.1 33.4 50.0

55 23.4 18.9 28.3

61 23.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.752 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

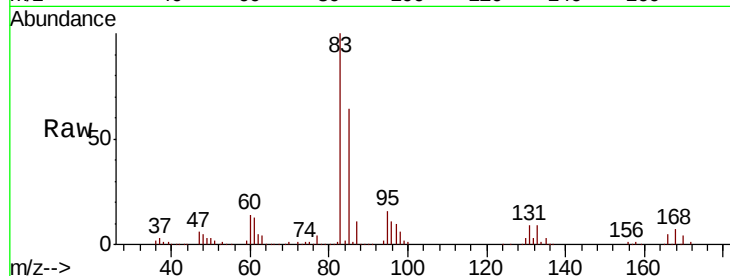
Tot Ion: 83 Resp: 105509

Ion Ratio Lower Upper

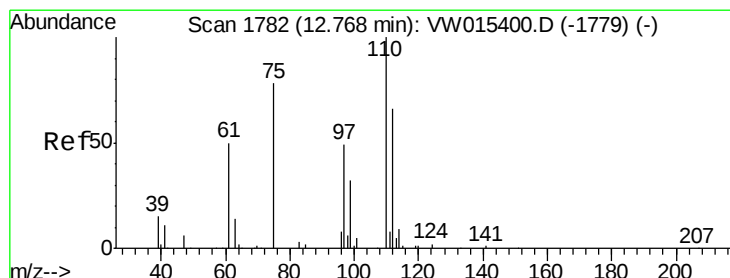
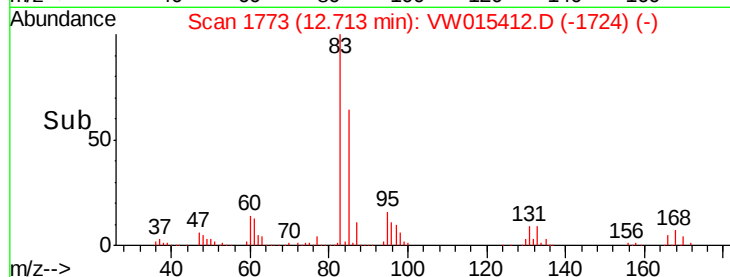
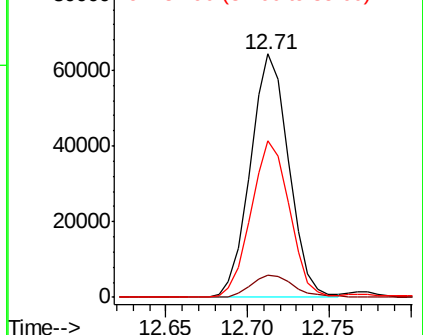
83 100

131 10.2 5.1 15.2

85 64.3 32.2 96.6



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



#76

1,2,3-Trichloropropane

Concen: 103.462 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015412.D

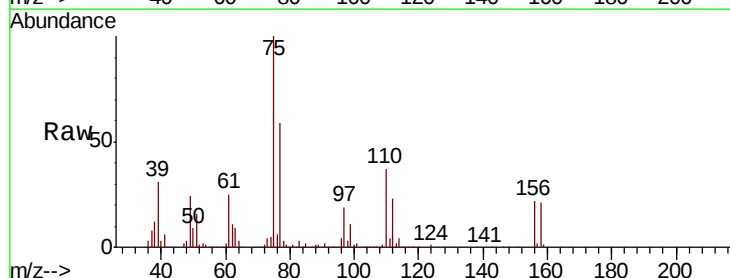
Acq: 06 May 2020 15:44

Tgt Ion: 75 Resp: 143049

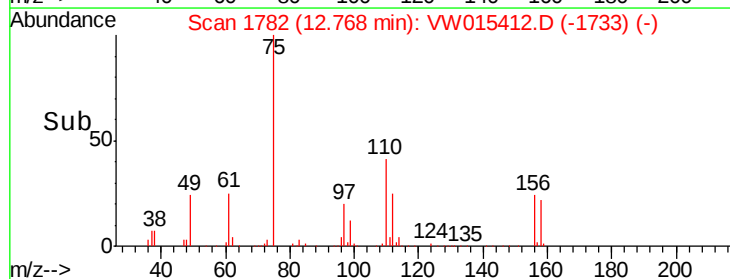
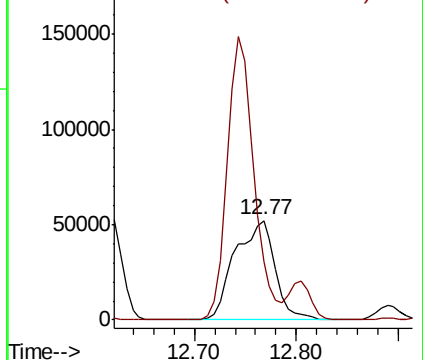
Ion Ratio Lower Upper

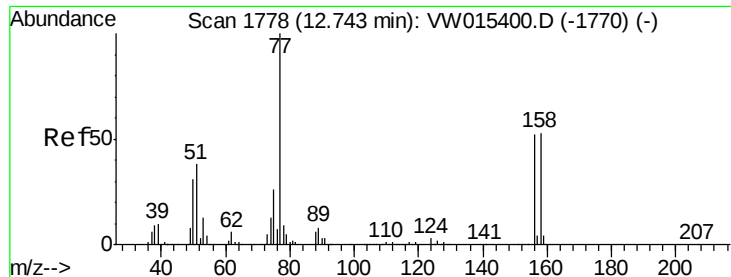
75 100

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: 50.772 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

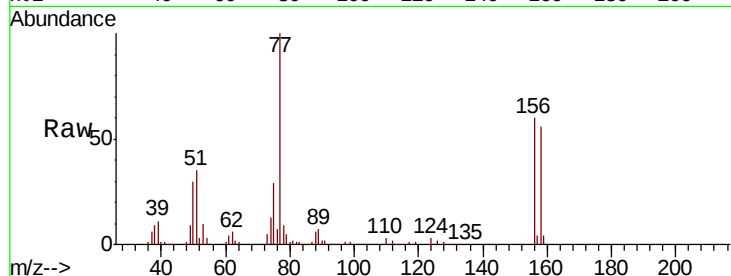
Tot Ion:156 Resp: 135007

Ion Ratio Lower Upper

156 100

77 199.9 101.8 305.6

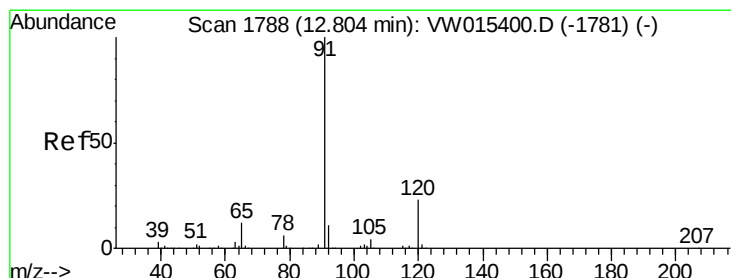
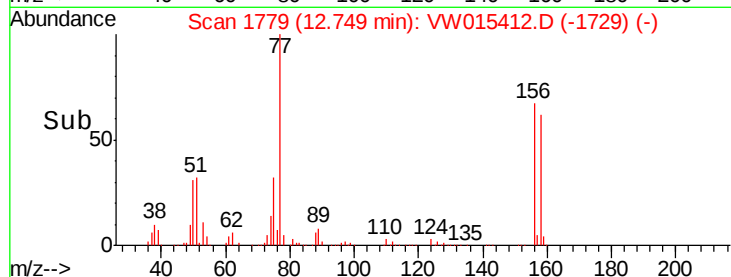
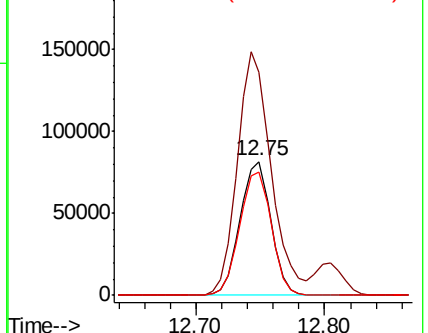
158 94.7 48.3 144.8



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: 50.307 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015412.D

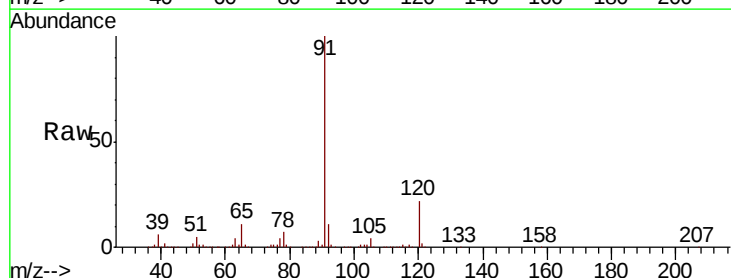
Acq: 06 May 2020 15:44

Tgt Ion: 91 Resp: 757328

Ion Ratio Lower Upper

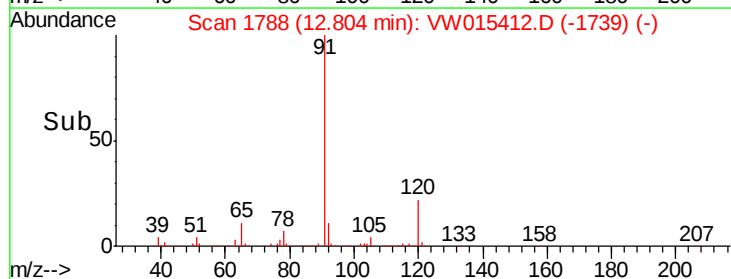
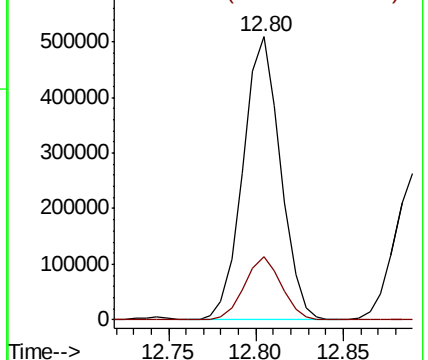
91 100

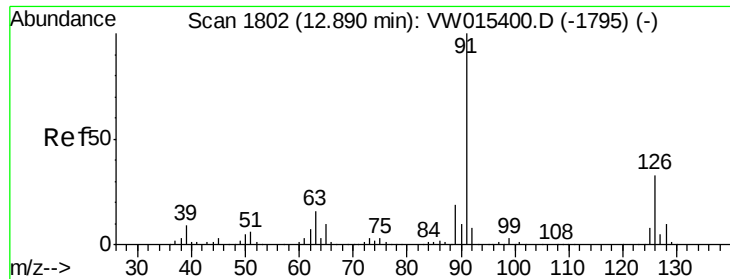
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

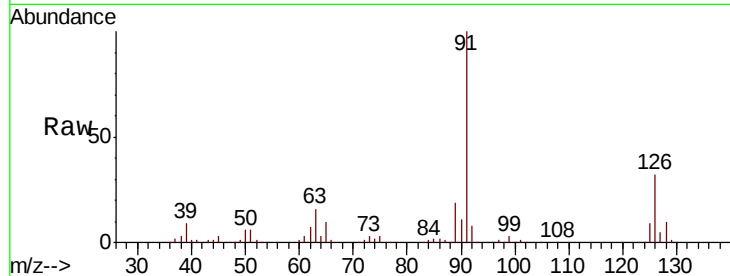




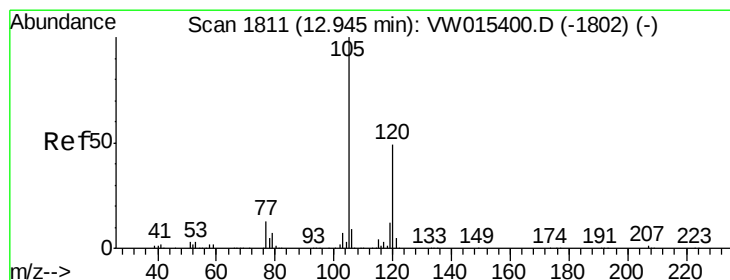
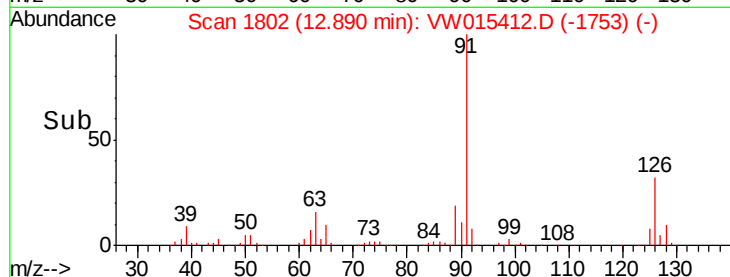
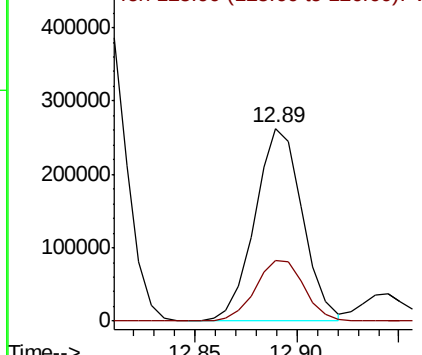
#79
 2-Chlorotoluene
 Concen: 50.040 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 91 Resp: 424640
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.2

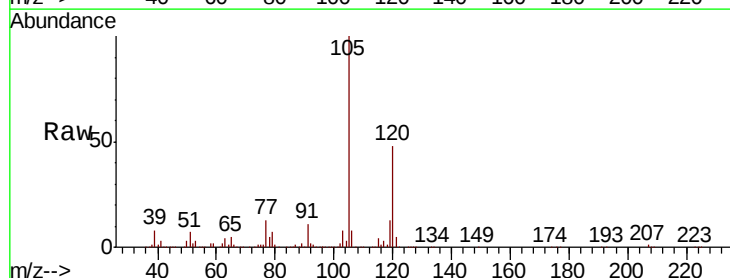


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

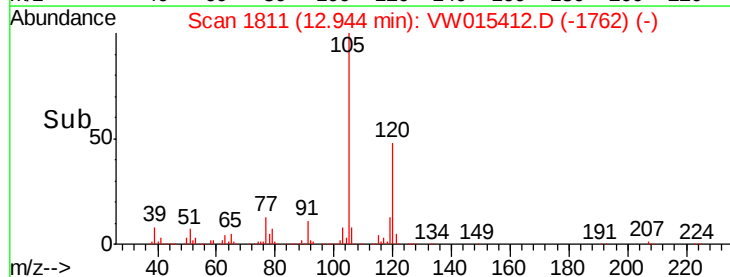
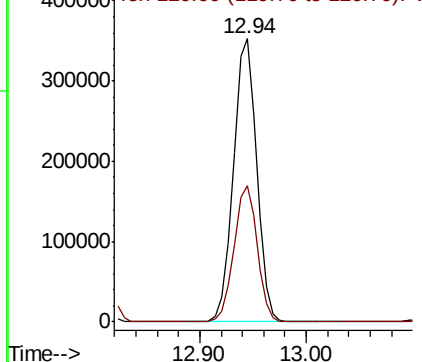


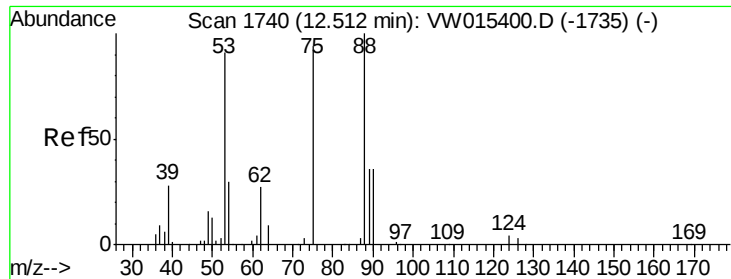
#80
 1,3,5-Trimethylbenzene
 Concen: 51.087 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion:105 Resp: 539938
 Ion Ratio Lower Upper
 105 100
 120 48.1 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: 54.478 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampleId :

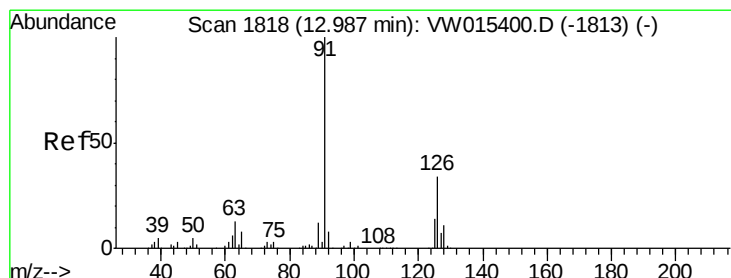
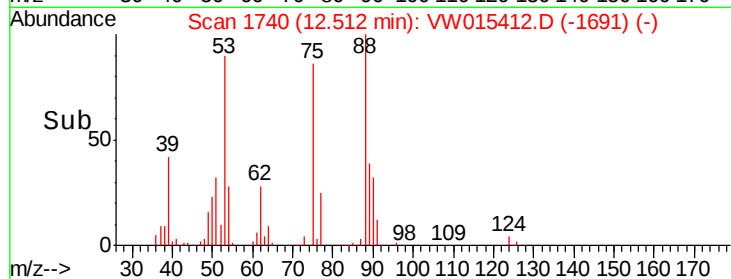
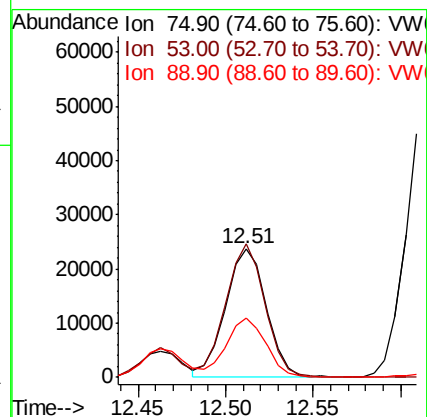
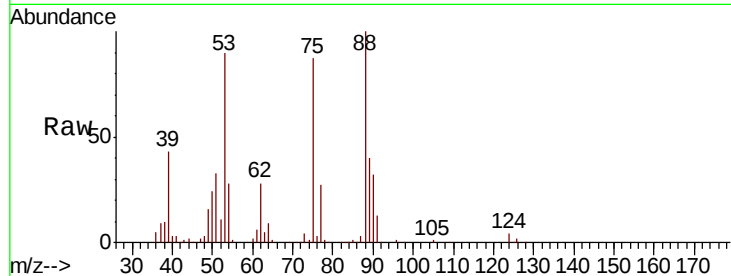
Tot Ion: 75 Resp: 38080

Ion Ratio Lower Upper

75 100

53 101.1 82.5 123.7

89 44.9 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.616 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015412.D

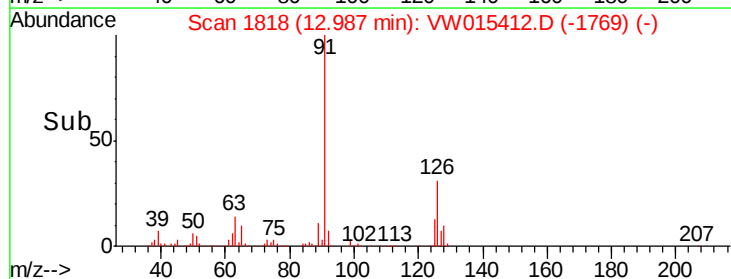
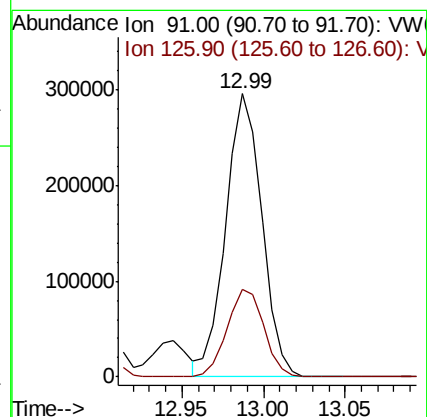
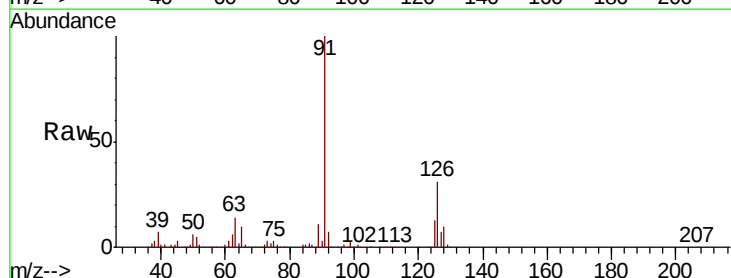
Acq: 06 May 2020 15:44

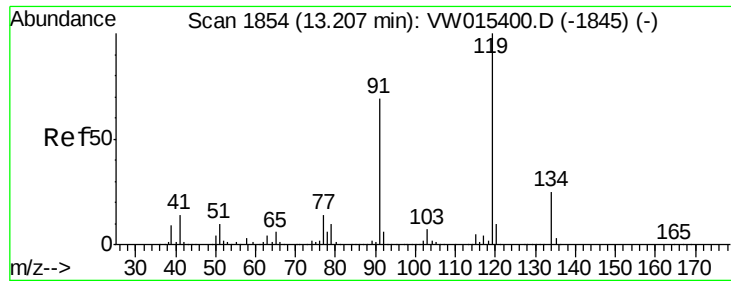
Tgt Ion: 91 Resp: 455201

Ion Ratio Lower Upper

91 100

126 31.6 16.0 47.9

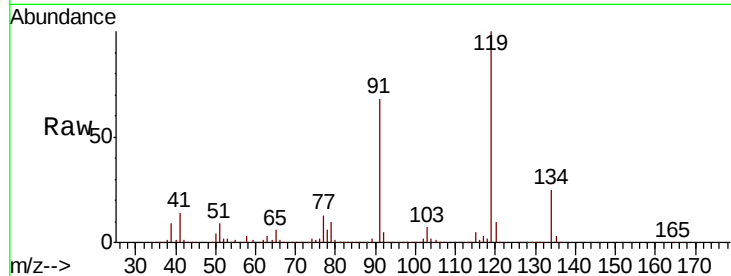




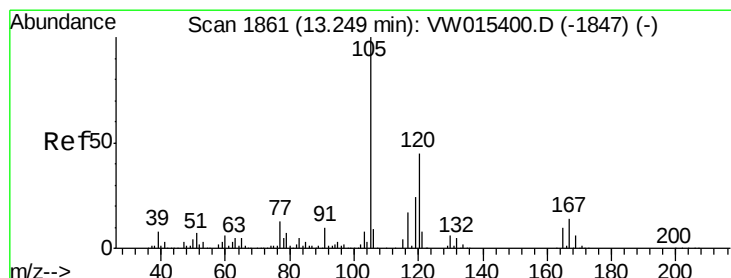
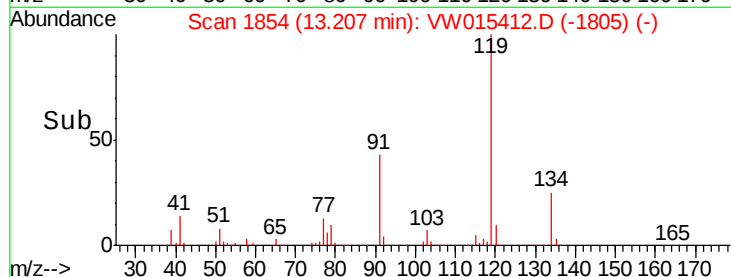
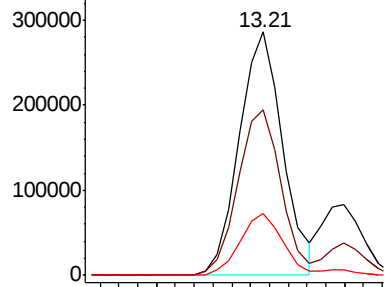
#83
tert-Butylbenzene
Concen: 50.871 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 458769
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.4
134 25.1 12.3 36.9

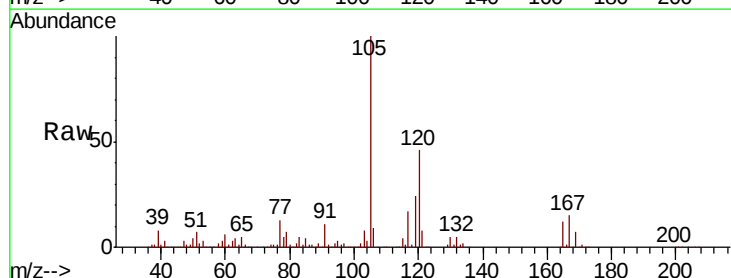


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

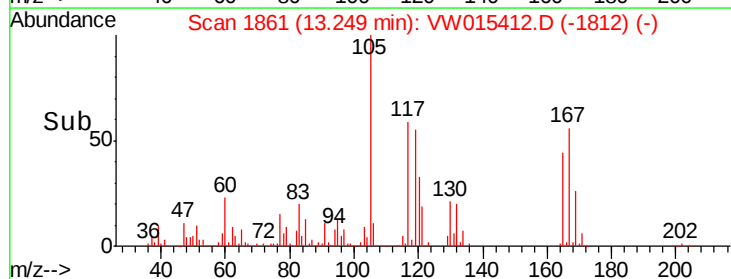
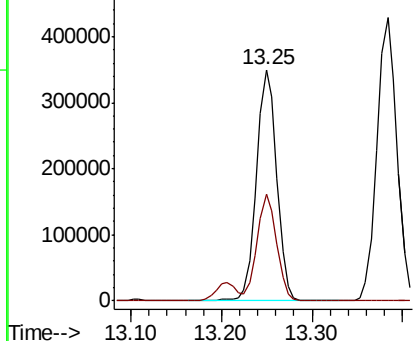


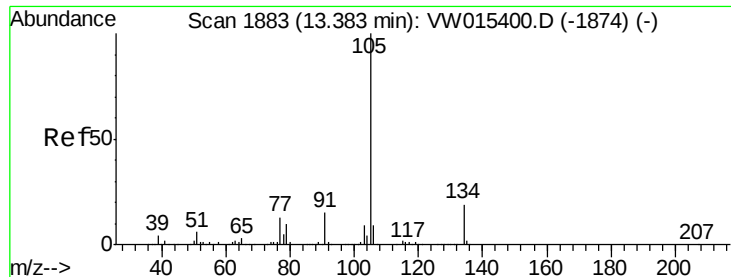
#84
1,2,4-Trimethylbenzene
Concen: 51.029 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion:105 Resp: 539542
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0



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





#85

sec-Butylbenzene

Concen: 51.357 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

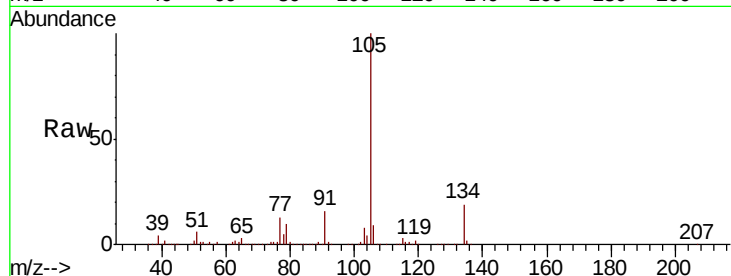
ClientSampleId :

Tot Ion:105 Resp: 652576

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

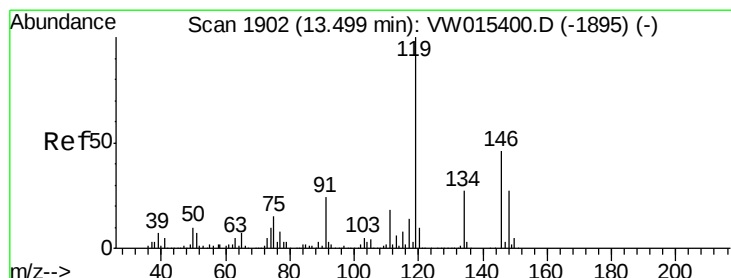
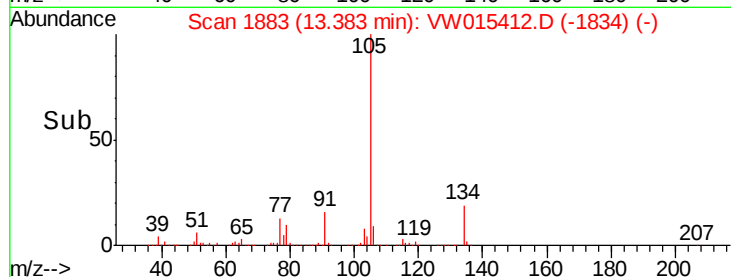
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.525 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

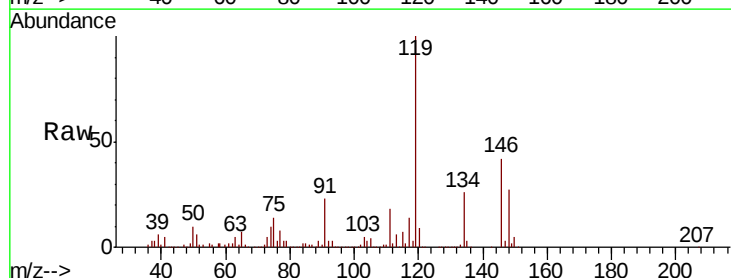
Tgt Ion:119 Resp: 597126

Ion Ratio Lower Upper

119 100

134 26.3 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

13.50

400000

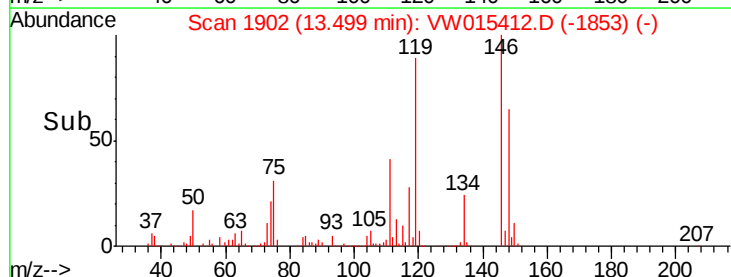
300000

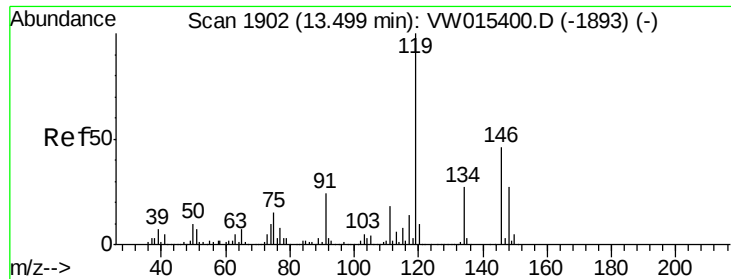
200000

100000

0

Time-->

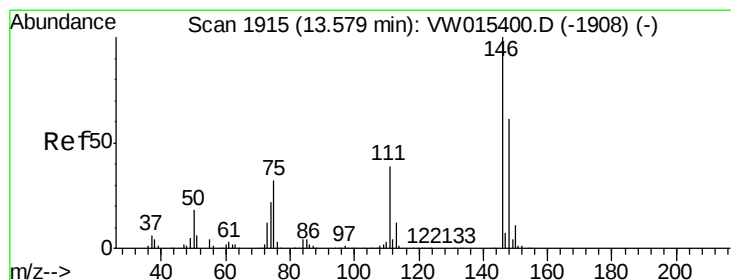
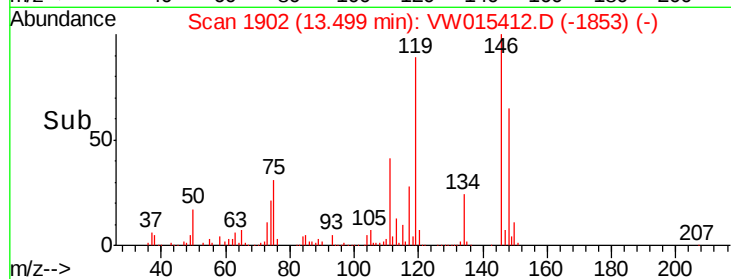
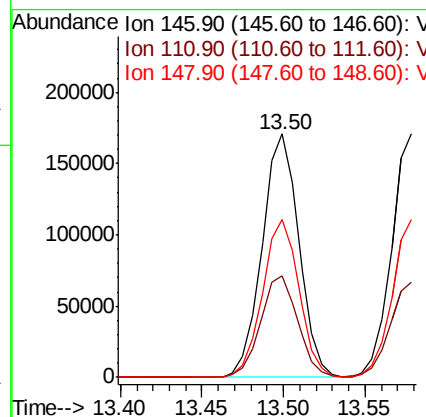
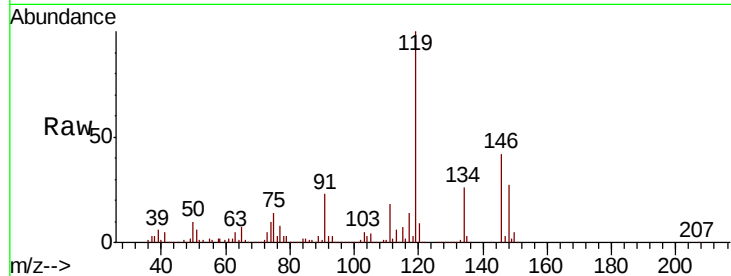




#87
 1,3-Dichlorobenzene
 Concen: 50.582 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

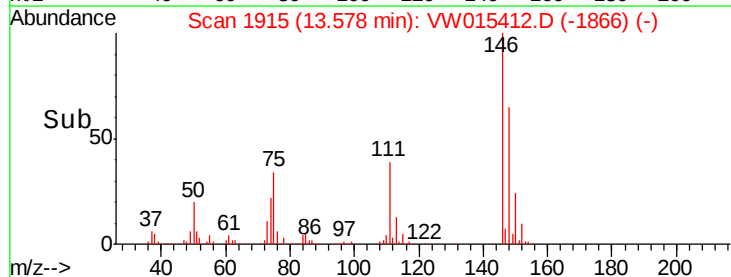
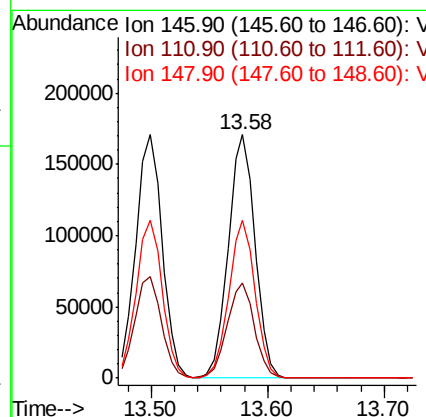
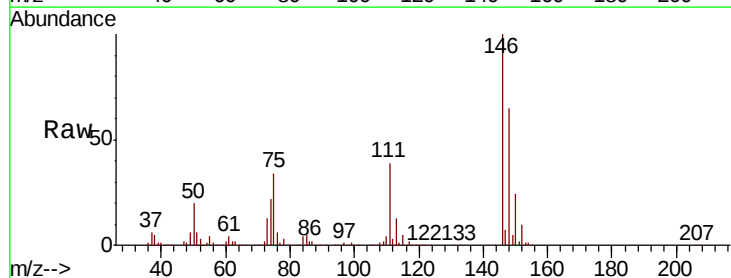
Instrument :
 MSVOA_W
 ClientSampled :

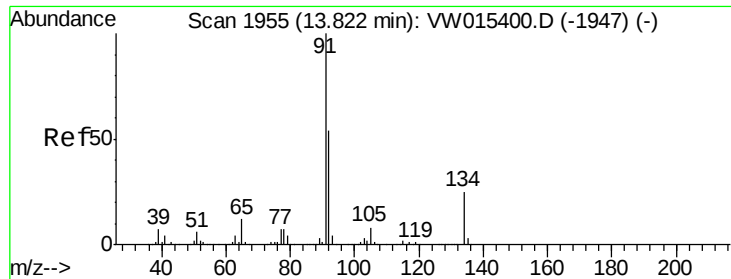
Tot Ion:146 Resp: 267920
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.5
 148 64.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 51.617 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion:146 Resp: 270770
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 63.8 31.4 94.3





#89

n-Butylbenzene

Concen: 50.864 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015412.D

Acq: 06 May 2020 15:44

Instrument :

MSVOA_W

ClientSampled :

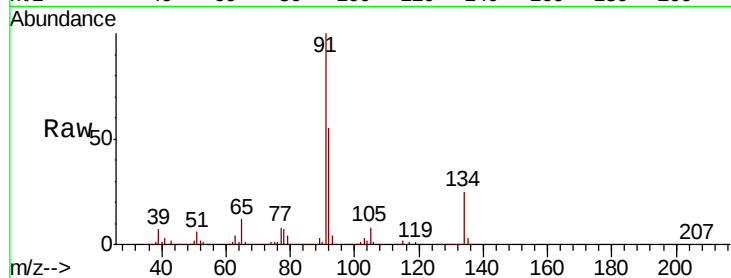
Tot Ion: 91 Resp: 577071

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

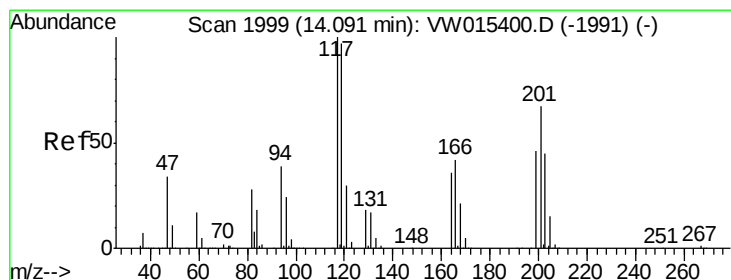
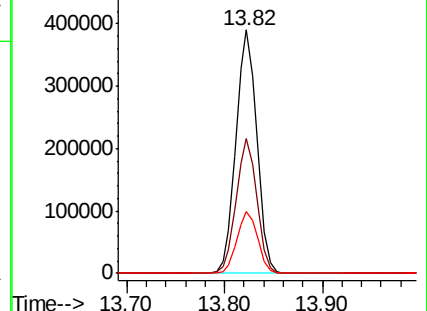
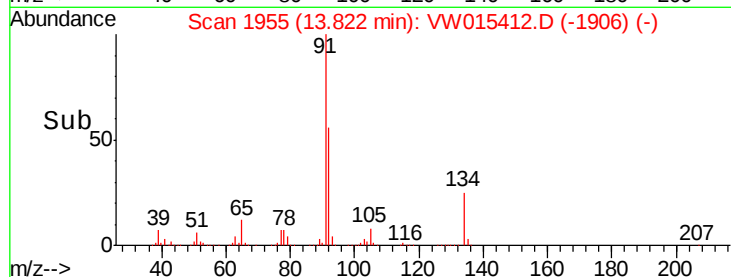
134 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.981 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015412.D

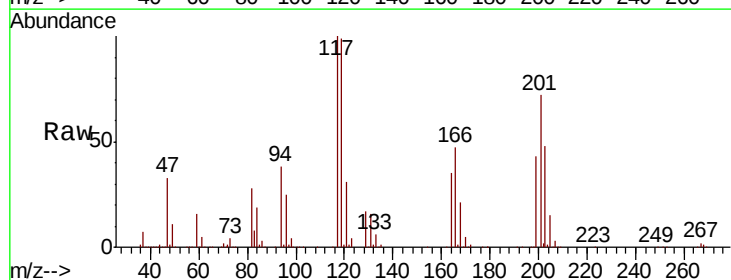
Acq: 06 May 2020 15:44

Tgt Ion: 117 Resp: 108875

Ion Ratio Lower Upper

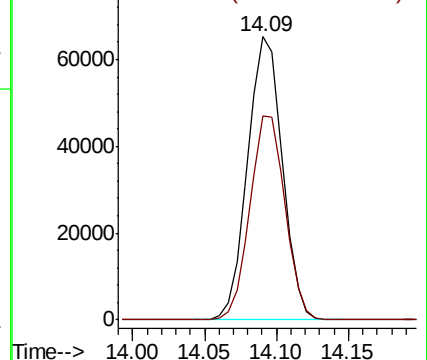
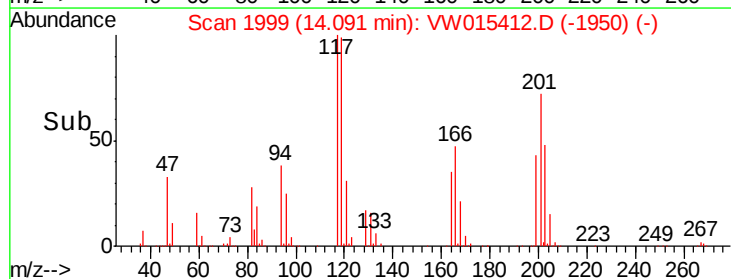
117 100

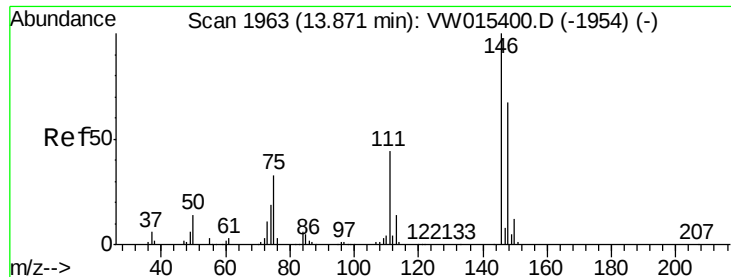
201 72.5 35.9 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.377 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015412.D

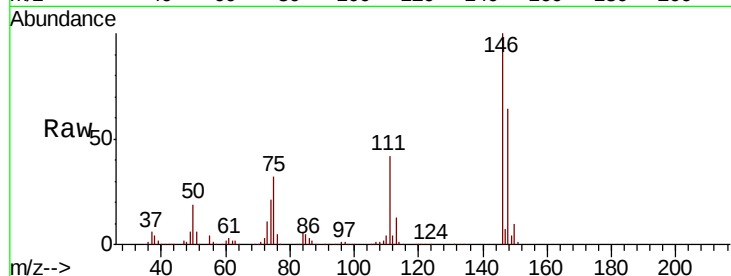
Acq: 06 May 2020 15:44

Instrument :

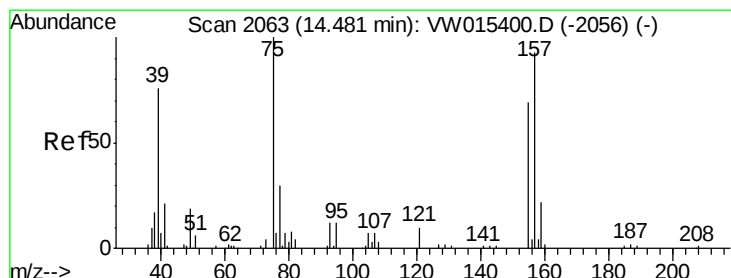
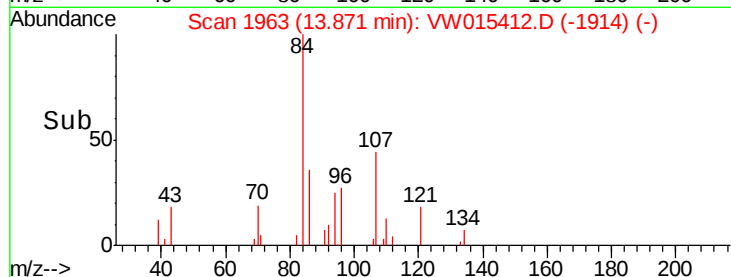
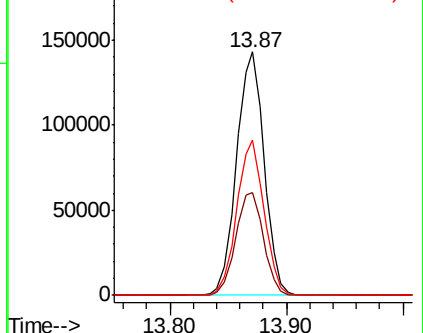
MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	235626
Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.1	66.3
148	62.8	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: 54.649 ug/l

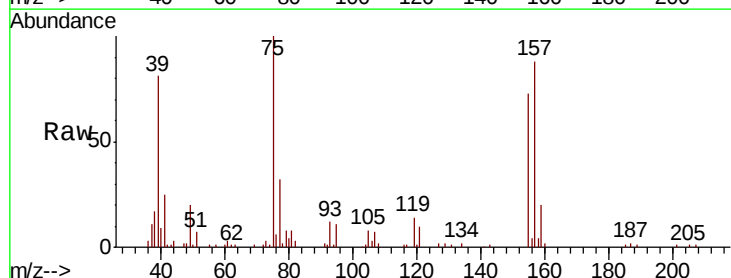
RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

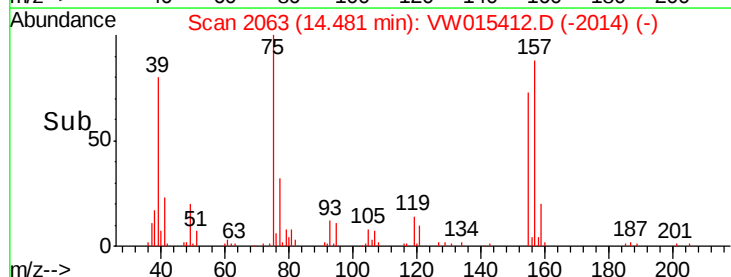
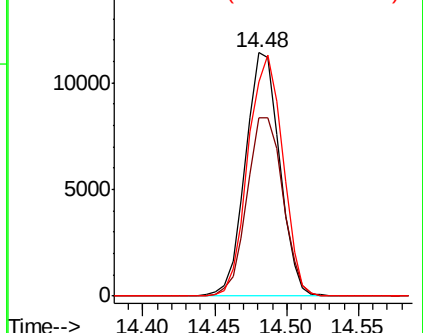
Lab File: VW015412.D

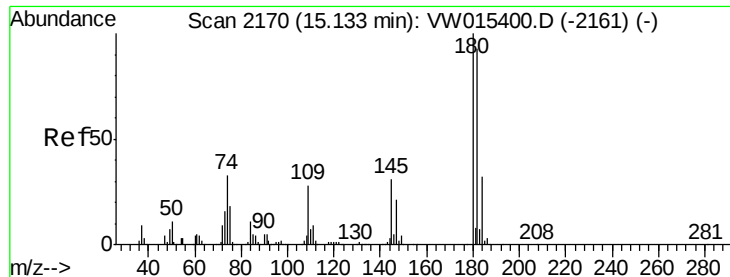
Acq: 06 May 2020 15:44

Tgt Ion:	75	Resp:	18727
Ion	Ratio	Lower	Upper
75	100		
155	77.1	38.7	116.1
157	100.0	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

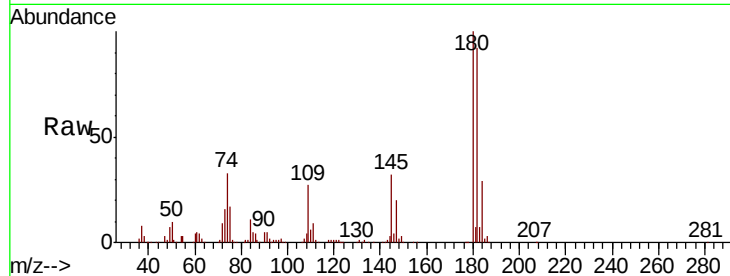




#93
 1,2,4-Trichlorobenzene
 Concen: 51.775 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.2	141.6
145	31.1	15.6	46.8

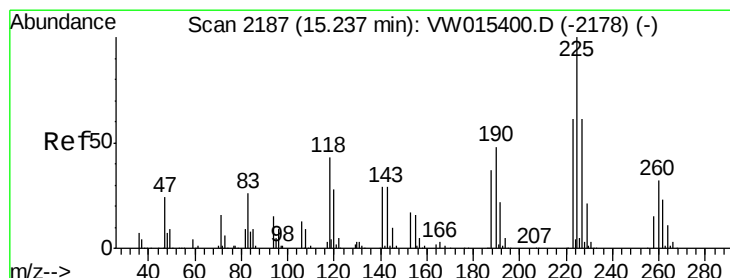
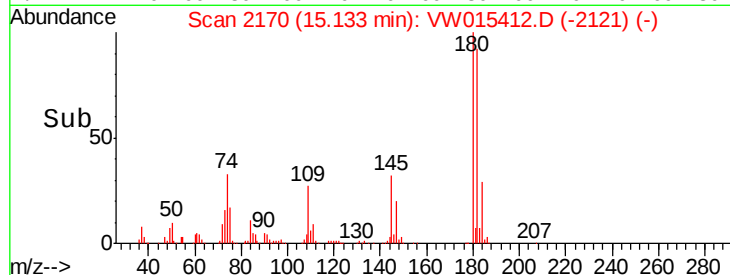
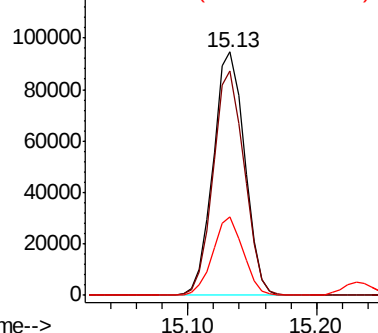


Abundance

Ion 179.80 (179.50 to 180.50): V

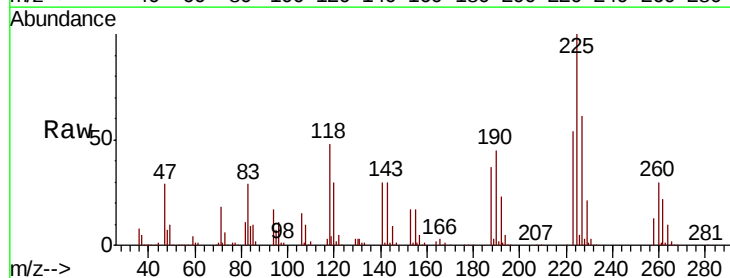
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.000 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015412.D
 Acq: 06 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.7	92.1
227	62.2	32.0	96.0

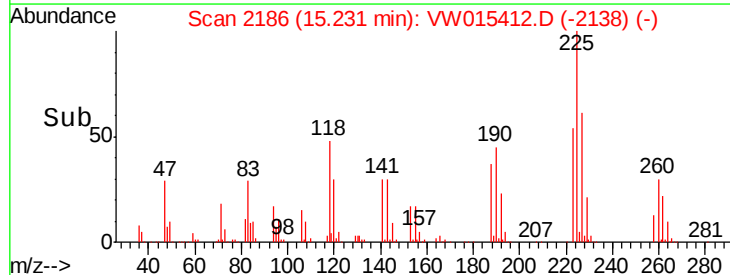
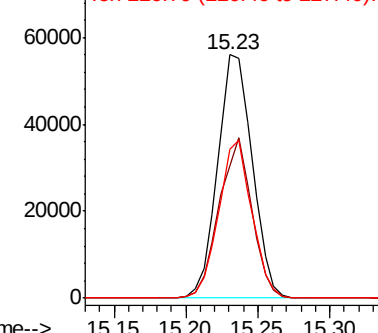


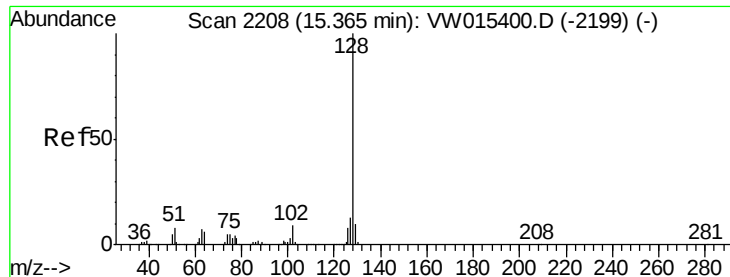
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

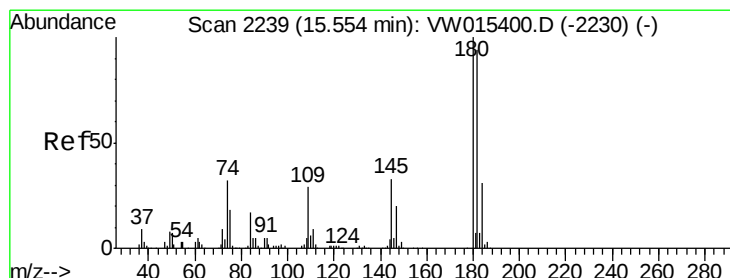
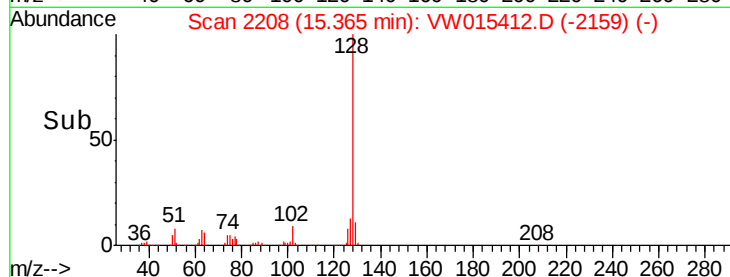
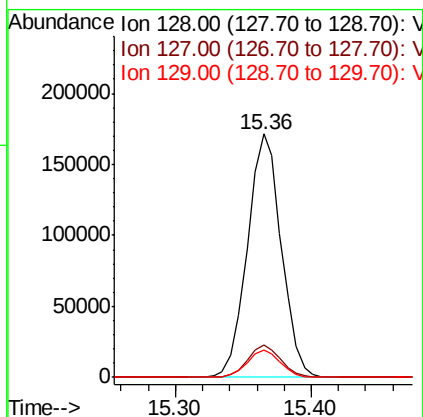
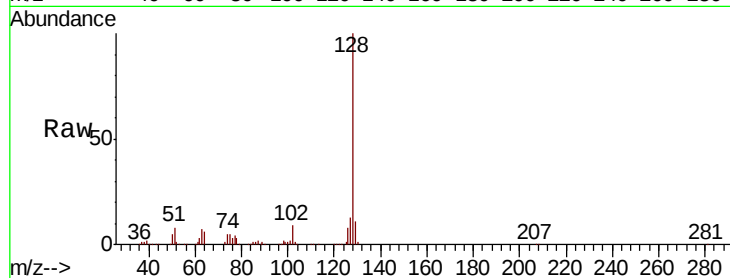




#95
Naphthalene
Concen: 54.019 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.135 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015412.D
Acq: 06 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.6	142.8
145	33.2	16.3	48.8

