

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015410.D
 Acq On : 06 May 2020 12:47
 Operator : SY/VA
 Sample : L2182-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:11:48 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	215425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	154593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126690	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	7.88	113	107491	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.32	98	449431	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.62	95	163089	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	4546	3.650	ug/l	92
3) Chloromethane	2.21	50	6649	4.264	ug/l	99
4) Vinyl Chloride	2.36	62	9368	3.967	ug/l	98
5) Bromomethane	2.78	94	7114	3.846	ug/l	96
6) Chloroethane	2.93	64	6417	3.943	ug/l	94
7) Trichlorofluoromethane	3.26	101	6122	3.535	ug/l	96
8) Diethyl Ether	3.68	74	4574	4.226	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	8317	4.142	ug/l	97
10) Methyl Iodide	4.26	142	12142	3.996	ug/l	98
11) Tert butyl alcohol	5.17	59	3851	28.201	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	8380	4.025	ug/l	99
13) Acrolein	3.89	56	3803	21.808	ug/l	87
14) Allyl chloride	4.67	41	14472	3.967	ug/l	99
15) Acrylonitrile	5.36	53	9505	21.578	ug/l	100
16) Acetone	4.12	43	9100	24.736	ug/l	98
17) Carbon Disulfide	4.38	76	24983	3.913	ug/l	99
18) Methyl Acetate	4.67	43	4935	5.053	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	14676	4.387	ug/l	98
20) Methylene Chloride	4.92	84	10346	4.310	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	9737	4.120	ug/l	96
22) Diisopropyl ether	6.31	45	29032	4.072	ug/l	94
23) Vinyl Acetate	6.26	43	86388	19.934	ug/l	99
24) 1,1-Dichloroethane	6.21	63	17412	4.074	ug/l	98
25) 2-Butanone	7.17	43	12589	21.955	ug/l	99
26) 2,2-Dichloropropane	7.16	77	12644	4.464	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	10852	4.228	ug/l	100
28) Bromochloromethane	7.51	49	7586	4.414	ug/l	99
29) Tetrahydrofuran	7.54	42	8660	22.949	ug/l	98
30) Chloroform	7.68	83	18064	4.254	ug/l	96
31) Cyclohexane	7.95	56	21714	5.004	ug/l #	73
32) 1,1,1-Trichloroethane	7.87	97	14955	4.190	ug/l	97
36) 1,1-Dichloropropene	8.08	75	14698	4.129	ug/l	99
37) Ethyl Acetate	7.26	43	6185	4.478	ug/l	97
38) Carbon Tetrachloride	8.07	117	13400	4.027	ug/l	98

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 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)
39) Methylcyclohexane	9.33	83	18721	4.155	ug/l	99
40) Benzene	8.32	78	39036	4.021	ug/l	94
41) Methacrylonitrile	7.49	41	3932	4.506	ug/l	92
42) 1,2-Dichloroethane	8.40	62	12653	4.279	ug/l	100
43) Isopropyl Acetate	8.42	43	11965	4.119	ug/l	100
44) Trichloroethene	9.09	130	10283	4.087	ug/l	100
45) 1,2-Dichloropropane	9.37	63	9908	4.132	ug/l	97
46) Dibromomethane	9.46	93	4858	4.073	ug/l	98
47) Bromodichloromethane	9.65	83	12835	3.948	ug/l	95
48) Methyl methacrylate	9.44	41	5547	4.134	ug/l	94
49) 1,4-Dioxane	9.45	88	1460	97.266	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	29389	21.590	ug/l	100
52) Toluene	10.38	92	25313	4.013	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	13043	3.931	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	15383	3.938	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	6974	4.135	ug/l	98
56) Ethyl methacrylate	10.65	69	9343	4.032	ug/l	98
57) 1,3-Dichloropropane	10.93	76	12555	4.140	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	24411	21.652	ug/l	99
59) 2-Hexanone	10.97	43	19352	21.011	ug/l	97
60) Dibromochloromethane	11.13	129	8108	3.997	ug/l	98
61) 1,2-Dibromoethane	11.23	107	6379	3.994	ug/l	97
64) Tetrachloroethene	10.86	164	8417	4.286	ug/l	92
65) Chlorobenzene	11.66	112	26373	4.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	8982	3.999	ug/l	98
67) Ethyl Benzene	11.73	91	50345	4.152	ug/l	97
68) m/p-Xylenes	11.84	106	36918	8.189	ug/l	99
69) o-Xylene	12.16	106	17579	4.149	ug/l	100
70) Styrene	12.18	104	28984	3.972	ug/l	99
71) Bromoform	12.35	173	4273	3.901	ug/l #	100
73) Isopropylbenzene	12.46	105	48485	4.201	ug/l	100
74) N-amyl acetate	12.27	43	12180	4.465	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	7981	4.420	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	10172	7.998	ug/l #	100
77) Bromobenzene	12.74	156	10408	4.255	ug/l	99
78) n-propylbenzene	12.80	91	59102	4.268	ug/l	100
79) 2-Chlorotoluene	12.89	91	32611	4.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	40505	4.167	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87383	135.911	ug/l #	9
82) 4-Chlorotoluene	12.99	91	34426	4.162	ug/l	98
83) tert-Butylbenzene	13.21	119	35093	4.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	39946	4.107	ug/l	97
85) sec-Butylbenzene	13.38	105	48549	4.154	ug/l	99
86) p-Isopropyltoluene	13.50	119	43873	4.116	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	20683	4.245	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	20760	4.303	ug/l	92
89) n-Butylbenzene	13.82	91	42954	4.116	ug/l	100
90) Hexachloroethane	14.09	117	7917	4.030	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	17781	4.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1310	4.156	ug/l	96

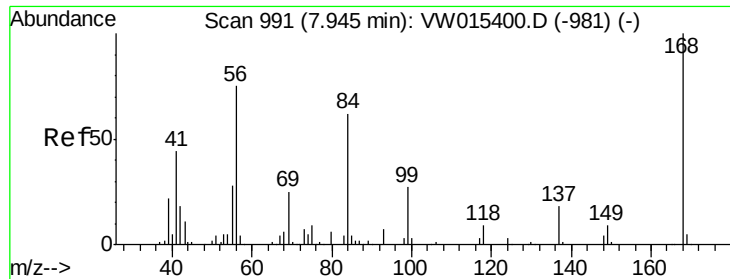
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	11508	4.059	ug/l	99
94) Hexachlorobutadiene	15.23	225	6982	4.156	ug/l	96
95) Naphthalene	15.36	128	19872	3.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	9312	3.823	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

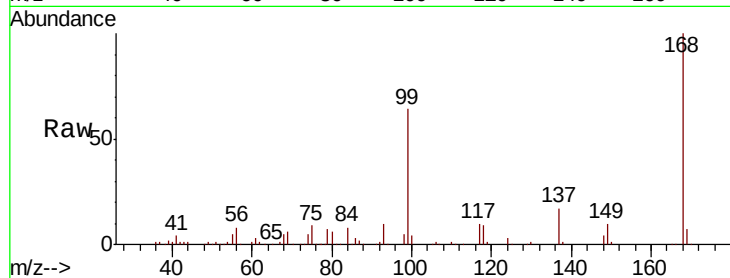
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 215425

Ion Ratio Lower Upper

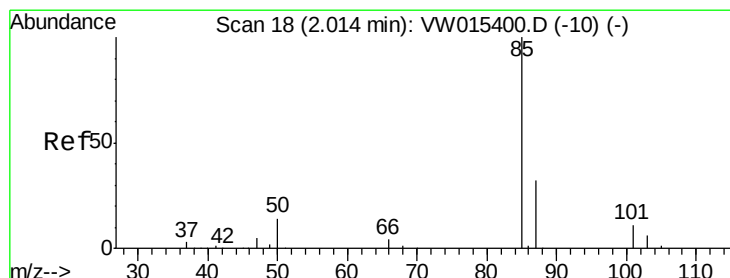
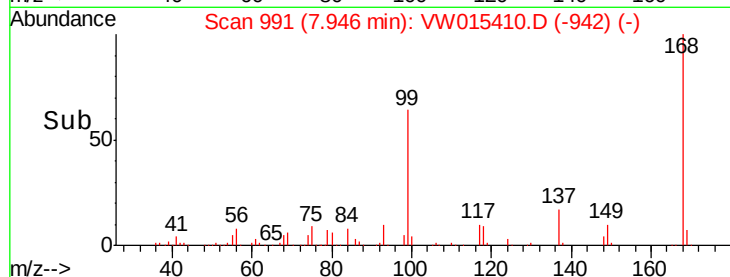
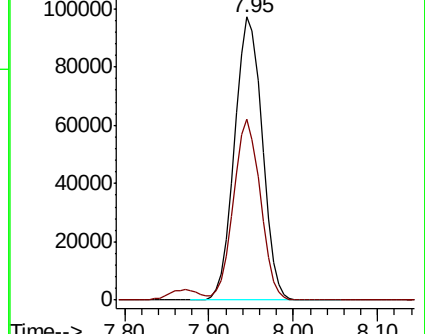
168 100

99 63.9 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.650 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015410.D

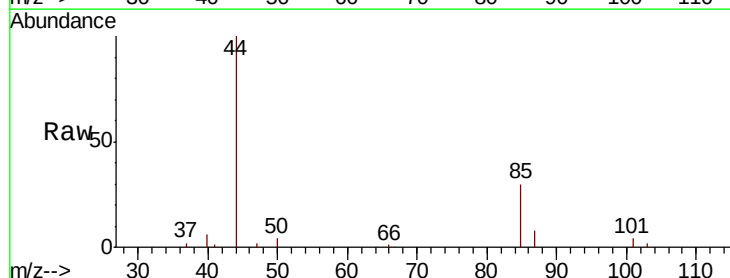
Acq: 06 May 2020 12:47

Tgt Ion: 85 Resp: 4546

Ion Ratio Lower Upper

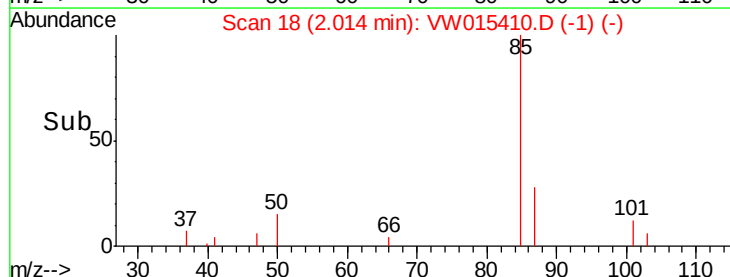
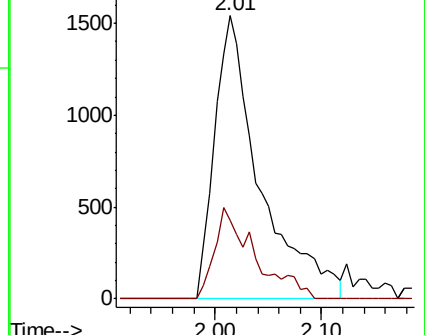
85 100

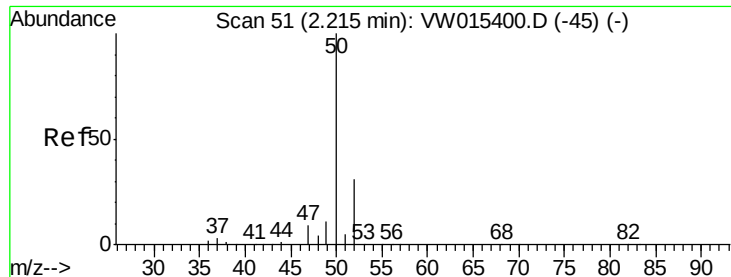
87 27.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 4.264 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

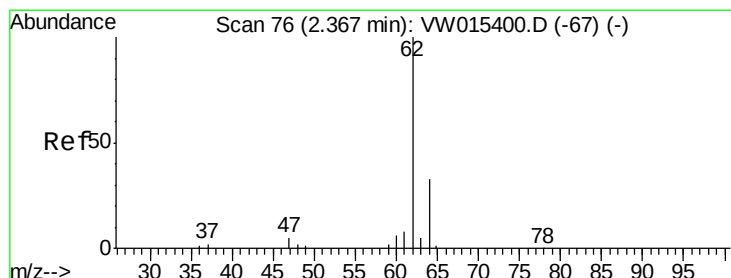
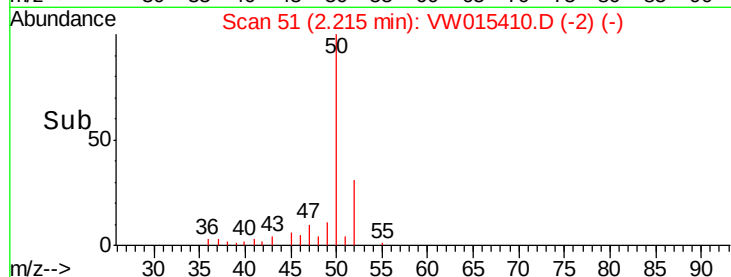
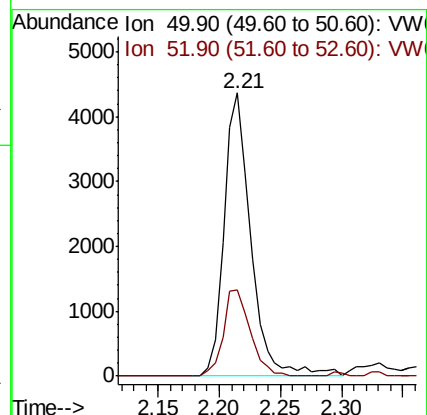
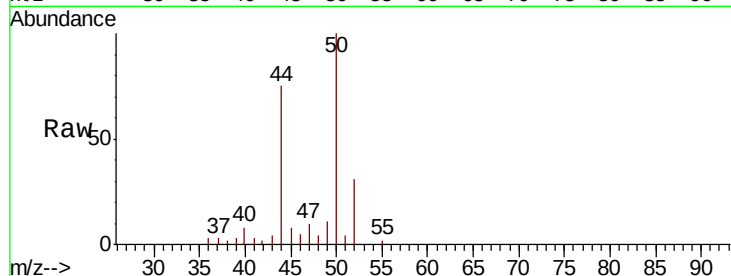
ClientSampled :

Tot Ion: 50 Resp: 6649

Ion Ratio Lower Upper

50 100

52 30.5 25.0 37.6



#4

Vinyl Chloride

Concen: 3.967 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015410.D

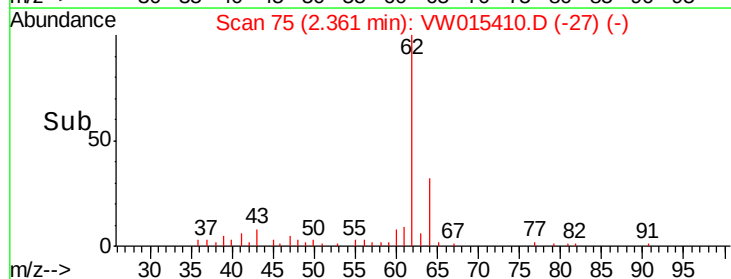
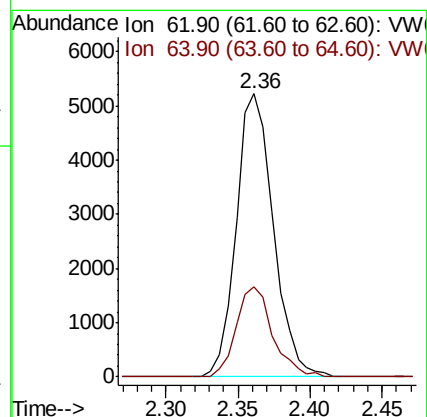
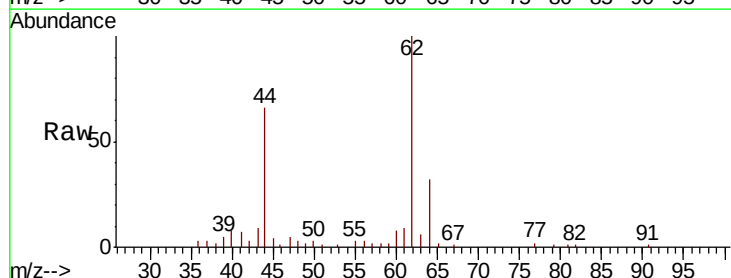
Acq: 06 May 2020 12:47

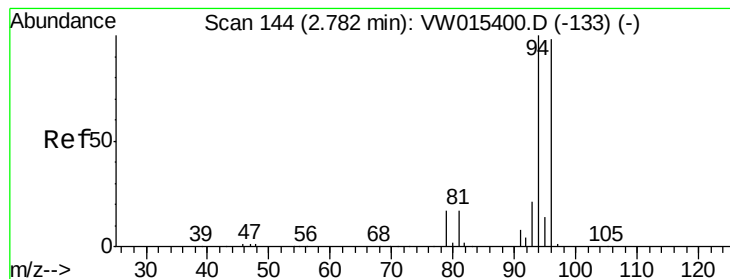
Tgt Ion: 62 Resp: 9368

Ion Ratio Lower Upper

62 100

64 31.6 26.4 39.6





#5

Bromomethane

Concen: 3.846 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

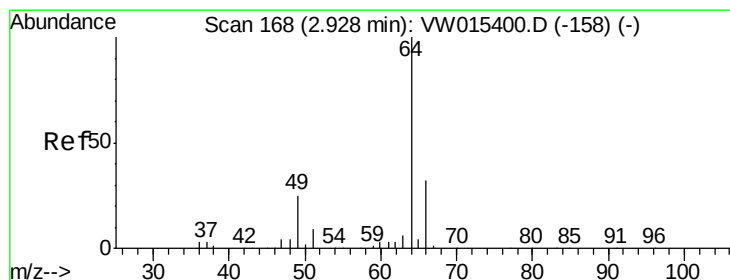
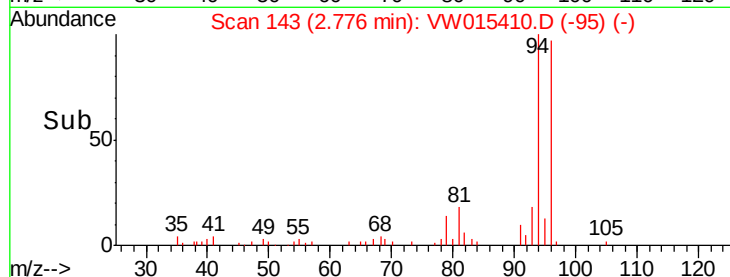
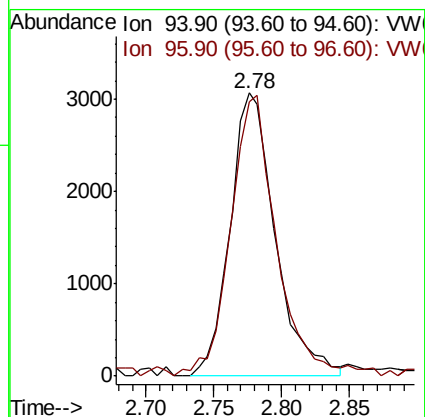
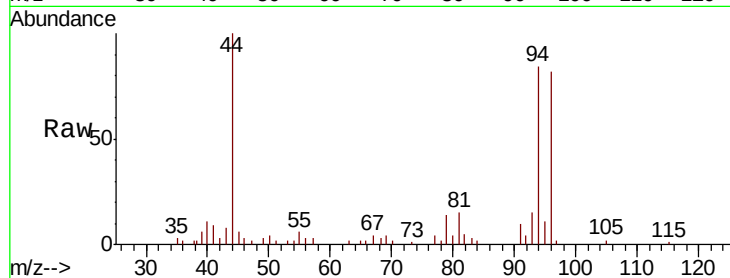
ClientSampleId :

Tot Ion: 94 Resp: 7114

Ion Ratio Lower Upper

94 100

96 95.0 78.8 118.2



#6

Chloroethane

Concen: 3.943 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015410.D

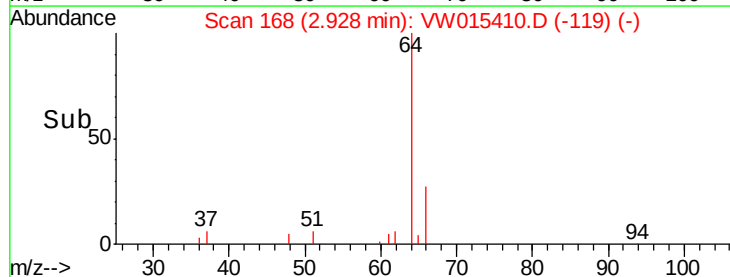
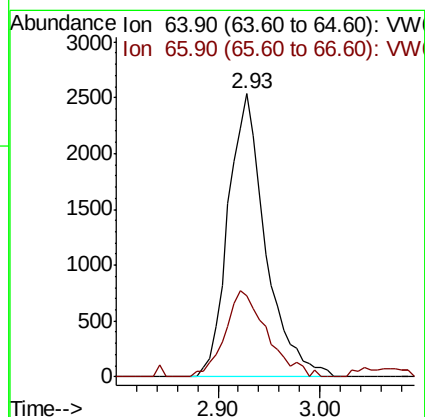
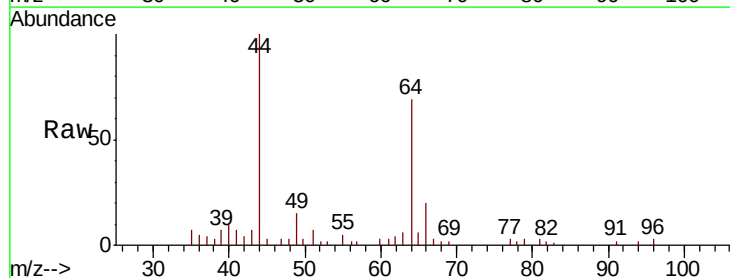
Acq: 06 May 2020 12:47

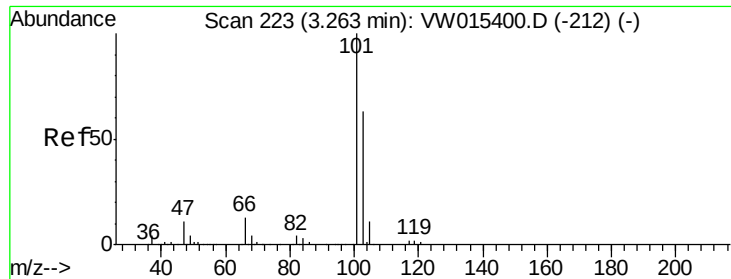
Tgt Ion: 64 Resp: 6417

Ion Ratio Lower Upper

64 100

66 28.5 25.4 38.0



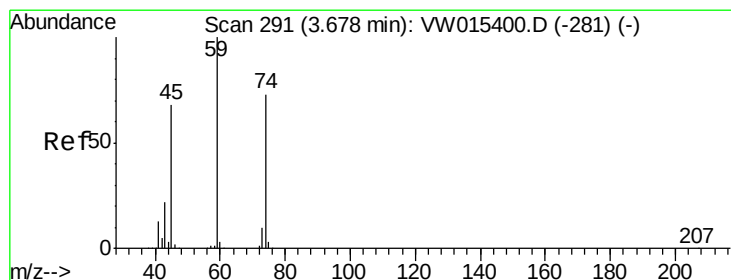
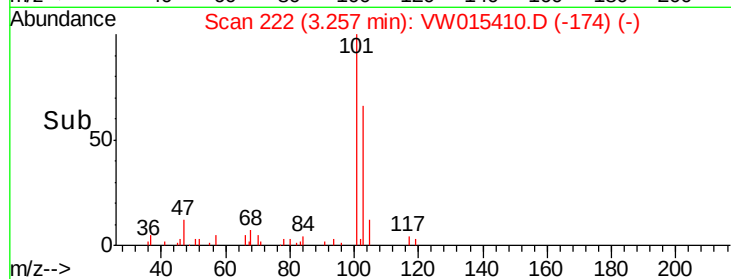
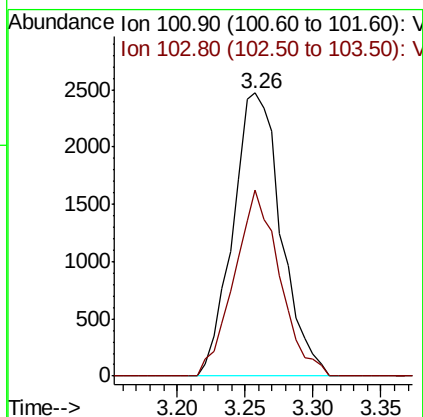
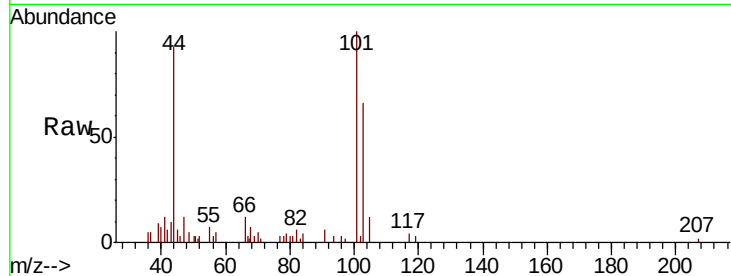


#7

Trichlorofluoromethane
 Concen: 3.535 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Instrument :
 MSVOA_W
 ClientSampled :

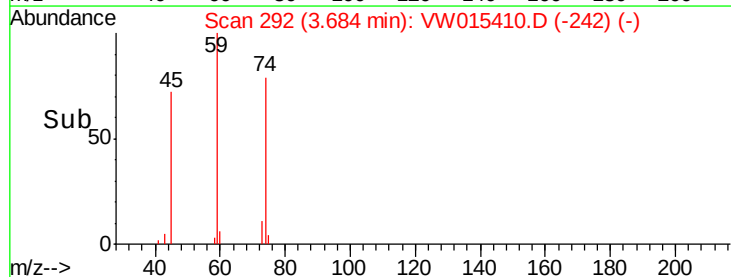
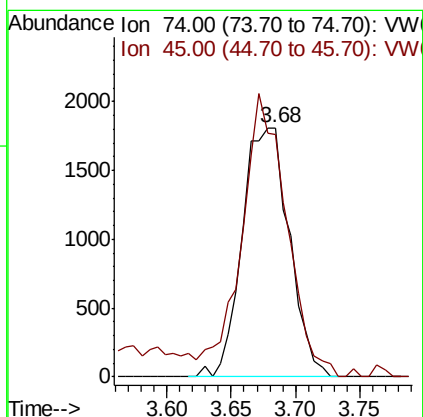
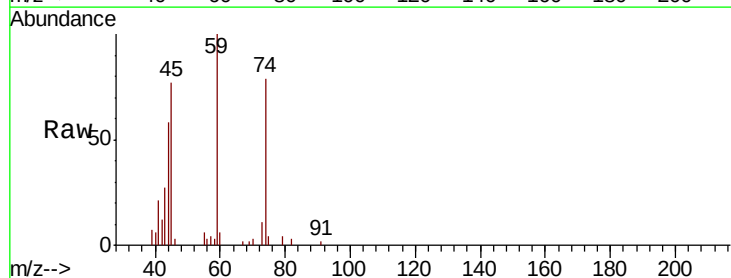
Tot Ion:101 Resp: 6122
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.2 75.4

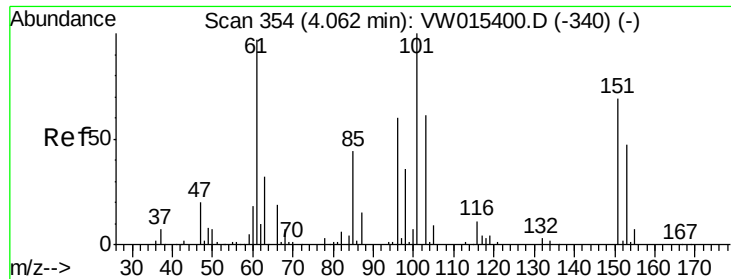


#8

Diethyl Ether
 Concen: 4.226 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 74 Resp: 4574
 Ion Ratio Lower Upper
 74 100
 45 109.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.142 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampled :

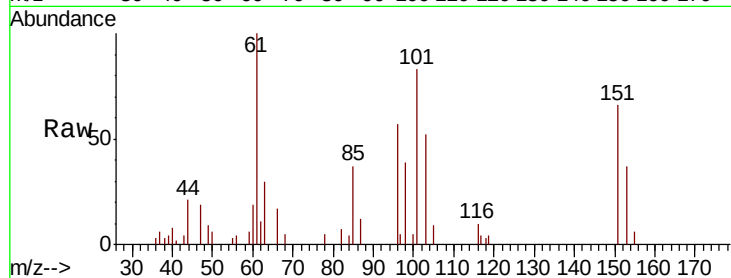
Tot Ion:101 Resp: 8317

Ion Ratio Lower Upper

101 100

85 44.3 37.3 55.9

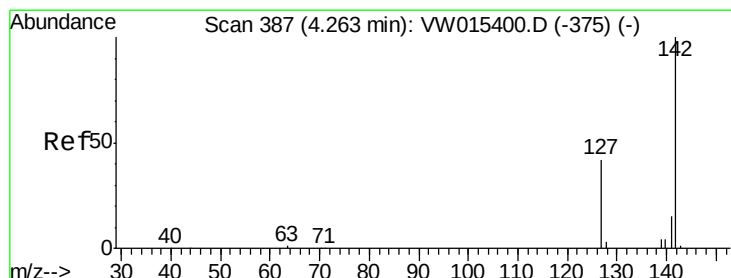
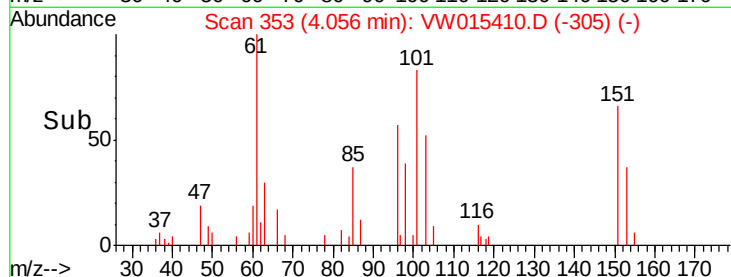
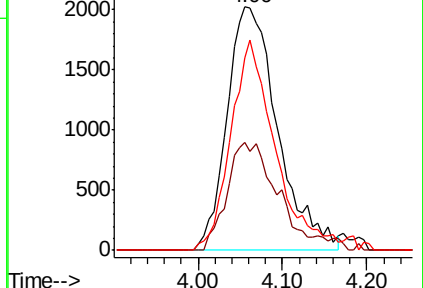
151 75.3 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.996 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

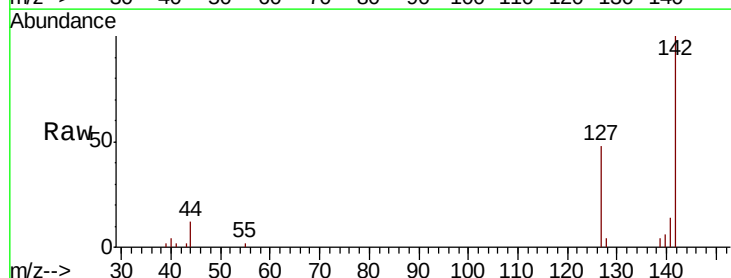
Tgt Ion:142 Resp: 12142

Ion Ratio Lower Upper

142 100

127 46.0 35.4 53.2

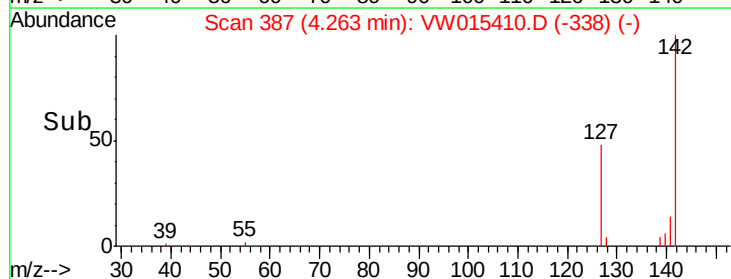
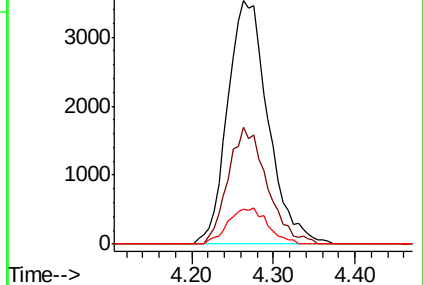
141 14.4 11.7 17.5

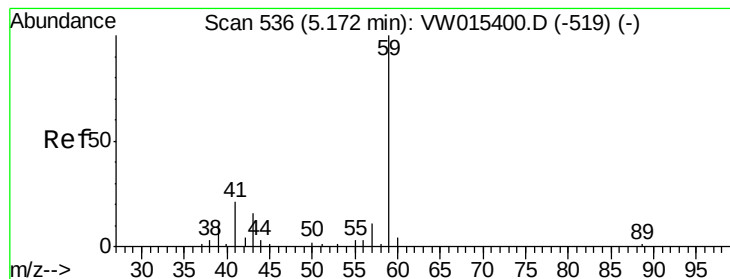


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



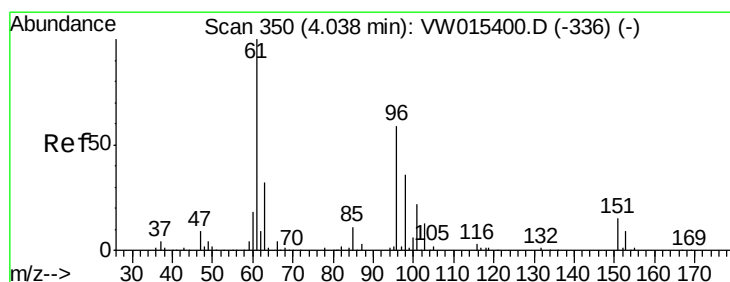
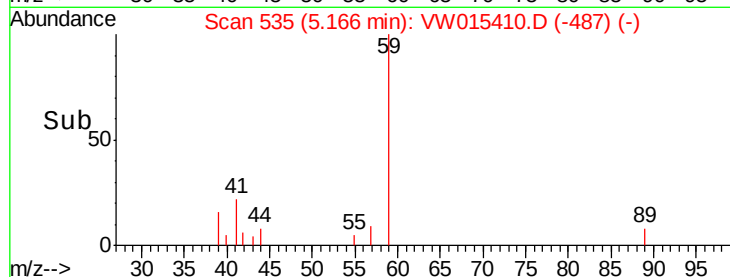
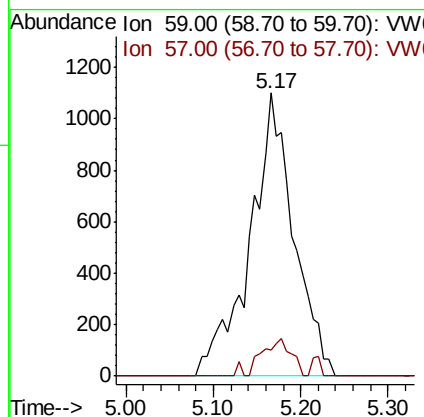
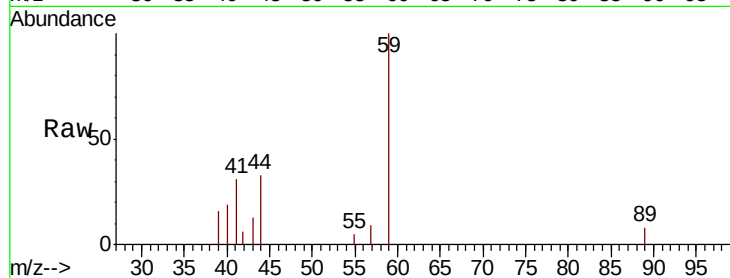


#11

Tert butyl alcohol
 Concen: 28.201 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Instrument :
 MSVOA_W
 ClientSampled :

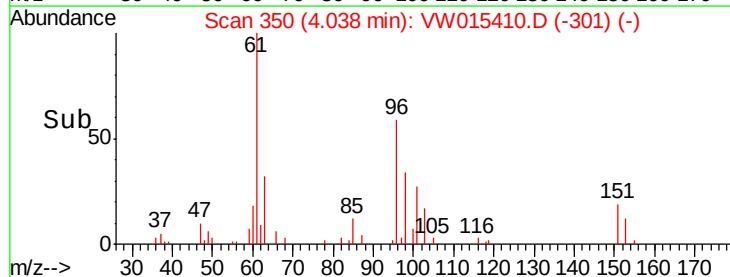
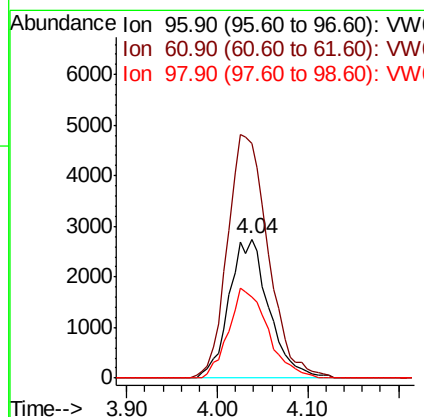
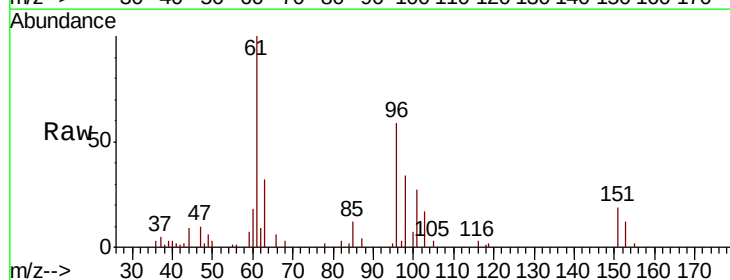
Tot Ion: 59 Resp: 3851
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.6 13.0#

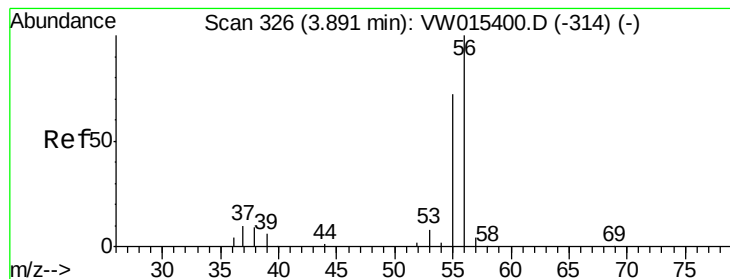


#12

1,1-Dichloroethene
 Concen: 4.025 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 96 Resp: 8380
 Ion Ratio Lower Upper
 96 100
 61 169.2 135.8 203.8
 98 58.1 48.6 72.8





#13

Acrolein

Concen: 21.808 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

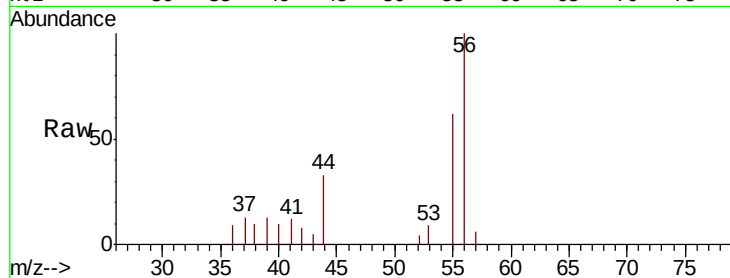
ClientSampleId :

Tot Ion: 56 Resp: 3803

Ion Ratio Lower Upper

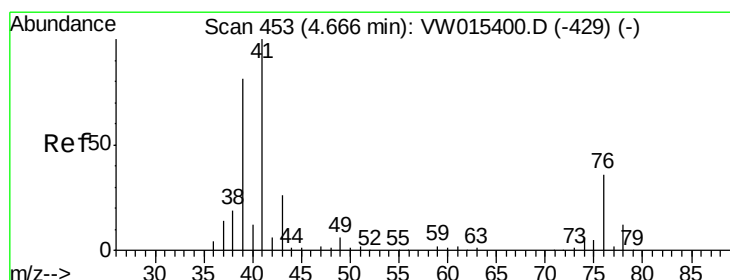
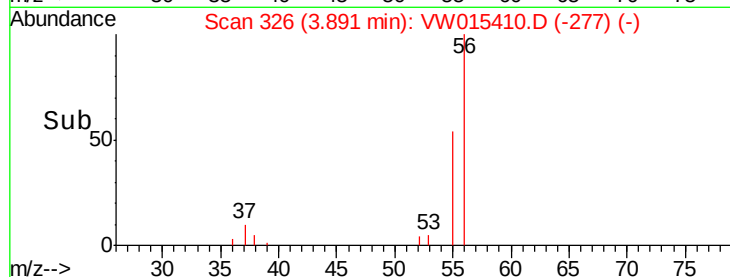
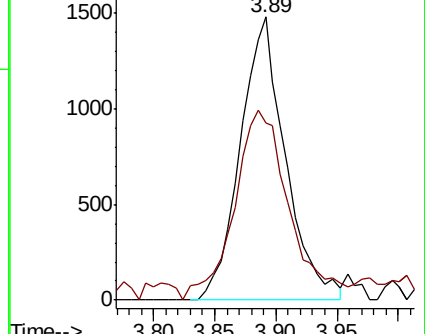
56 100

55 81.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 3.967 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

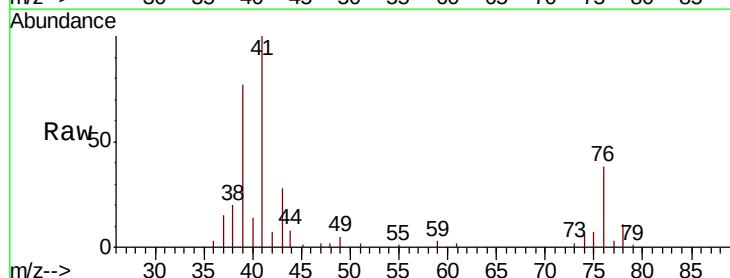
Tgt Ion: 41 Resp: 14472

Ion Ratio Lower Upper

41 100

39 78.0 63.6 95.4

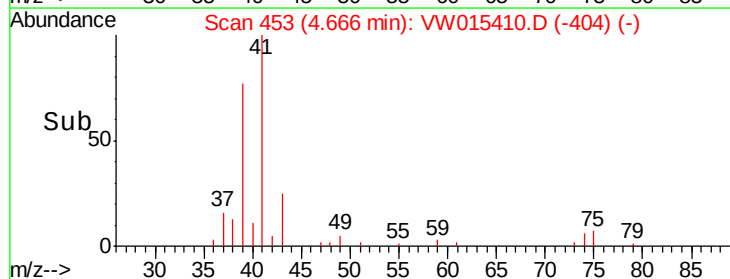
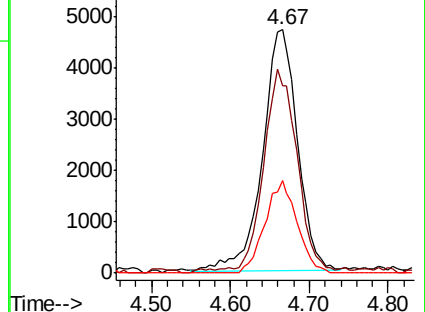
76 34.9 28.4 42.6

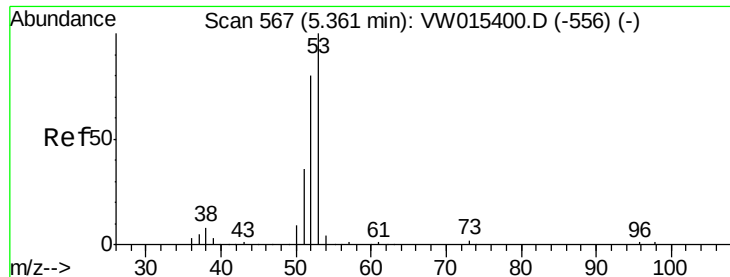


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 21.578 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

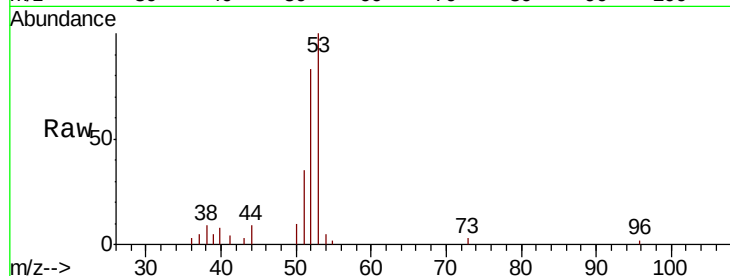
Tot Ion: 53 Resp: 9505

Ion Ratio Lower Upper

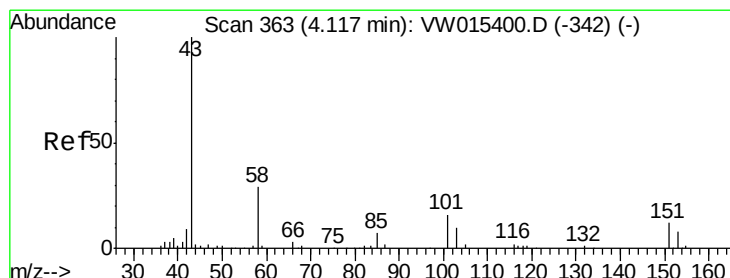
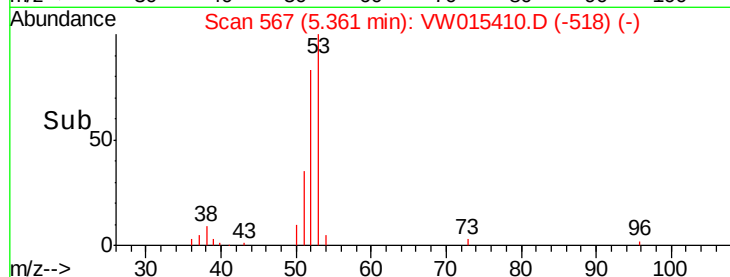
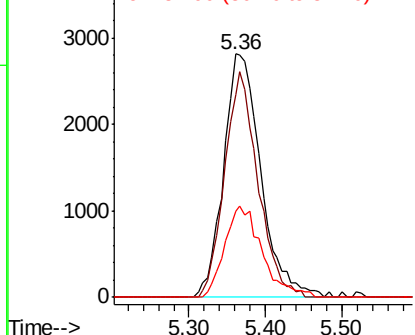
53 100

52 82.8 66.6 99.8

51 37.6 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 24.736 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015410.D

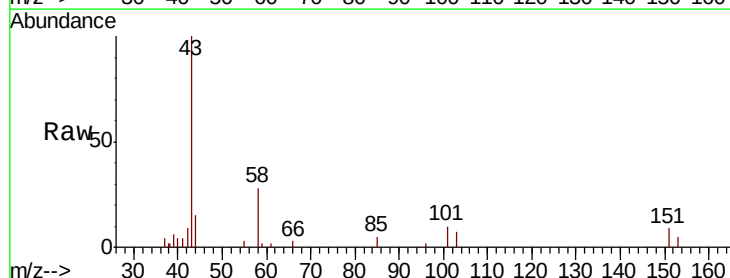
Acq: 06 May 2020 12:47

Tgt Ion: 43 Resp: 9100

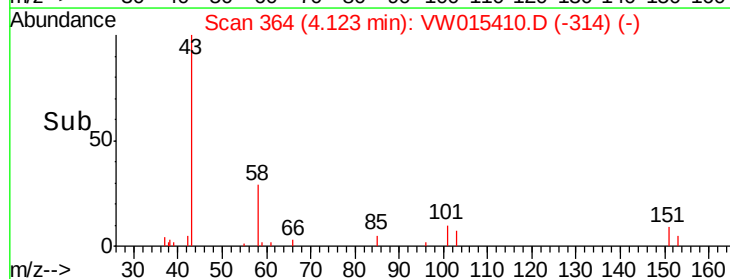
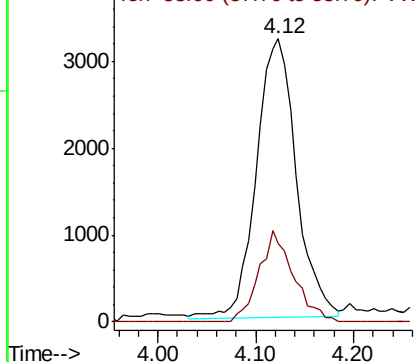
Ion Ratio Lower Upper

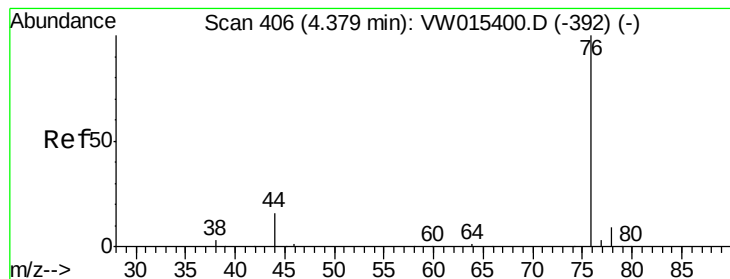
43 100

58 28.2 23.4 35.0



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





#17

Carbon Disulfide

Concen: 3.913 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

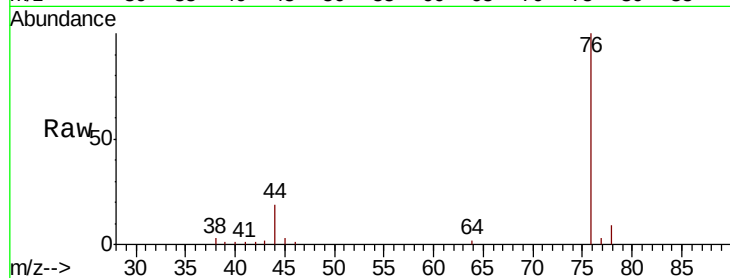
ClientSampleId :

Tot Ion: 76 Resp: 24983

Ion Ratio Lower Upper

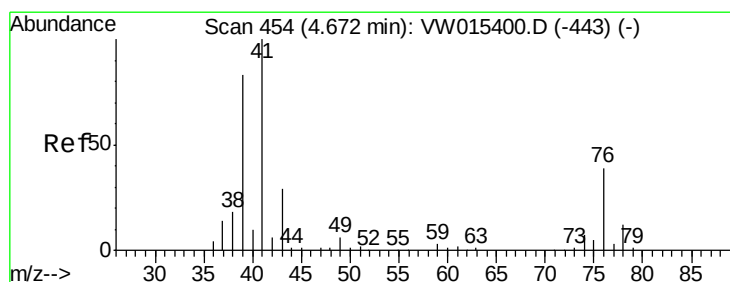
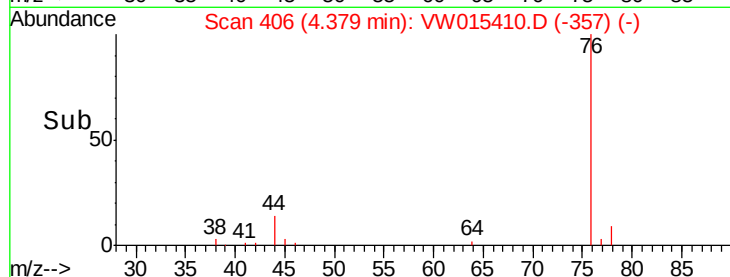
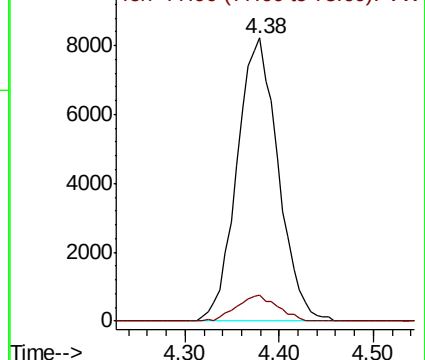
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 5.053 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015410.D

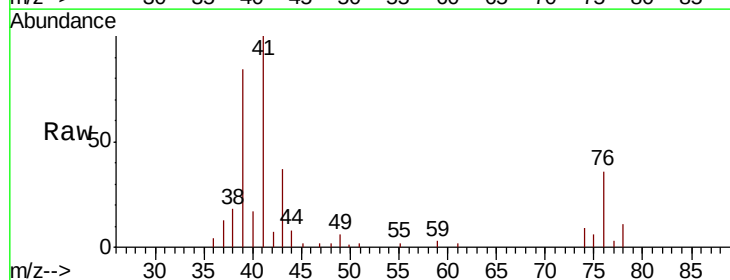
Acq: 06 May 2020 12:47

Tgt Ion: 43 Resp: 4935

Ion Ratio Lower Upper

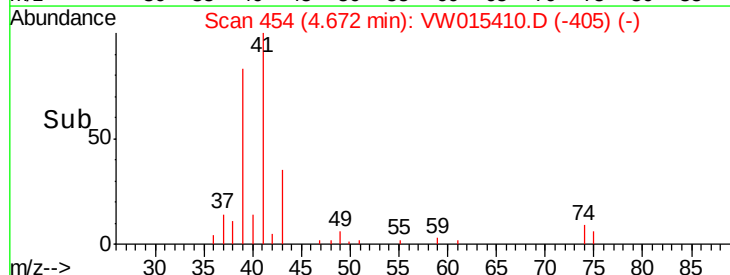
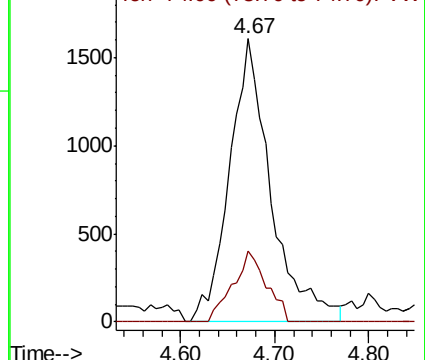
43 100

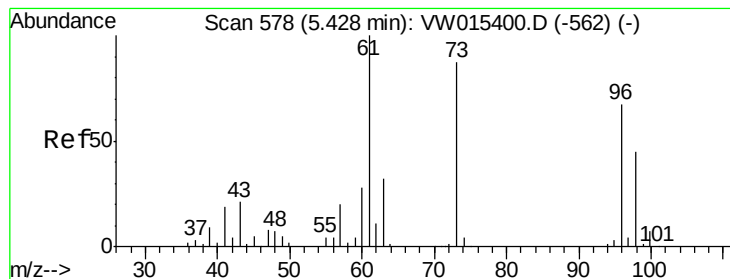
74 20.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



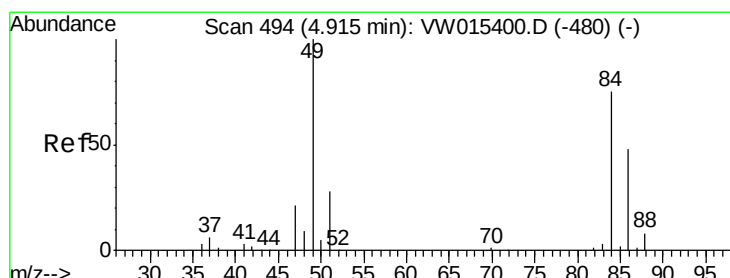
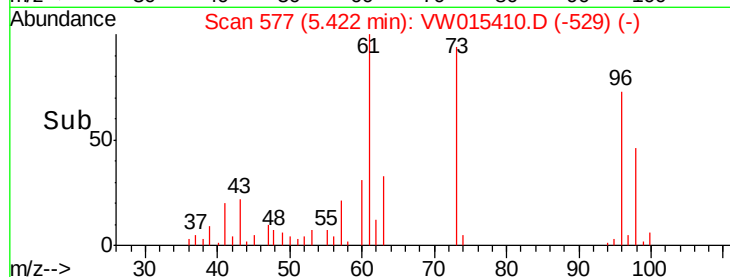
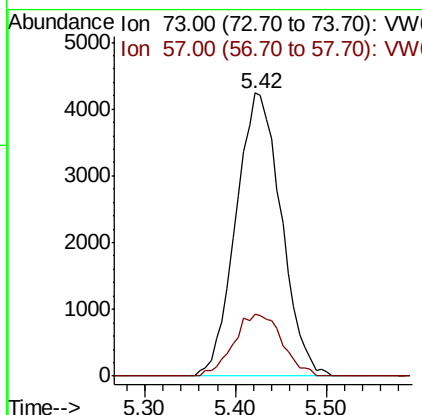
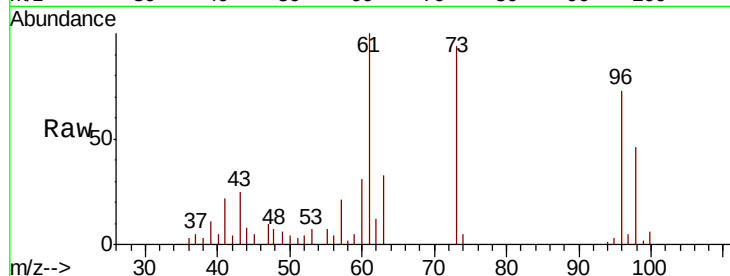


#19

Methyl tert-butyl Ether
 Concen: 4.387 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Instrument :
 MSVOA_W
 ClientSampled :

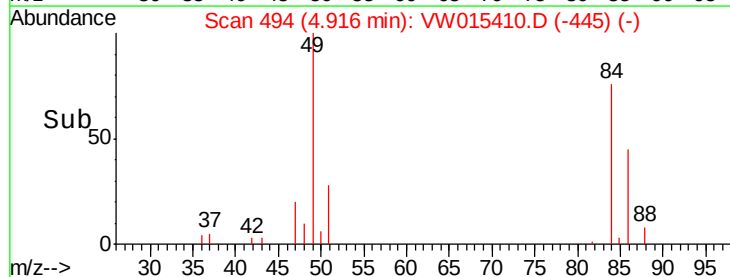
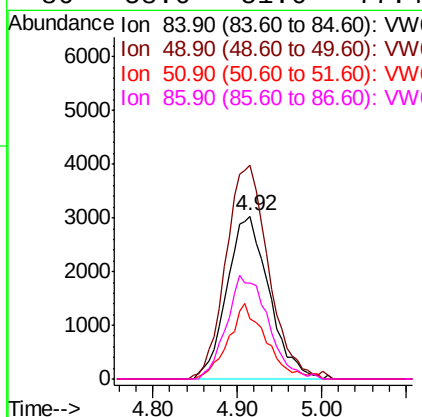
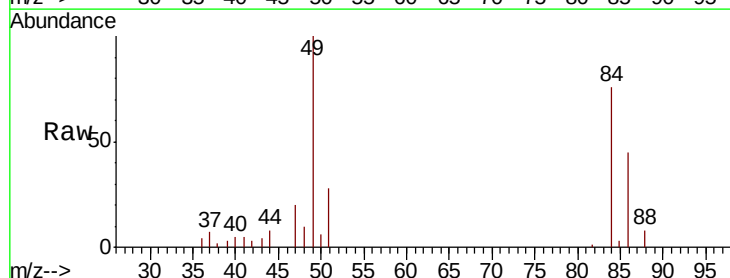
Tot Ion: 73 Resp: 14676
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.5 27.7

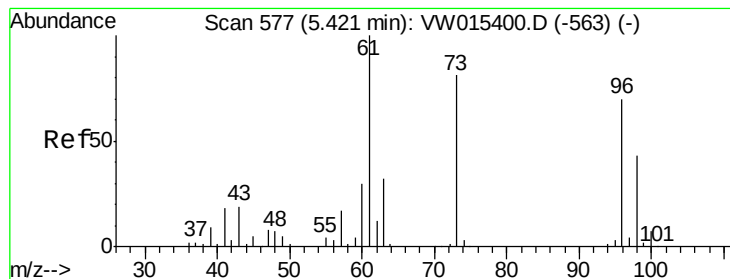


#20

Methylene Chloride
 Concen: 4.310 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 84 Resp: 10346
 Ion Ratio Lower Upper
 84 100
 49 130.9 106.4 159.6
 51 36.6 30.2 45.2
 86 58.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 4.120 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampled :

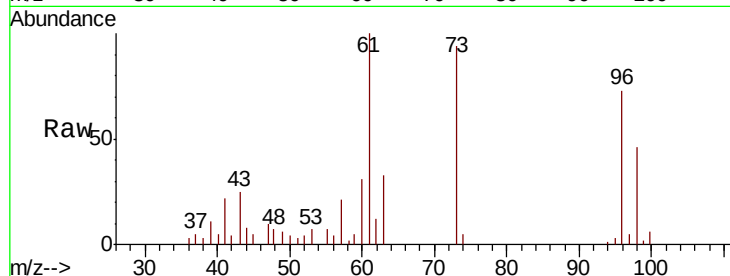
Tot Ion: 96 Resp: 9737

Ion Ratio Lower Upper

96 100

61 137.7 114.9 172.3

98 62.8 49.4 74.0

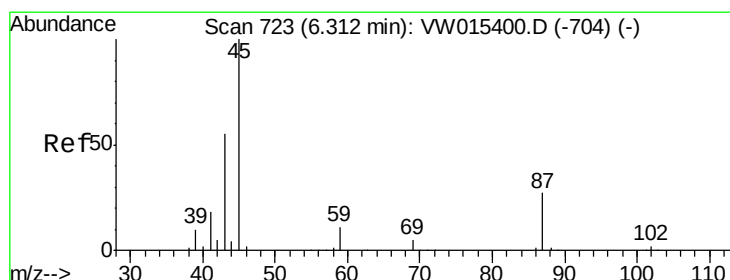
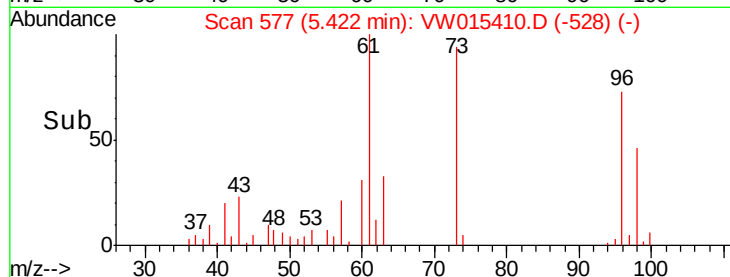
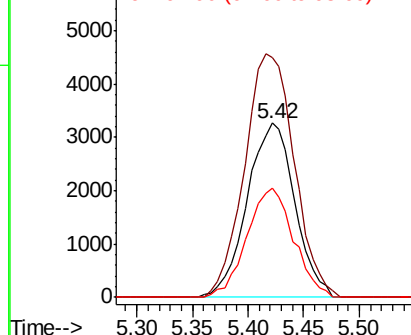


Abundance

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: 4.072 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Tgt Ion: 45 Resp: 29032

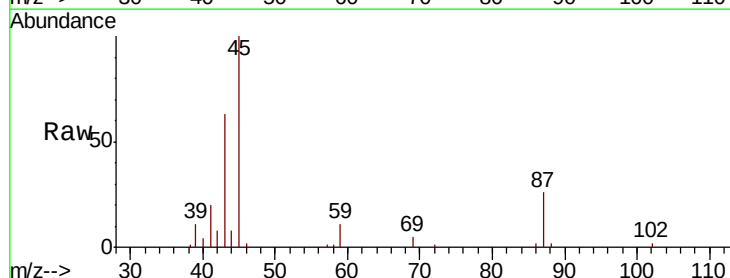
Ion Ratio Lower Upper

45 100

43 61.8 44.2 66.4

87 25.5 21.6 32.4

59 11.1 9.0 13.6



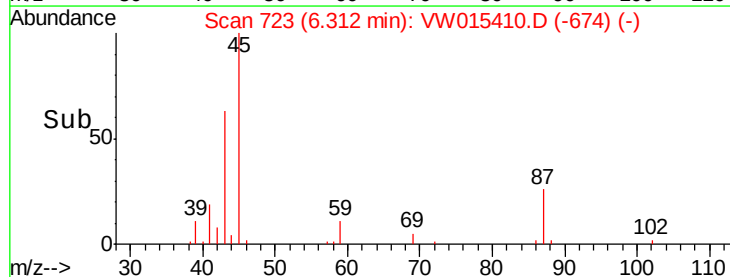
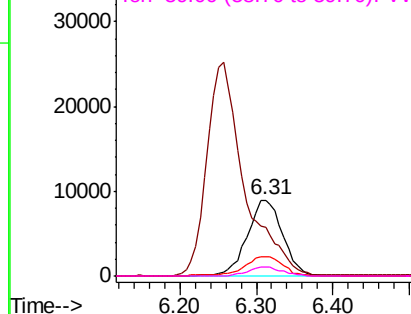
Abundance

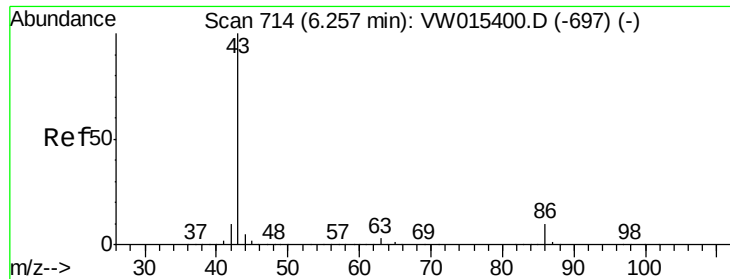
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

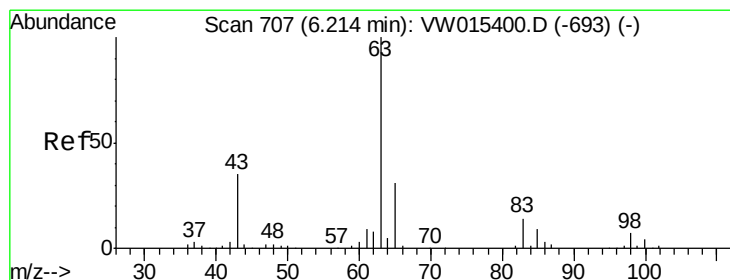
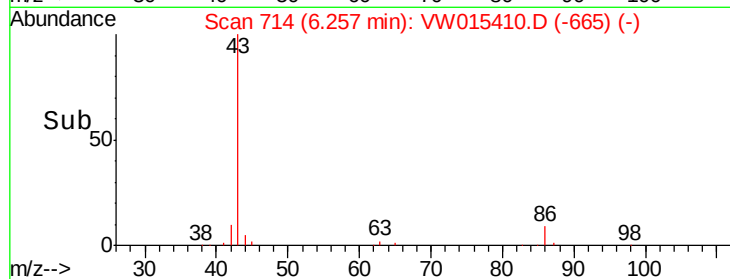
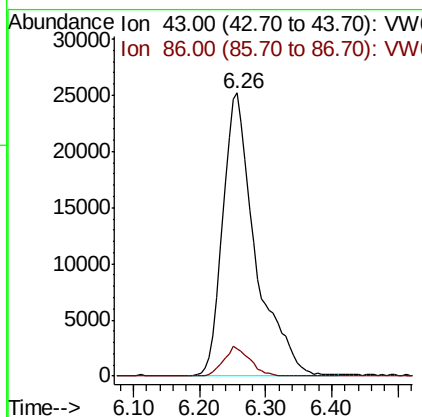
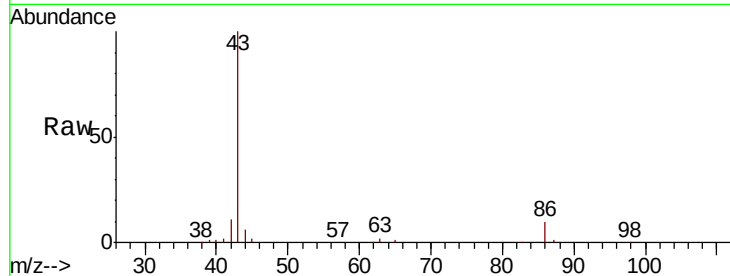




#23
 Vinyl Acetate
 Concen: 19.934 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

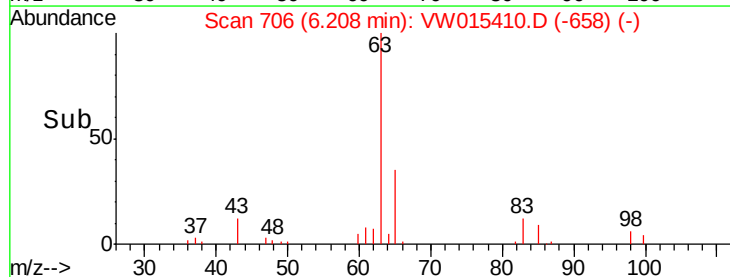
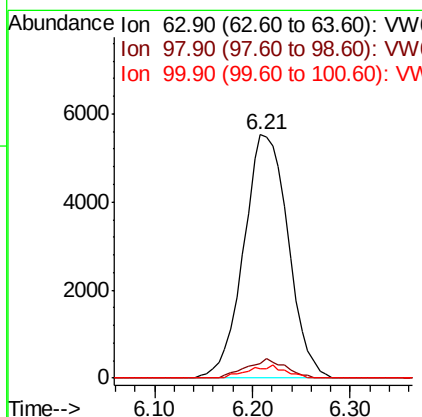
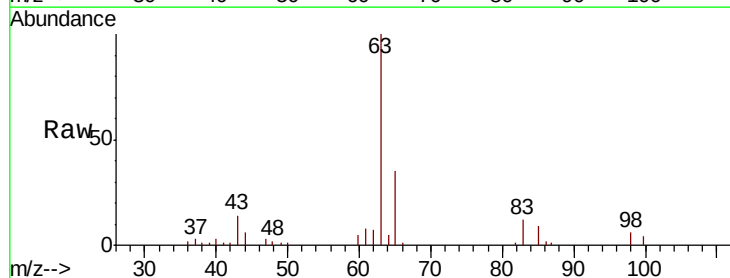
Instrument :
 MSVOA_W
 ClientSampled :

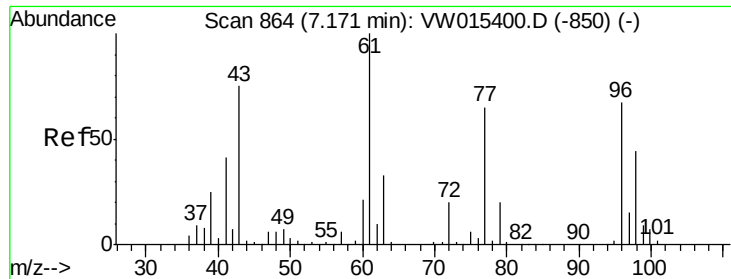
Tot Ion: 43 Resp: 86388
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 4.074 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 63 Resp: 17412
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 3.9 2.1 6.5

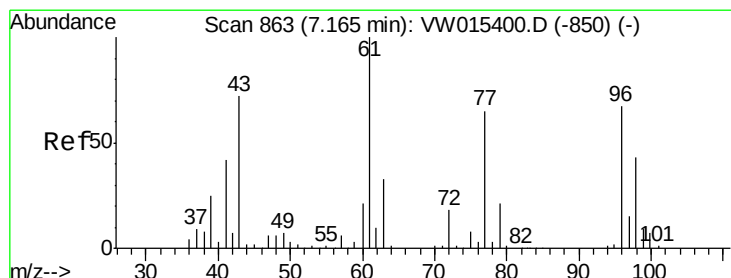
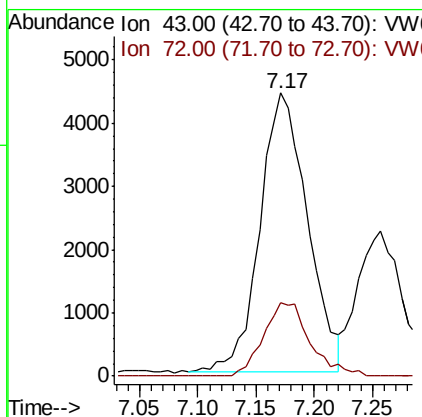
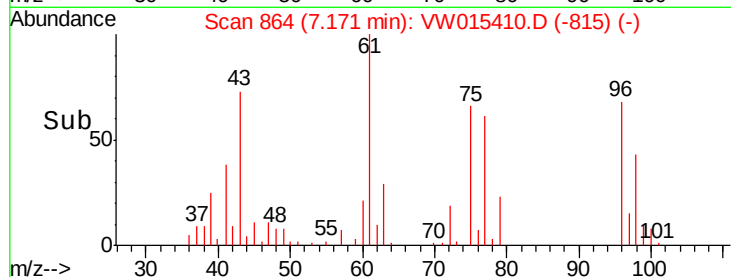
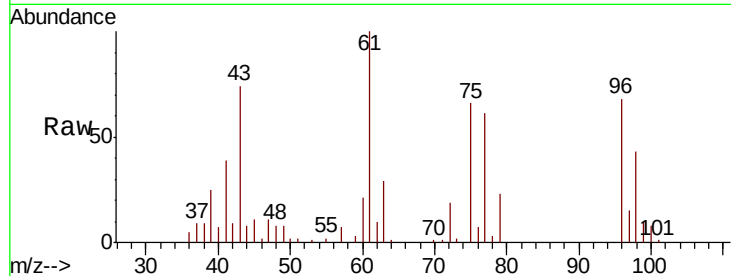




#25
2-Butanone
Concen: 21.955 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

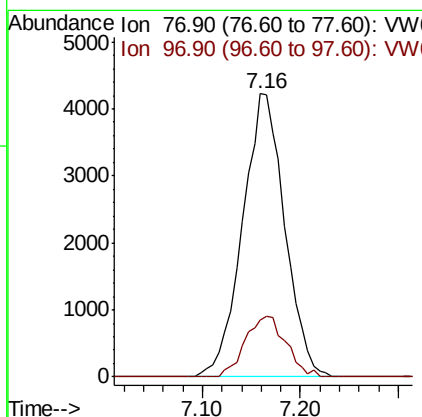
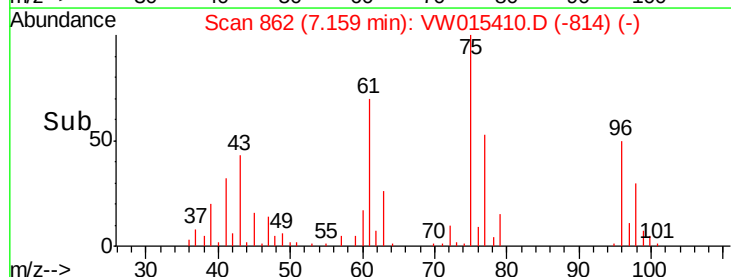
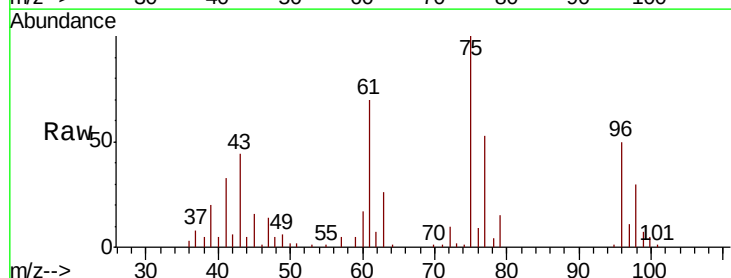
Instrument :
MSVOA_W
ClientSampled :

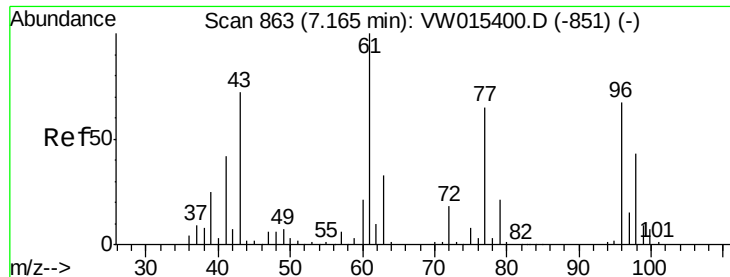
Tot Ion: 43 Resp: 12589
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.0



#26
2,2-Dichloropropane
Concen: 4.464 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 77 Resp: 12644
Ion Ratio Lower Upper
77 100
97 20.5 11.1 33.1



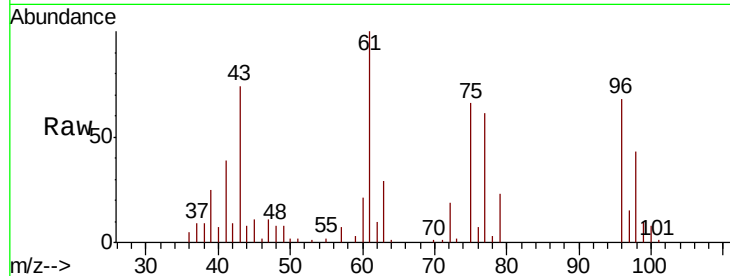


#27

cis-1,2-Dichloroethene
Concen: 4.228 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	304.6
98	64.5	0.0	129.2

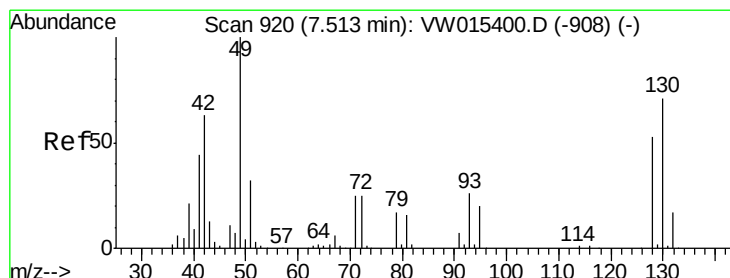
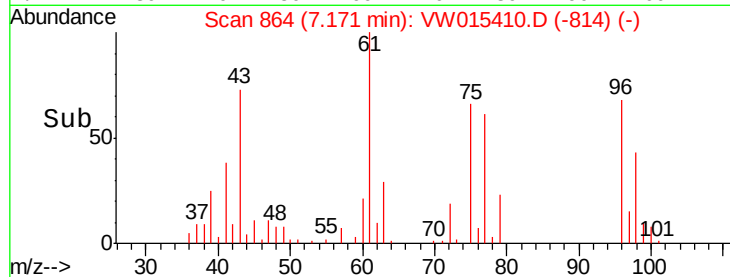
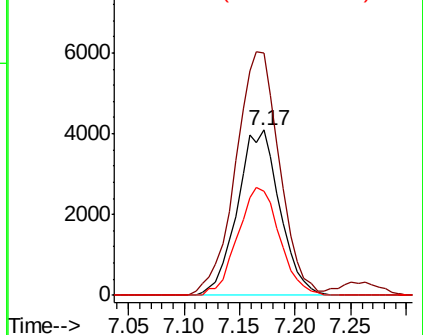


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

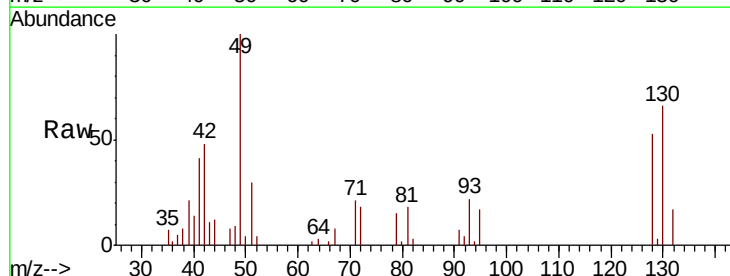
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 4.414 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.0
130	70.1	57.0	85.4

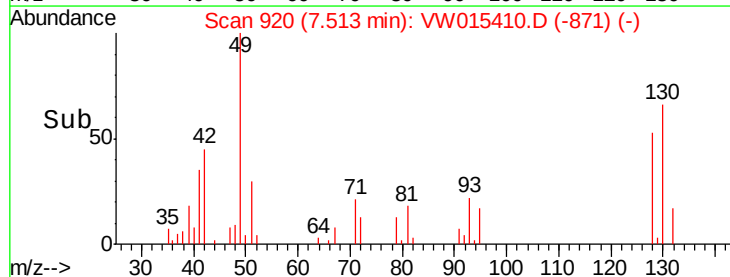
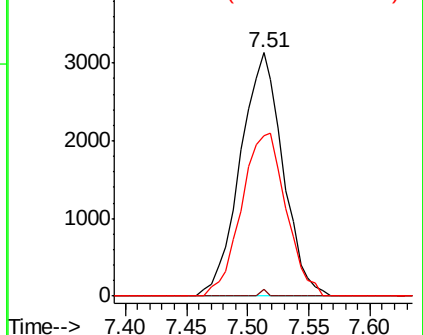


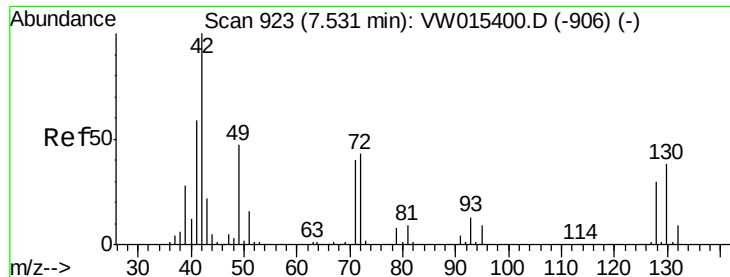
Abundance

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

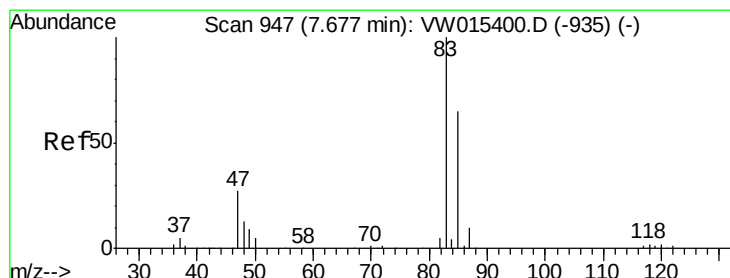
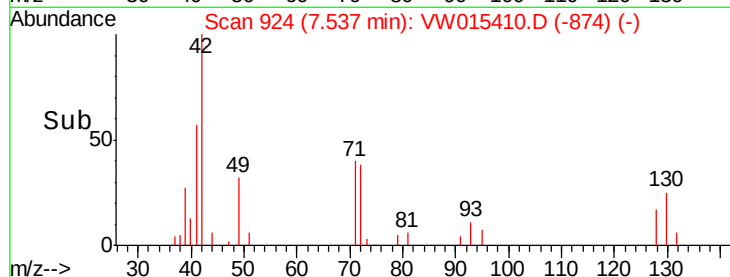
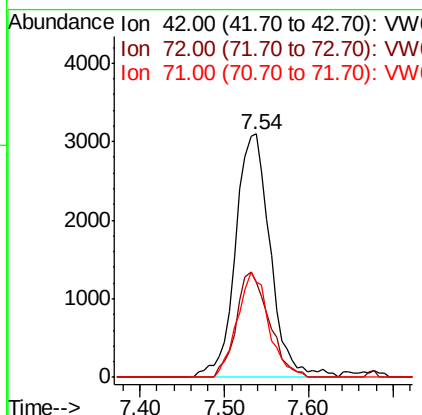
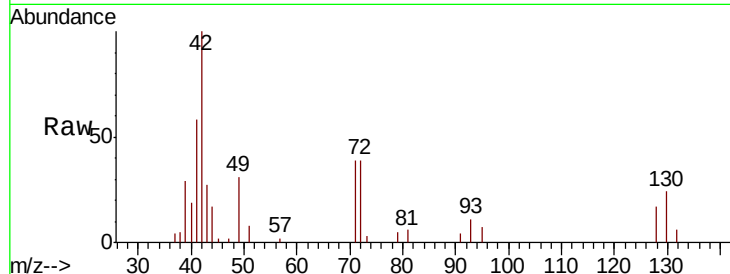




#29
Tetrahydrofuran
Concen: 22.949 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

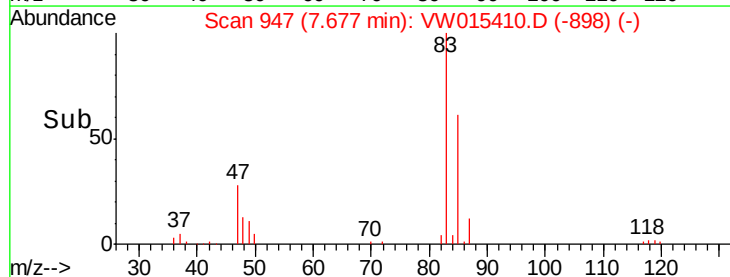
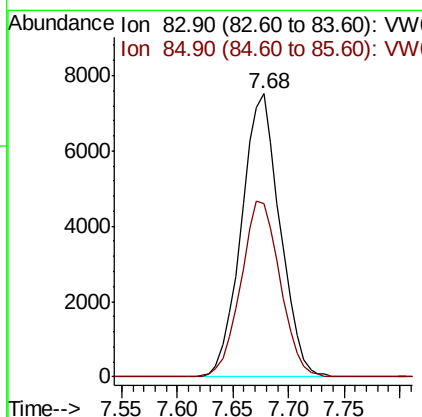
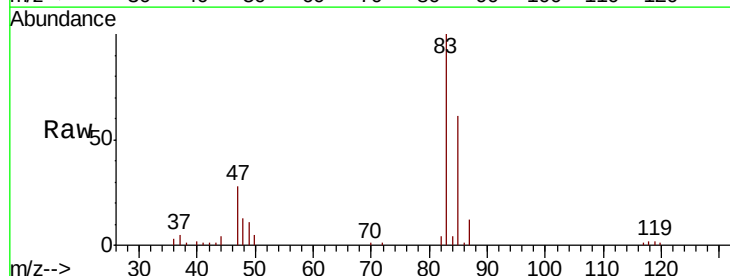
Instrument :
MSVOA_W
ClientSampled :

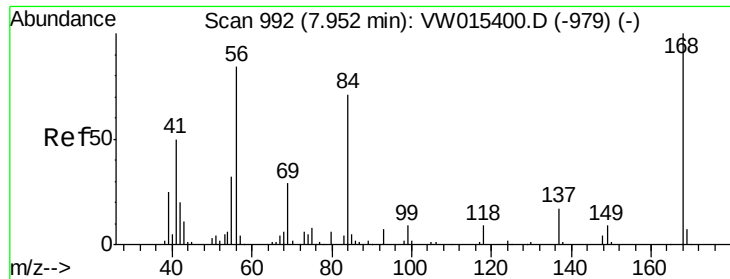
Tot Ion: 42 Resp: 8660
Ion Ratio Lower Upper
42 100
72 40.8 33.6 50.4
71 39.1 32.1 48.1



#30
Chloroform
Concen: 4.254 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 83 Resp: 18064
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.6

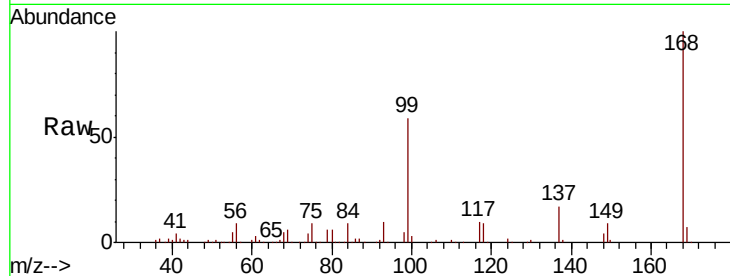




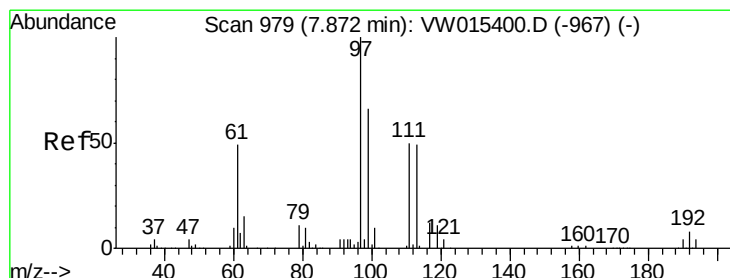
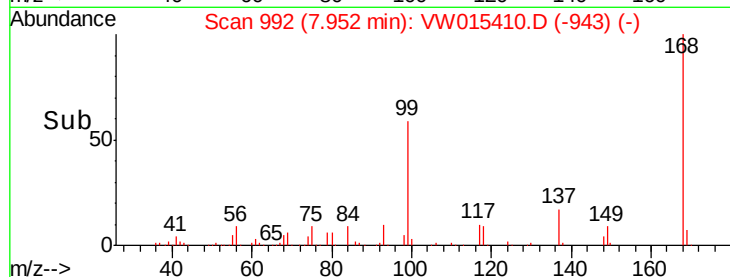
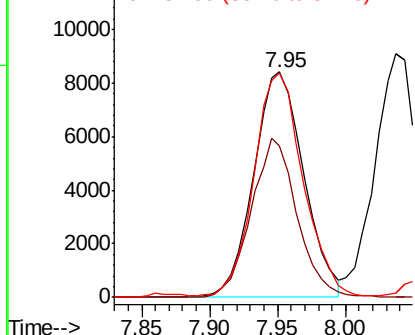
#31
Cyclohexane
Concen: 5.004 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 21714
Ion Ratio Lower Upper
56 100
69 66.9 27.2 40.8#
84 98.5 67.7 101.5

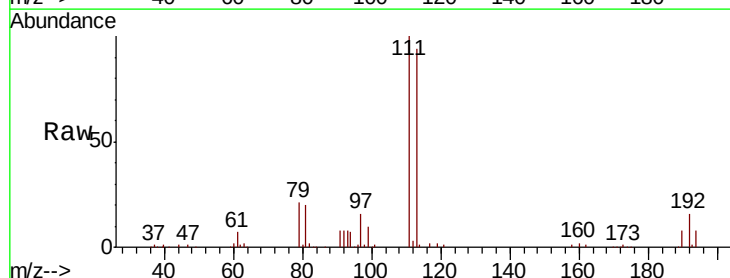


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

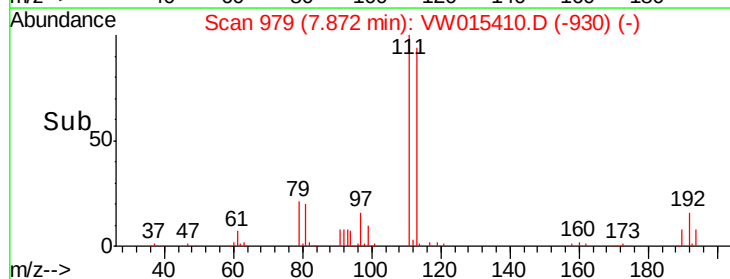
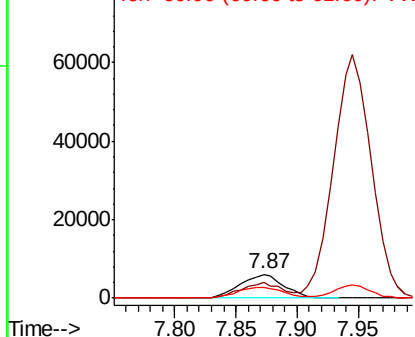


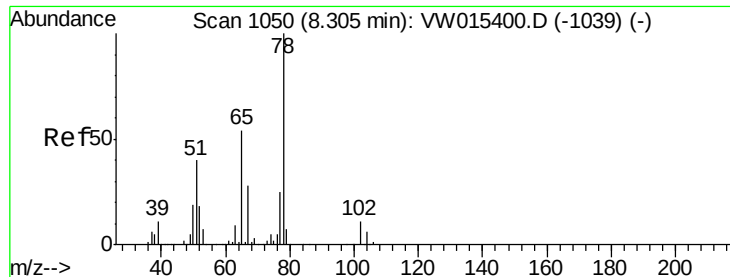
#32
1,1,1-Trichloroethane
Concen: 4.190 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 97 Resp: 14955
Ion Ratio Lower Upper
97 100
99 61.1 50.7 76.1
61 48.9 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

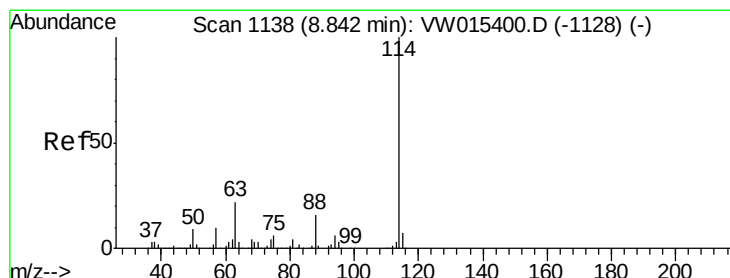
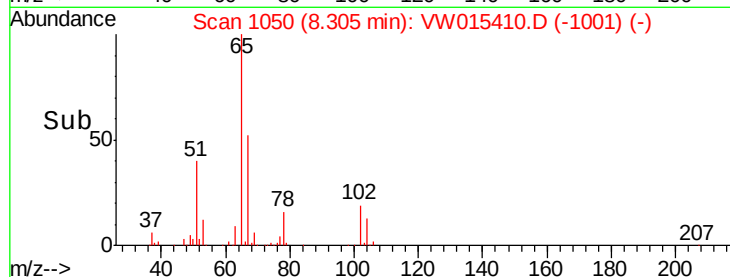
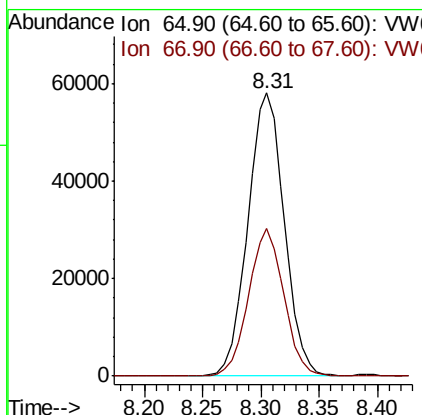
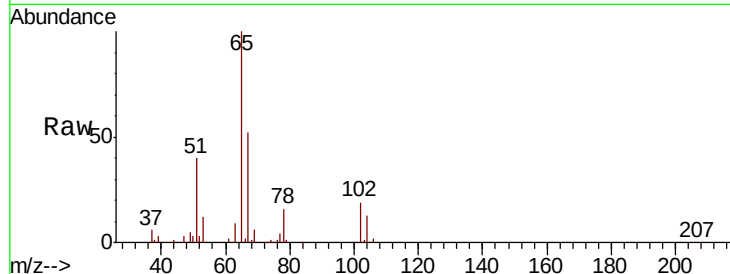




#33
 1,2-Dichloroethane-d4
 Concen: 53.499 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

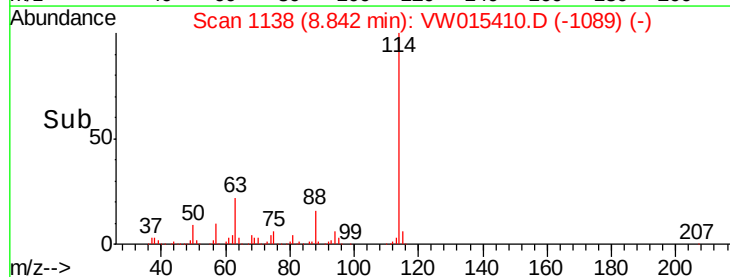
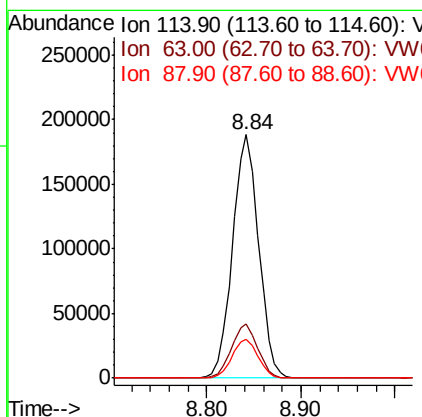
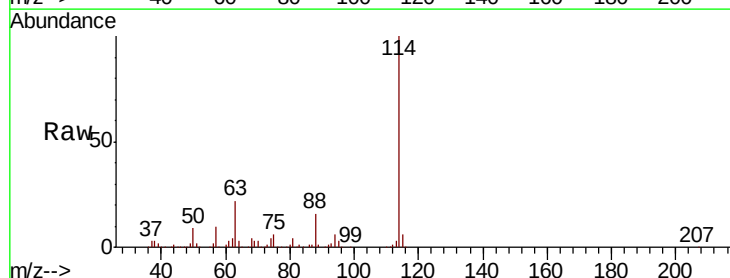
Instrument :
 MSVOA_W
 ClientSampleId :

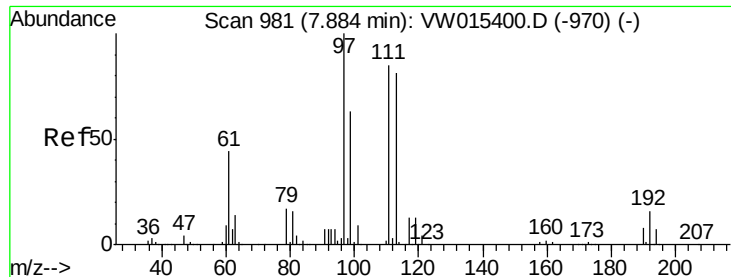
Tot Ion: 65 Resp: 126690
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 114 Resp: 362286
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.9 0.0 31.8

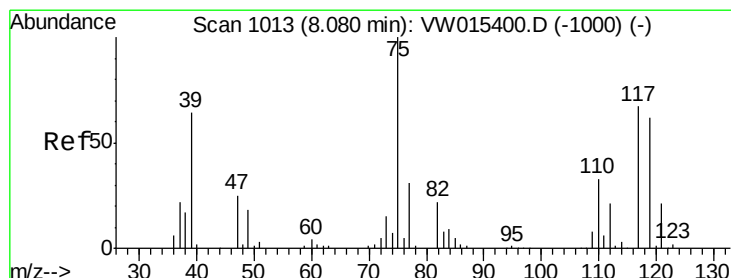
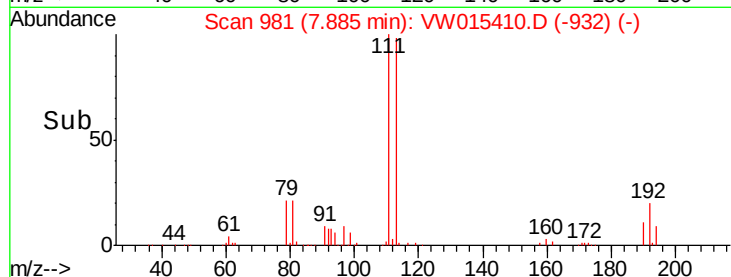
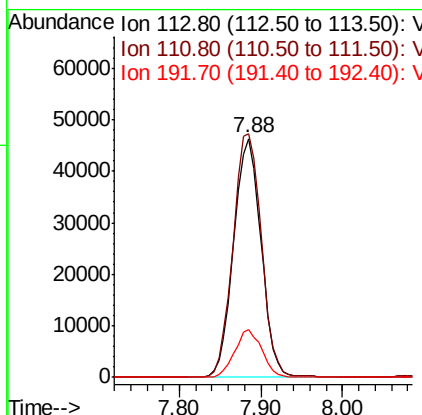
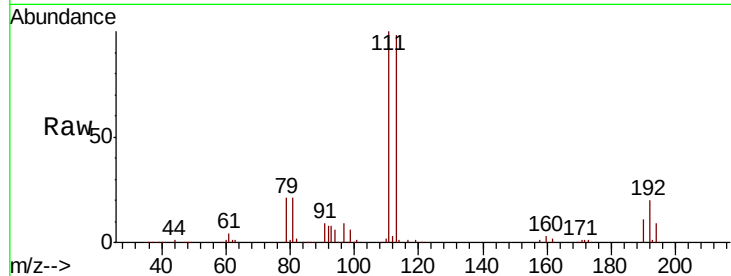




#35
 Dibromofluoromethane
 Concen: 51.694 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

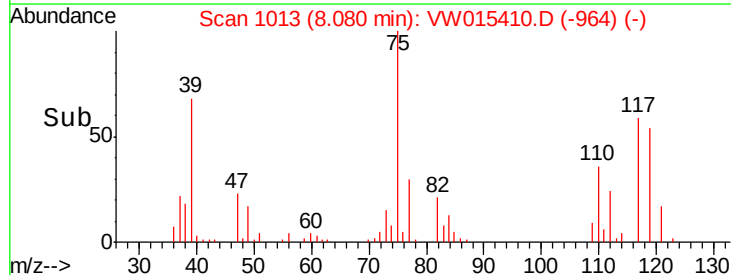
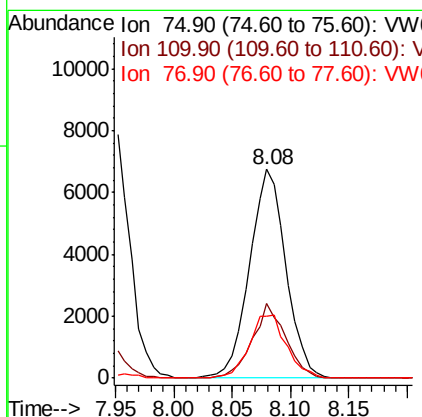
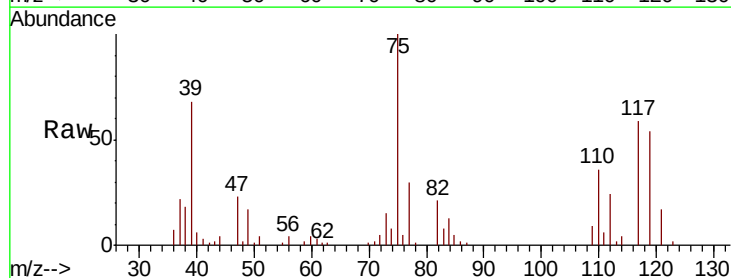
Instrument :
 MSVOA_W
 ClientSampleId :

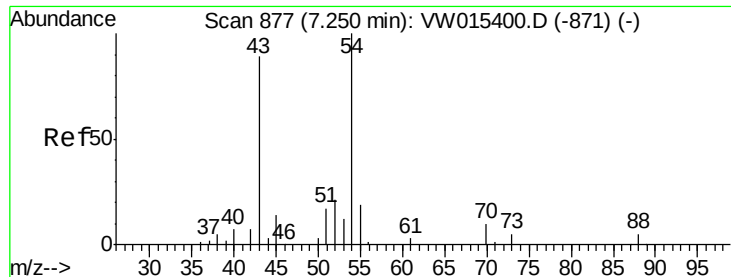
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.9	124.3
192	19.6	15.4	23.0



#36
 1,1-Dichloropropene
 Concen: 4.129 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.6	49.8
77	31.2	24.5	36.7

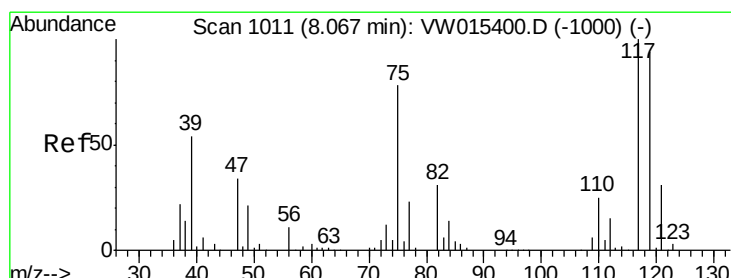
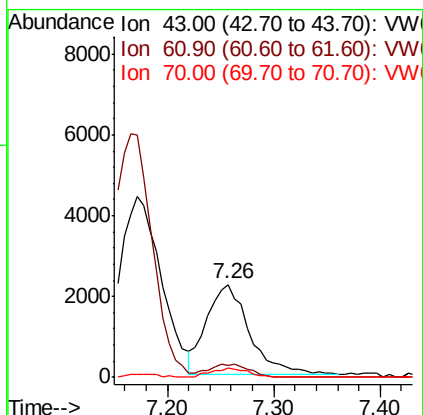
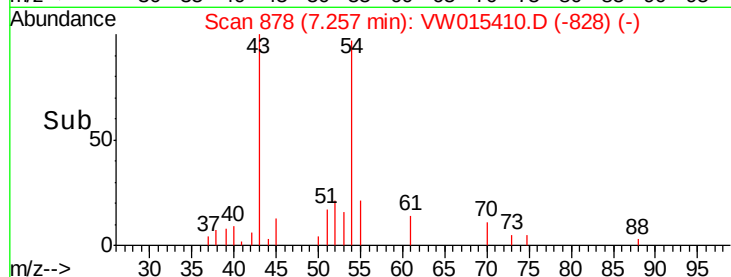
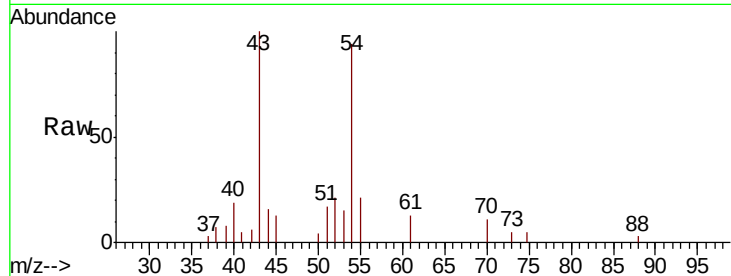




#37
Ethyl Acetate
Concen: 4.478 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

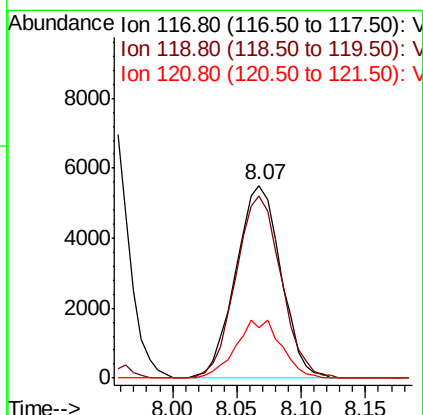
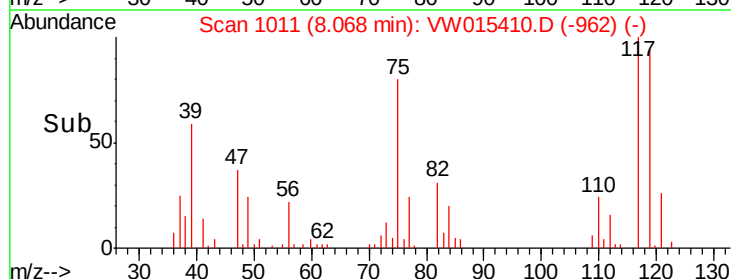
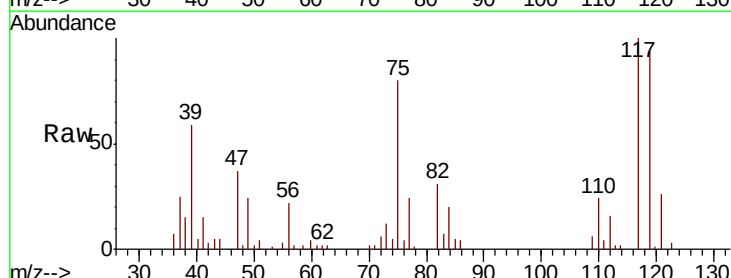
Instrument :
MSVOA_W
ClientSampleId :

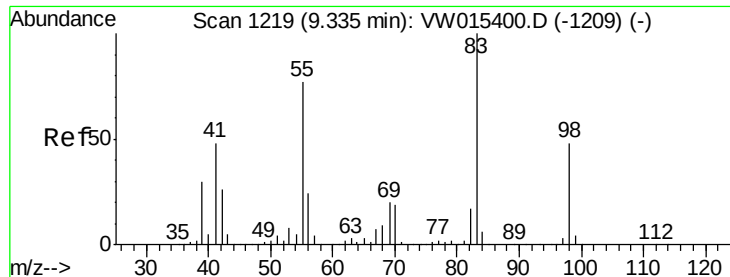
Tot Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 8.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 4.027 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 117 Resp: 13400
Ion Ratio Lower Upper
117 100
119 94.5 75.4 113.0
121 26.0 24.8 37.2

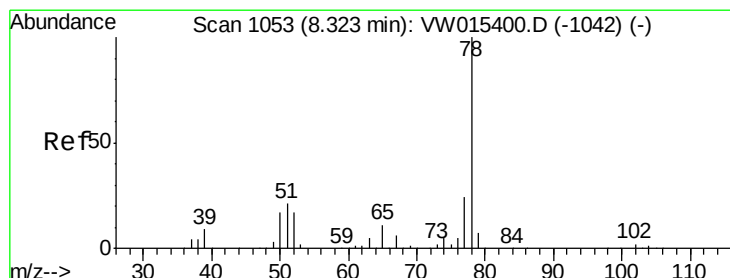
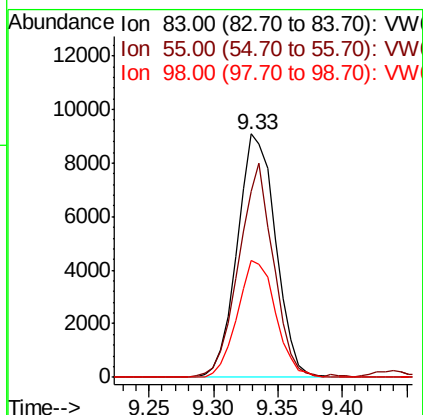
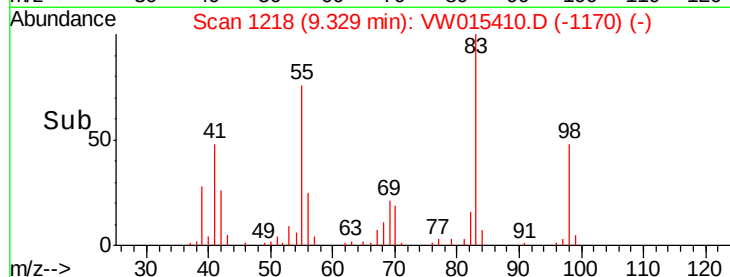
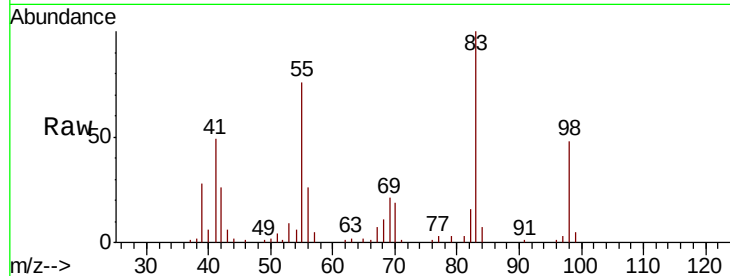




#39
Methylvlcyclohexane
Concen: 4.155 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

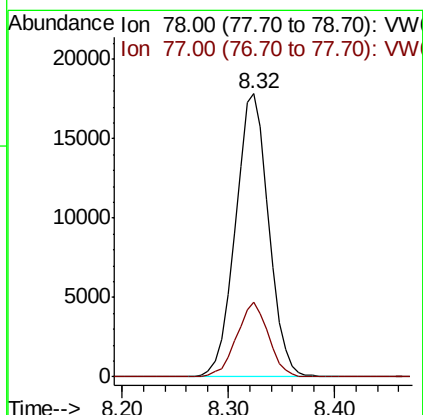
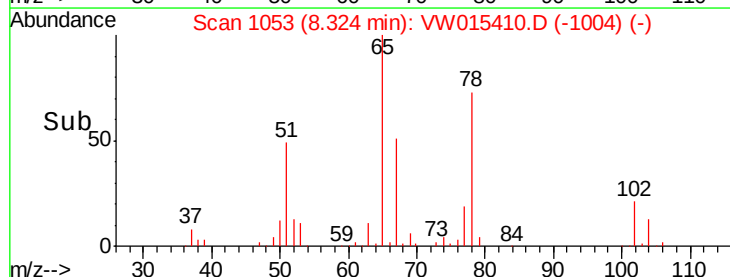
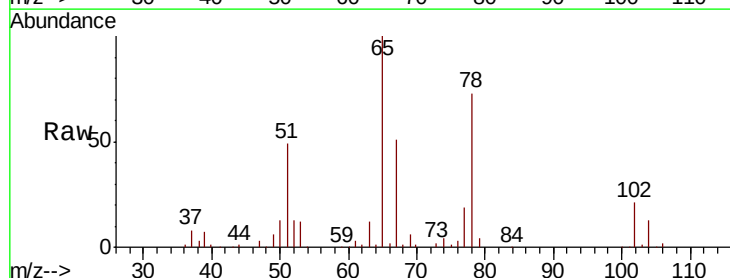
Instrument :
MSVOA_W
ClientSampleId :

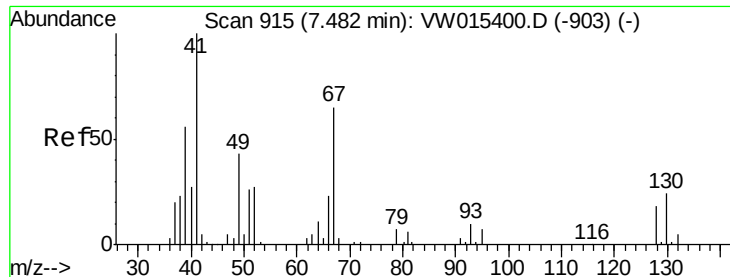
Tot Ion: 83 Resp: 18721
Ion Ratio Lower Upper
83 100
55 76.5 61.9 92.9
98 47.8 38.2 57.2



#40
Benzene
Concen: 4.021 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 78 Resp: 39036
Ion Ratio Lower Upper
78 100
77 26.5 19.0 28.4

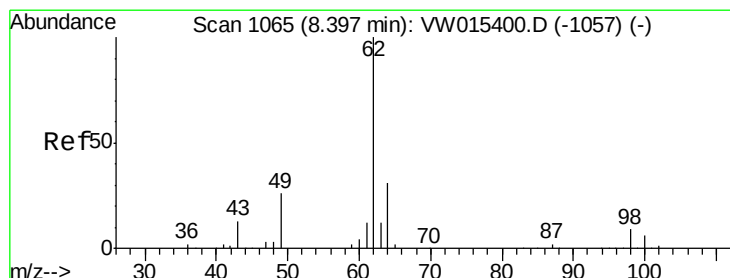
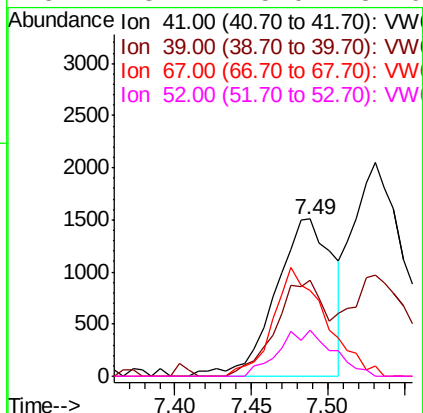
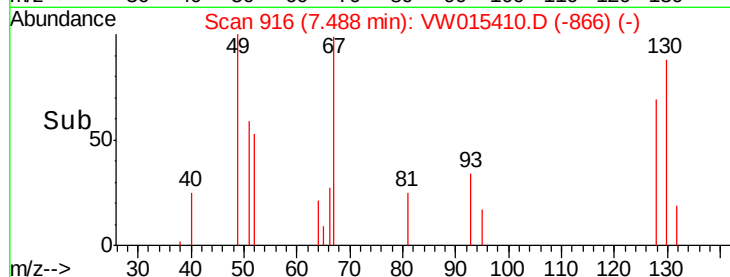
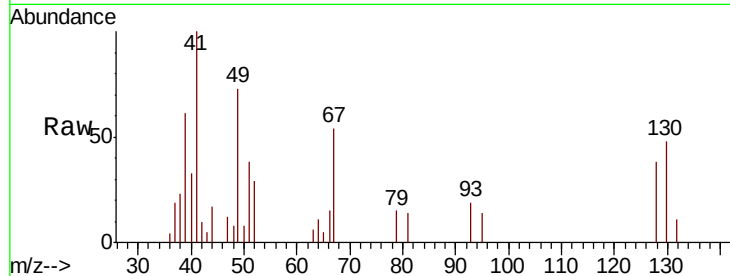




#41
Methacrylonitrile
Concen: 4.506 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

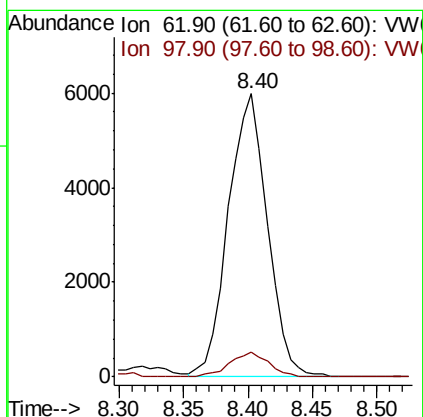
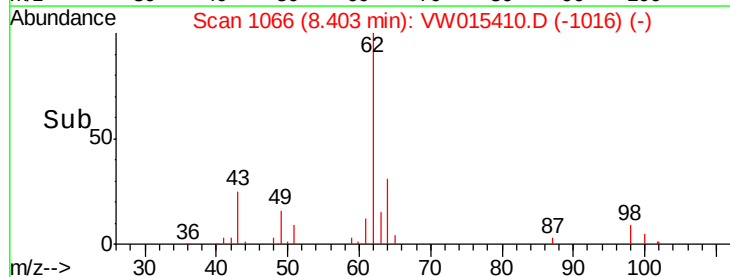
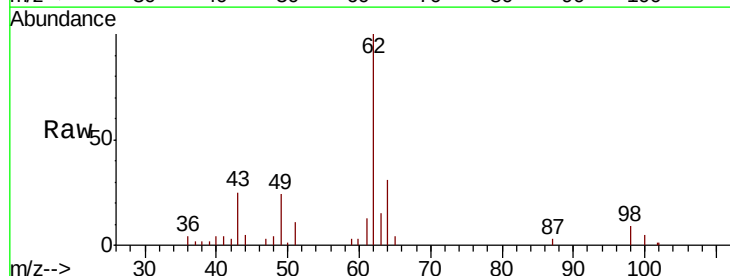
Instrument :
MSVOA_W
ClientSampled :

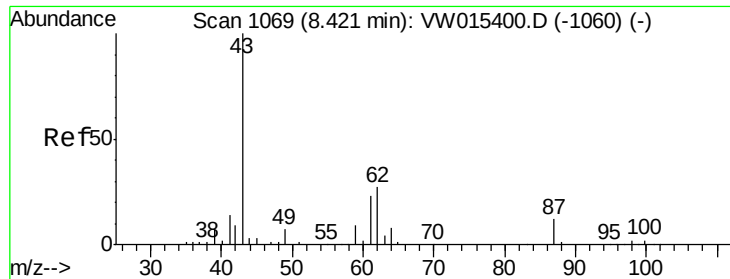
Tot Ion:	41	Resp:	3932
Ion	Ratio	Lower	Upper
41	100		
39	51.5	46.2	69.4
67	63.1	56.2	84.2
52	28.1	25.0	37.6



#42
1,2-Dichloroethane
Concen: 4.279 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:	62	Resp:	12653
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 4.119 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

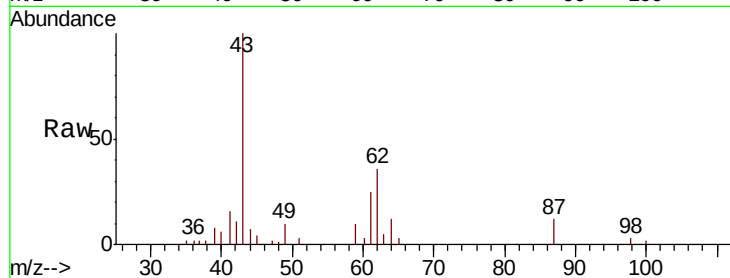
Tot Ion: 43 Resp: 11965

Ion Ratio Lower Upper

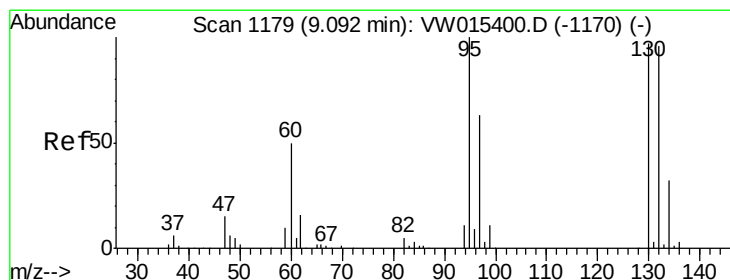
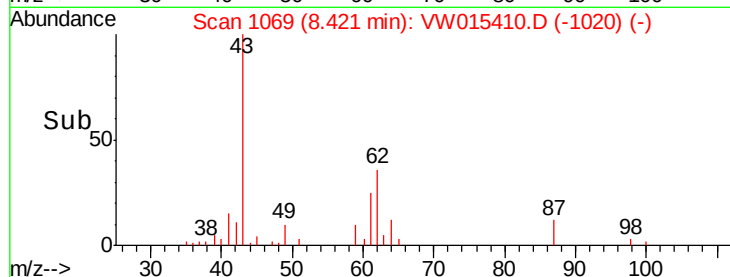
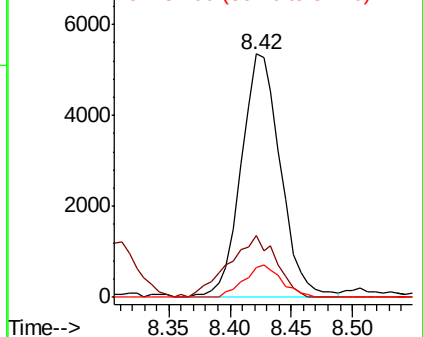
43 100

61 30.6 24.3 36.5

87 12.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.087 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015410.D

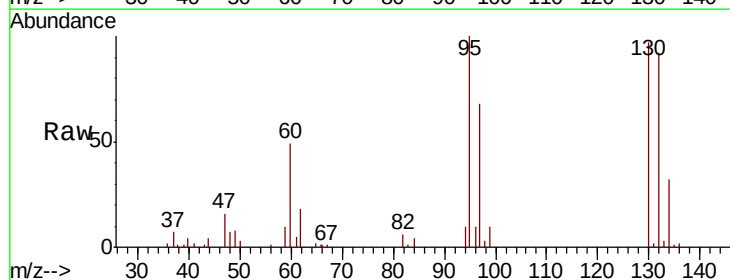
Acq: 06 May 2020 12:47

Tgt Ion:130 Resp: 10283

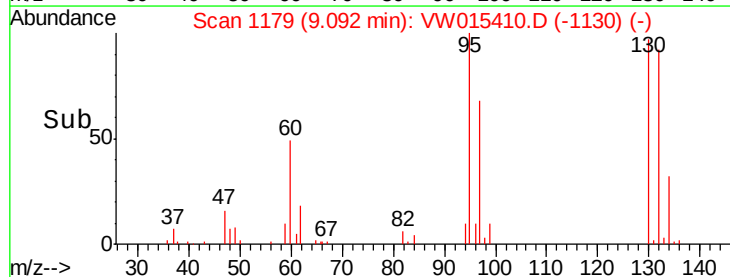
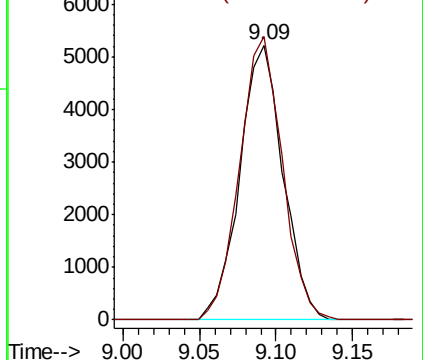
Ion Ratio Lower Upper

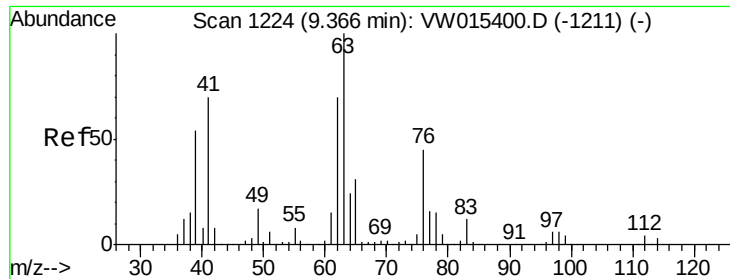
130 100

95 102.9 0.0 205.8



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

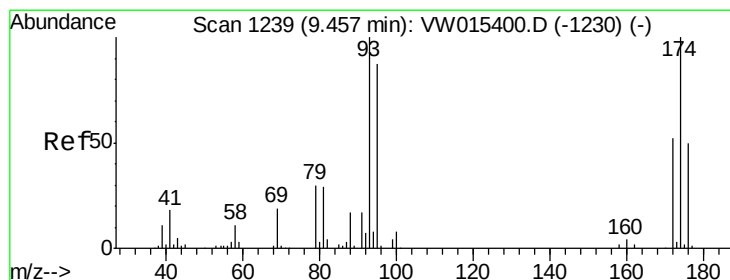
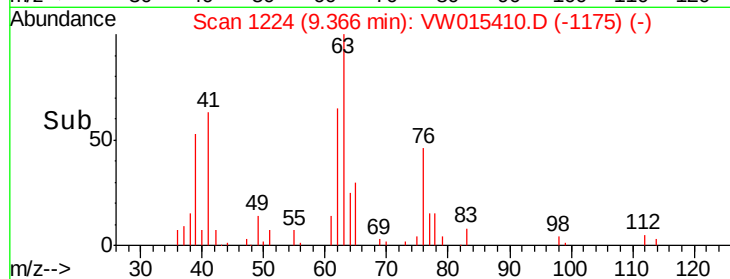
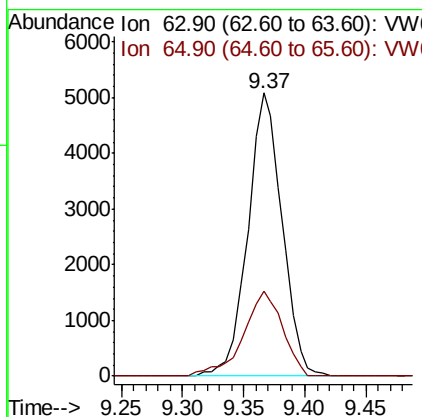
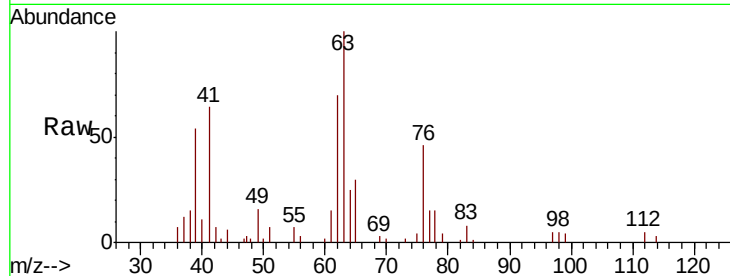




#45
 1,2-Dichloropropane
 Concen: 4.132 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

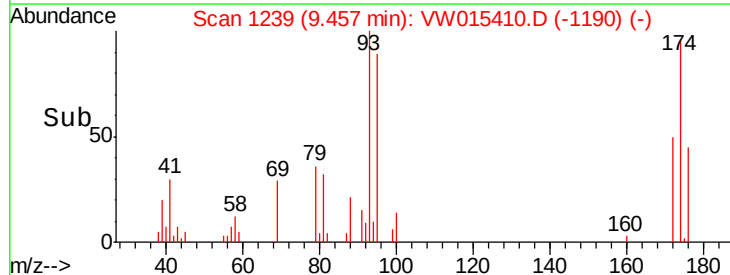
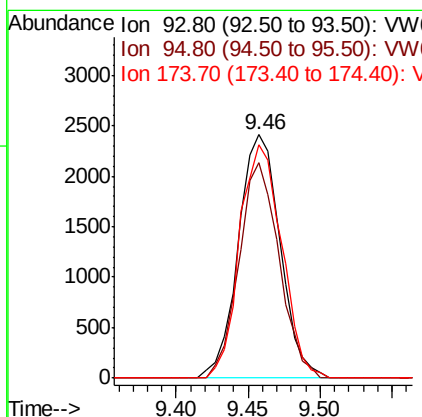
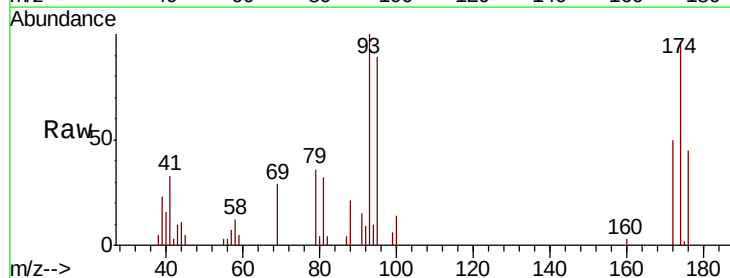
Instrument :
 MSVOA_W
 ClientSampleId :

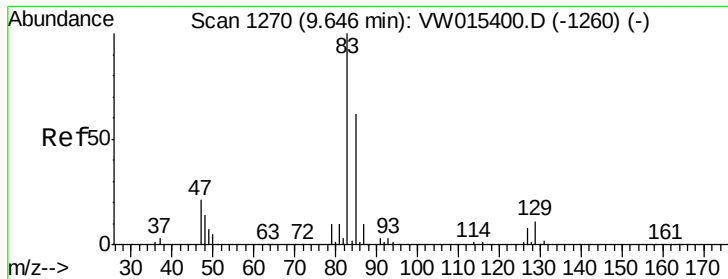
Tot Ion: 63 Resp: 9908
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6



#46
 Dibromomethane
 Concen: 4.073 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 93 Resp: 4858
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.0 100.4
 174 96.0 78.4 117.6

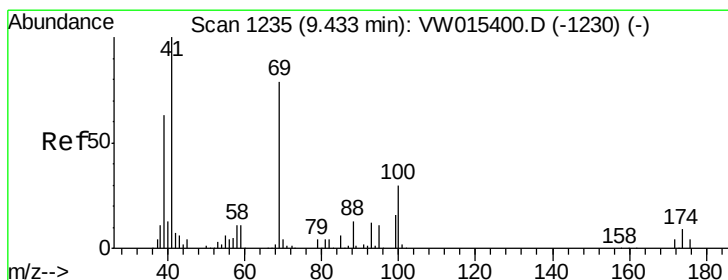
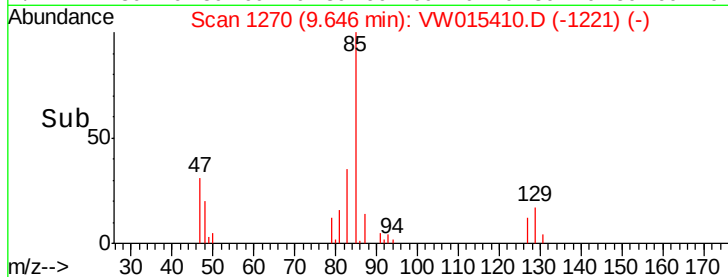
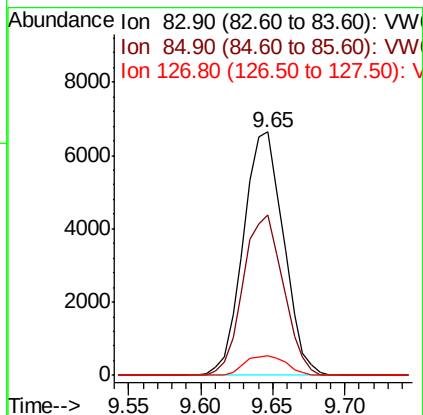
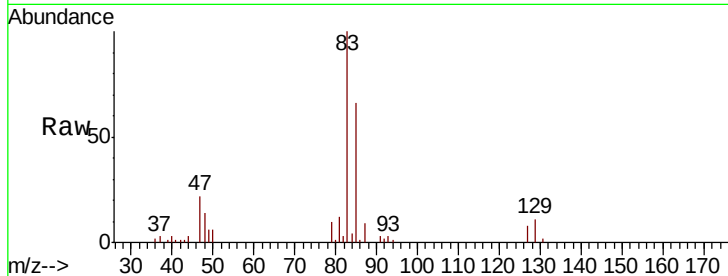




#47
 Bromodichloromethane
 Concen: 3.948 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

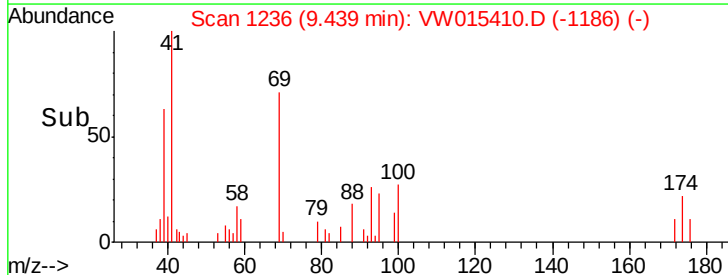
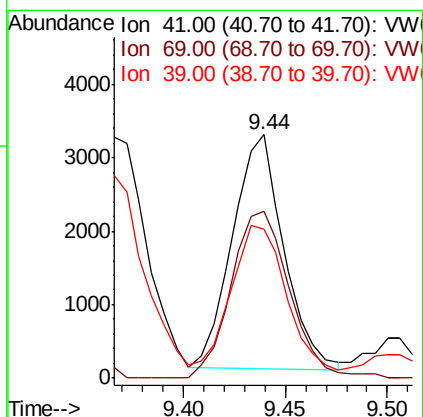
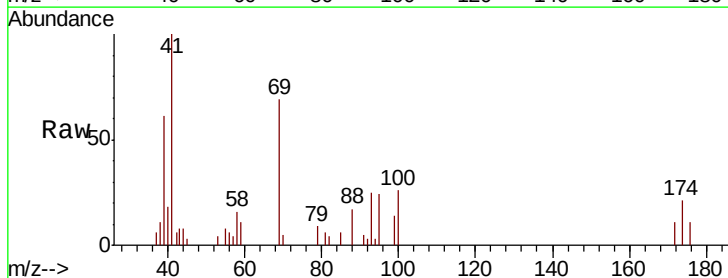
Instrument :
 MSVOA_W
 ClientSampleId :

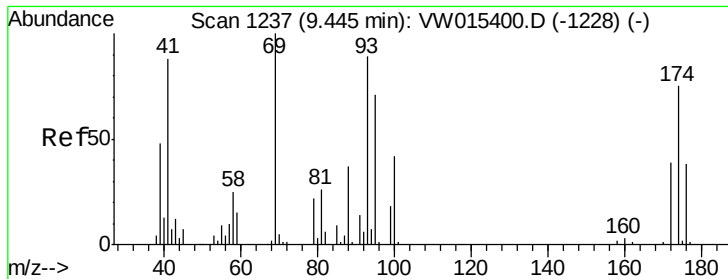
Tot Ion	83	Resp	12835
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.4	74.0
127	8.1	6.4	9.6



#48
 Methyl methacrylate
 Concen: 4.134 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion	41	Resp	5547
Ion Ratio	Lower	Upper	
41	100		
69	81.7	66.2	99.4
39	73.8	51.1	76.7





#49

1,4-Dioxane

Concen: 97.266 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :

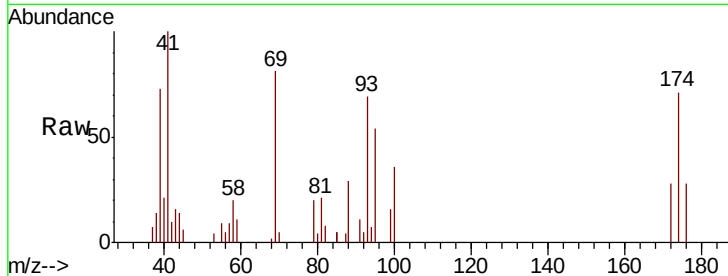
Tot Ion: 88 Resp: 1460

Ion Ratio Lower Upper

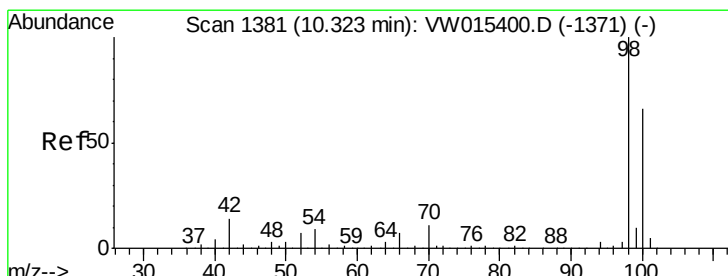
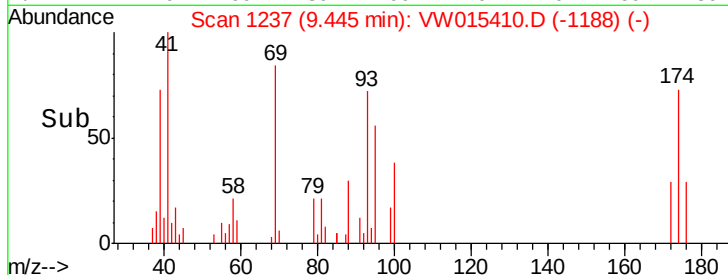
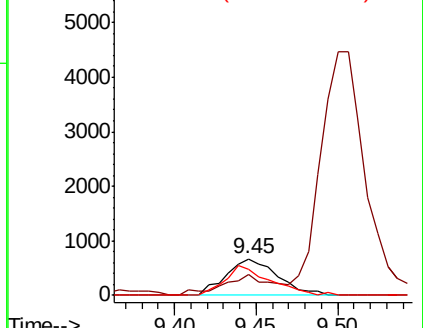
88 100

43 55.3 30.6 45.8#

58 71.4 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: 52.228 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015410.D

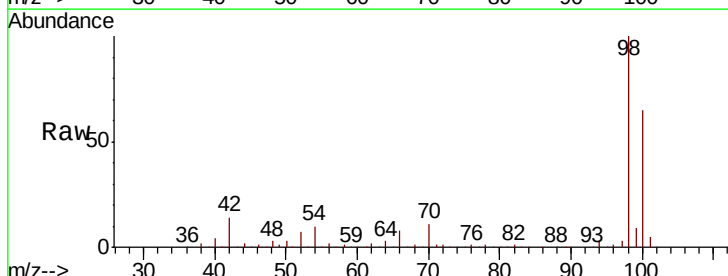
Acq: 06 May 2020 12:47

Tgt Ion: 98 Resp: 449431

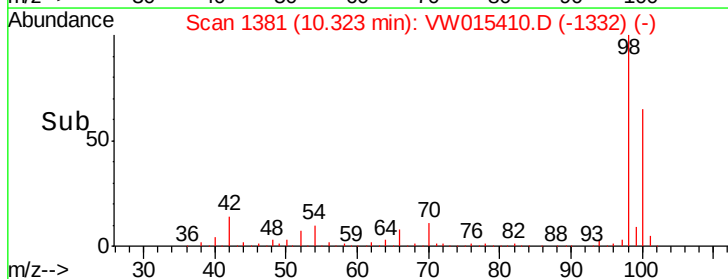
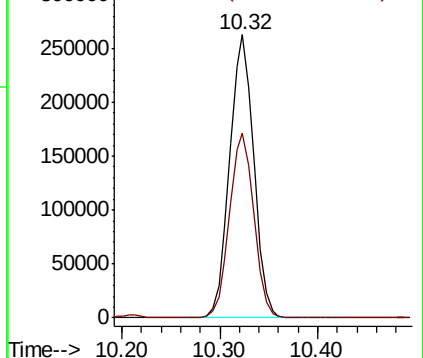
Ion Ratio Lower Upper

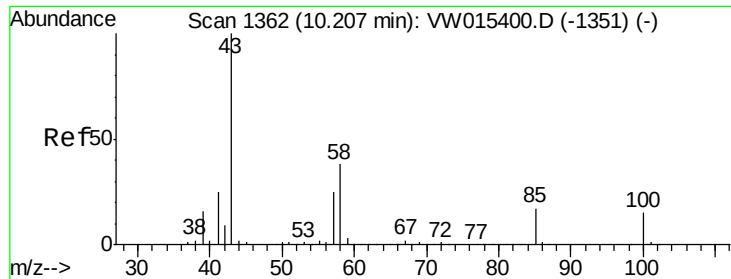
98 100

100 65.9 52.7 79.1



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

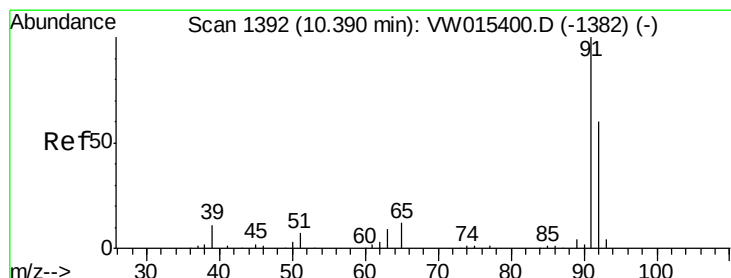
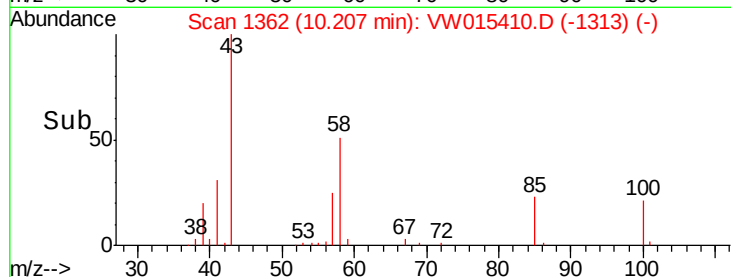
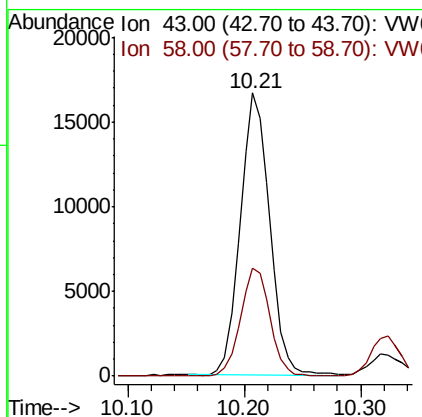
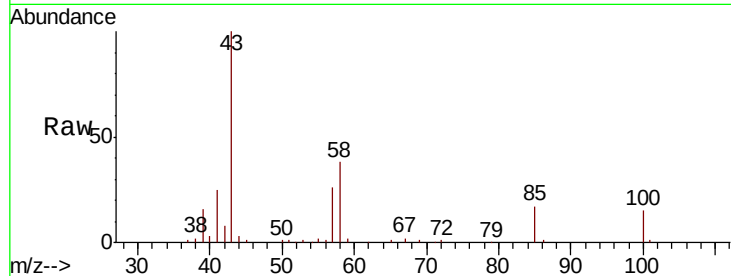




#51
 4-Methyl-2-Pentanone
 Concen: 21.590 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

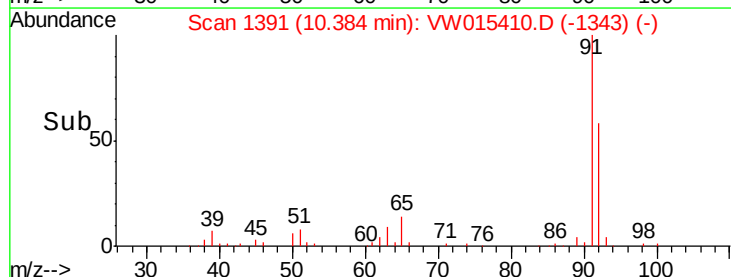
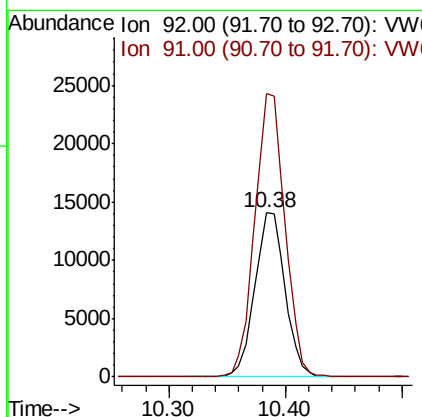
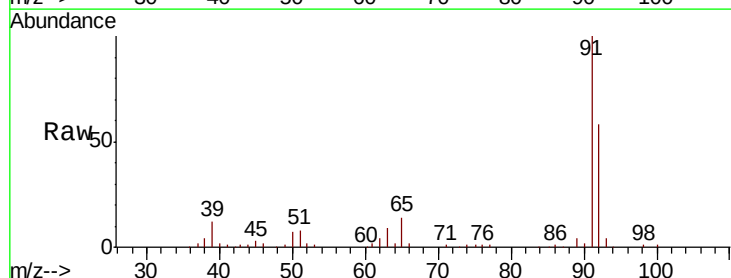
Instrument :
 MSVOA_W
 ClientSampled :

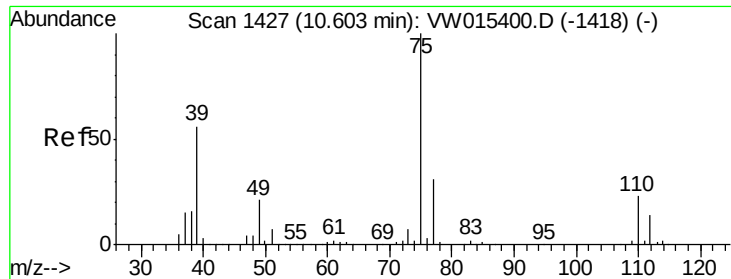
Tot Ion: 43 Resp: 29389
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2



#52
 Toluene
 Concen: 4.013 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 92 Resp: 25313
 Ion Ratio Lower Upper
 92 100
 91 172.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 3.931 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

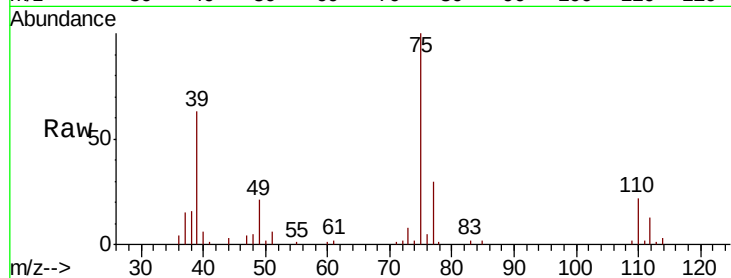
ClientSampleId :

Tot Ion: 75 Resp: 13043

Ion Ratio Lower Upper

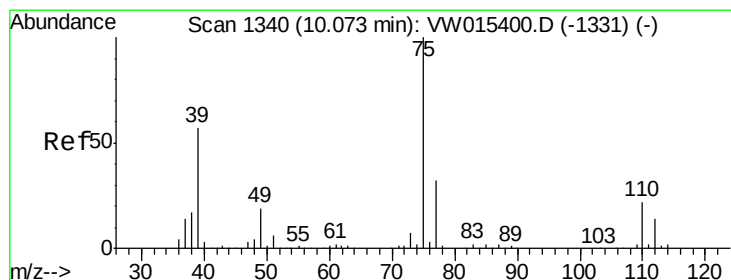
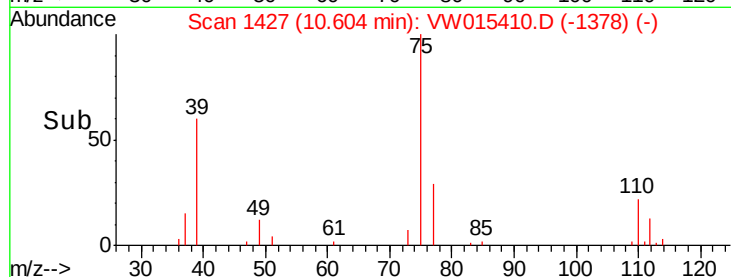
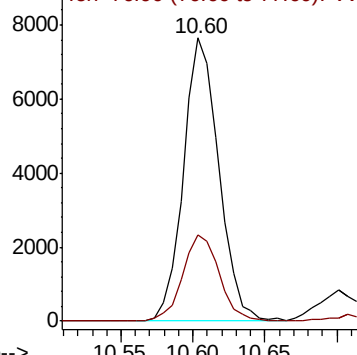
75 100

77 30.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 3.938 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

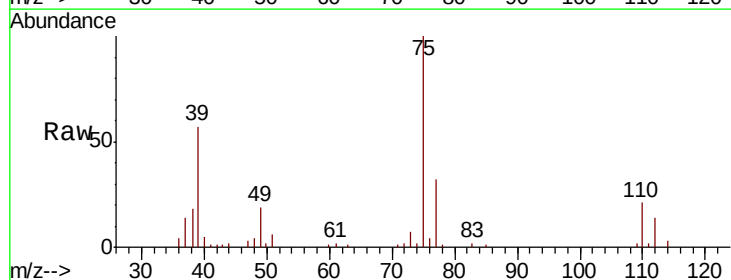
Tgt Ion: 75 Resp: 15383

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

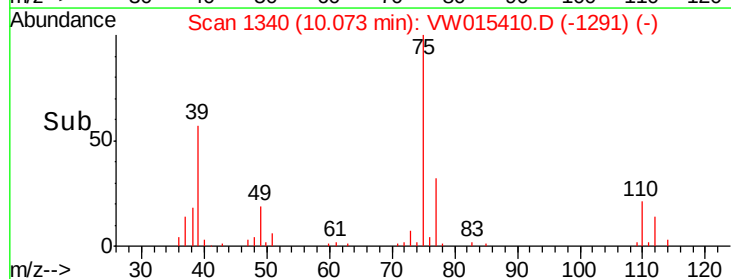
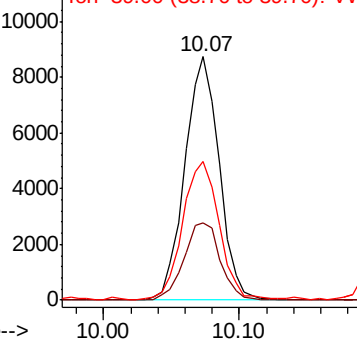
39 56.9 45.6 68.4

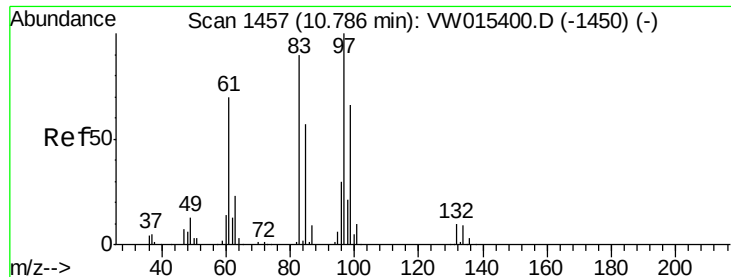


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 4.135 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 6974

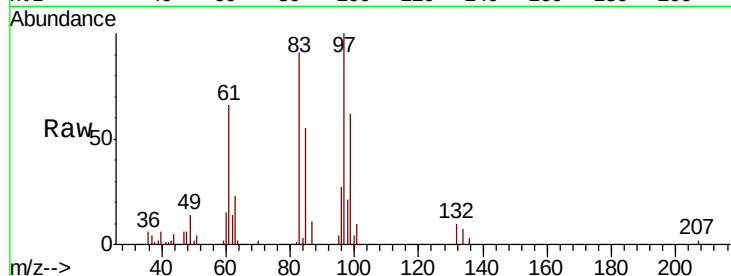
Ion Ratio Lower Upper

97 100

83 91.3 72.2 108.4

85 55.3 45.2 67.8

99 62.2 52.6 78.8



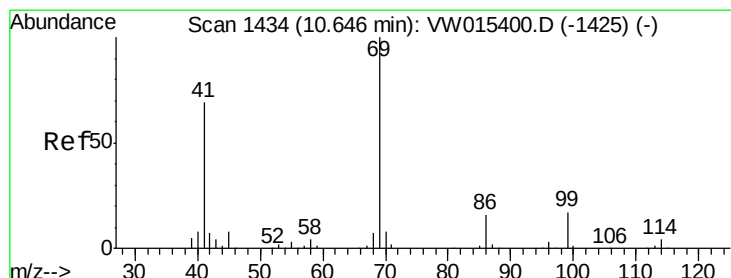
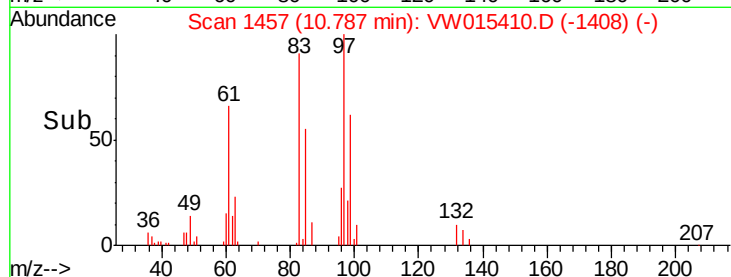
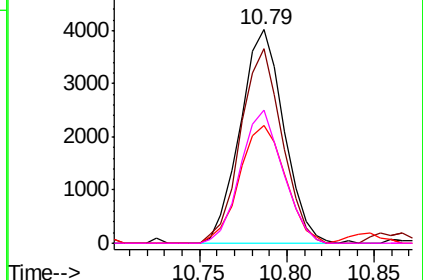
Abundance

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: 4.032 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

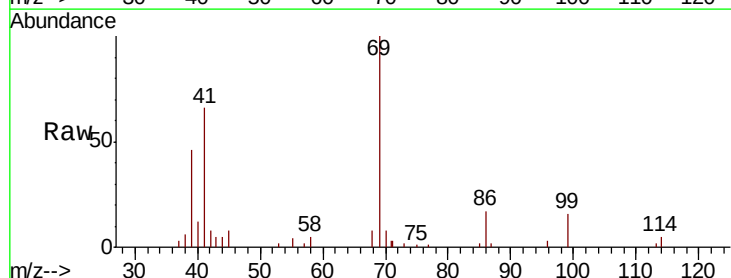
Tgt Ion: 69 Resp: 9343

Ion Ratio Lower Upper

69 100

41 70.7 55.3 82.9

39 41.4 31.9 47.9

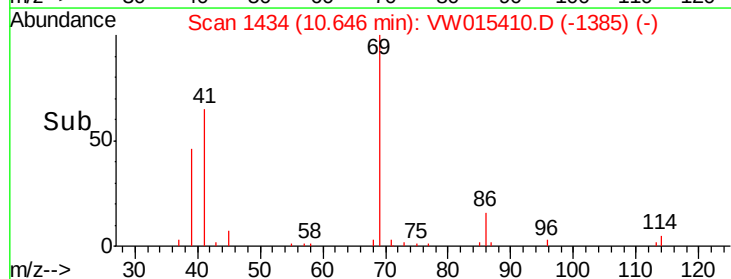
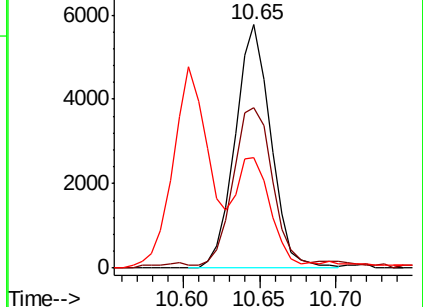


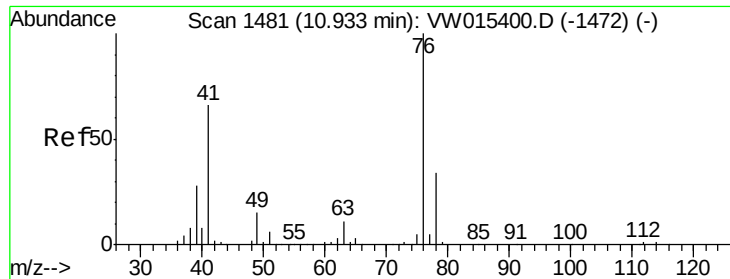
Abundance

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: 4.140 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

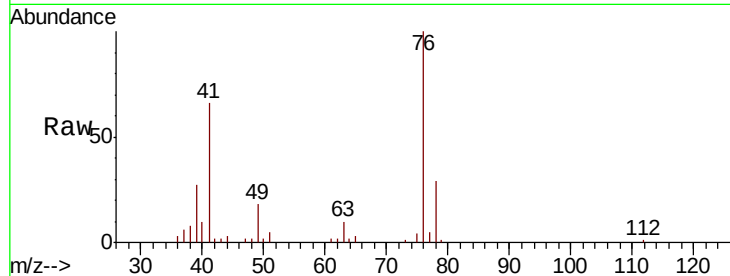
ClientSampleId :

Tot Ion: 76 Resp: 12555

Ion Ratio Lower Upper

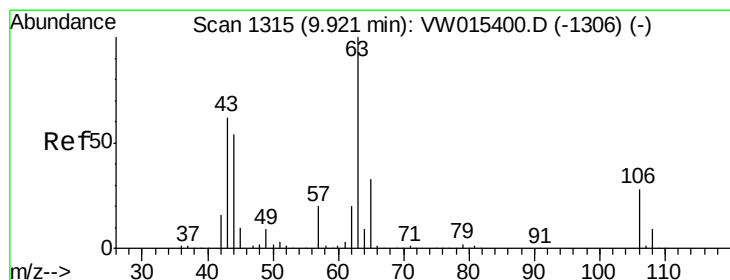
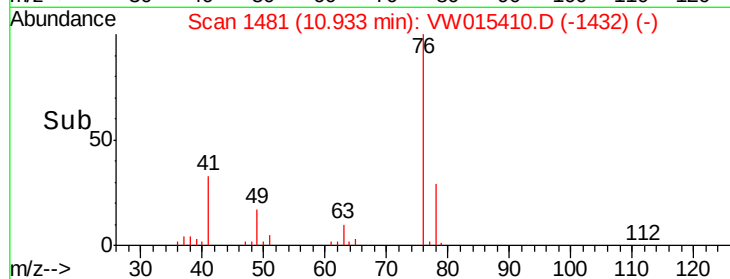
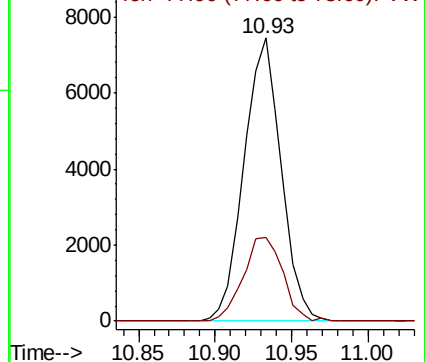
76 100

78 31.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 21.652 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015410.D

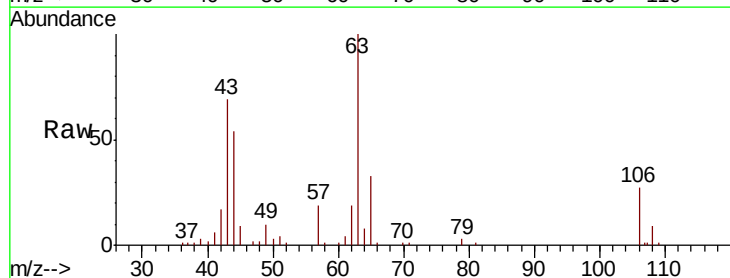
Acq: 06 May 2020 12:47

Tgt Ion: 63 Resp: 24411

Ion Ratio Lower Upper

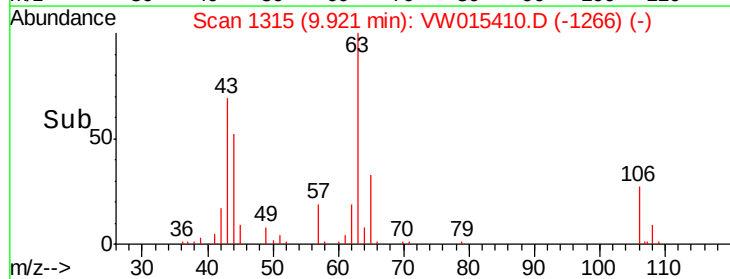
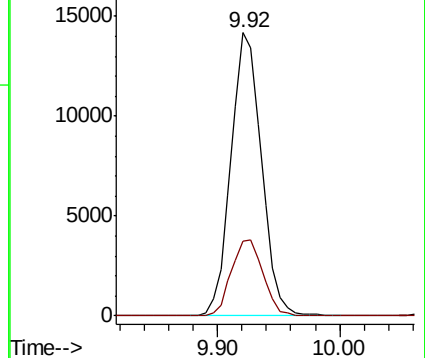
63 100

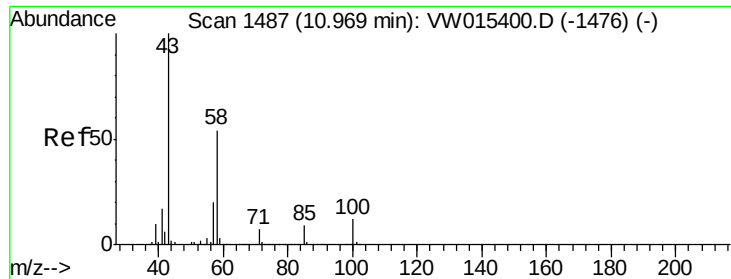
106 27.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

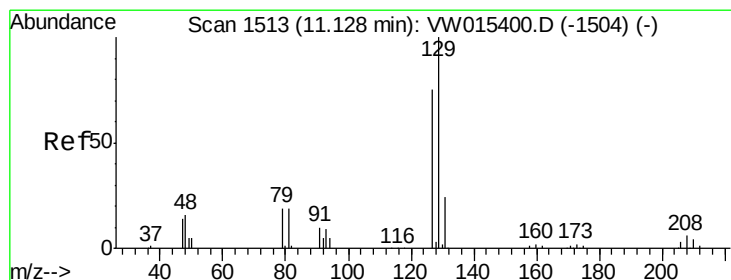
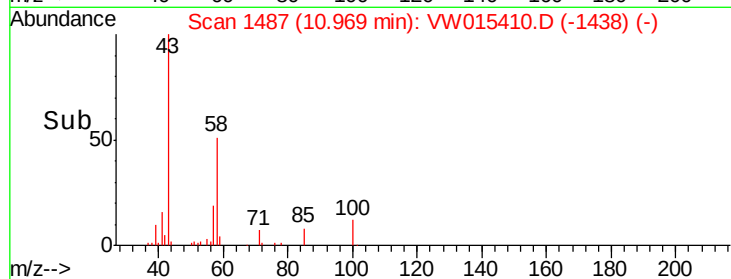
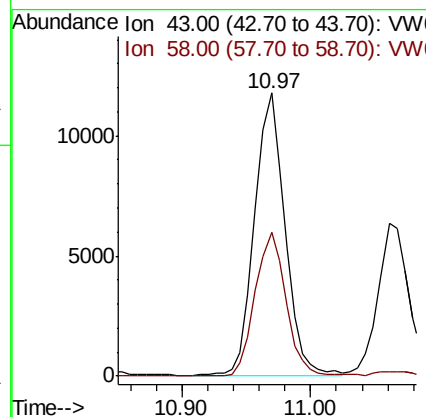
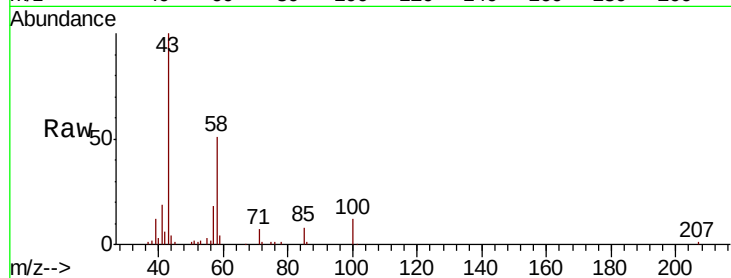




#59
2-Hexanone
Concen: 21.011 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

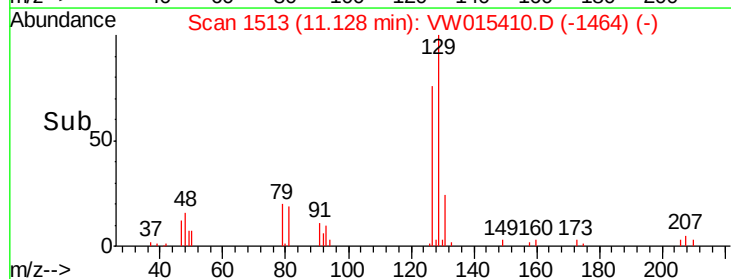
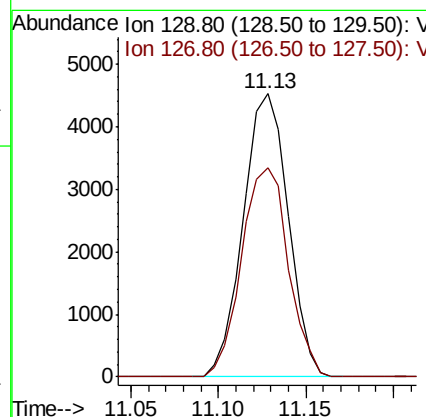
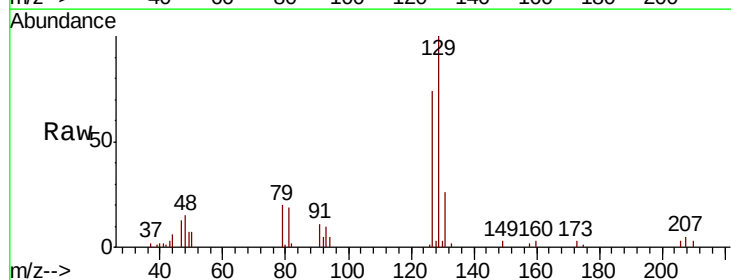
Instrument :
MSVOA_W
ClientSampleId :

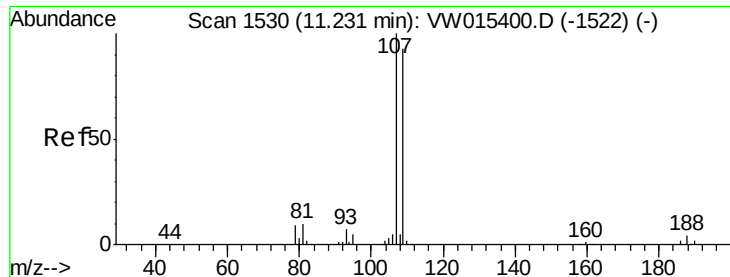
Tot Ion: 43 Resp: 19352
Ion Ratio Lower Upper
43 100
58 51.4 26.7 80.0



#60
Dibromochloromethane
Concen: 3.997 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 129 Resp: 8108
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 3.994 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

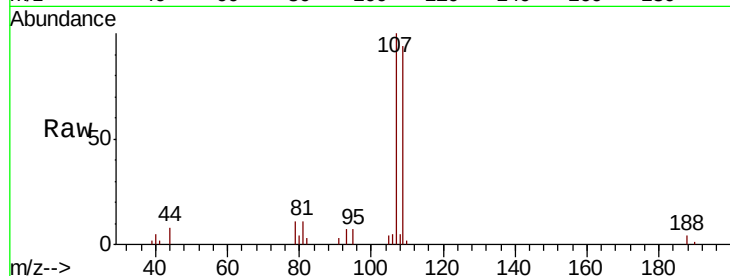
ClientSampleId :

Tot Ion: 107 Resp: 6379

Ion Ratio Lower Upper

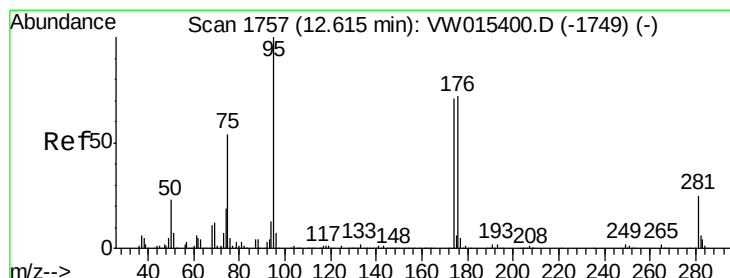
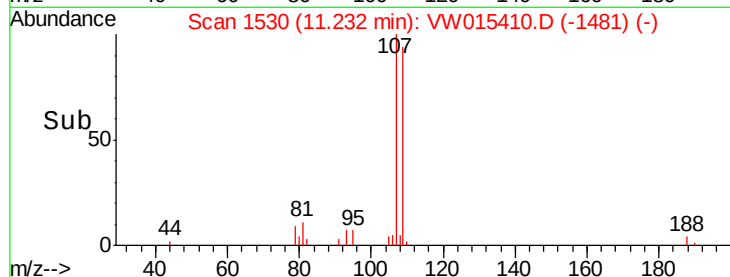
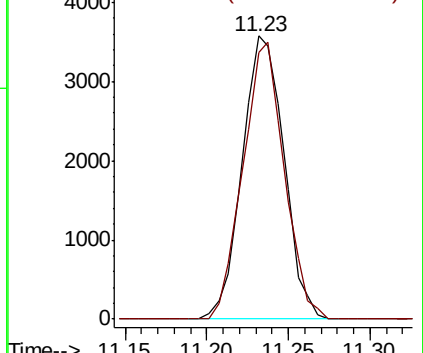
107 100

109 96.6 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.326 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

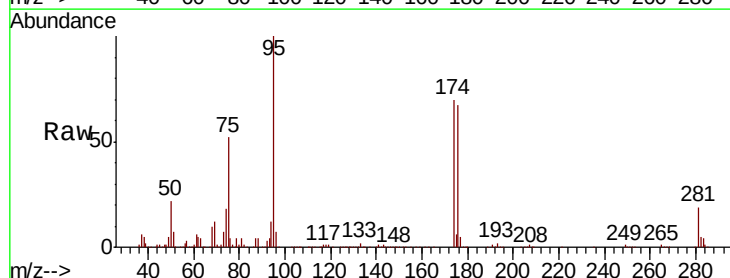
Tgt Ion: 95 Resp: 163089

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.6

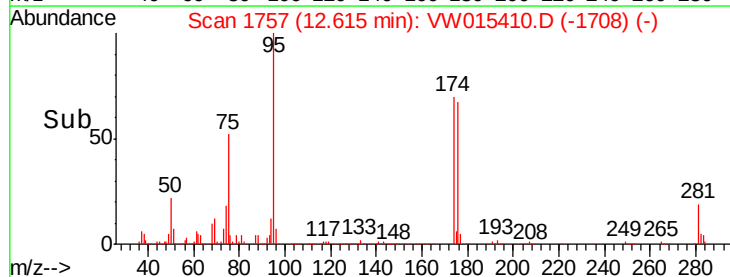
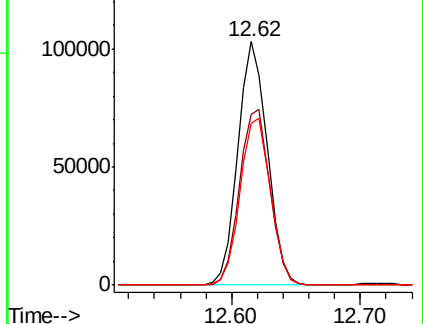
176 70.9 0.0 144.4

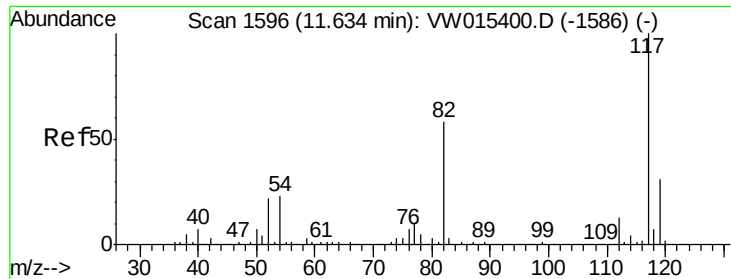


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

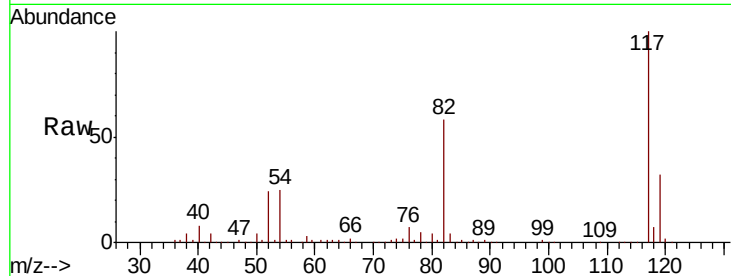




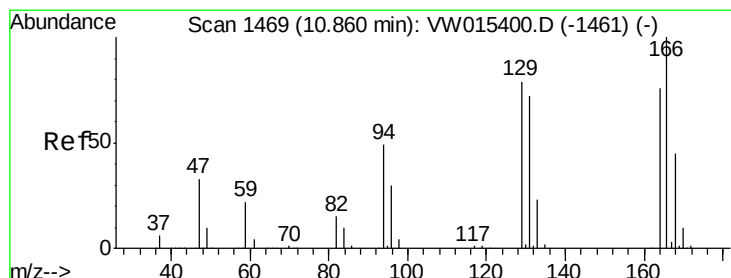
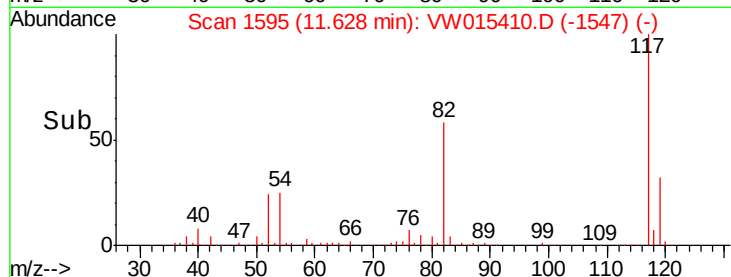
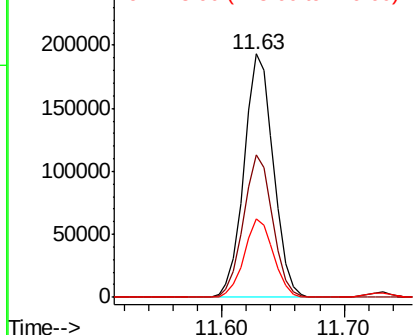
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 321315
Ion Ratio Lower Upper
117 100
82 58.4 46.4 69.6
119 32.1 24.6 37.0

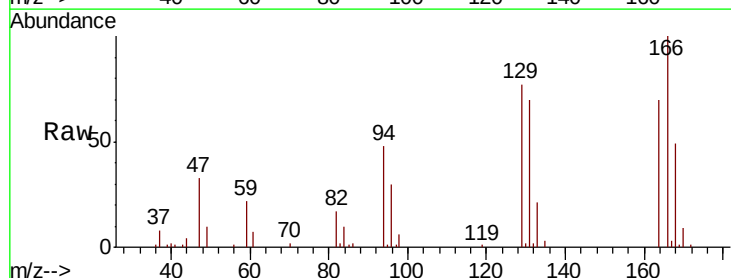


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

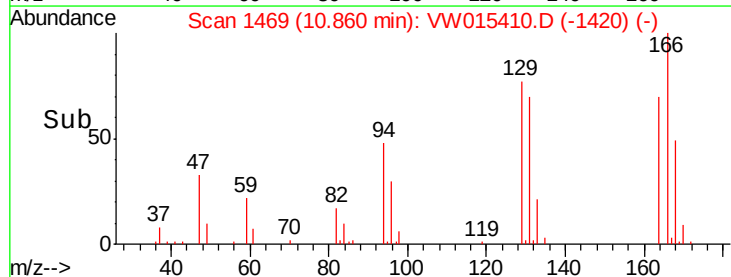
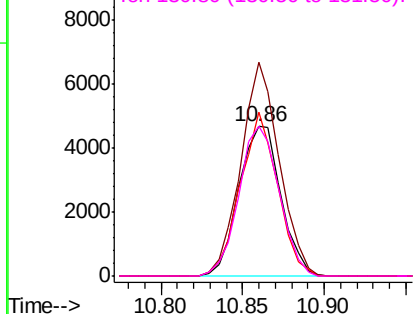


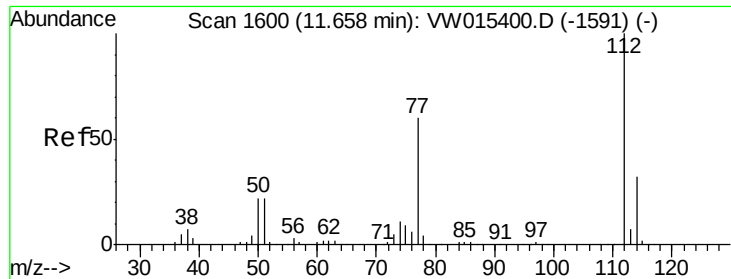
#64
Tetrachloroethene
Concen: 4.286 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:164 Resp: 8417
Ion Ratio Lower Upper
164 100
166 143.1 104.9 157.3
129 109.8 82.7 124.1
131 100.4 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

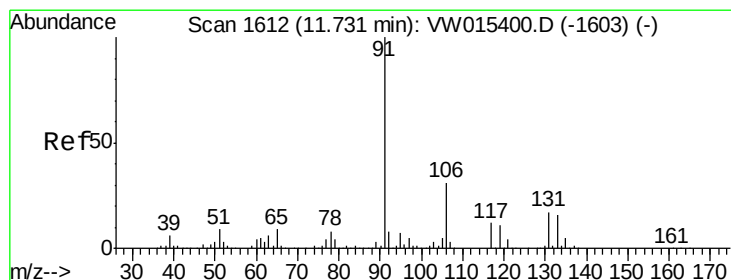
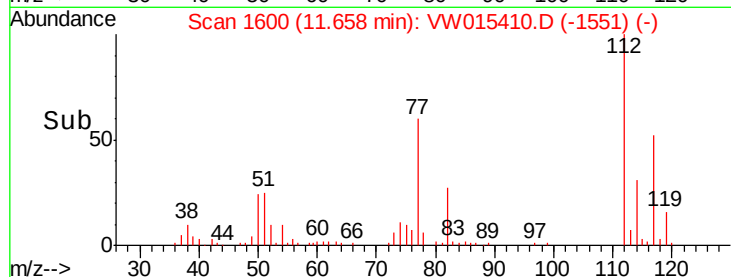
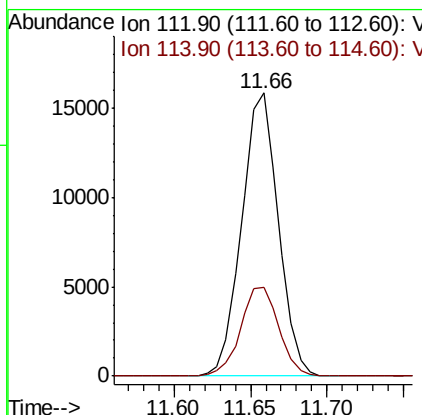
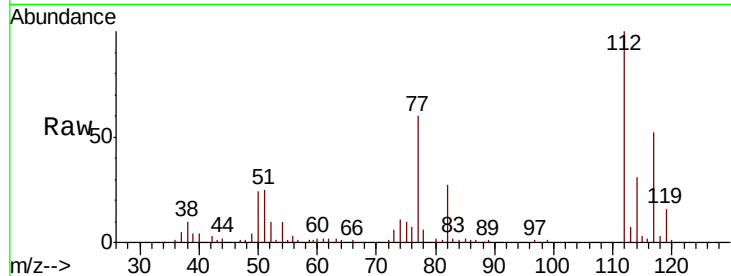




#65
Chlorobenzene
Concen: 4.163 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

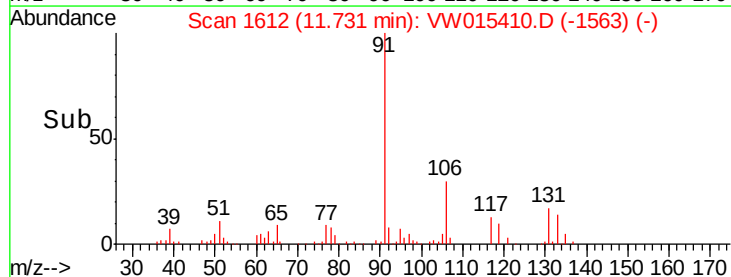
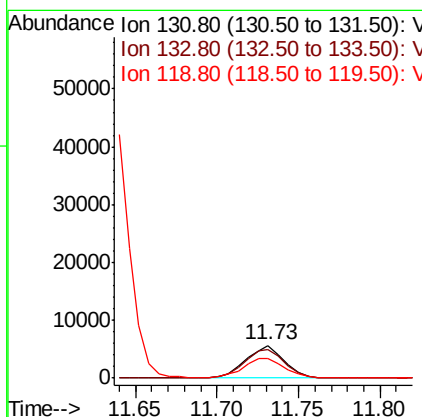
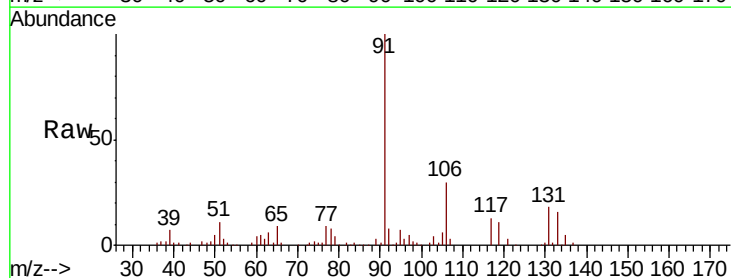
Instrument :
MSVOA_W
ClientSampleId :

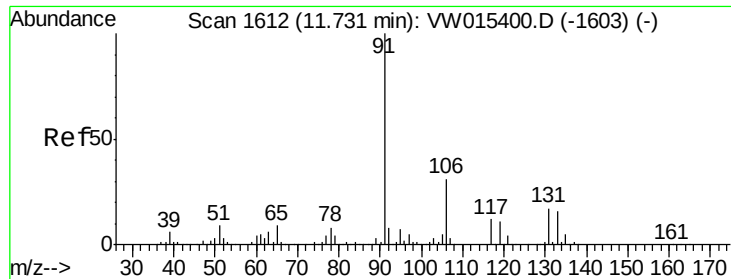
Tot Ion:112 Resp: 26373
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 3.999 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:131 Resp: 8982
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.8
119 67.9 33.0 99.0

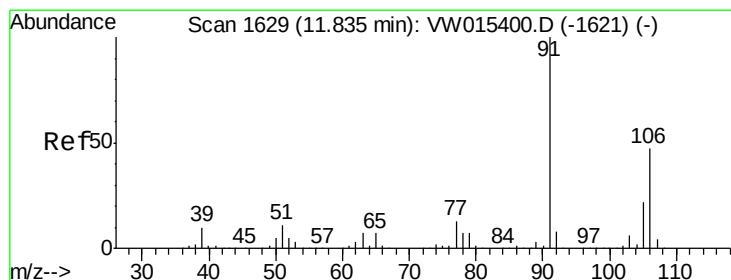
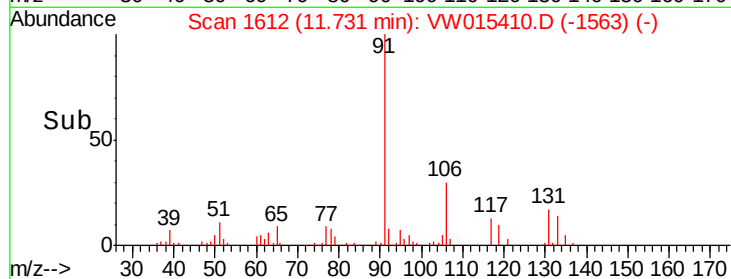
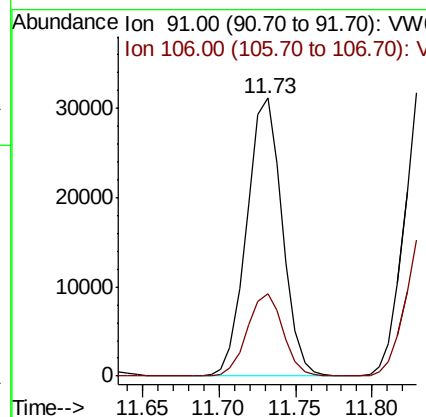
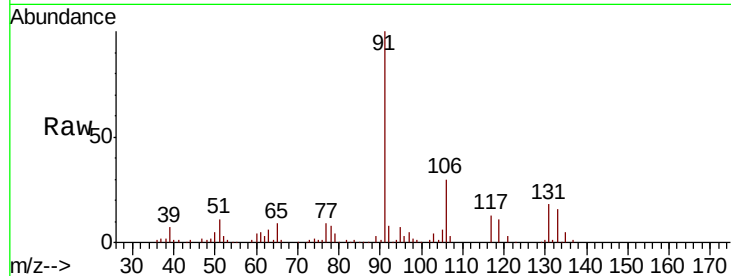




#67
Ethyl Benzene
Concen: 4.152 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

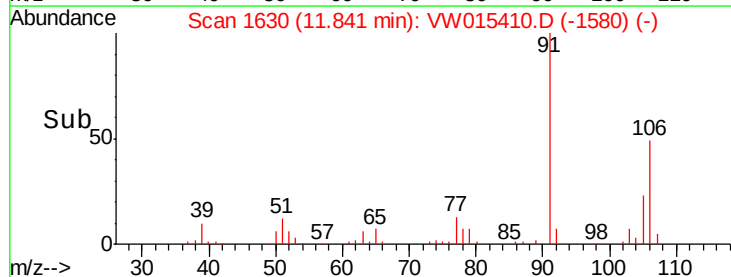
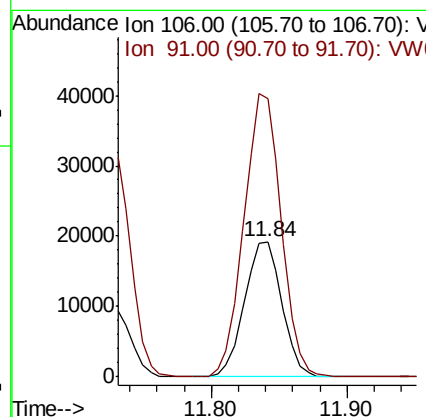
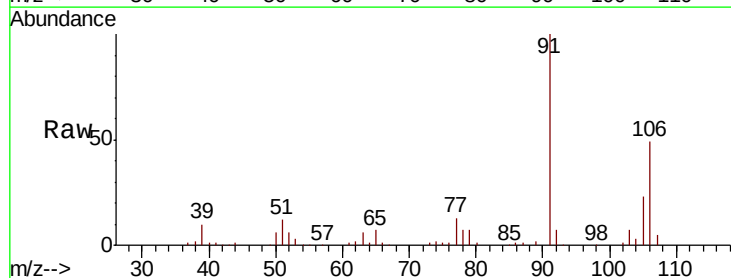
Instrument :
MSVOA_W
ClientSampleId :

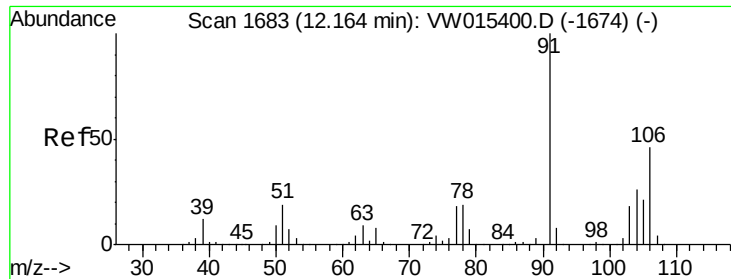
Tot Ion: 91 Resp: 50345
Ion Ratio Lower Upper
91 100
106 29.8 25.2 37.8



#68
m/p-Xylenes
Concen: 8.189 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:106 Resp: 36918
Ion Ratio Lower Upper
106 100
91 208.8 165.7 248.5

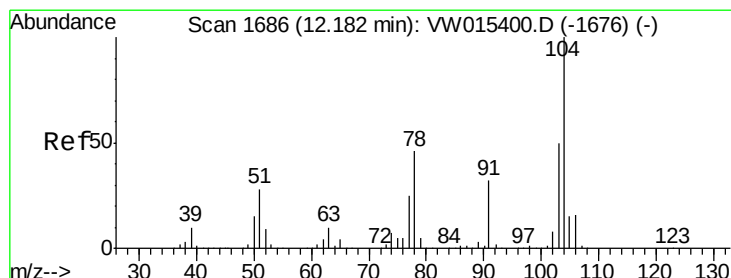
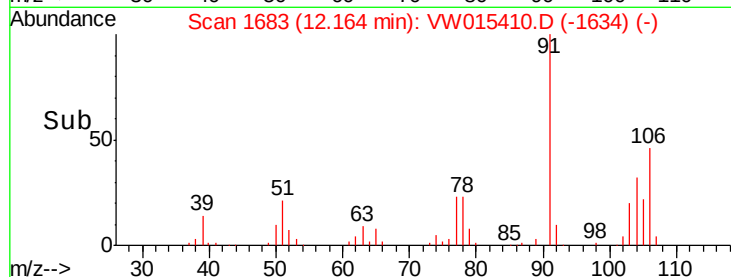
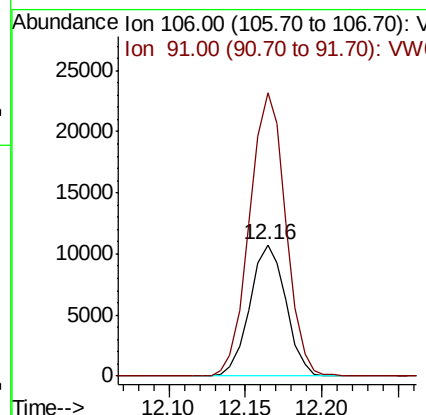
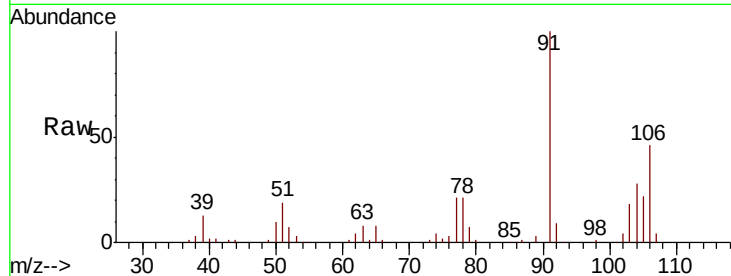




#69
o-Xylene
Concen: 4.149 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

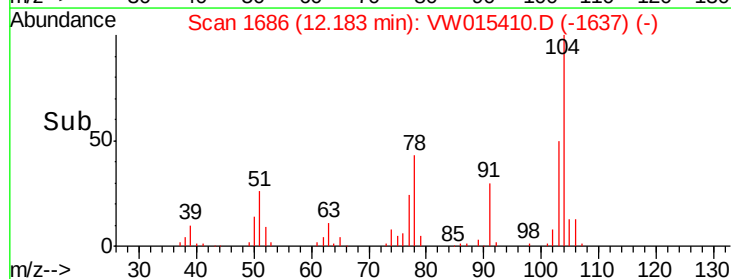
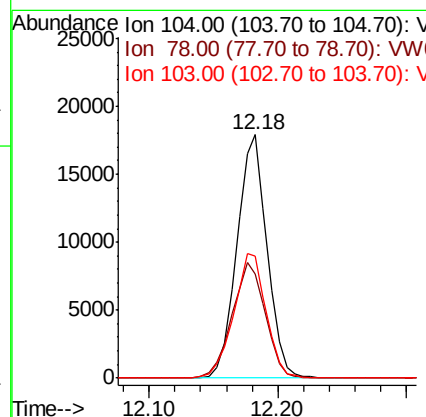
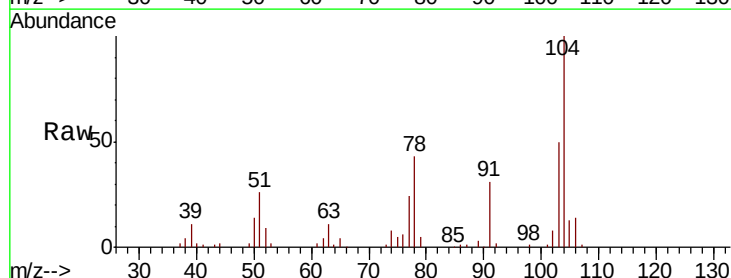
Instrument :
MSVOA_W
ClientSampled :

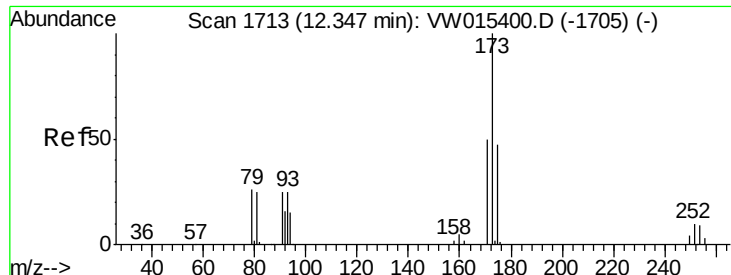
Tot Ion:106 Resp: 17579
Ion Ratio Lower Upper
106 100
91 217.2 109.0 327.0



#70
Styrene
Concen: 3.972 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:104 Resp: 28984
Ion Ratio Lower Upper
104 100
78 53.0 41.8 62.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 3.901 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

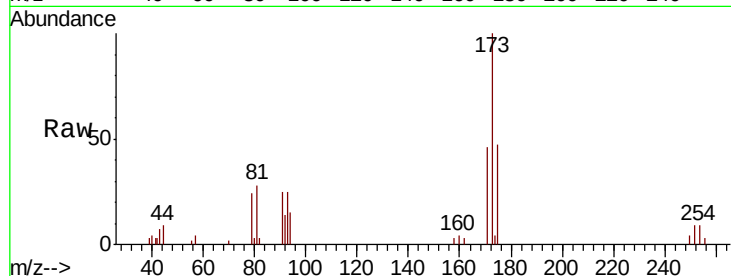
Tot Ion:173 Resp: 4273

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.4

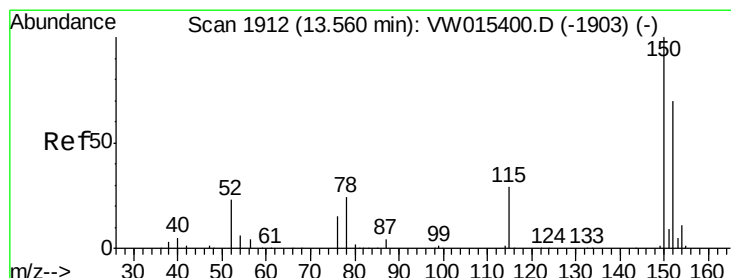
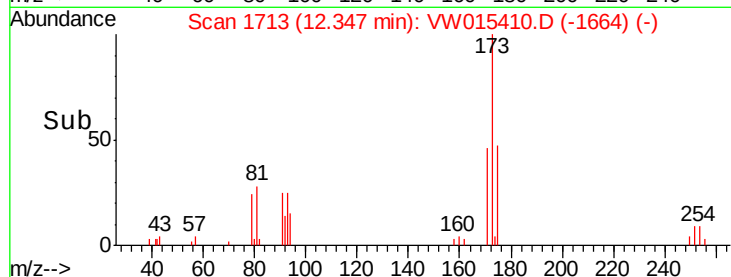
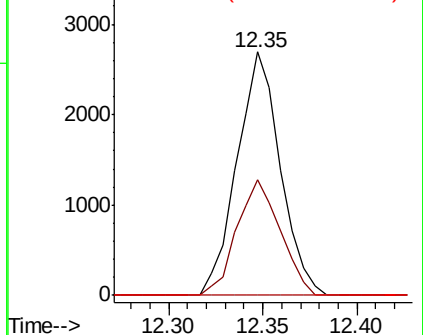
254 0.0 0.0 0.0



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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

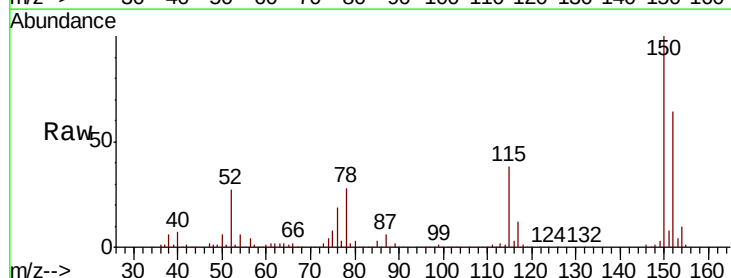
Tgt Ion:152 Resp: 154593

Ion Ratio Lower Upper

152 100

115 61.2 30.3 90.8

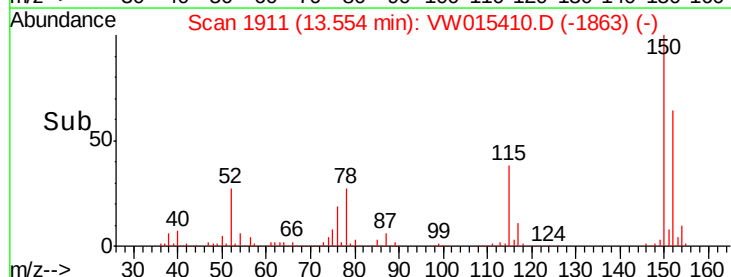
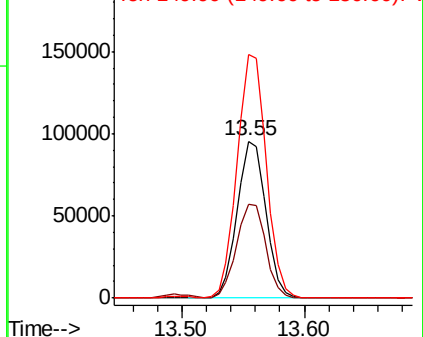
150 158.1 0.0 344.4

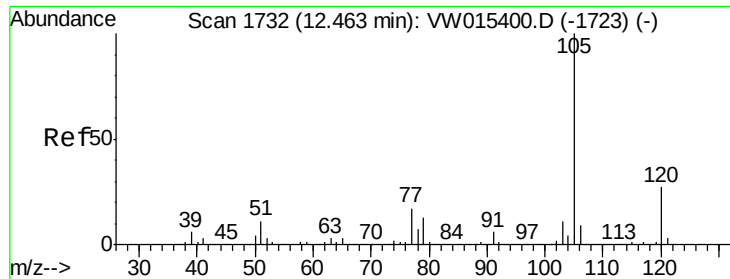


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.201 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

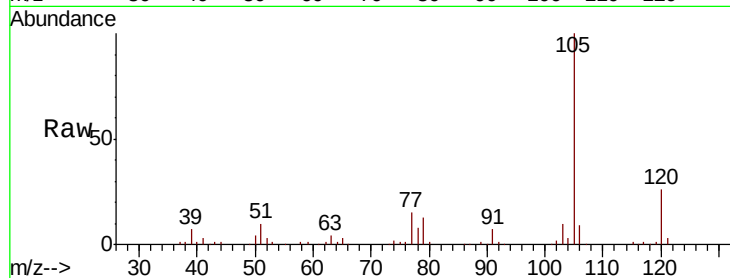
ClientSampleId :

Tot Ion:105 Resp: 48485

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

30000

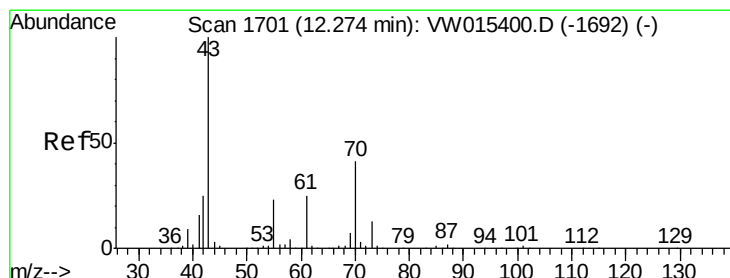
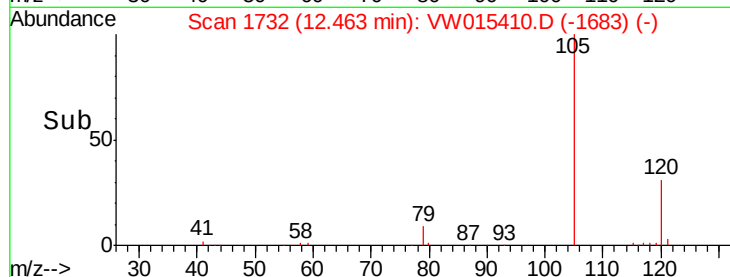
20000

10000

0

Time-->

12.40 12.45 12.50



#74

N-ethyl acetate

Concen: 4.465 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Tgt Ion: 43 Resp: 12180

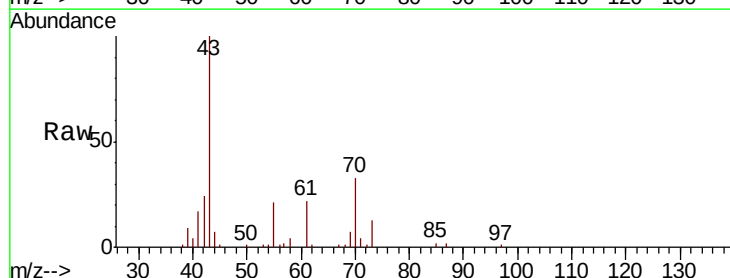
Ion Ratio Lower Upper

43 100

70 36.0 33.4 50.0

55 22.8 18.9 28.3

61 21.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

8000

6000

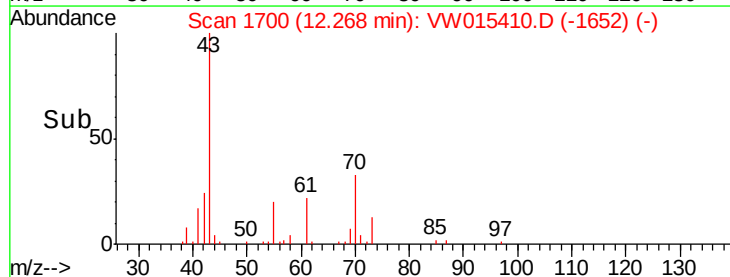
4000

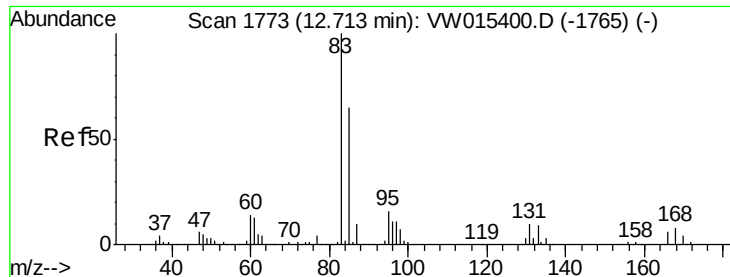
2000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 4.420 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

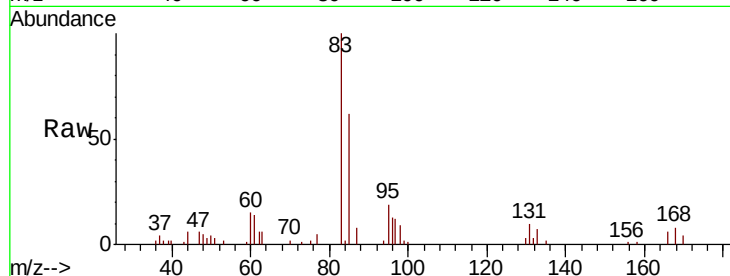
Tot Ion: 83 Resp: 7981

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

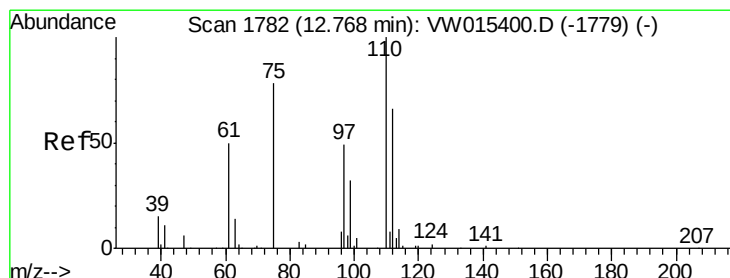
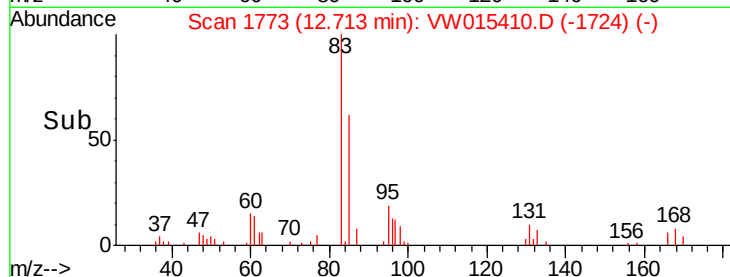
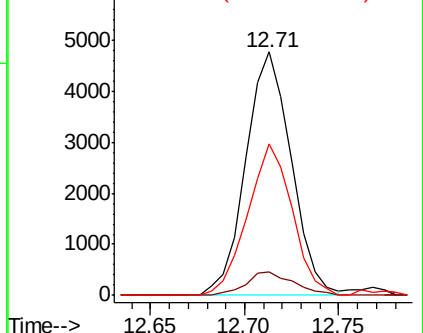
85 60.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 7.998 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015410.D

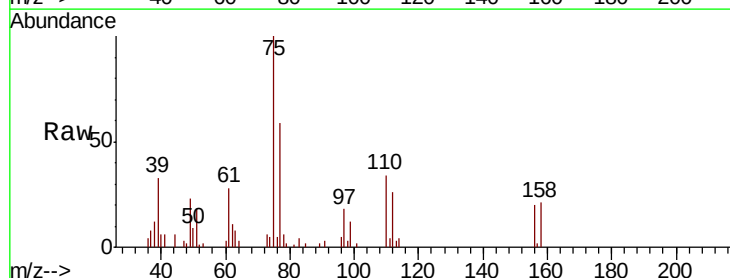
Acq: 06 May 2020 12:47

Tgt Ion: 75 Resp: 10172

Ion Ratio Lower Upper

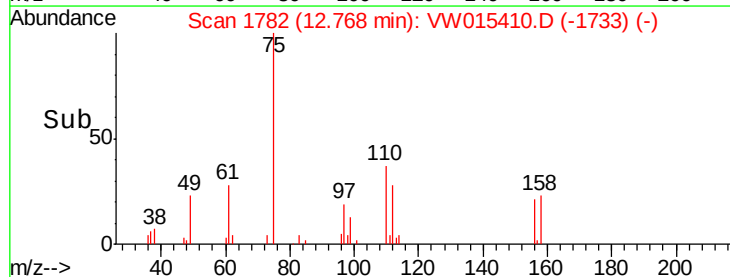
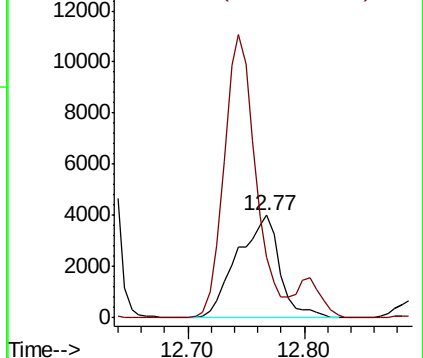
75 100

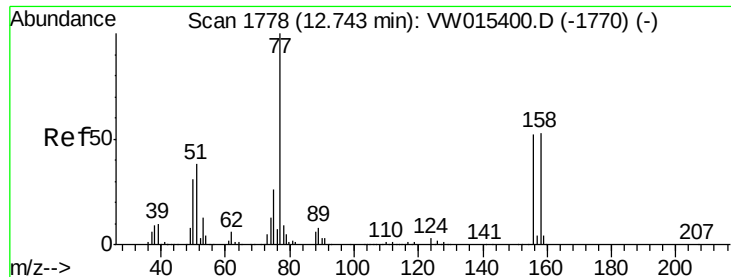
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.255 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

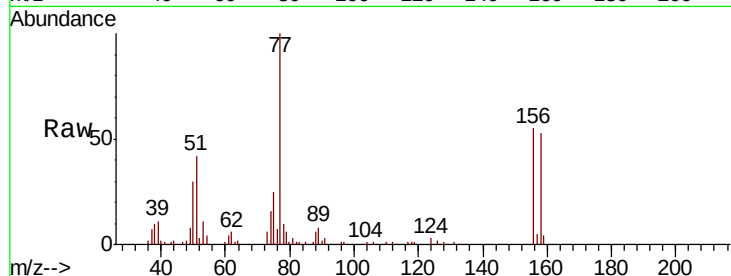
Tot Ion:156 Resp: 10408

Ion Ratio Lower Upper

156 100

77 201.7 101.8 305.6

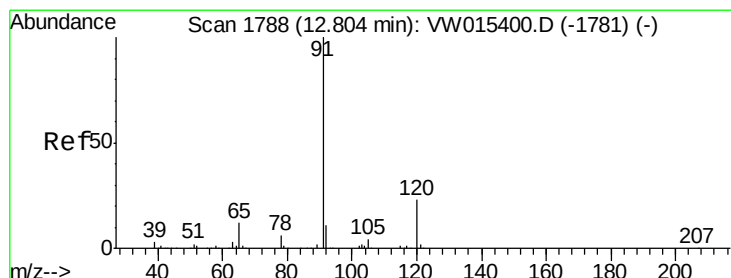
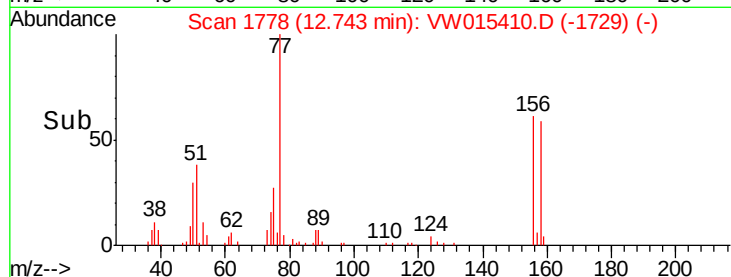
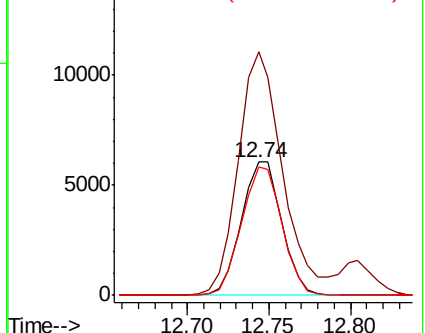
158 96.9 48.3 144.8



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: 4.268 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015410.D

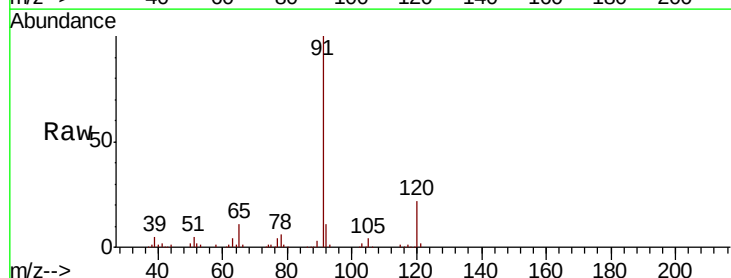
Acq: 06 May 2020 12:47

Tgt Ion: 91 Resp: 59102

Ion Ratio Lower Upper

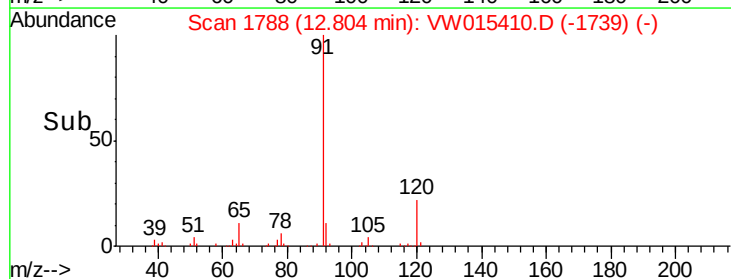
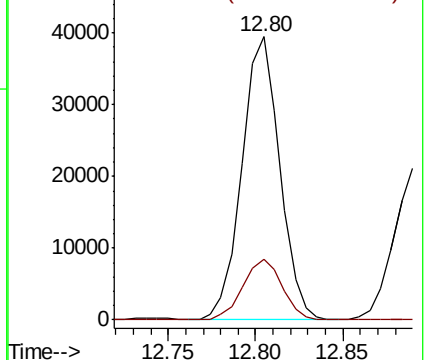
91 100

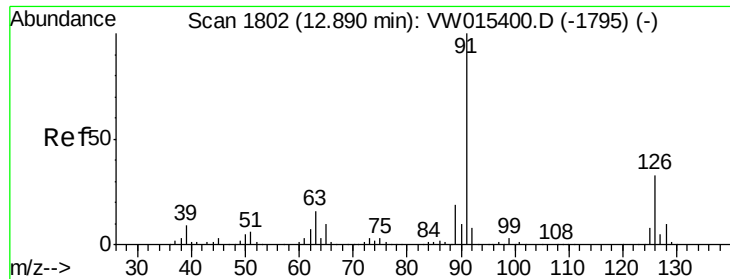
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.178 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

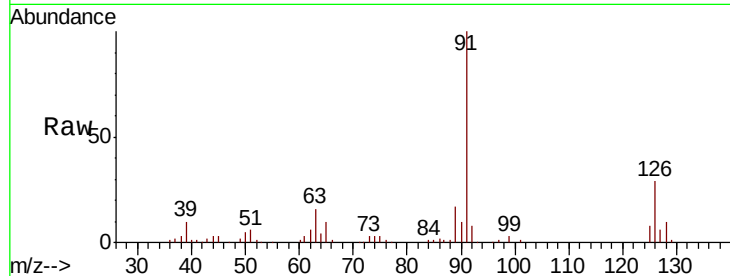
ClientSampleId :

Tot Ion: 91 Resp: 32611

Ion Ratio Lower Upper

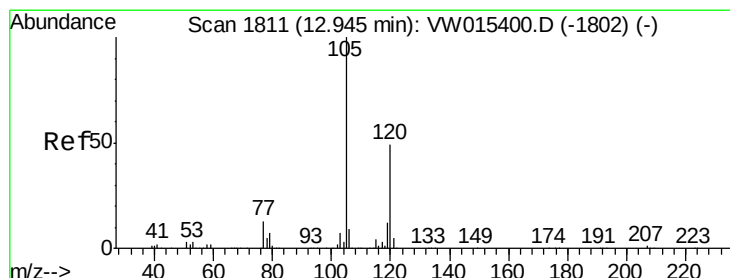
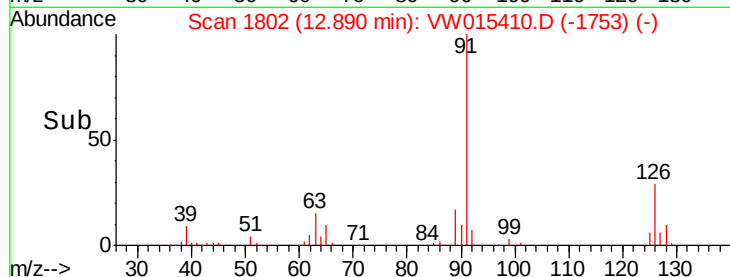
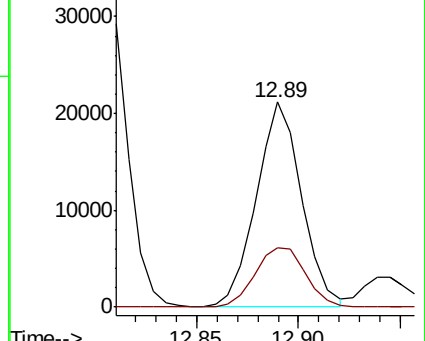
91 100

126 32.6 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.167 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015410.D

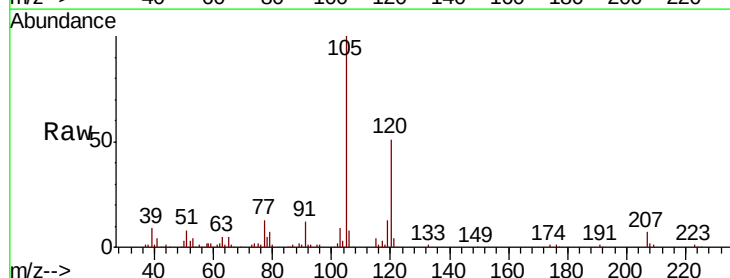
Acq: 06 May 2020 12:47

Tgt Ion:105 Resp: 40505

Ion Ratio Lower Upper

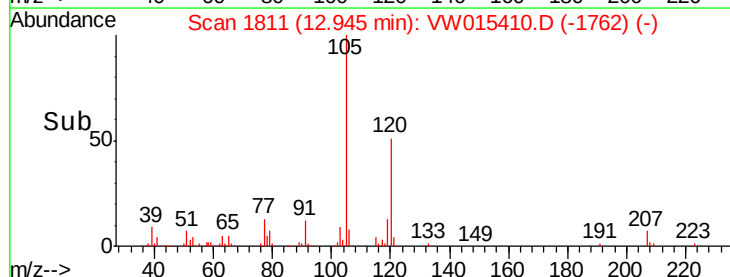
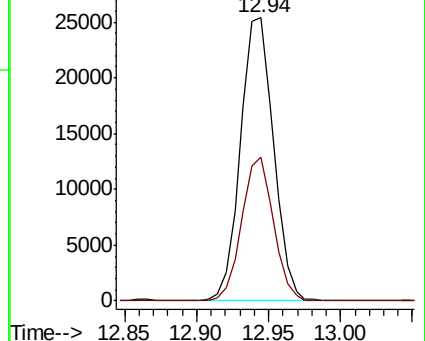
105 100

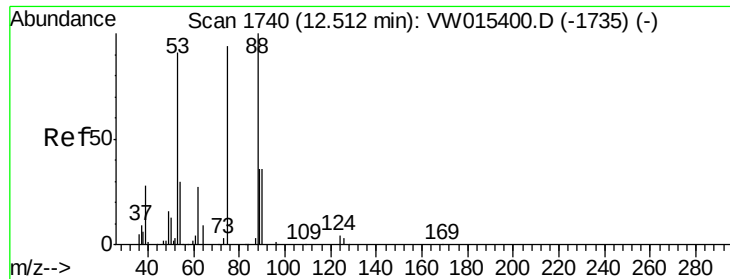
120 48.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

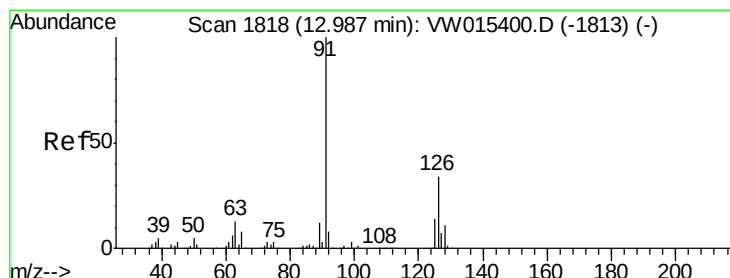
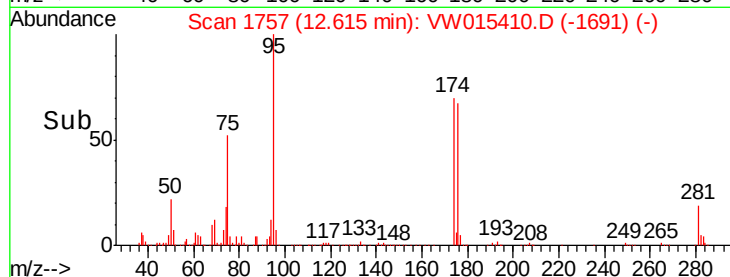
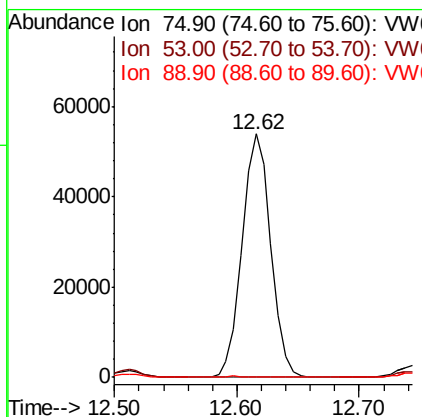
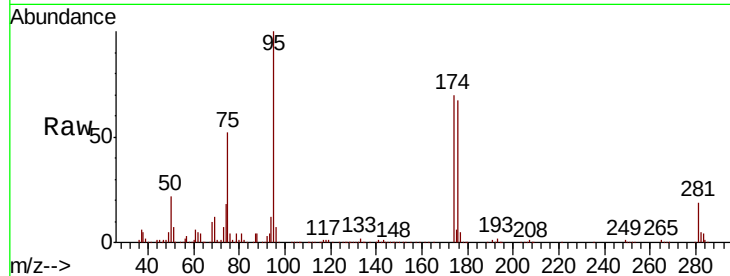




#81
trans-1,4-Dichloro-2-butene
Concen: 135.911 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

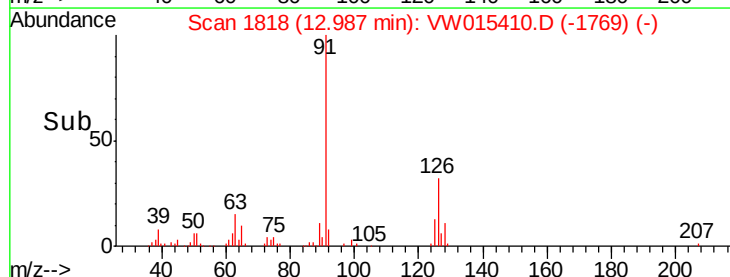
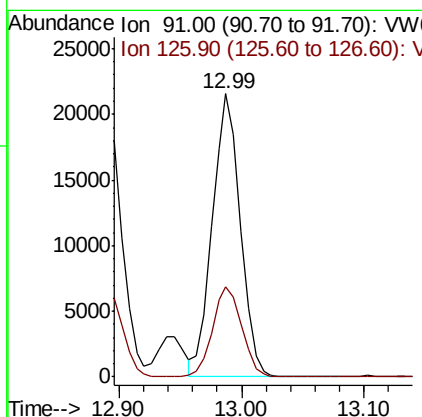
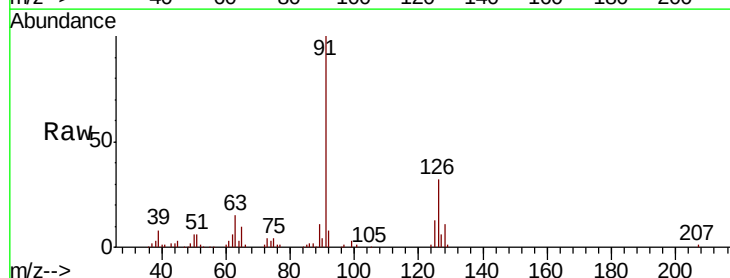
Instrument :
MSVOA_W
ClientSampleId :

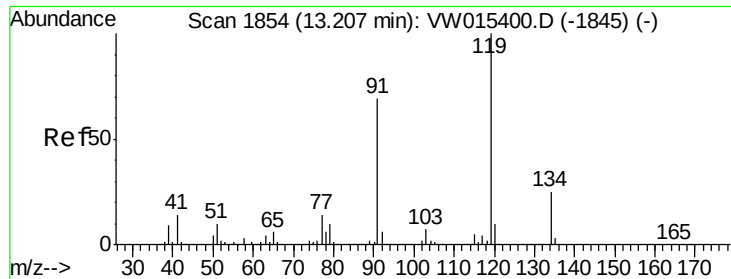
Tot Ion: 75 Resp: 87383
Ion Ratio Lower Upper
75 100
53 0.0 82.5 123.7#
89 0.2 35.8 53.8#



#82
4-Chlorotoluene
Concen: 4.162 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion: 91 Resp: 34426
Ion Ratio Lower Upper
91 100
126 32.8 16.0 47.9

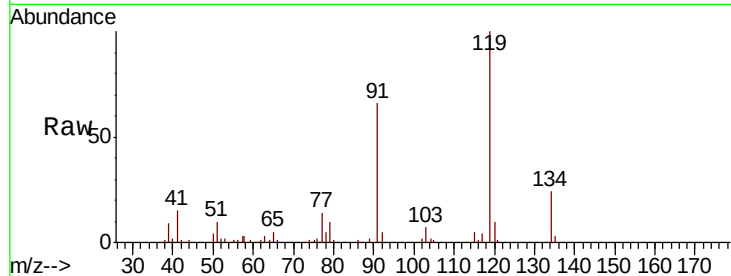




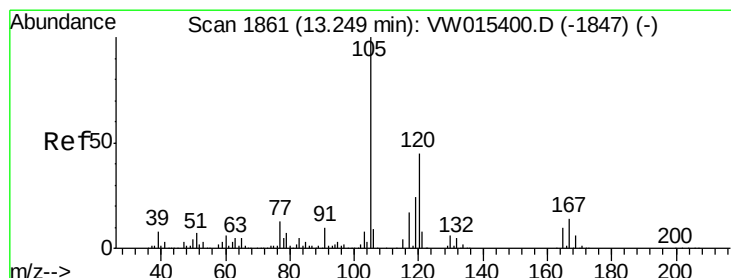
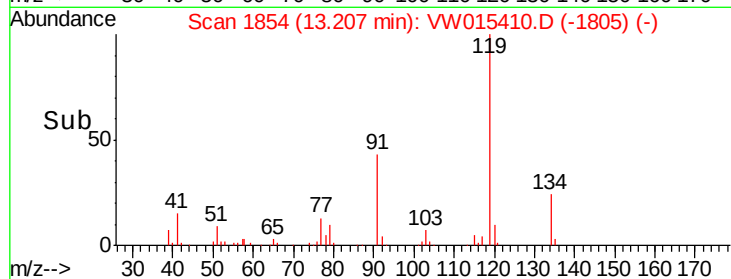
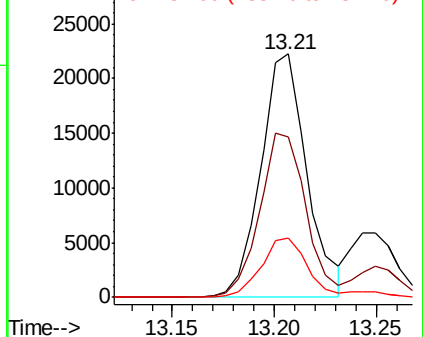
#83
tert-Butylbenzene
Concen: 4.231 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 35093
Ion Ratio Lower Upper
119 100
91 67.6 33.8 101.4
134 24.6 12.3 36.9

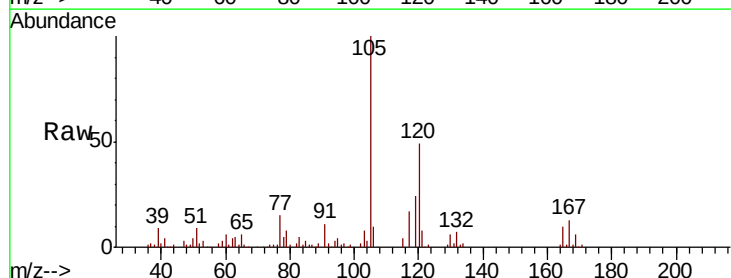


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

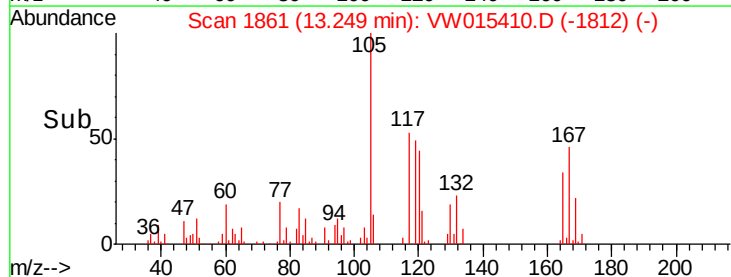
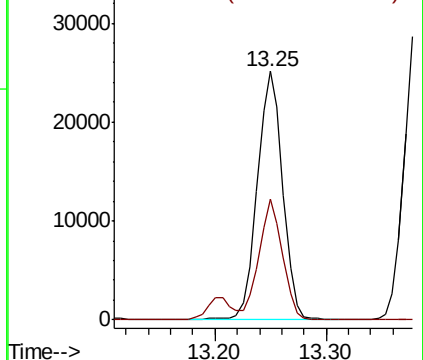


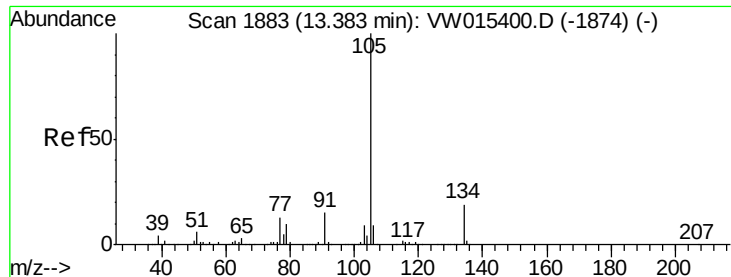
#84
1,2,4-Trimethylbenzene
Concen: 4.107 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:105 Resp: 39946
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0



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

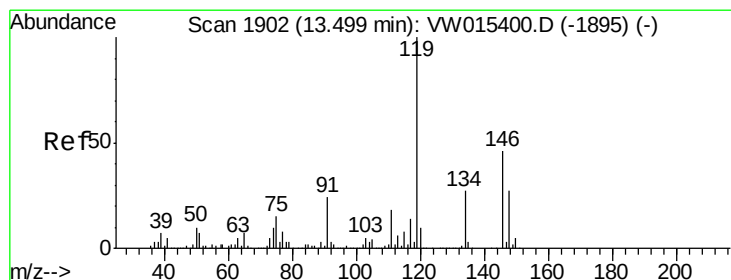
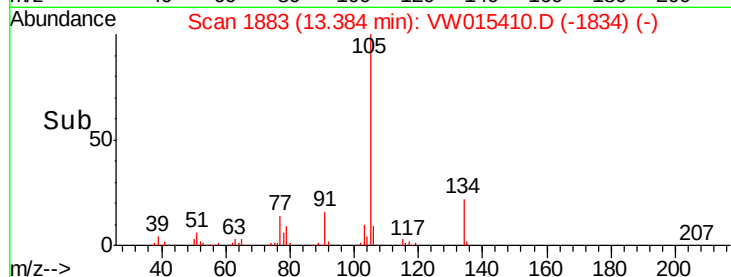
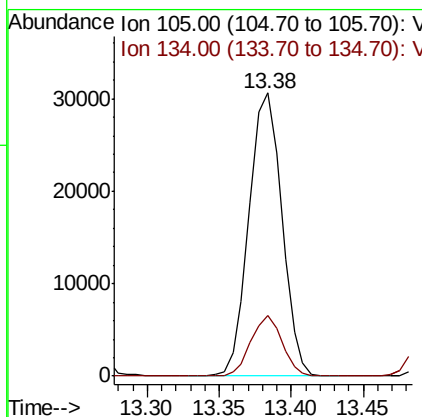
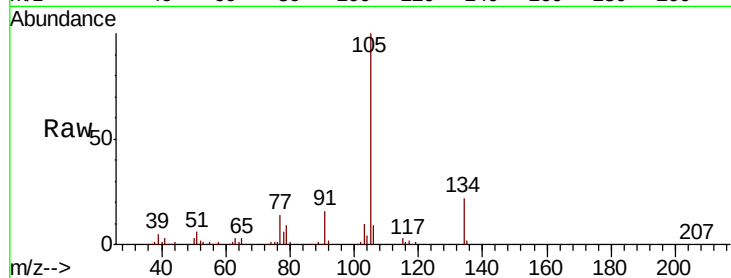




#85
 sec-Butylbenzene
 Concen: 4.154 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

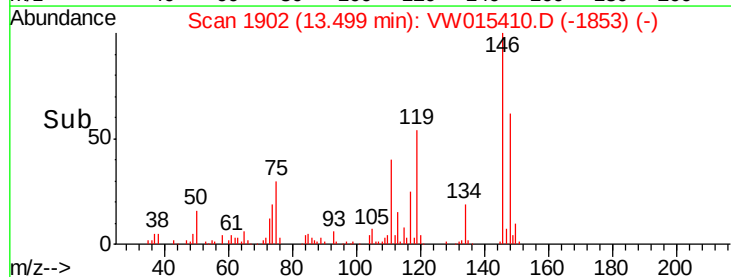
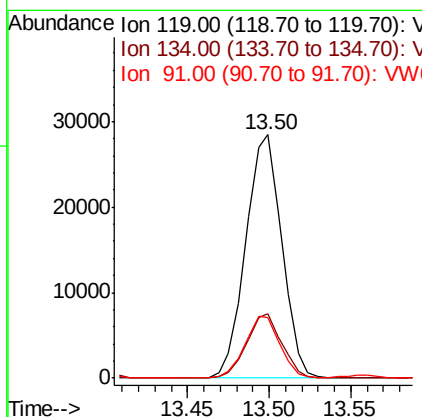
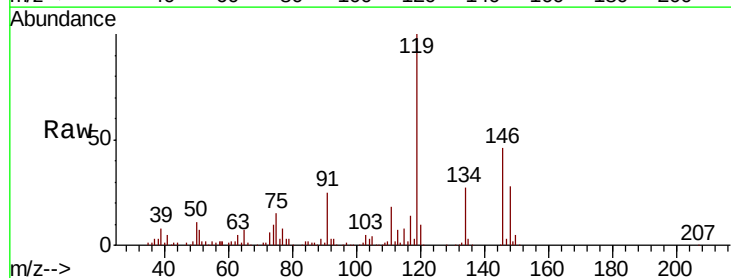
Instrument :
 MSVOA_W
 ClientSampleId :

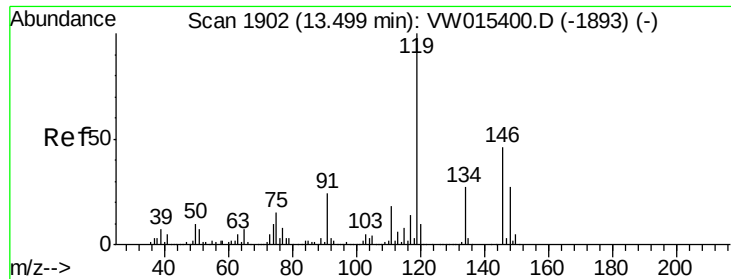
Tot Ion:105 Resp: 48549
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.116 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion:119 Resp: 43873
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.7 12.1 36.3

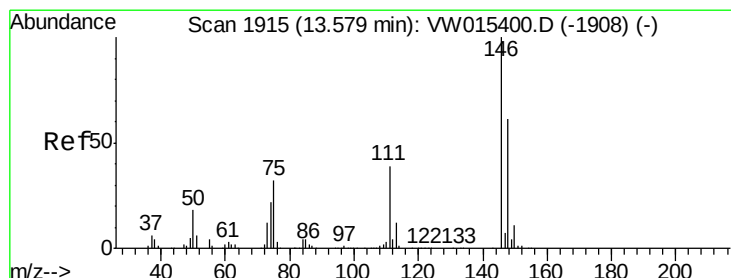
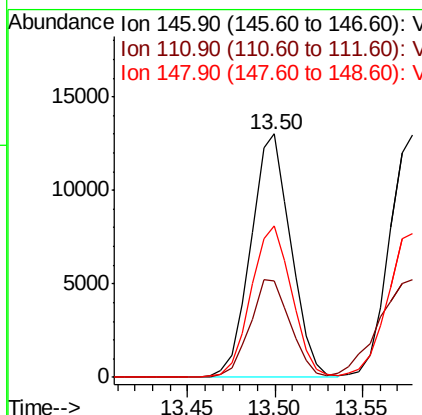
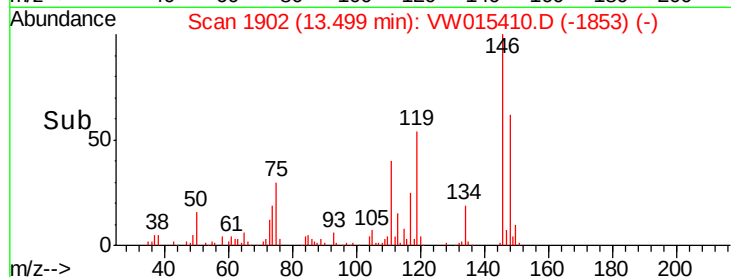
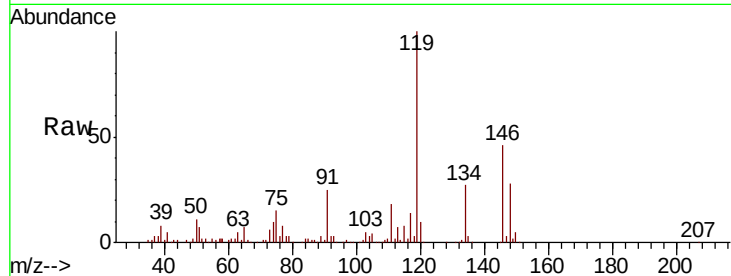




#87
 1,3-Dichlorobenzene
 Concen: 4.245 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

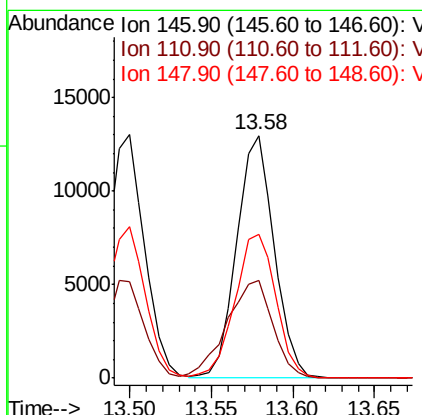
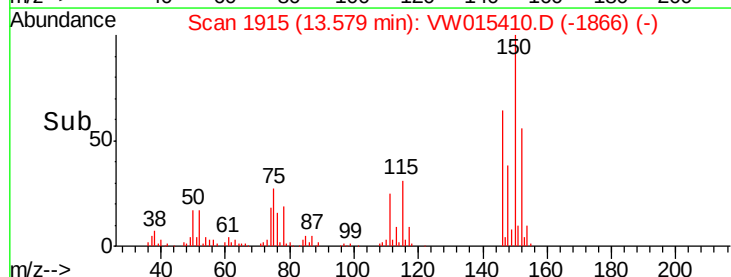
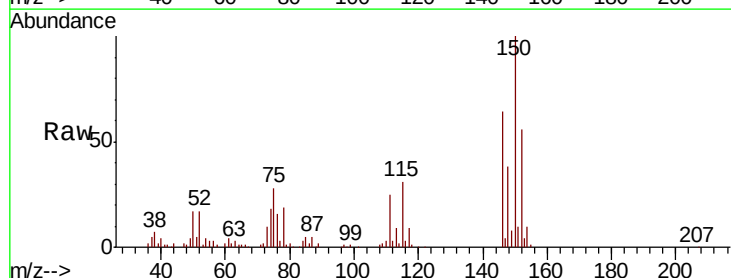
Instrument :
 MSVOA_W
 ClientSampleId :

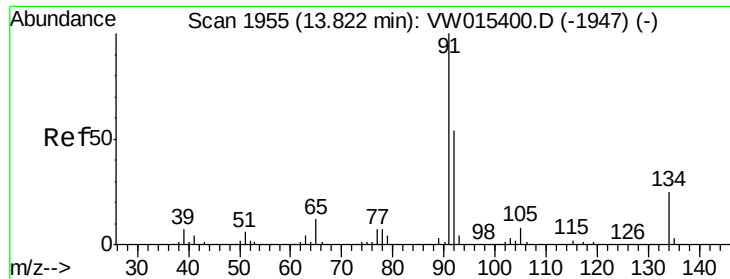
Tot Ion:146 Resp: 20683
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.4 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 4.303 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion:146 Resp: 20760
 Ion Ratio Lower Upper
 146 100
 111 49.7 20.0 60.0
 148 65.0 31.4 94.3





#89

n-Butylbenzene

Concen: 4.116 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015410.D

Acq: 06 May 2020 12:47

Instrument :

MSVOA_W

ClientSampleId :

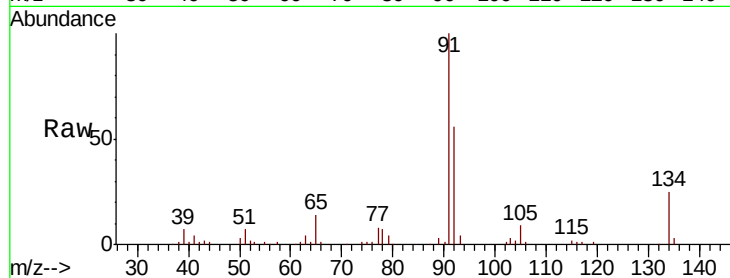
Tot Ion: 91 Resp: 42954

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.6

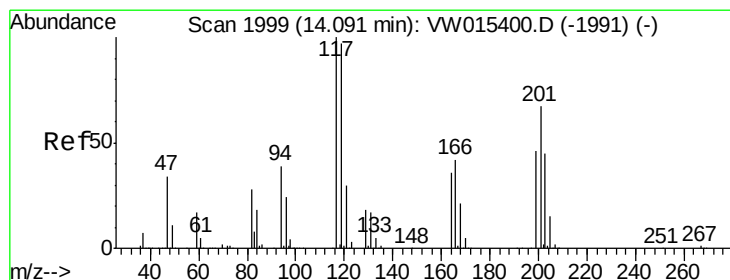
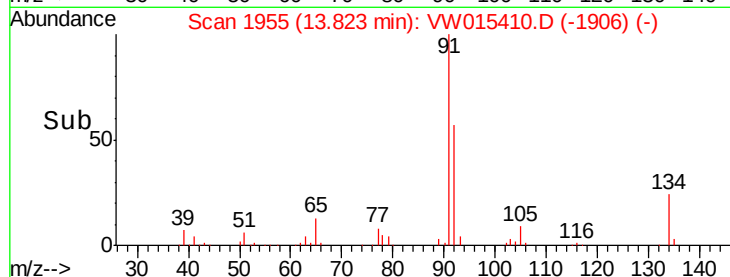
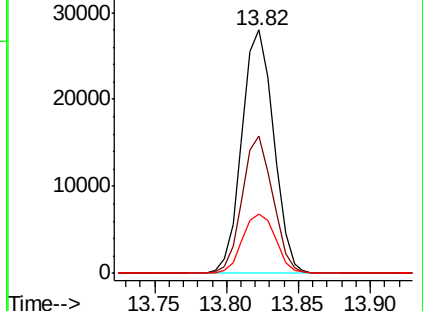
134 25.1 12.6 37.6



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: 4.030 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015410.D

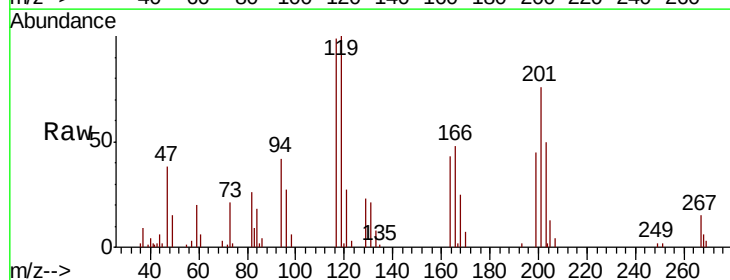
Acq: 06 May 2020 12:47

Tgt Ion: 117 Resp: 7917

Ion Ratio Lower Upper

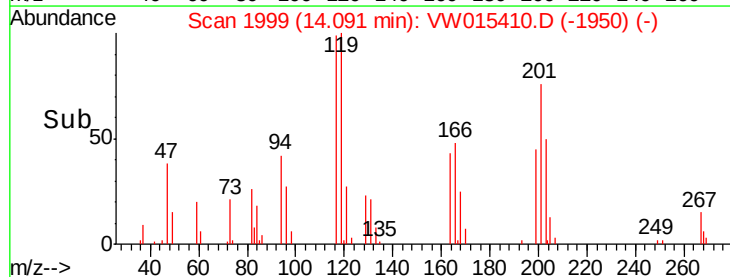
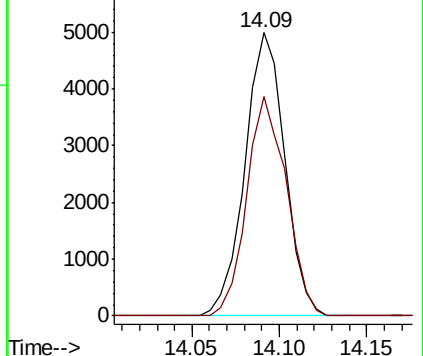
117 100

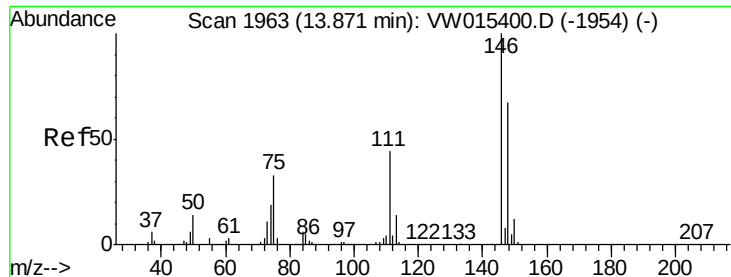
201 76.8 35.9 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

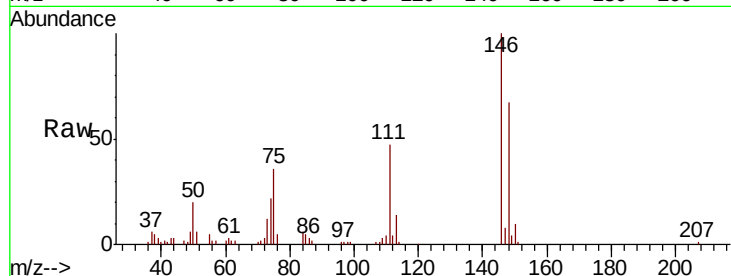




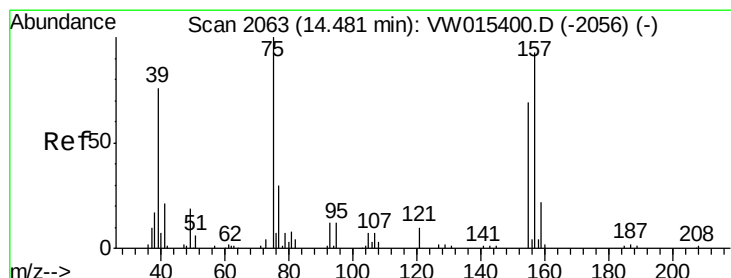
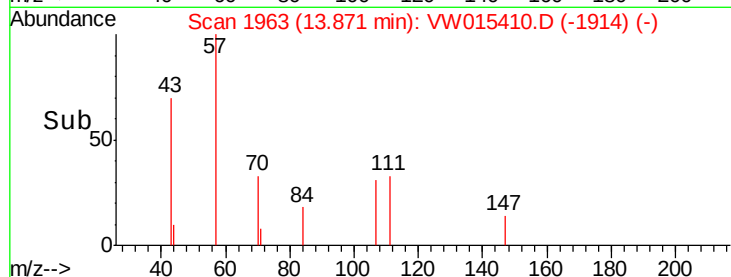
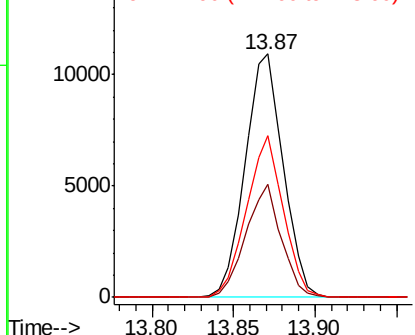
#91
 1,2-Dichlorobenzene
 Concen: 4.215 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:146 Resp: 17781
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.3
 148 63.9 32.5 97.4

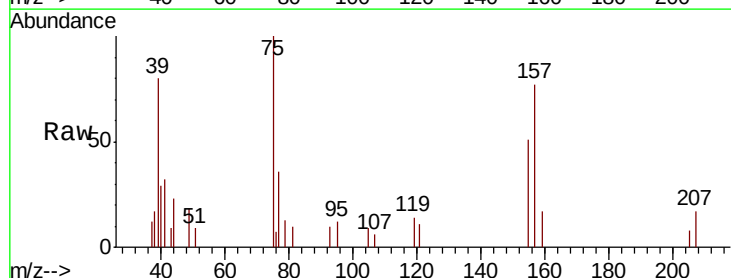


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

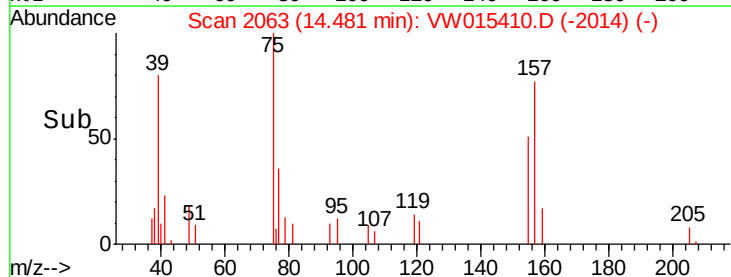
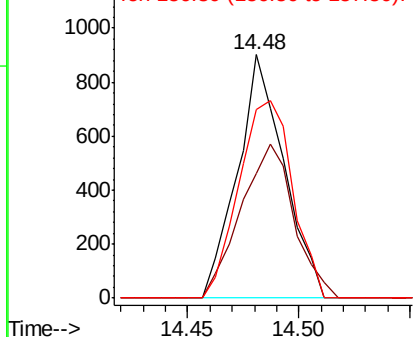


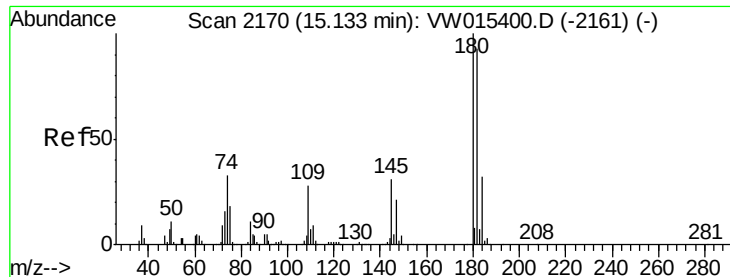
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.156 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion: 75 Resp: 1310
 Ion Ratio Lower Upper
 75 100
 155 72.3 38.7 116.1
 157 93.7 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

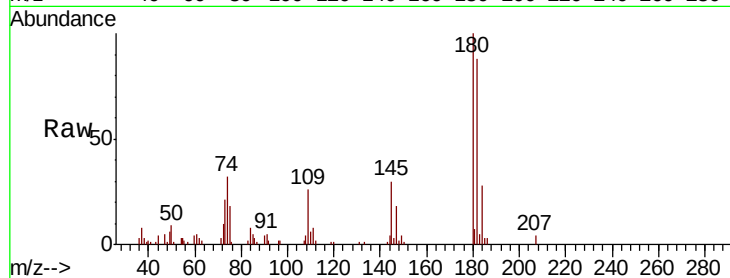




#93
 1,2,4-Trichlorobenzene
 Concen: 4.059 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.2	141.6
145	30.5	15.6	46.8

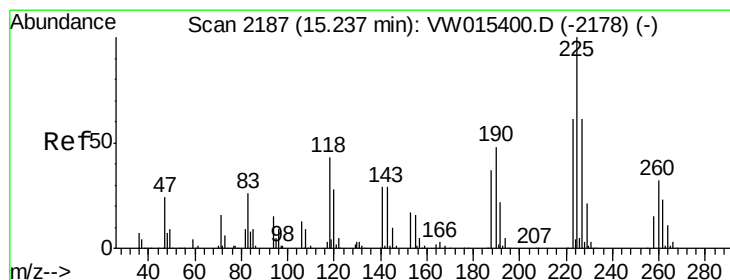
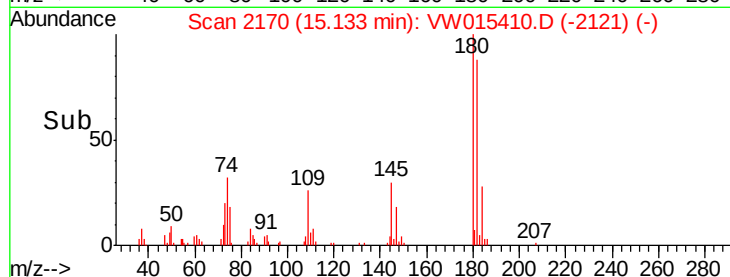
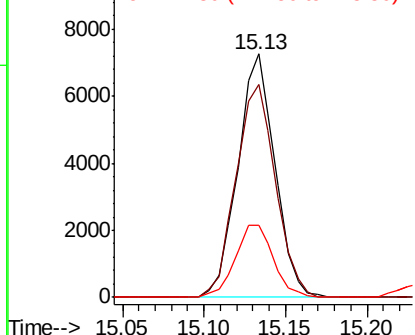


Abundance

Ion 179.80 (179.50 to 180.50): V

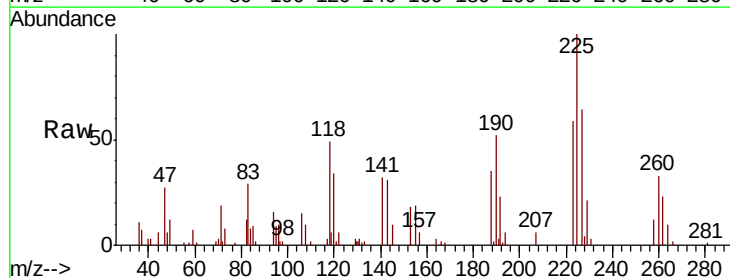
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 4.156 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015410.D
 Acq: 06 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	30.7	92.1
227	66.2	32.0	96.0

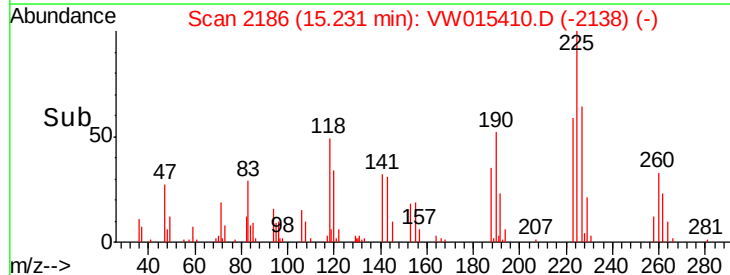
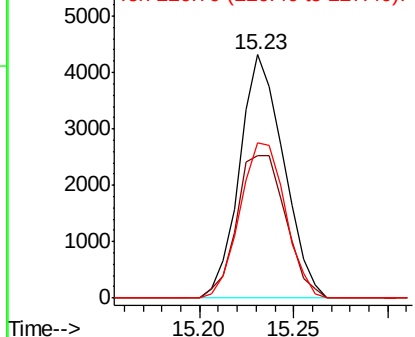


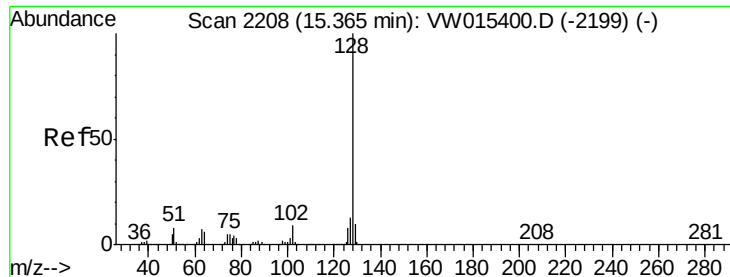
Abundance

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

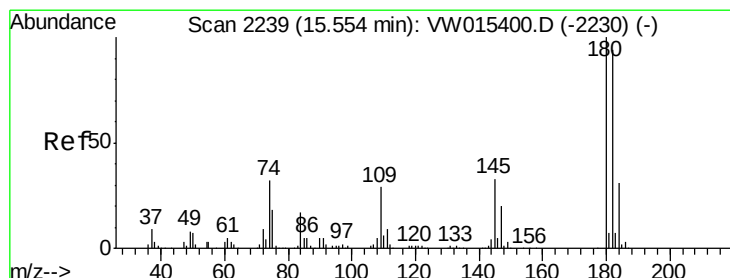
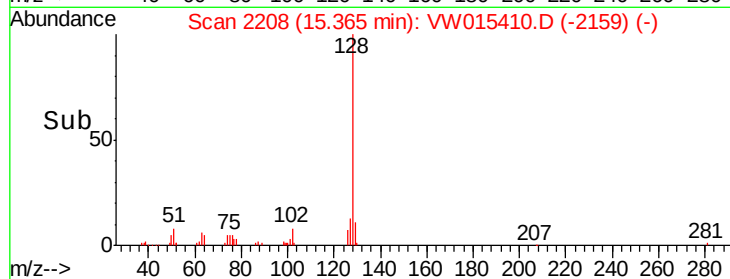
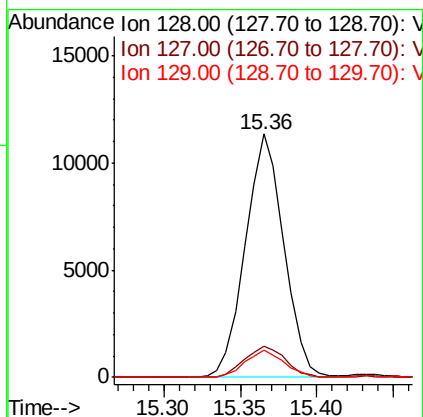
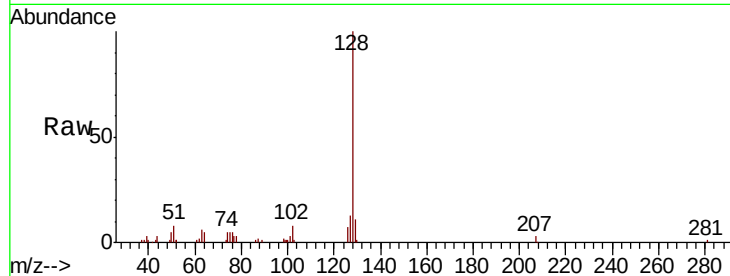




#95
Naphthalene
Concen: 3.913 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 19872
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.823 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015410.D
Acq: 06 May 2020 12:47

Tgt Ion:180 Resp: 9312
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.8
145 35.1 16.3 48.8

