

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015202.D
 Acq On : 15 Apr 2020 14:45
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 04:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	588384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1008882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	401867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	274877	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	286563	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.32	98	1178974	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	412273	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	198931	53.364	ug/l	97
3) Chloromethane	2.21	50	255019	49.116	ug/l	99
4) Vinyl Chloride	2.36	62	335076	54.803	ug/l	99
5) Bromomethane	2.78	94	174663	54.264	ug/l	94
6) Chloroethane	2.92	64	160505	53.218	ug/l	98
7) Trichlorofluoromethane	3.26	101	212618	54.269	ug/l	99
8) Diethyl Ether	3.68	74	158223	52.385	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	322011	54.084	ug/l	100
10) Methyl Iodide	4.27	142	467738	52.607	ug/l	100
11) Tert butyl alcohol	5.18	59	88012	213.098	ug/l	99
12) 1,1-Dichloroethene	4.04	96	328489	53.570	ug/l	98
13) Acrolein	3.89	56	98992	230.547	ug/l	99
14) Allyl chloride	4.67	41	487092	53.698	ug/l	99
15) Acrylonitrile	5.36	53	312795	246.760	ug/l	99
16) Acetone	4.12	43	267682	270.130	ug/l	98
17) Carbon Disulfide	4.38	76	1014079	54.336	ug/l	99
18) Methyl Acetate	4.67	43	147361	48.630	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	409269	50.963	ug/l	100
20) Methylene Chloride	4.91	84	321626	46.867	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	345394	53.386	ug/l	99
22) Diisopropyl ether	6.31	45	948008	51.819	ug/l	98
23) Vinyl Acetate	6.25	43	2722193	256.219	ug/l	100
24) 1,1-Dichloroethane	6.21	63	577739	53.117	ug/l	98
25) 2-Butanone	7.17	43	389287	245.491	ug/l	100
26) 2,2-Dichloropropane	7.16	77	379091	52.370	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	370214	53.081	ug/l	99
28) Bromochloromethane	7.51	49	237478	52.241	ug/l	99
29) Tetrahydrofuran	7.52	42	249104	239.646	ug/l	99
30) Chloroform	7.67	83	554173	52.013	ug/l	98
31) Cyclohexane	7.95	56	595627	51.231	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	477196	53.167	ug/l	99
36) 1,1-Dichloropropene	8.08	75	476625	52.883	ug/l	100
37) Ethyl Acetate	7.24	43	178886	47.689	ug/l	99
38) Carbon Tetrachloride	8.07	117	433842	52.356	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	653379	53.947	ug/l	97
40) Benzene	8.32	78	1338093	52.285	ug/l	97
41) Methacrylonitrile	7.48	41	107199	48.299	ug/l	99
42) 1,2-Dichloroethane	8.40	62	333544	51.351	ug/l	100
43) Isopropyl Acetate	8.42	43	367029	50.069	ug/l	99
44) Trichloroethene	9.09	130	350319	52.095	ug/l	96
45) 1,2-Dichloropropane	9.37	63	331843	52.702	ug/l	97
46) Dibromomethane	9.46	93	161087	51.191	ug/l	99
47) Bromodichloromethane	9.64	83	419676	51.438	ug/l	99
48) Methyl methacrylate	9.43	41	174772	50.973	ug/l	100
49) 1,4-Dioxane	9.46	88	47714	955.724	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	884978	228.259	ug/l	100
52) Toluene	10.38	92	855044	52.196	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	435813	52.502	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	527378	52.662	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	225079	50.479	ug/l	99
56) Ethyl methacrylate	10.64	69	310591	50.549	ug/l	97
57) 1,3-Dichloropropane	10.93	76	400552	51.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	766364	252.014	ug/l	100
59) 2-Hexanone	10.96	43	609362	250.429	ug/l	100
60) Dibromochloromethane	11.13	129	269016	50.566	ug/l	99
61) 1,2-Dibromoethane	11.23	107	216567	50.398	ug/l	99
64) Tetrachloroethene	10.86	164	272132	52.843	ug/l	99
65) Chlorobenzene	11.65	112	858379	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	297610	52.196	ug/l	99
67) Ethyl Benzene	11.73	91	1668943	53.590	ug/l	99
68) m/p-Xylenes	11.83	106	1255313	106.215	ug/l	100
69) o-Xylene	12.16	106	585031	52.814	ug/l	99
70) Styrene	12.18	104	988118	52.802	ug/l	99
71) Bromoform	12.35	173	144678	51.093	ug/l #	98
73) Isopropylbenzene	12.46	105	1600659	53.409	ug/l	100
74) N-amyl acetate	12.27	43	352315	50.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	253271	50.438	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	336916	97.938	ug/l #	100
77) Bromobenzene	12.74	156	323736	52.140	ug/l	98
78) n-propylbenzene	12.80	91	1961578	54.273	ug/l	100
79) 2-Chlorotoluene	12.89	91	1066167	53.362	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1353695	53.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	91699	51.572	ug/l	99
82) 4-Chlorotoluene	12.99	91	1133794	53.712	ug/l	99
83) tert-Butylbenzene	13.20	119	1177132	53.797	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1350950	53.862	ug/l	100
85) sec-Butylbenzene	13.38	105	1689338	54.324	ug/l	99
86) p-Isopropyltoluene	13.49	119	1505764	54.266	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	658101	53.202	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	649952	52.962	ug/l	99
89) n-Butylbenzene	13.82	91	1520363	55.424	ug/l	99
90) Hexachloroethane	14.09	117	291304	54.603	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	579214	52.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	41294	50.790	ug/l	99

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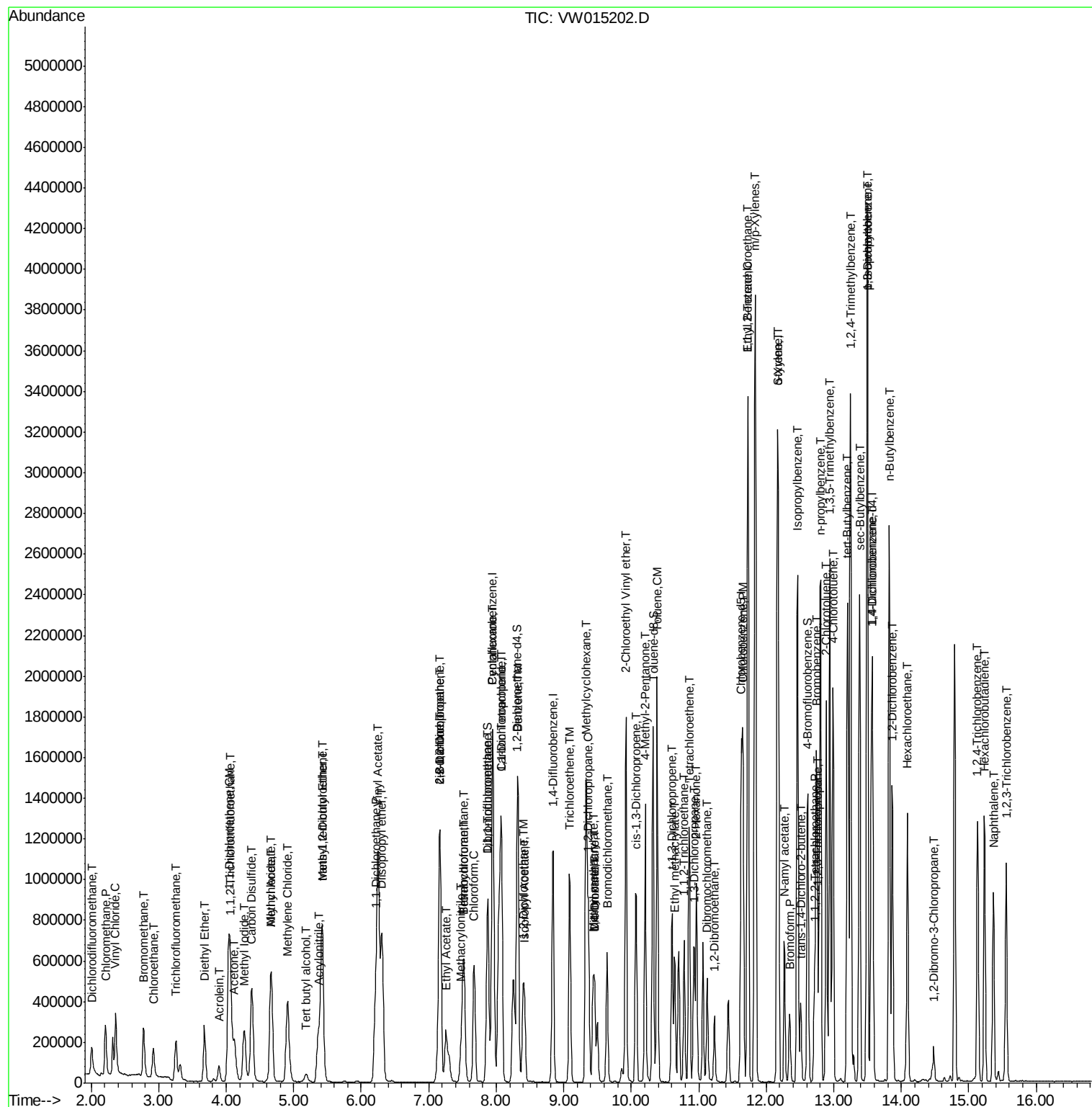
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	403612	55.618	ug/l	100
94) Hexachlorobutadiene	15.23	225	233586	55.792	ug/l	99
95) Naphthalene	15.36	128	792497	56.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	356208	57.197	ug/l	97

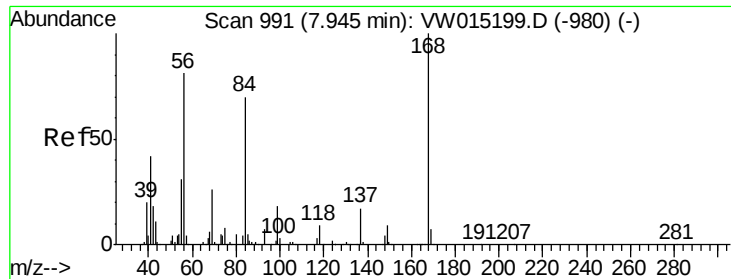
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

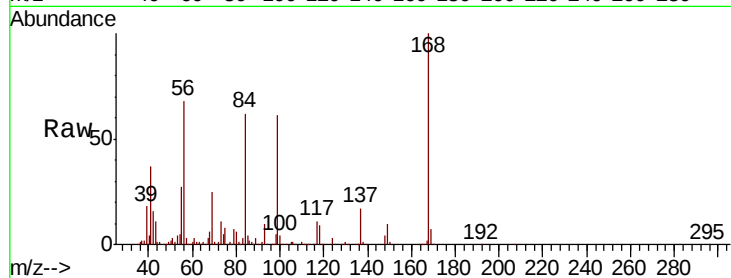
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 588384

Ion Ratio Lower Upper

168 100

99 60.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

250000

200000

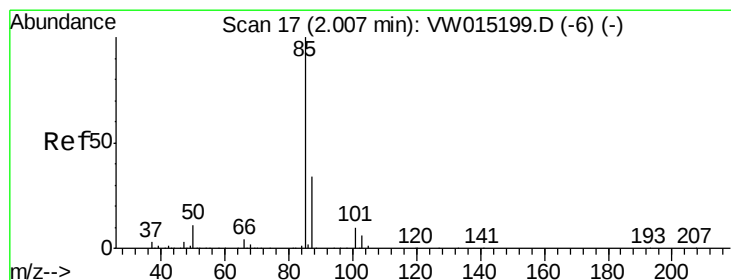
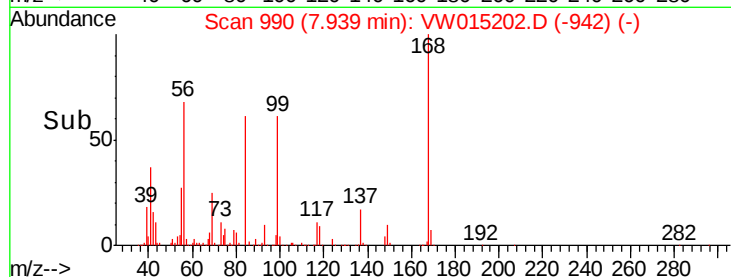
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.364 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015202.D

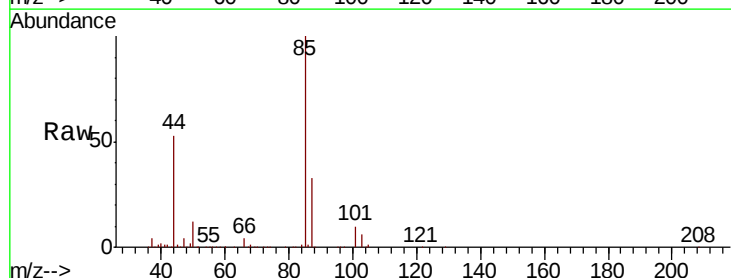
Acq: 15 Apr 2020 14:45

Tgt Ion: 85 Resp: 198931

Ion Ratio Lower Upper

85 100

87 32.8 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

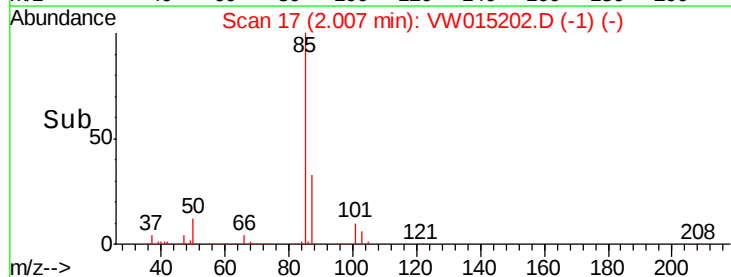
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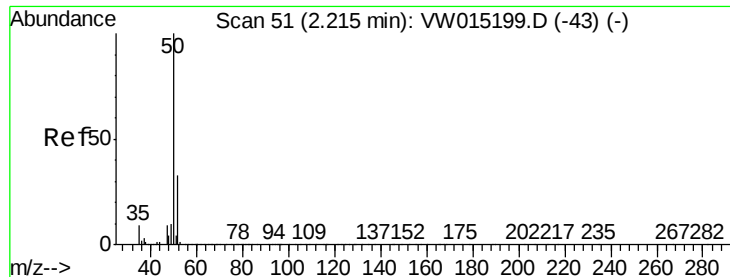
40000

20000

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Time-->

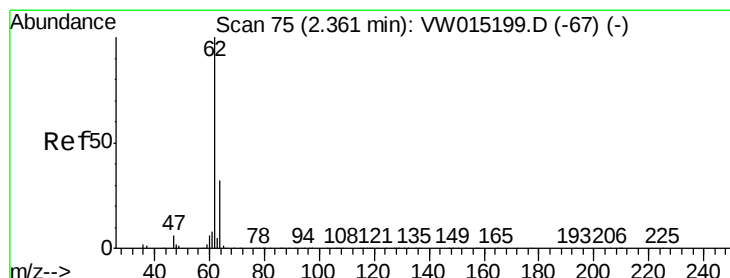
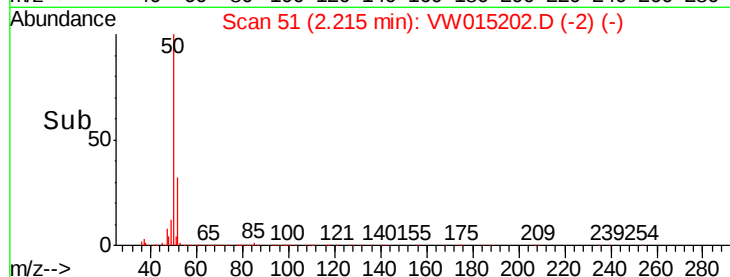
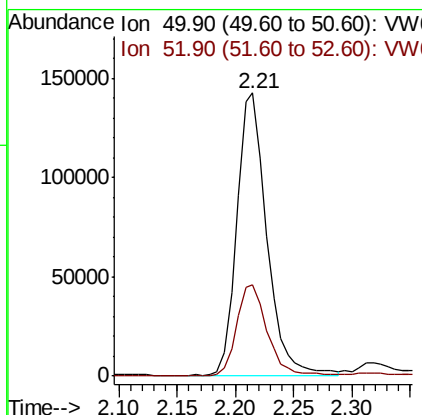
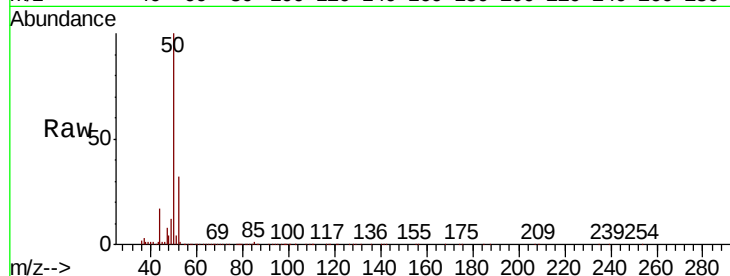




#3
Chloromethane
Concen: 49.116 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

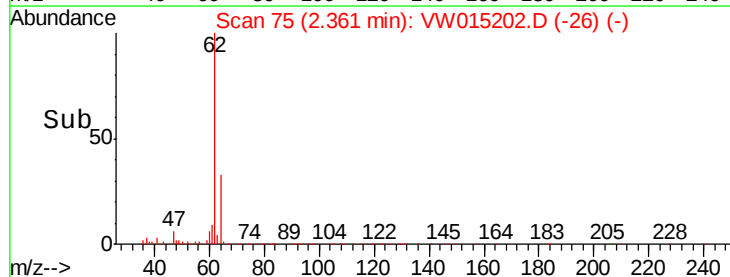
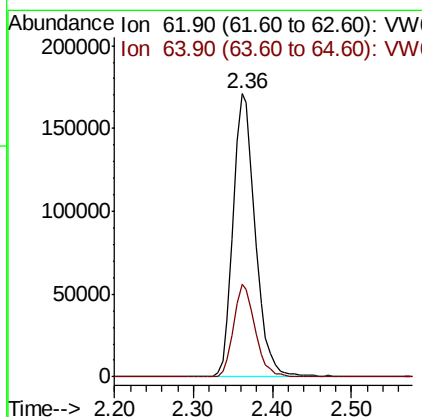
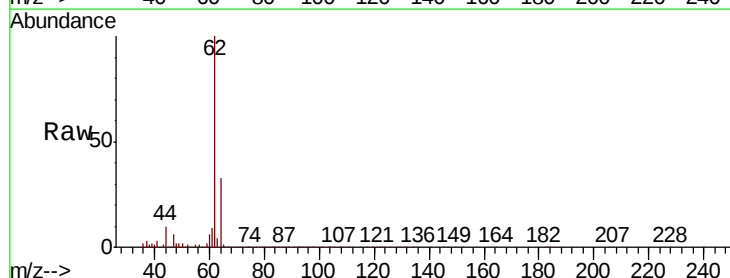
Instrument :
MSVOA_W
ClientSampleId :

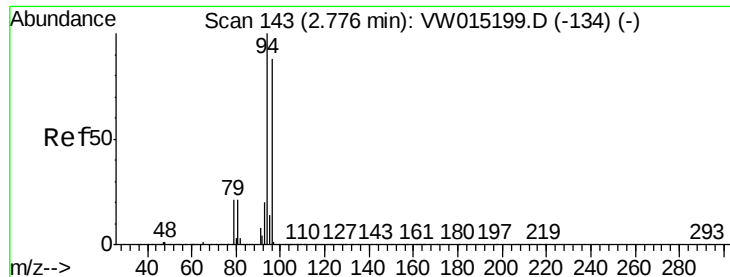
Tot Ion: 50 Resp: 255019
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 54.803 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion: 62 Resp: 335076
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2





#5

Bromomethane

Concen: 54.264 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

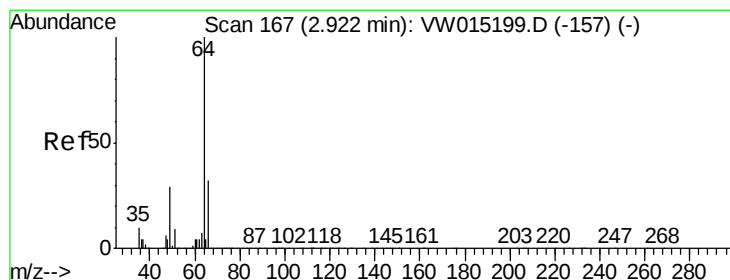
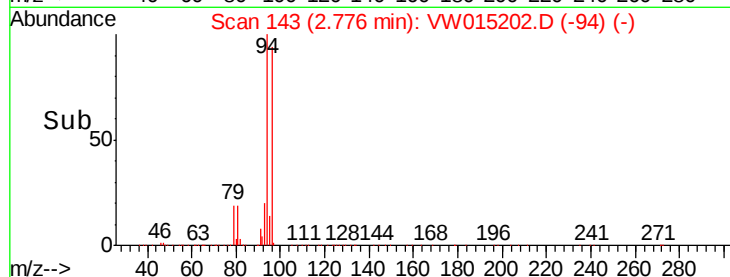
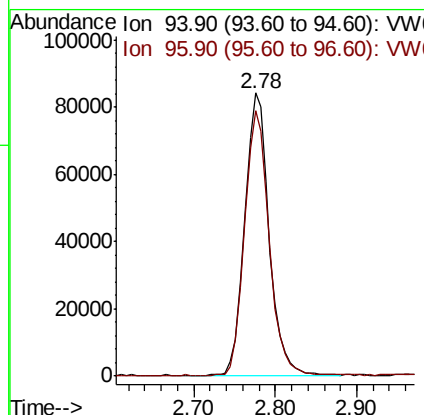
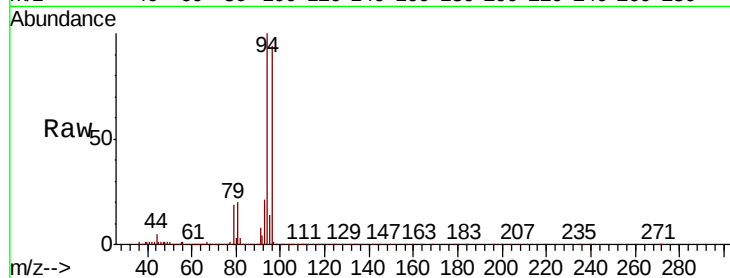
ClientSampleId :

Tot Ion: 94 Resp: 174663

Ion Ratio Lower Upper

94 100

96 93.7 70.4 105.6



#6

Chloroethane

Concen: 53.218 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015202.D

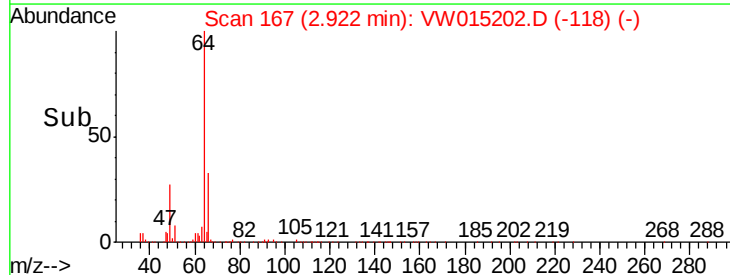
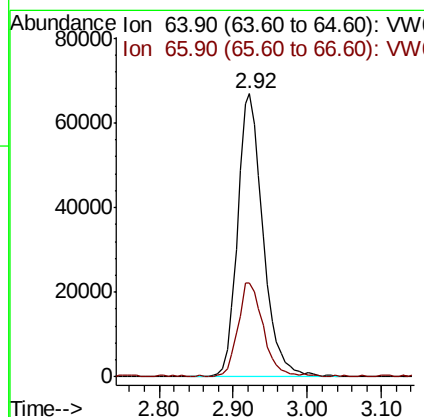
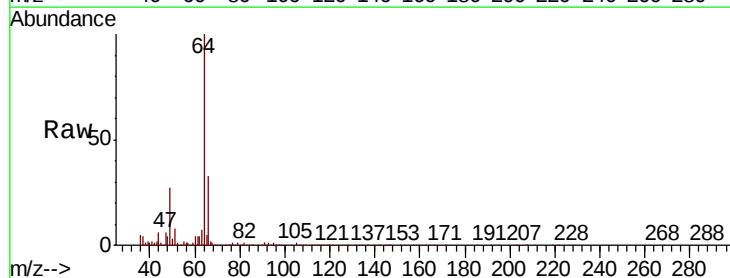
Acq: 15 Apr 2020 14:45

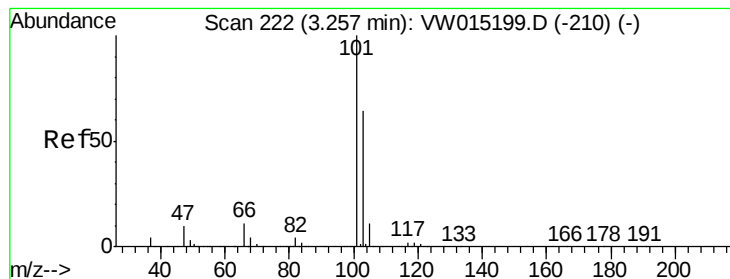
Tgt Ion: 64 Resp: 160505

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.6



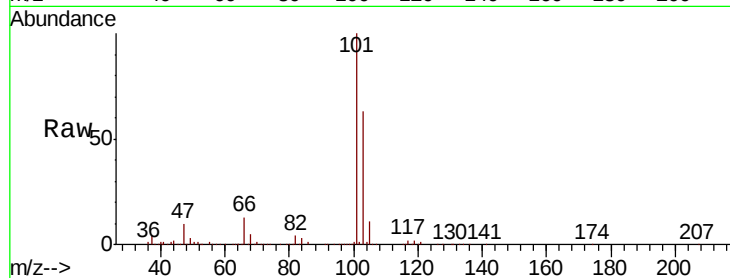


#7

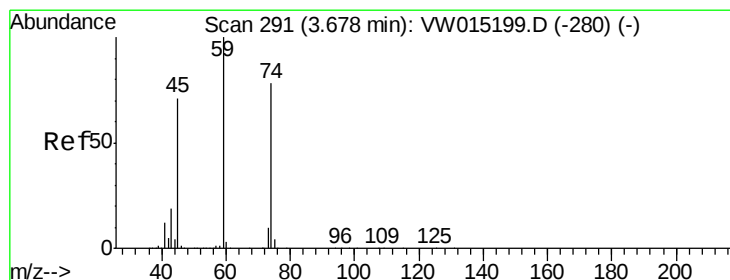
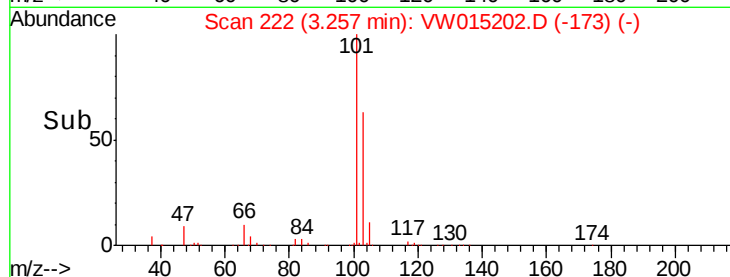
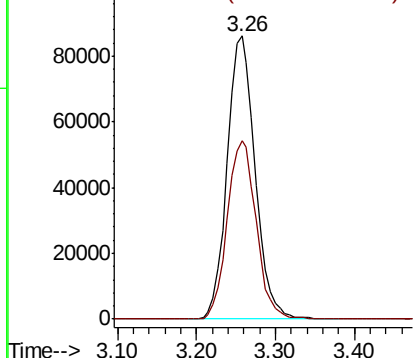
Trichlorofluoromethane
 Concen: 54.269 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:101 Resp: 212618
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.3 76.9



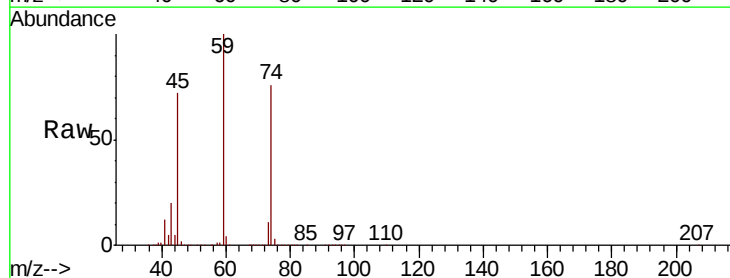
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



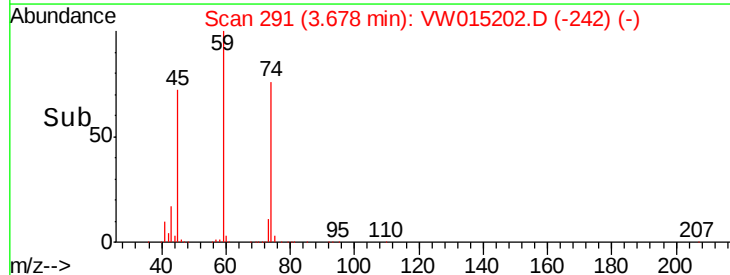
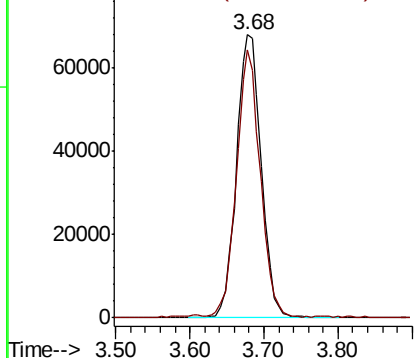
#8

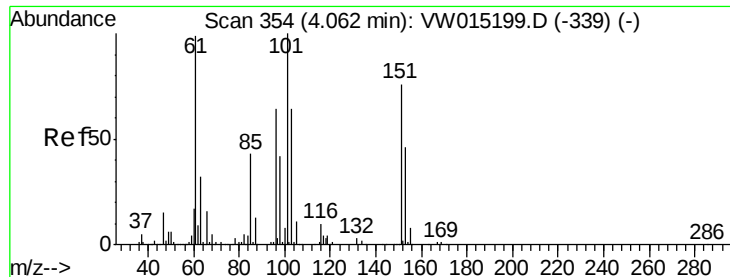
Diethyl Ether
 Concen: 52.385 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 74 Resp: 158223
 Ion Ratio Lower Upper
 74 100
 45 90.5 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.084 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampled :

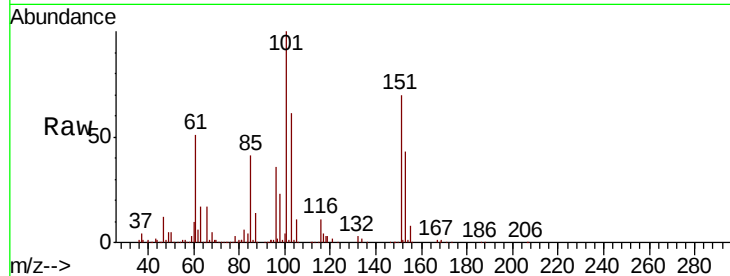
Tot Ion:101 Resp: 322011

Ion Ratio Lower Upper

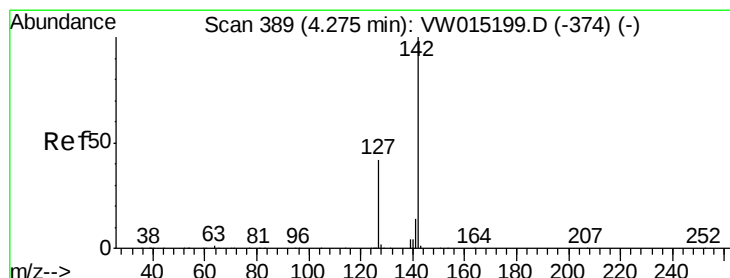
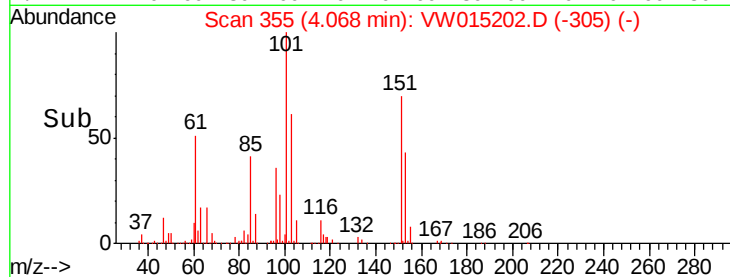
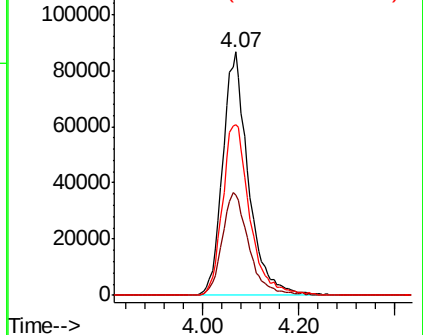
101 100

85 43.8 35.3 52.9

151 74.0 59.3 88.9



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: 52.607 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

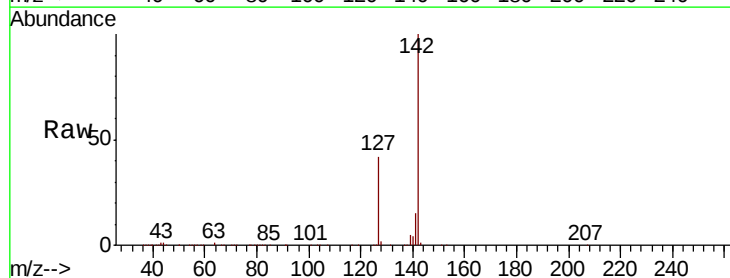
Tgt Ion:142 Resp: 467738

Ion Ratio Lower Upper

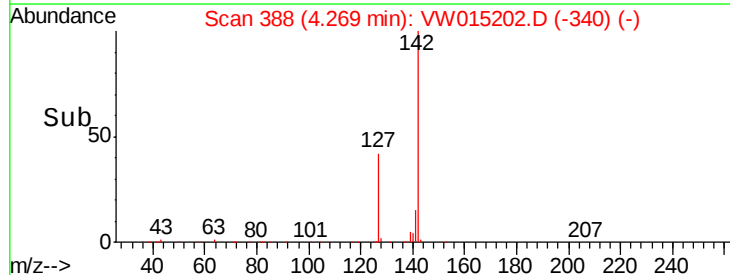
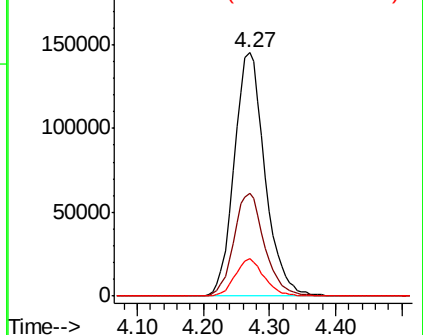
142 100

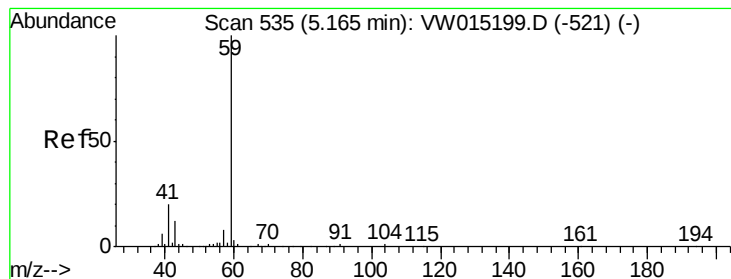
127 42.3 33.9 50.9

141 14.7 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



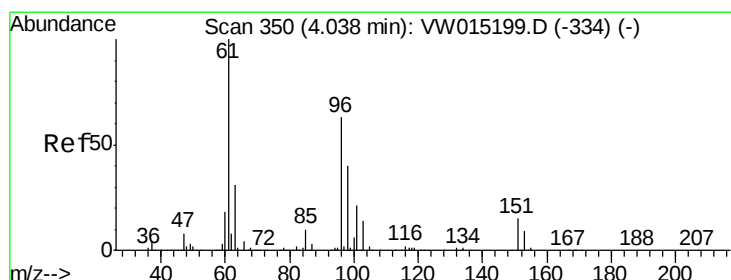
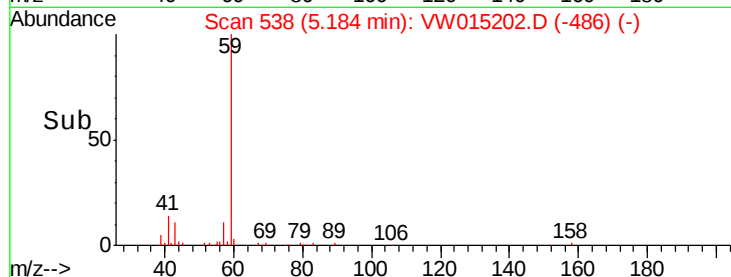
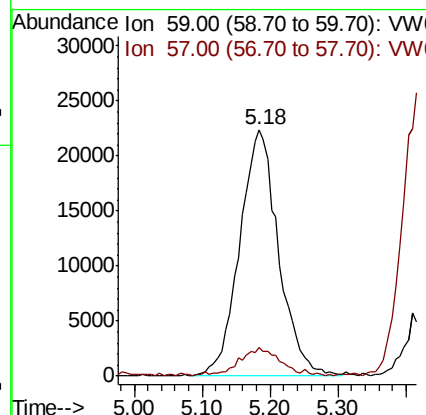
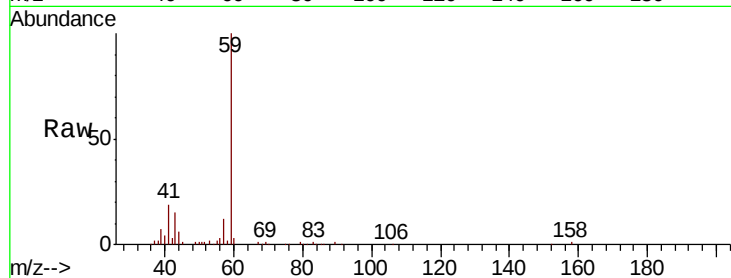


#11

Tert butyl alcohol
 Concen: 213.098 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampleId :

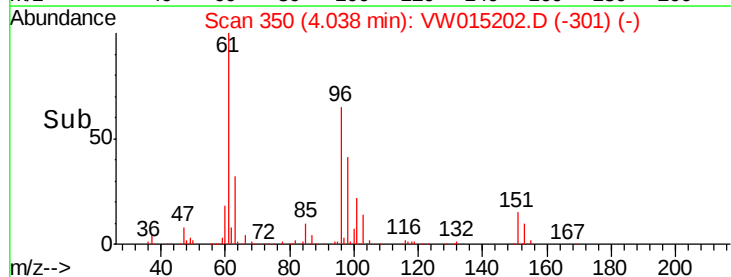
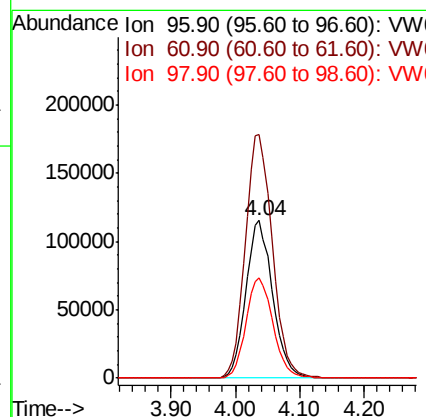
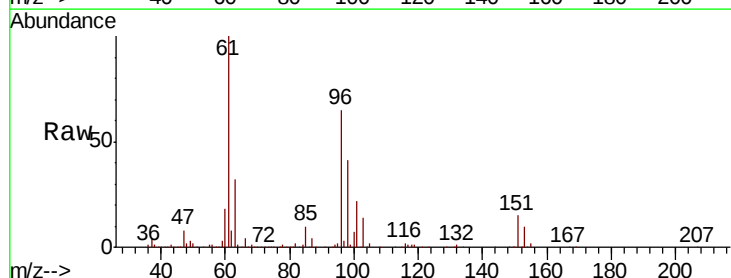
Tot Ion: 59 Resp: 88012
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

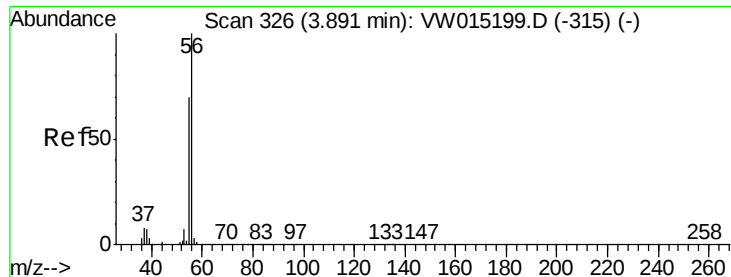


#12

1,1-Dichloroethene
 Concen: 53.570 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 96 Resp: 328489
 Ion Ratio Lower Upper
 96 100
 61 154.8 127.0 190.4
 98 63.6 51.0 76.4





#13

Acrolein

Concen: 230.547 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

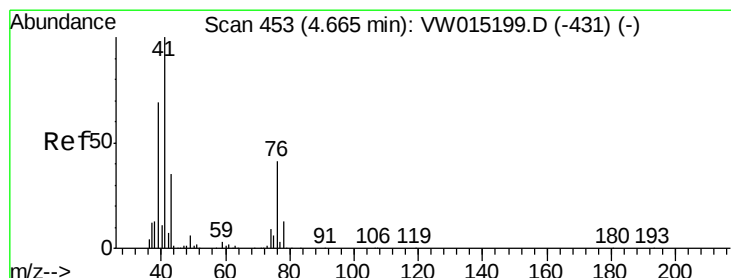
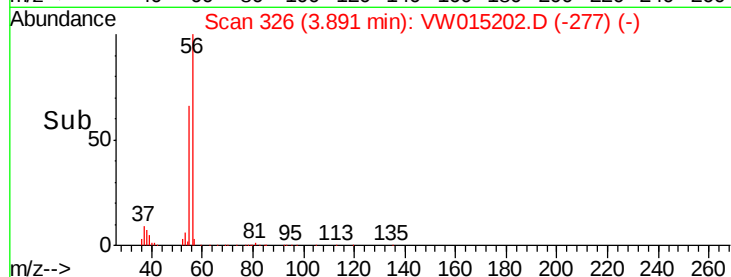
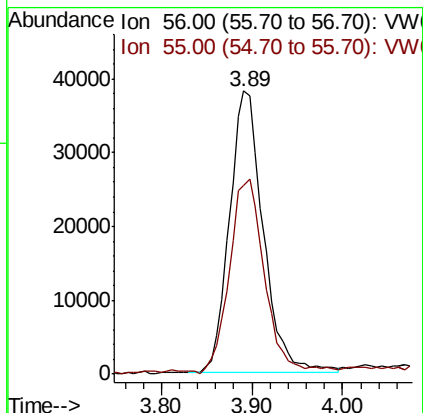
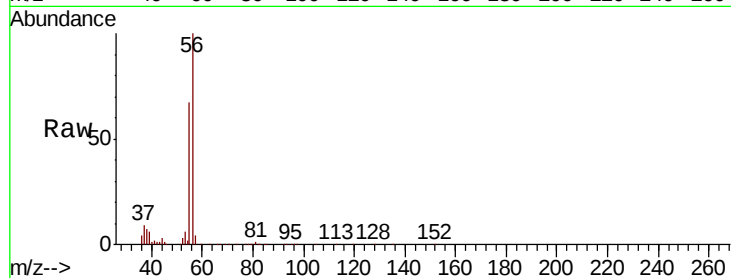
ClientSampleId :

Tot Ion: 56 Resp: 98992

Ion Ratio Lower Upper

56 100

55 70.9 56.2 84.2



#14

Allyl chloride

Concen: 53.698 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

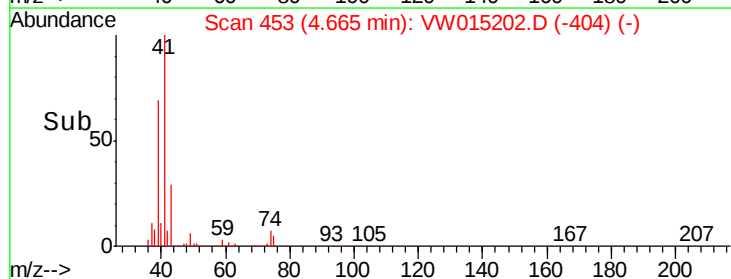
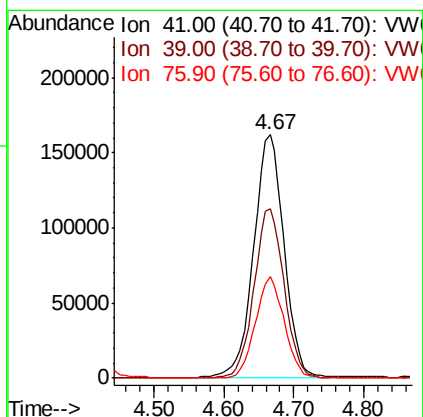
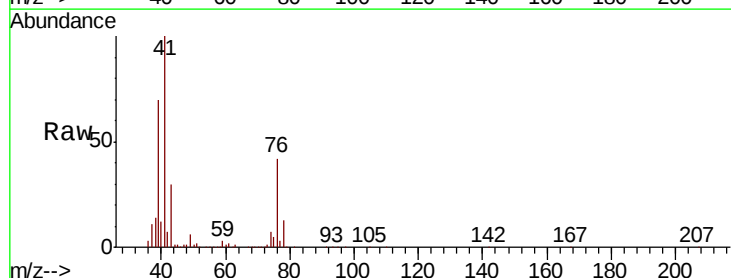
Tgt Ion: 41 Resp: 487092

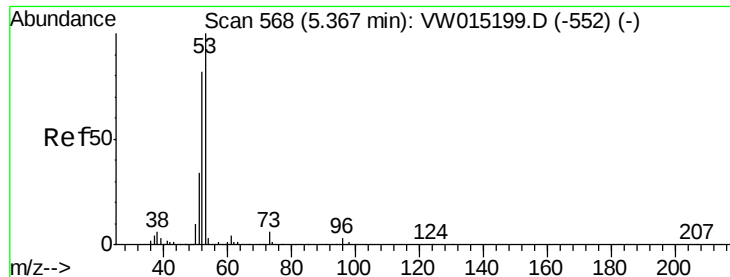
Ion Ratio Lower Upper

41 100

39 68.5 54.0 81.0

76 39.3 31.8 47.6





#15

Acrylonitrile

Concen: 246.760 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

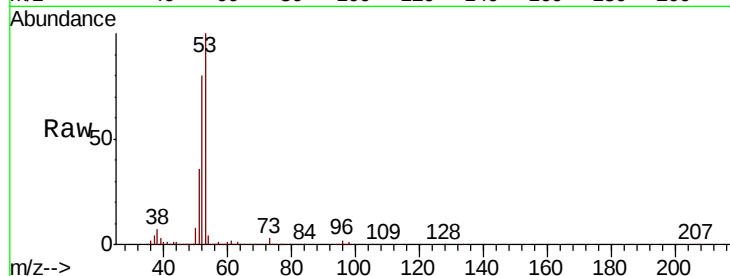
Tot Ion: 53 Resp: 312795

Ion Ratio Lower Upper

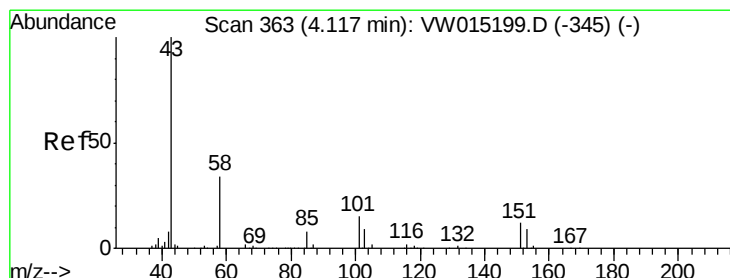
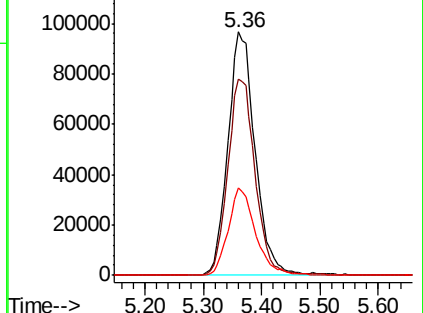
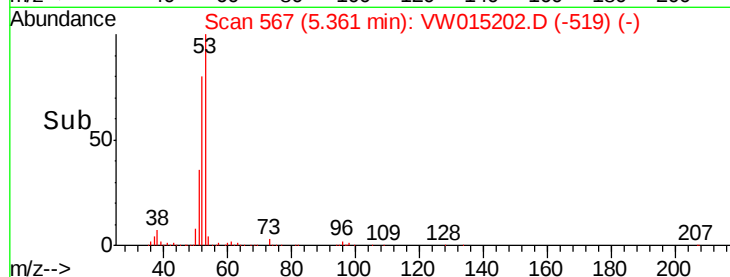
53 100

52 80.8 65.2 97.8

51 35.8 28.2 42.4



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: 270.130 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015202.D

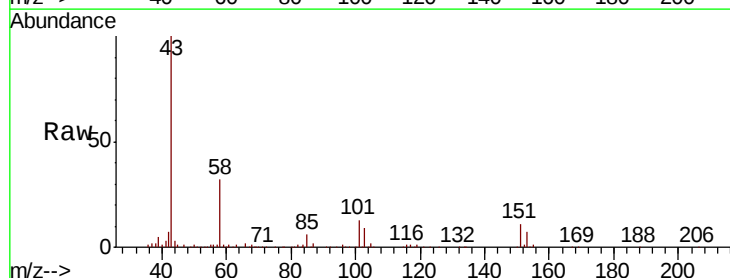
Acq: 15 Apr 2020 14:45

Tgt Ion: 43 Resp: 267682

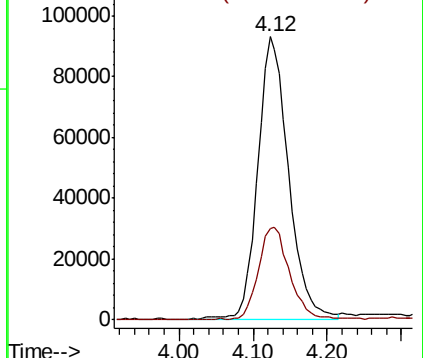
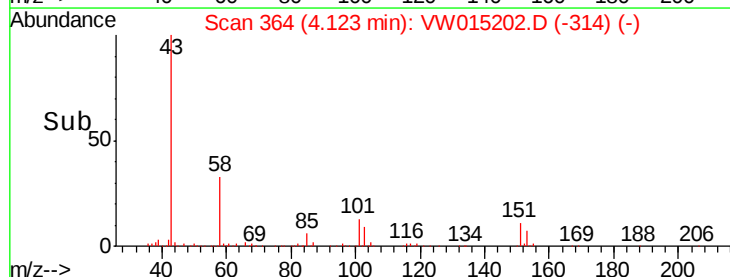
Ion Ratio Lower Upper

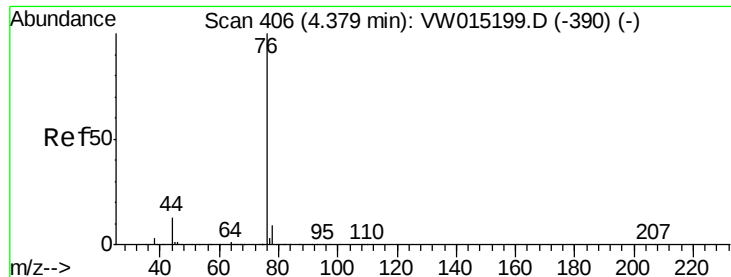
43 100

58 32.4 27.0 40.4



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

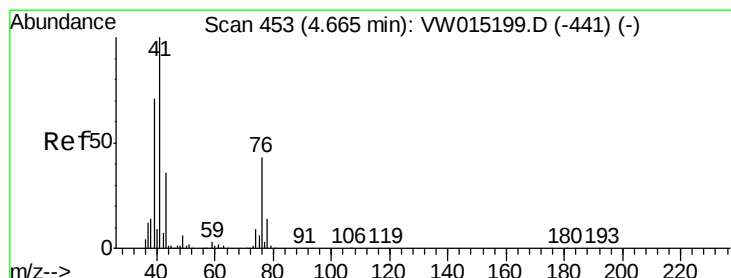
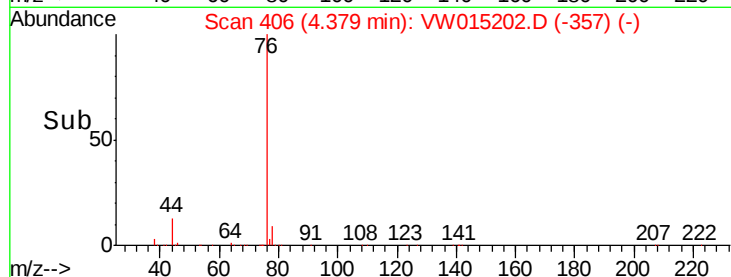
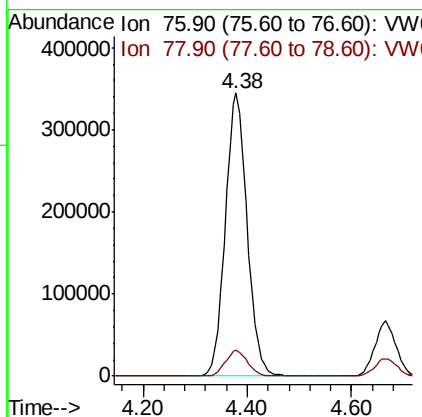
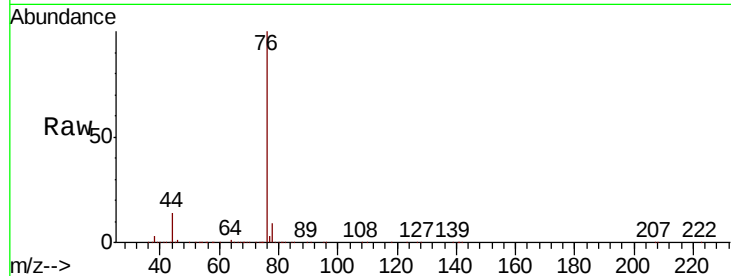




#17
Carbon Disulfide
Concen: 54.336 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

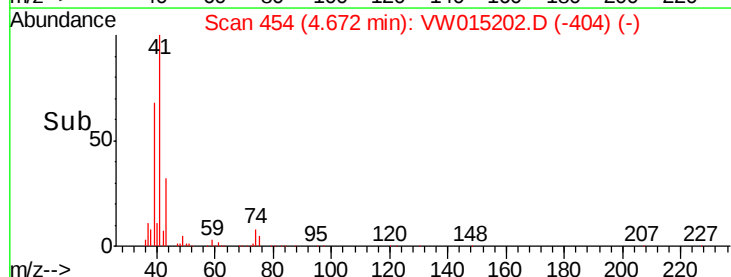
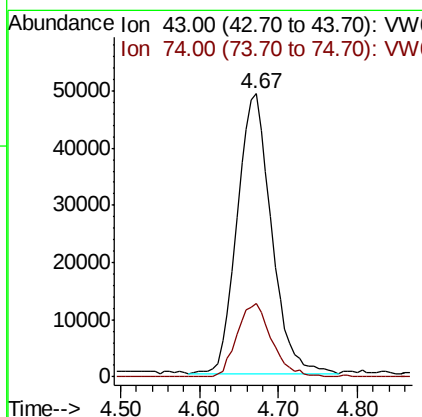
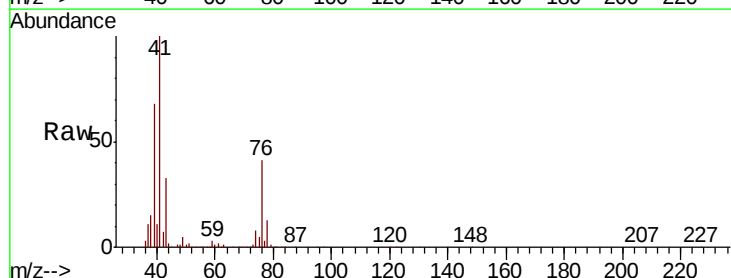
Instrument :
MSVOA_W
ClientSampleId :

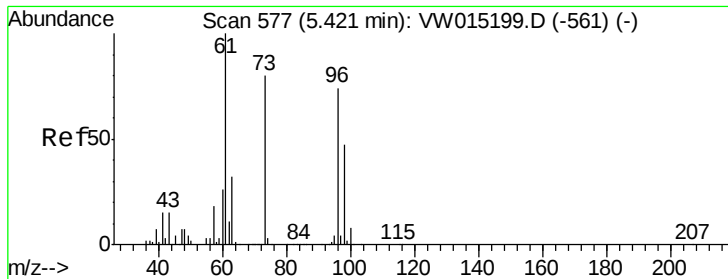
Tot Ion: 76 Resp: 1014079
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 48.630 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion: 43 Resp: 147361
Ion Ratio Lower Upper
43 100
74 26.6 20.6 31.0



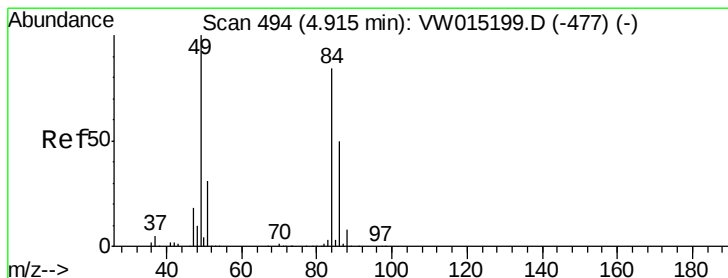
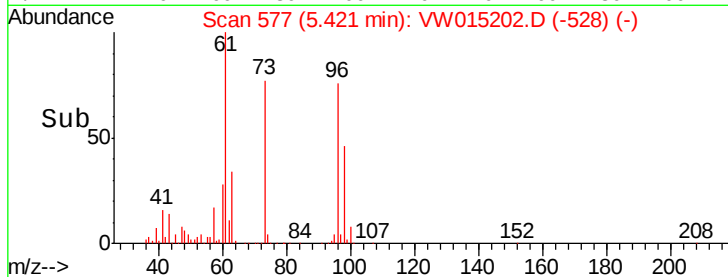
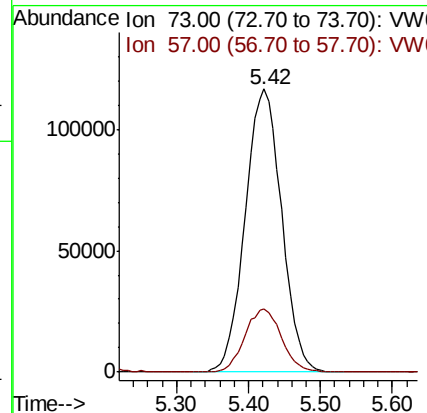
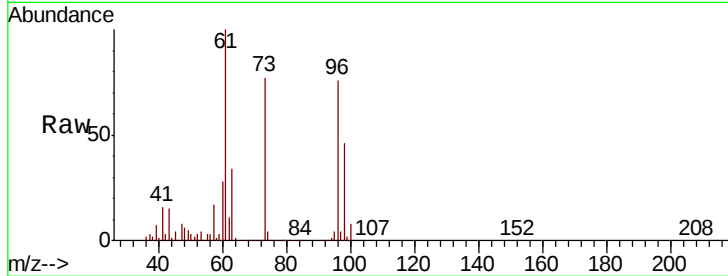


#19

Methyl tert-butyl Ether
 Concen: 50.963 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampled :

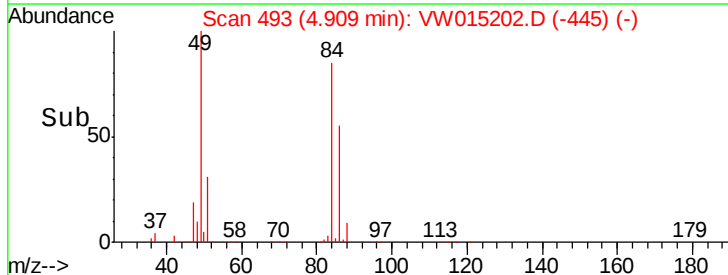
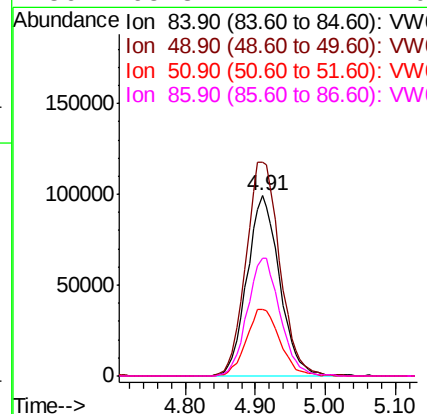
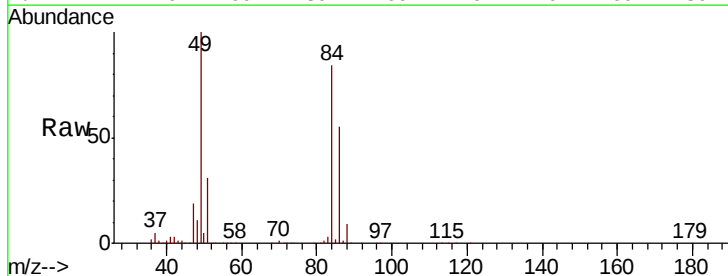
Tot Ion: 73 Resp: 409269
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

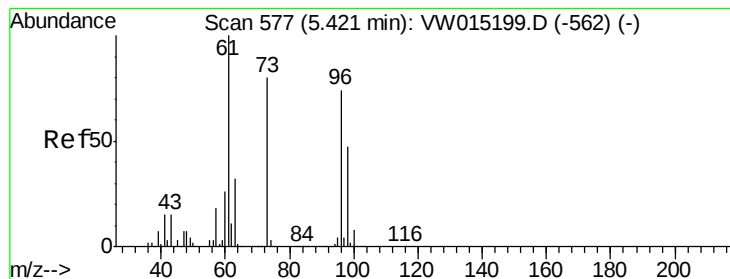


#20

Methylene Chloride
 Concen: 46.867 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 84 Resp: 321626
 Ion Ratio Lower Upper
 84 100
 49 118.3 95.4 143.0
 51 36.9 29.8 44.8
 86 65.3 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 53.386 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :
MSVOA_W
ClientSampleId :

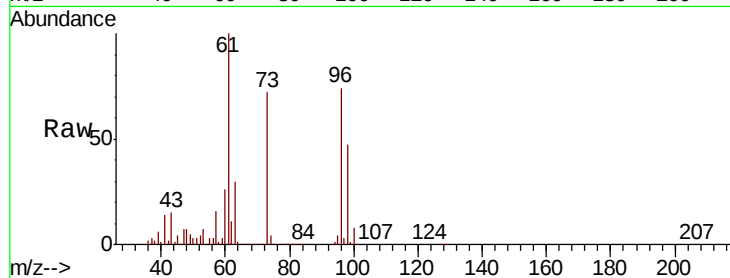
Tot Ion: 96 Resp: 345394

Ion Ratio Lower Upper

96 100

61 135.8 107.8 161.6

98 63.4 50.2 75.2

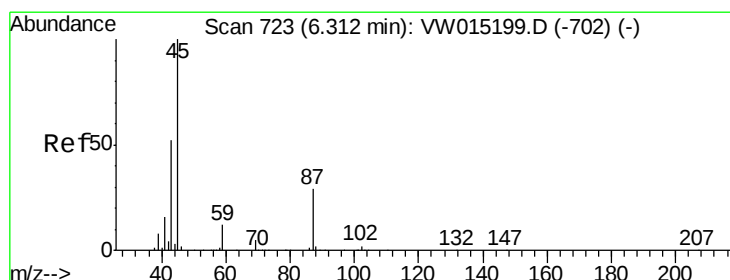
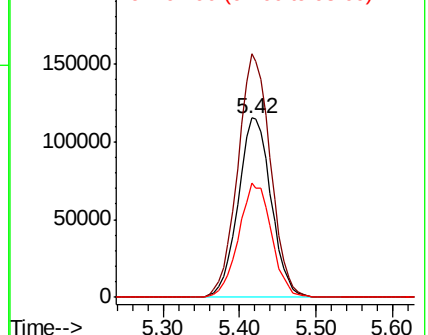
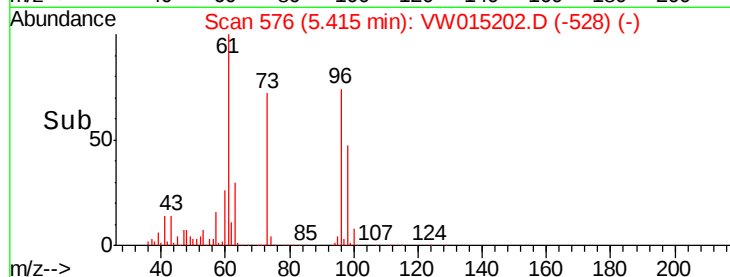


Abundance

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



#22

Diisopropyl ether

Concen: 51.819 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Tgt Ion: 45 Resp: 948008

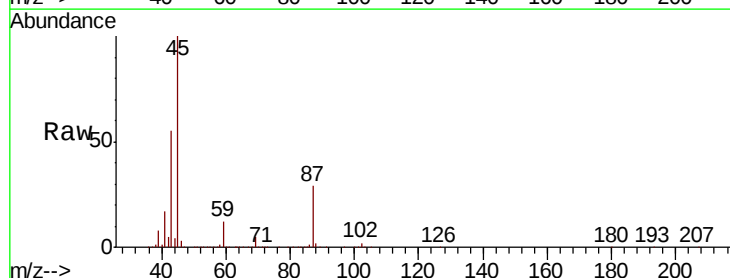
Ion Ratio Lower Upper

45 100

43 54.4 41.8 62.6

87 29.1 23.2 34.8

59 12.1 9.6 14.4



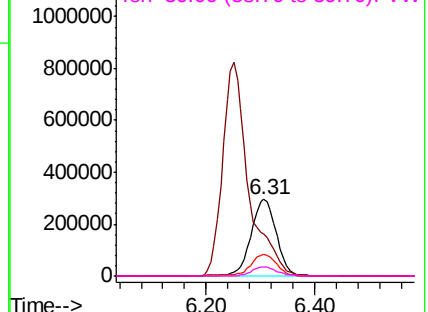
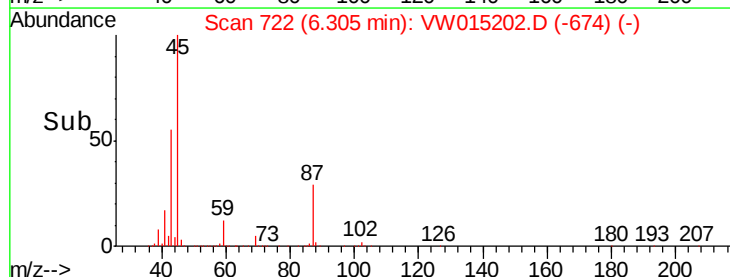
Abundance

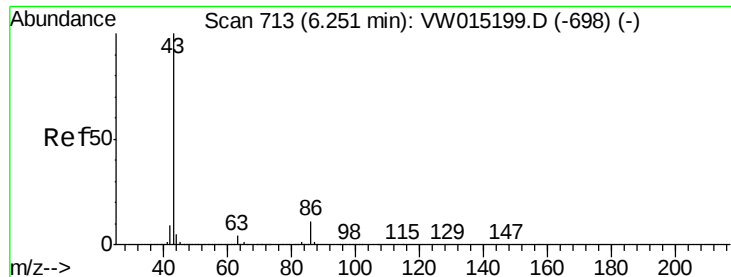
Ion 45.00 (44.70 to 45.70): VW

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: 256.219 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

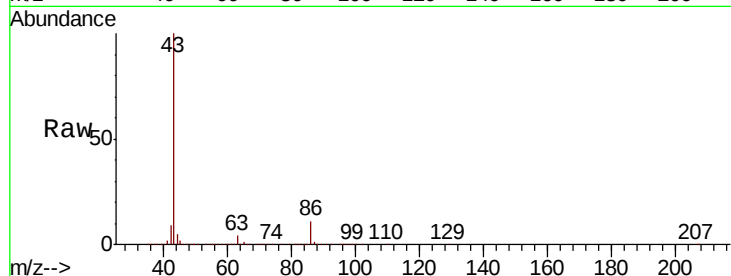
ClientSampleId :

Tot Ion: 43 Resp: 2722193

Ion Ratio Lower Upper

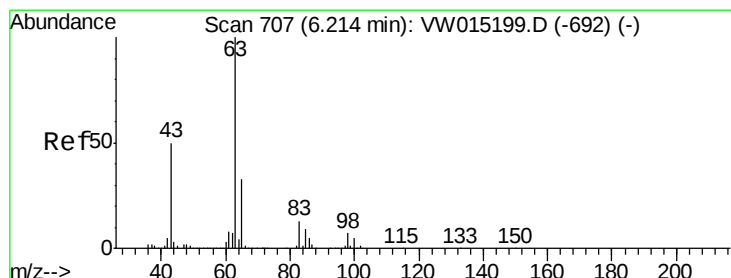
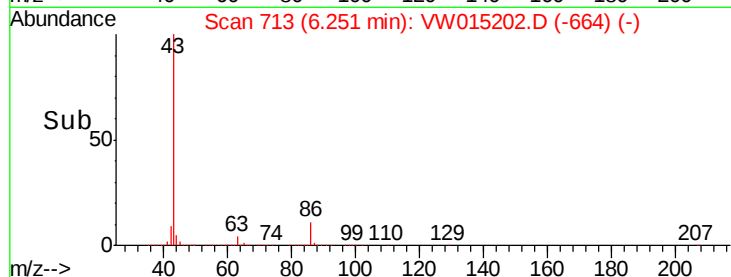
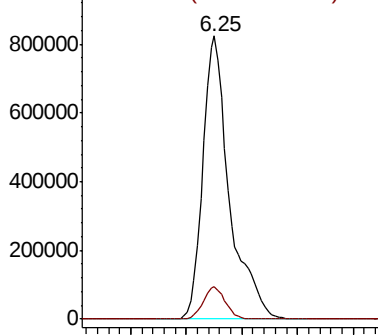
43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 53.117 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

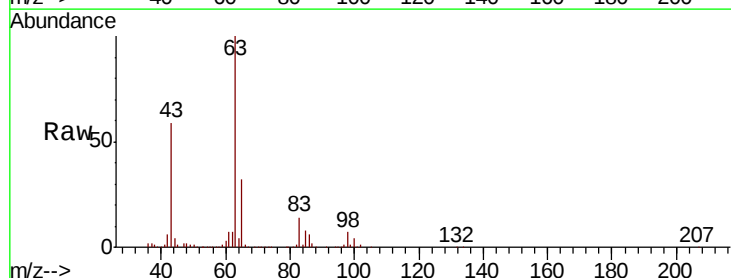
Tgt Ion: 63 Resp: 577739

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

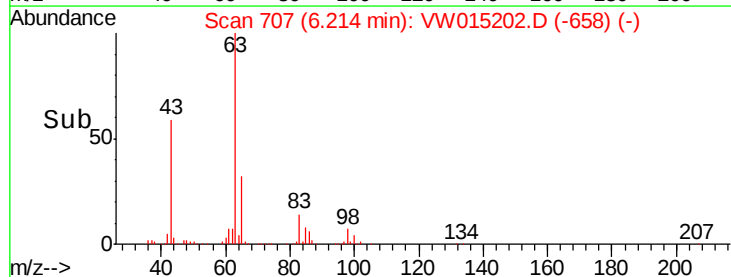
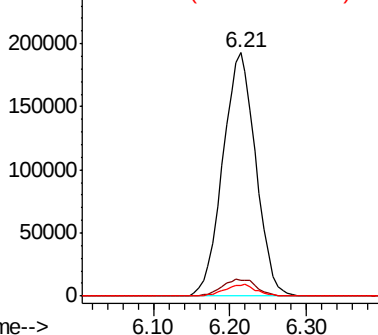
100 4.1 2.4 7.2

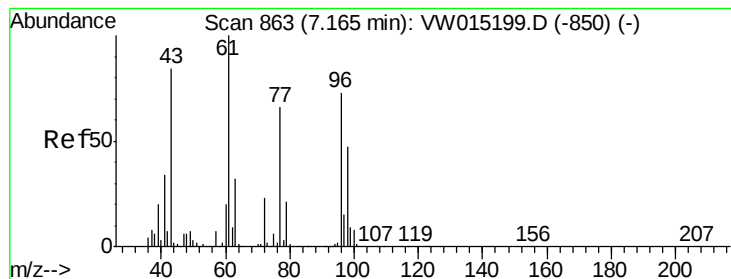


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 245.491 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

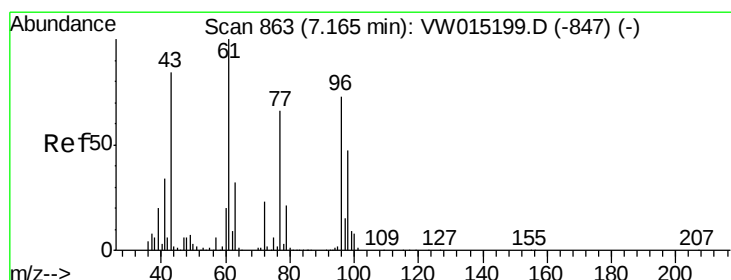
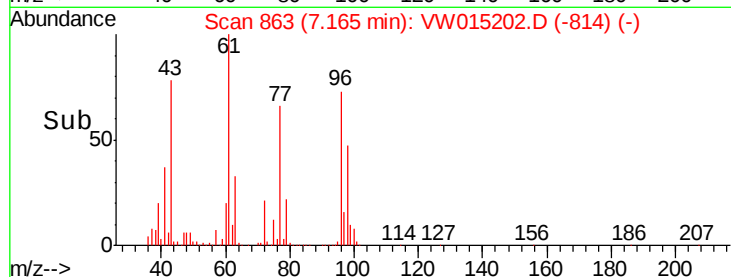
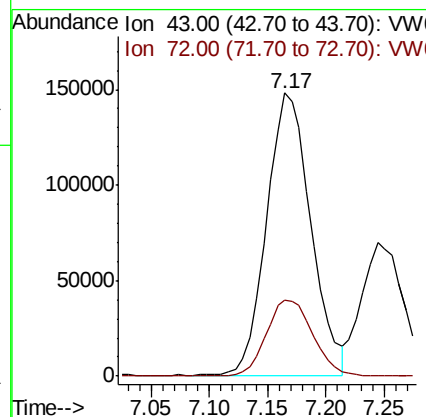
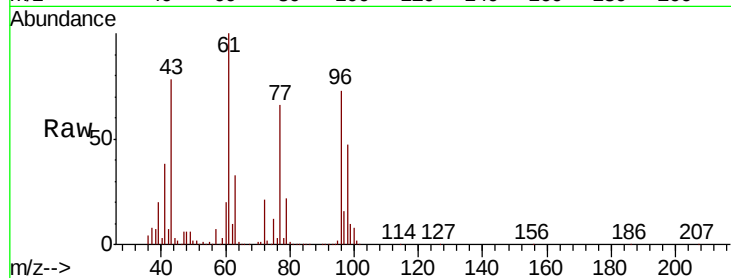
ClientSampled :

Tot Ion: 43 Resp: 389287

Ion Ratio Lower Upper

43 100

72 27.1 21.6 32.4



#26

2,2-Dichloropropane

Concen: 52.370 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW015202.D

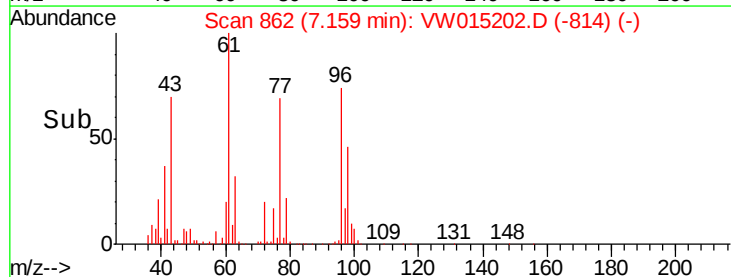
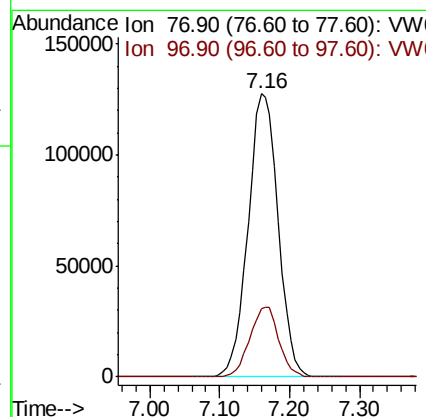
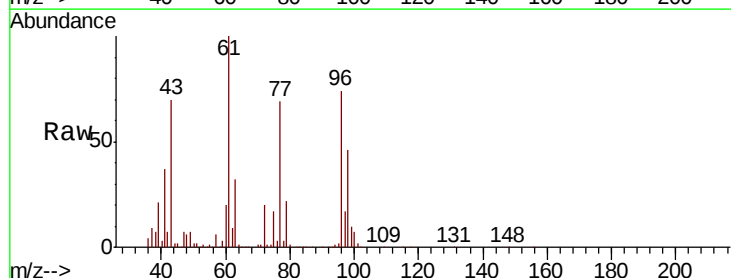
Acq: 15 Apr 2020 14:45

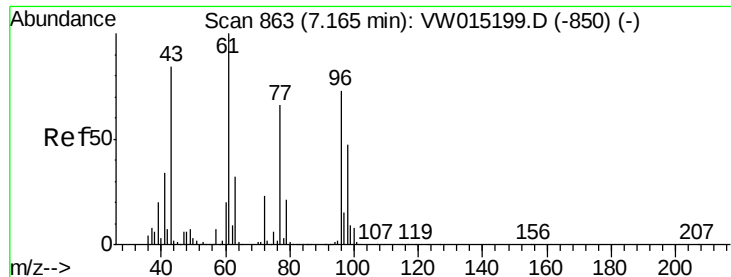
Tgt Ion: 77 Resp: 379091

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



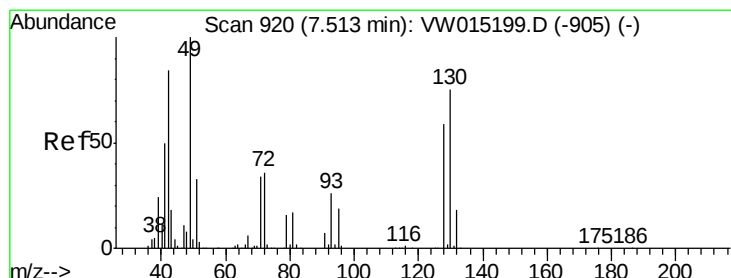
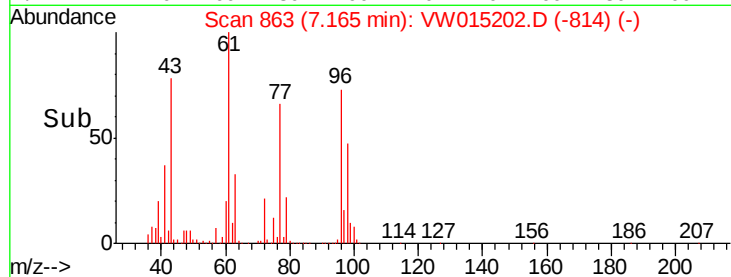
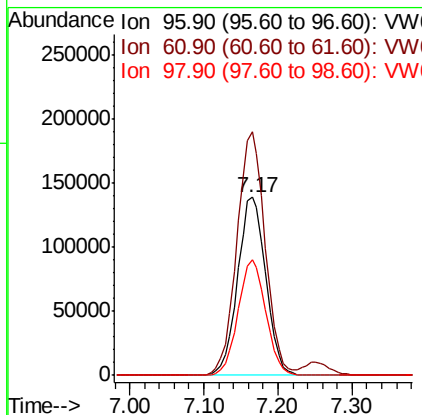
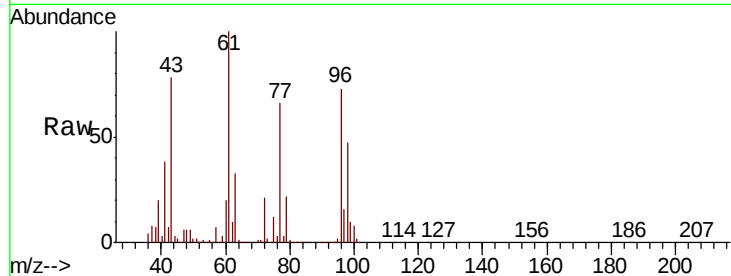


#27

cis-1,2-Dichloroethene
 Concen: 53.081 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampled :

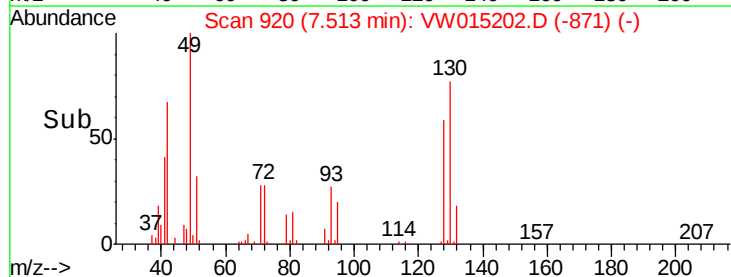
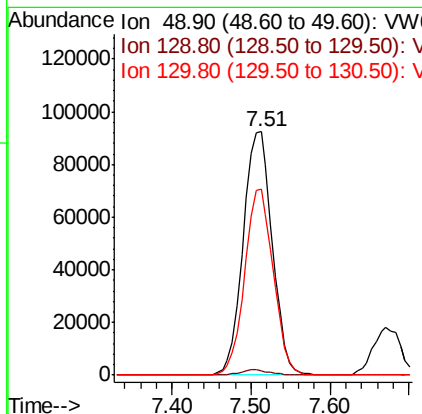
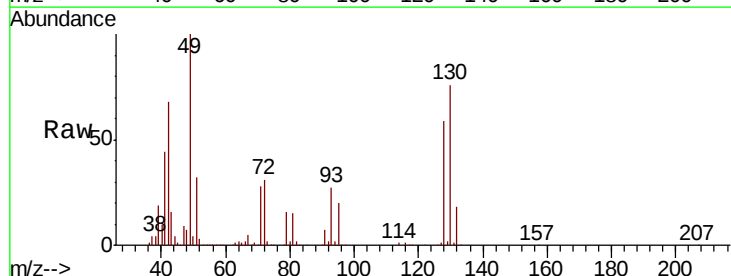
Tot Ion	96	Resp	370214
Ion Ratio	Lower	Upper	
96	100		
61	137.0	0.0	275.0
98	63.8	0.0	130.8

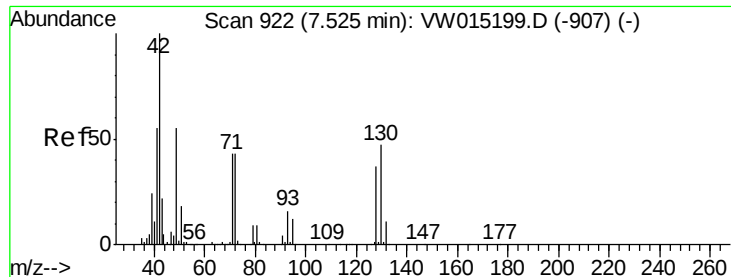


#28

Bromochloromethane
 Concen: 52.241 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion	49	Resp	237478
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	74.9	60.9	91.3

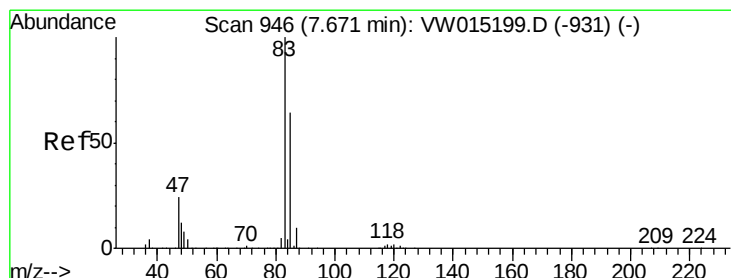
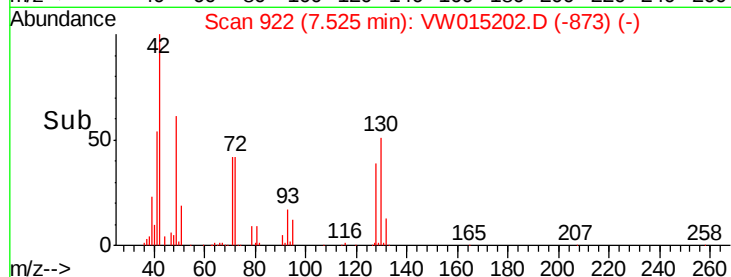
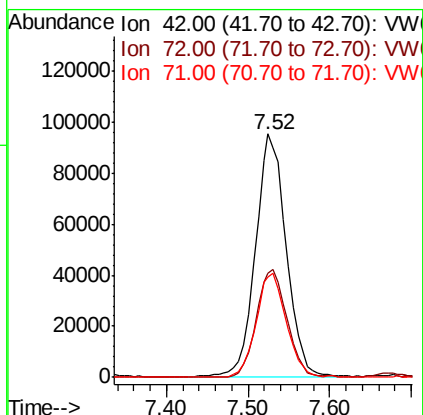
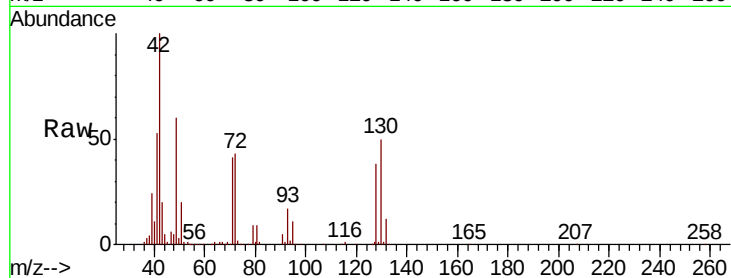




#29
Tetrahydrofuran
Concen: 239.646 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

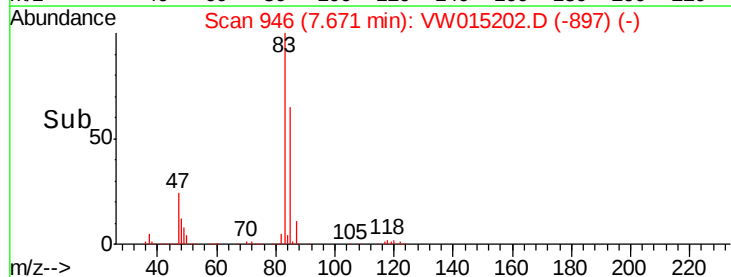
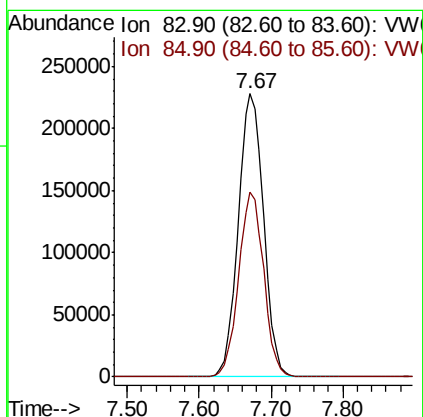
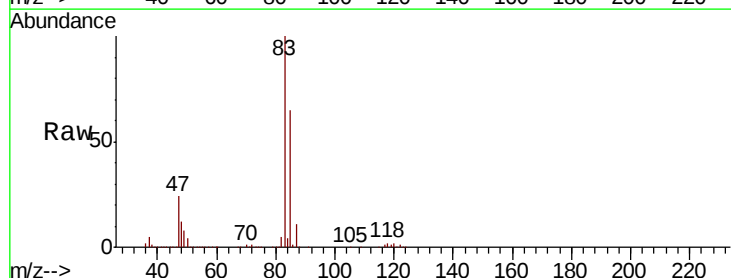
Instrument :
MSVOA_W
ClientSampleId :

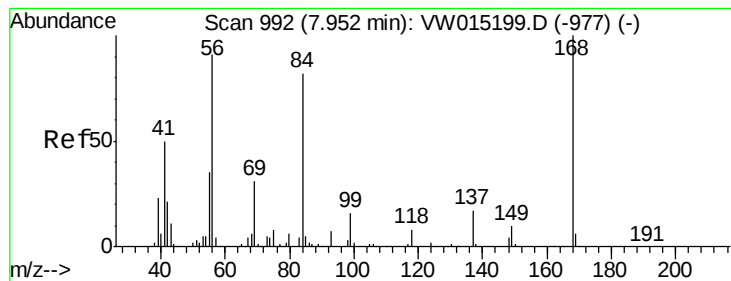
Tot Ion: 42 Resp: 249104
Ion Ratio Lower Upper
42 100
72 44.6 36.2 54.2
71 42.5 34.2 51.4



#30
Chloroform
Concen: 52.013 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion: 83 Resp: 554173
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3





#31

Cyclohexane

Concen: 51.231 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampled :

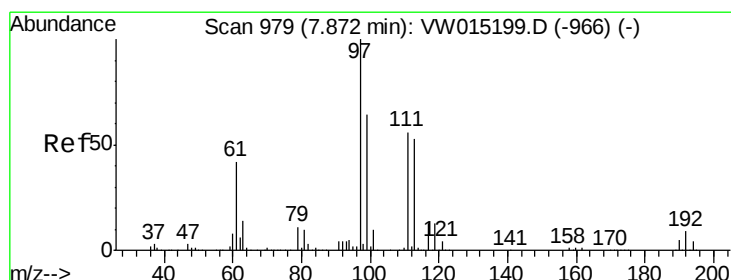
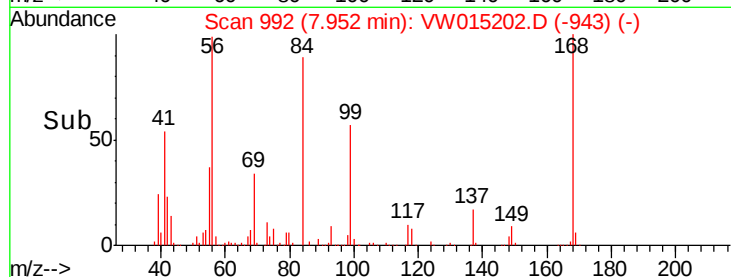
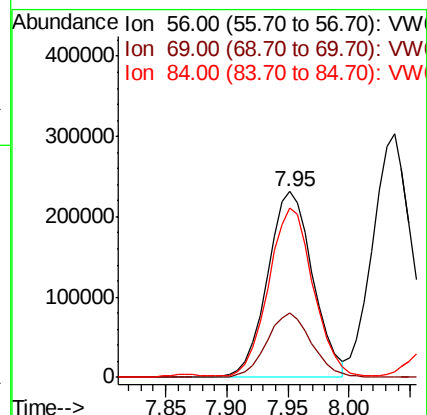
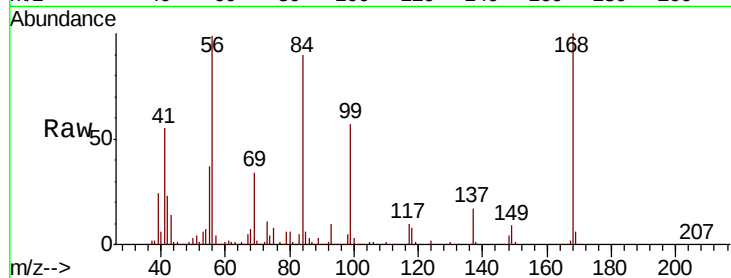
Tot Ion: 56 Resp: 595627

Ion Ratio Lower Upper

56 100

69 34.5 27.1 40.7

84 90.1 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 53.167 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

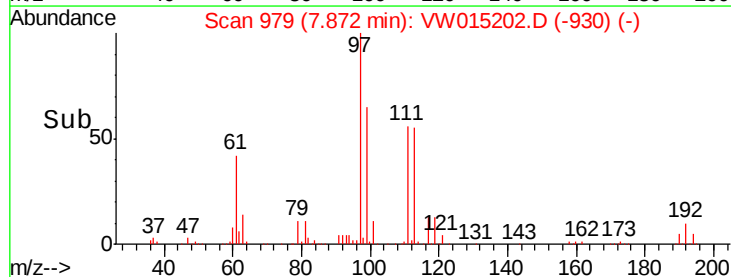
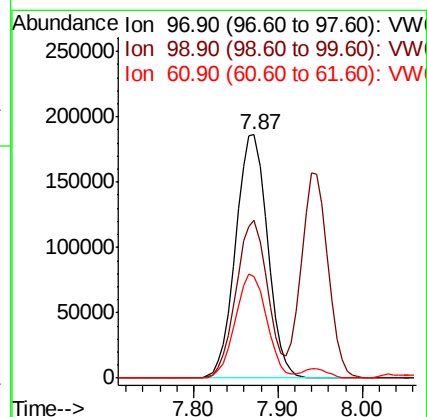
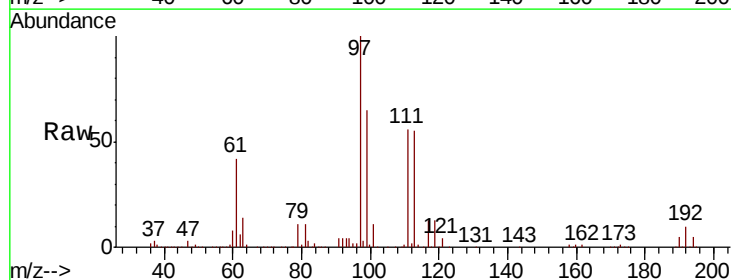
Tgt Ion: 97 Resp: 477196

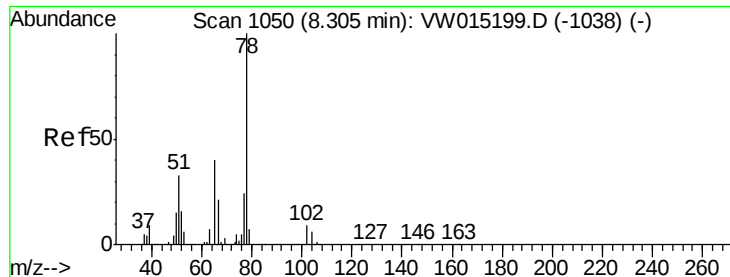
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 42.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.406 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

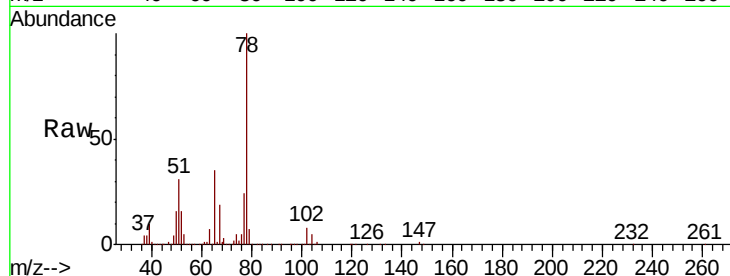
ClientSampleId :

Tot Ion: 65 Resp: 274877

Ion Ratio Lower Upper

65 100

67 55.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

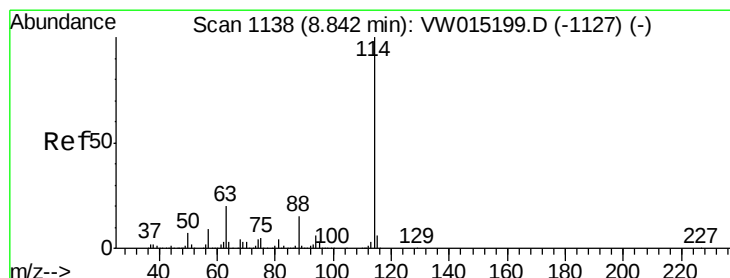
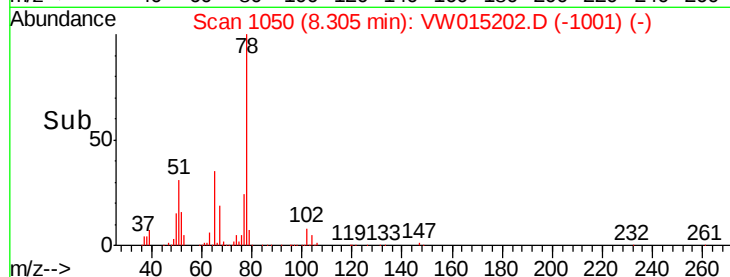
8.31

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

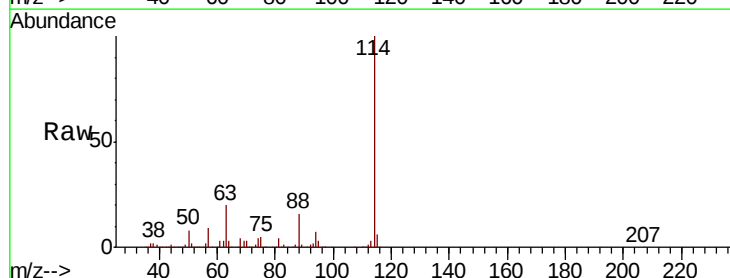
Tgt Ion: 114 Resp: 1008882

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

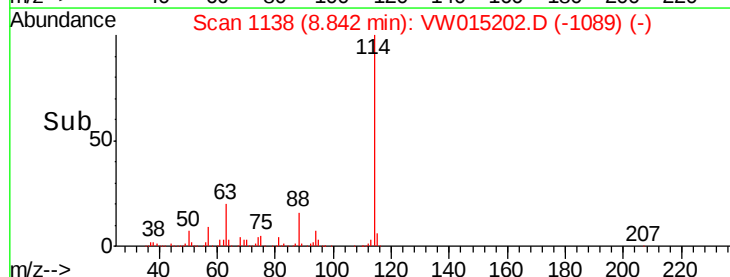
600000

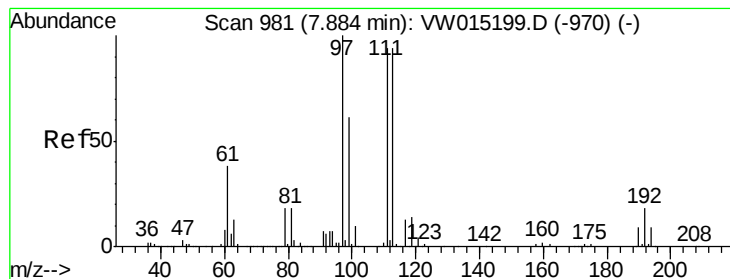
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.363 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

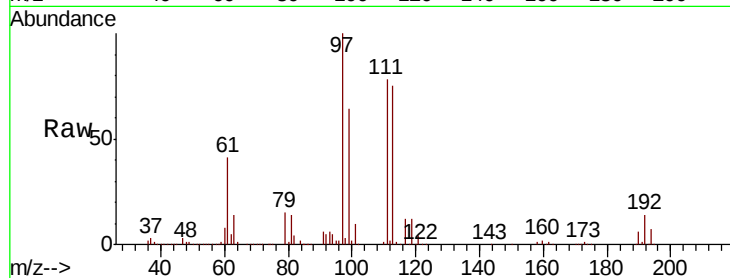
Tot Ion:113 Resp: 286563

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

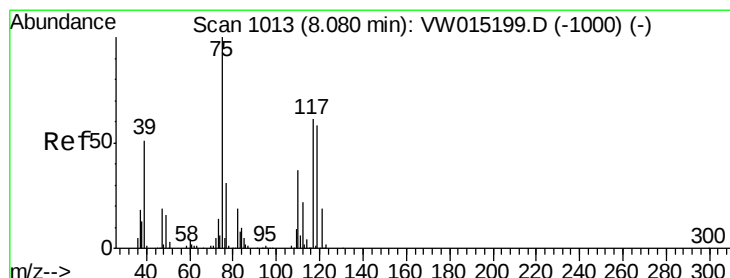
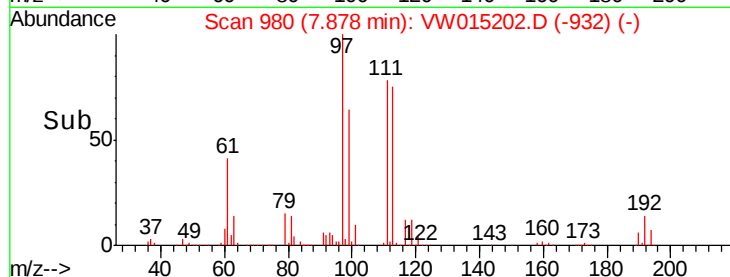
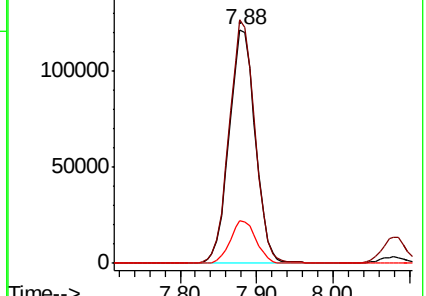
192 18.1 15.1 22.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.883 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

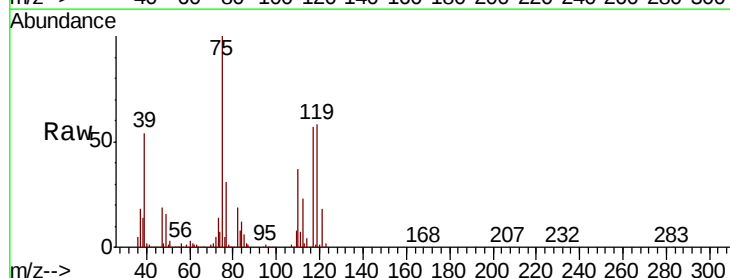
Tgt Ion: 75 Resp: 476625

Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

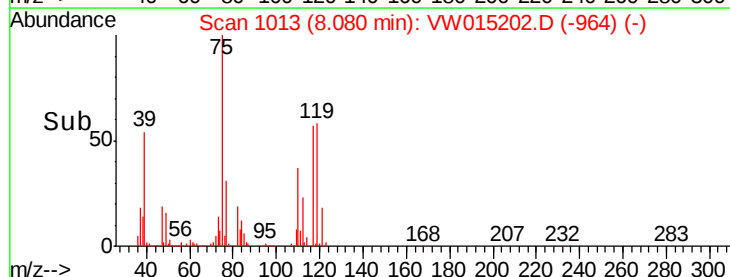
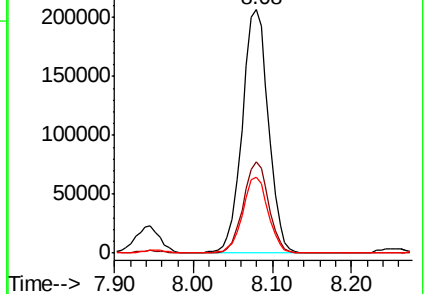
77 30.5 24.5 36.7

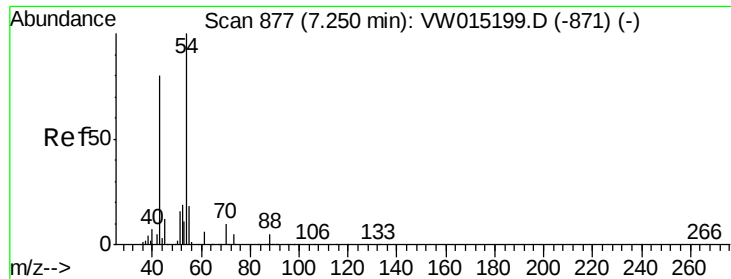


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

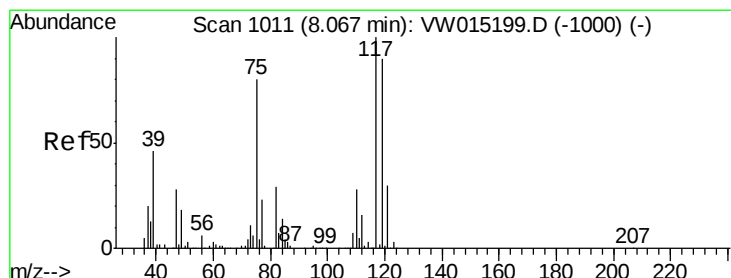
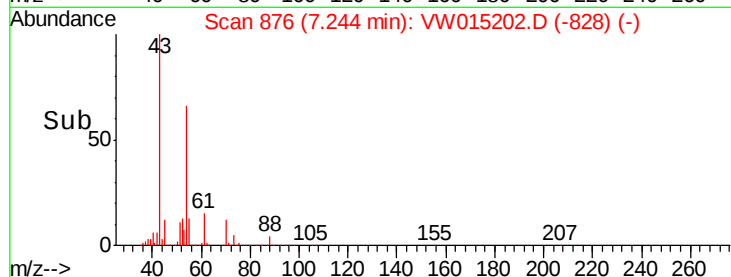
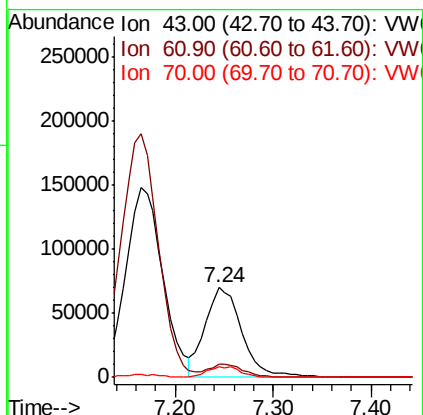
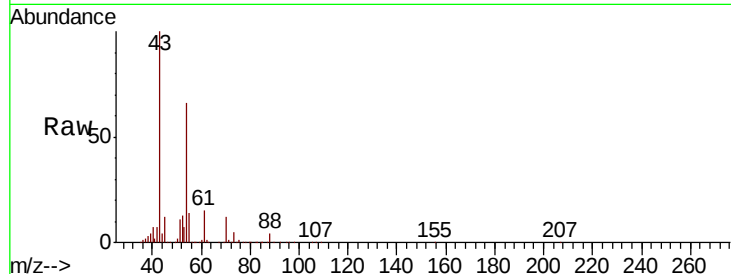




#37
Ethyl Acetate
Concen: 47.689 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

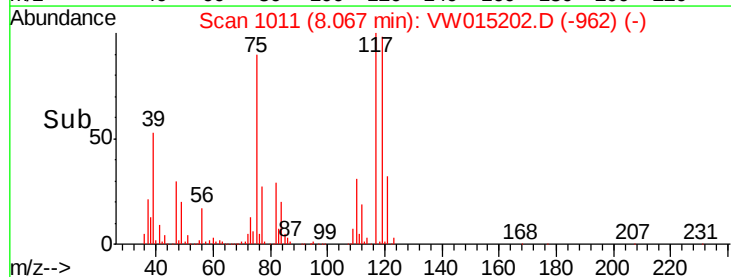
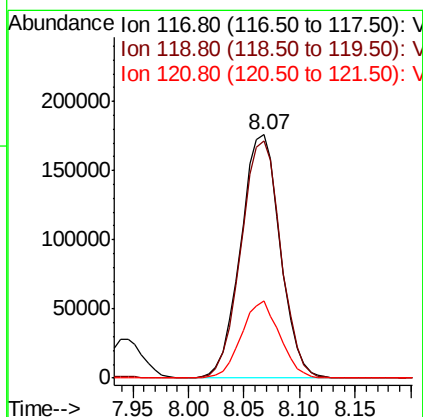
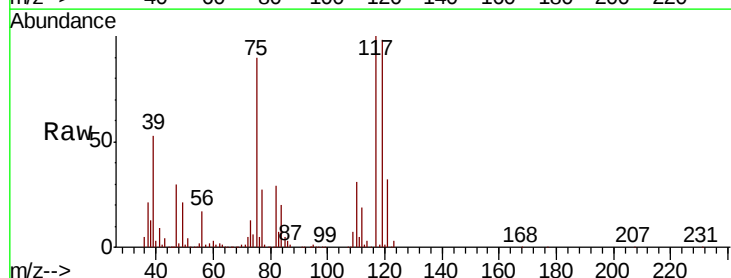
Instrument :
MSVOA_W
ClientSampled :

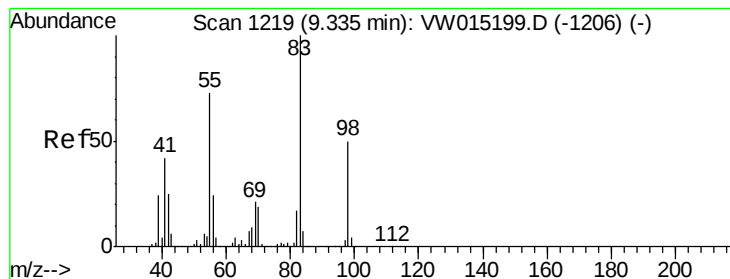
Tot Ion: 43 Resp: 178886
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 52.356 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion: 117 Resp: 433842
Ion Ratio Lower Upper
117 100
119 97.6 72.3 108.5
121 31.5 23.7 35.5





#39

Methvlcvclohexane

Concen: 53.947 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

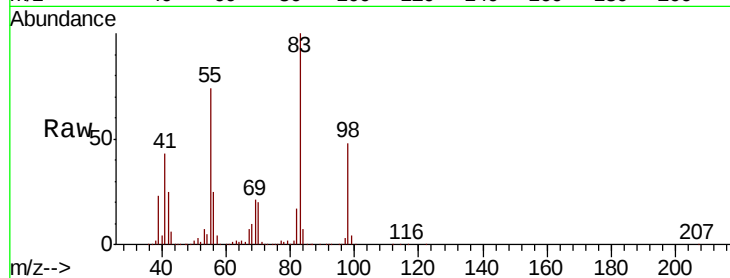
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 653379

Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.1	87.1
98	48.0	40.2	60.4

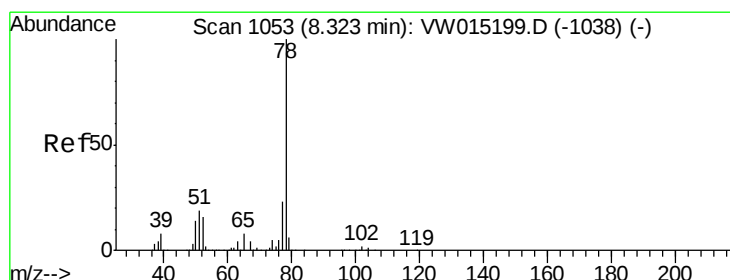
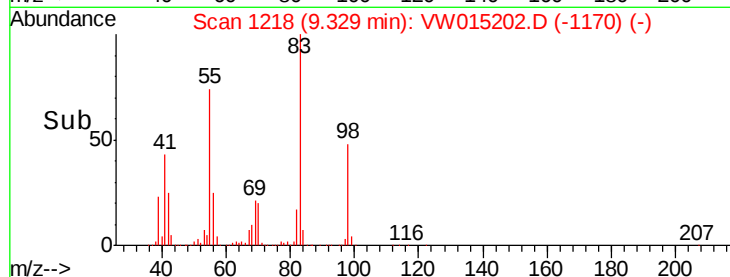


Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 52.285 ug/l

RT: 8.32 min Scan# 1053

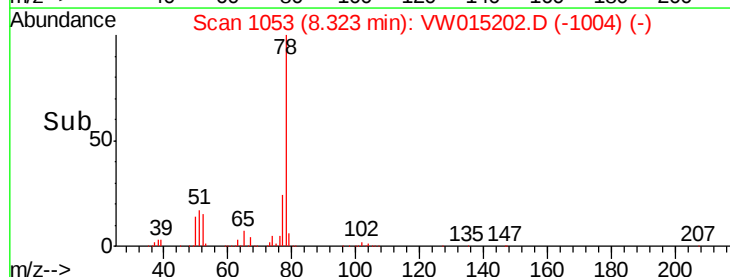
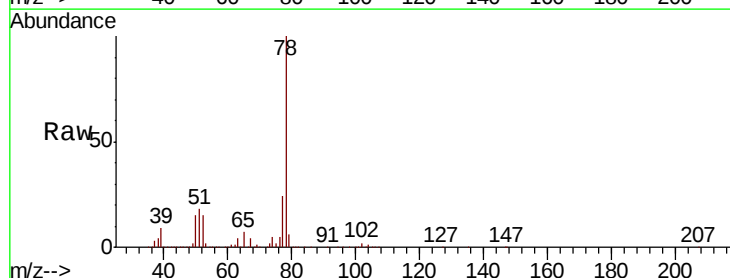
Delta R.T. 0.00 min

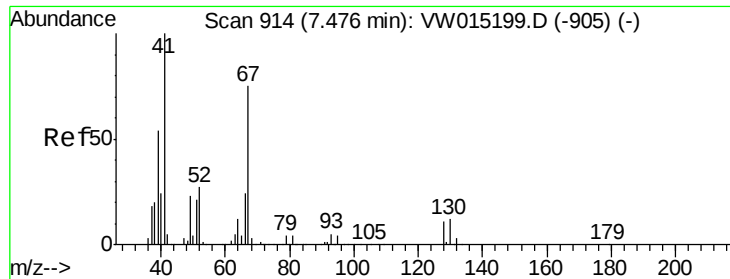
Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Tgt Ion: 78 Resp: 1338093

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2

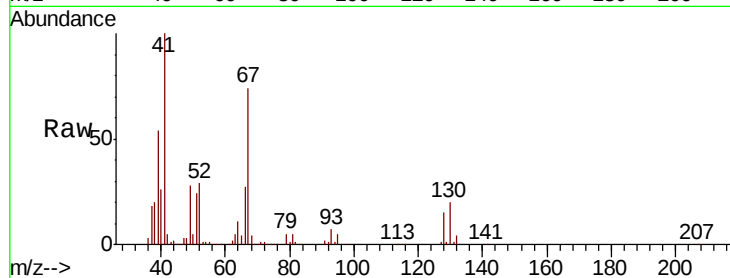




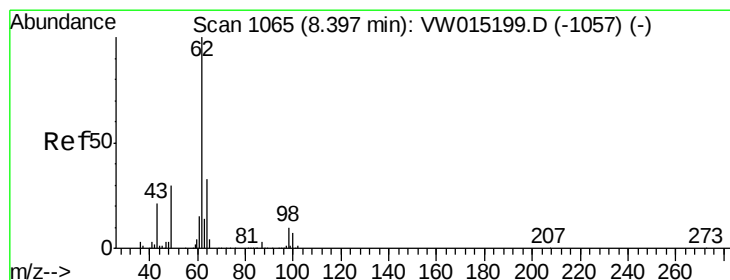
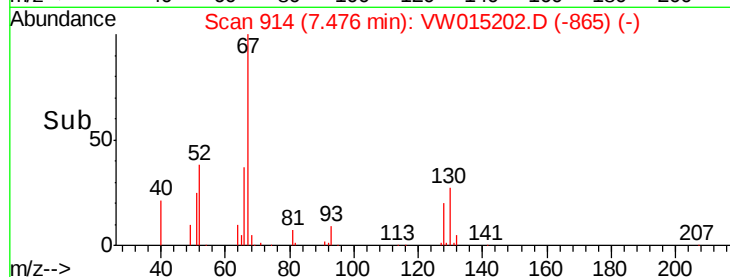
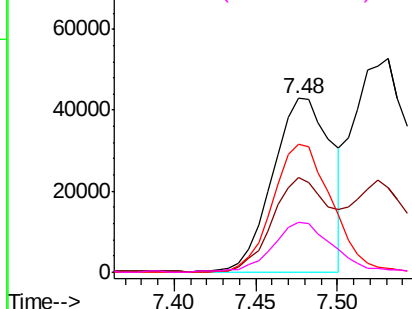
#41
Methacrylonitrile
Concen: 48.299 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	107199
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.9	62.9
67	74.7	60.6	91.0
52	29.9	23.8	35.8

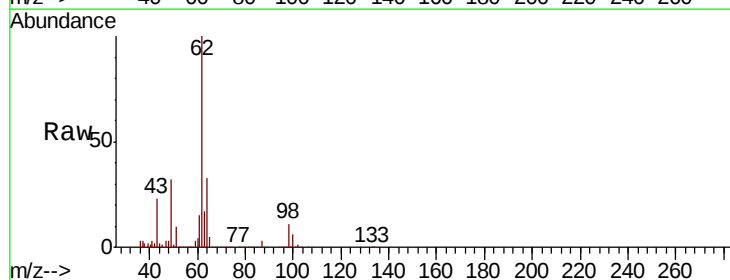


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

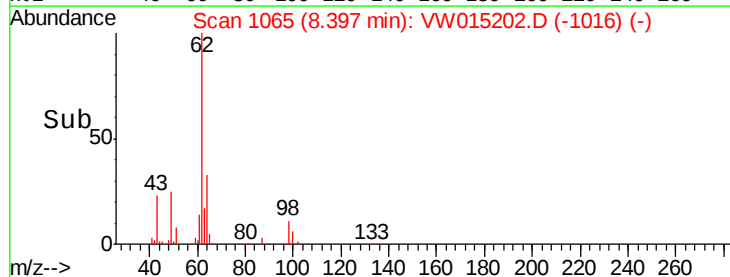
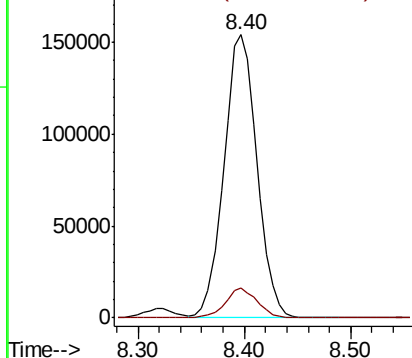


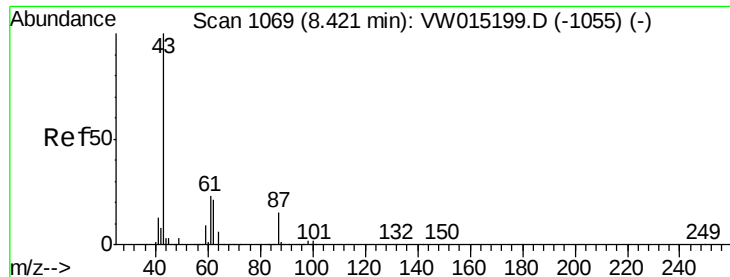
#42
1,2-Dichloroethane
Concen: 51.351 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:	62	Resp:	333544
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 50.069 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

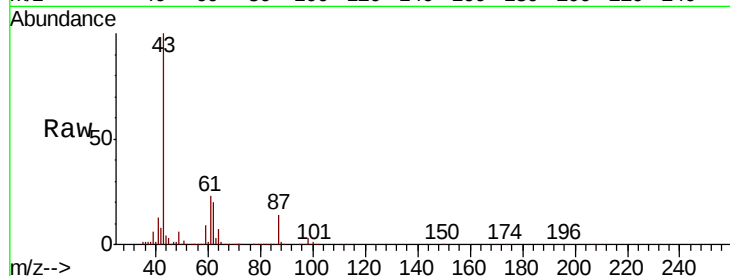
Tot Ion: 43 Resp: 367029

Ion Ratio Lower Upper

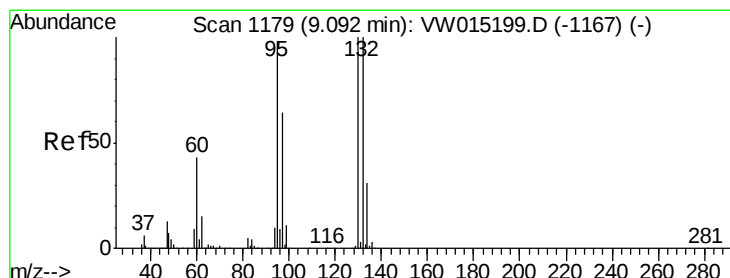
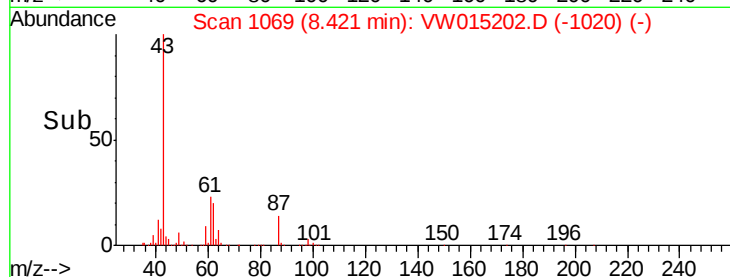
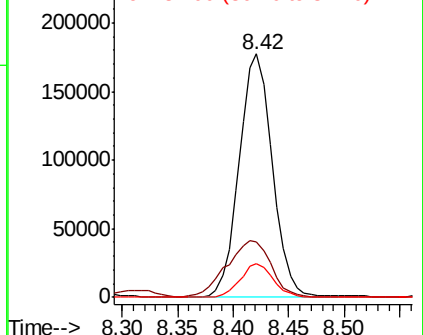
43 100

61 30.5 24.8 37.2

87 13.7 11.4 17.2



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: 52.095 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW015202.D

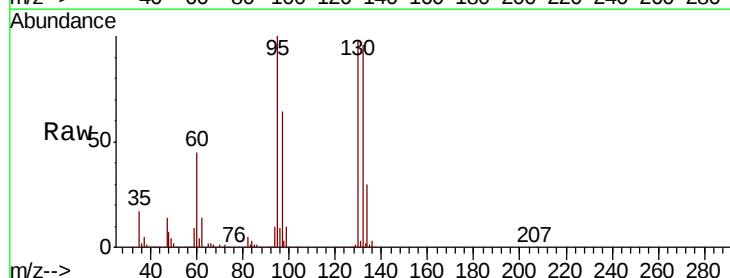
Acq: 15 Apr 2020 14:45

Tgt Ion:130 Resp: 350319

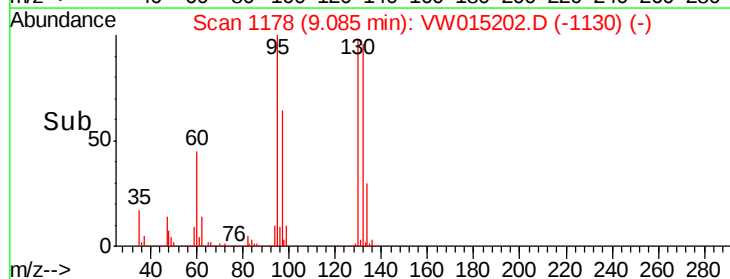
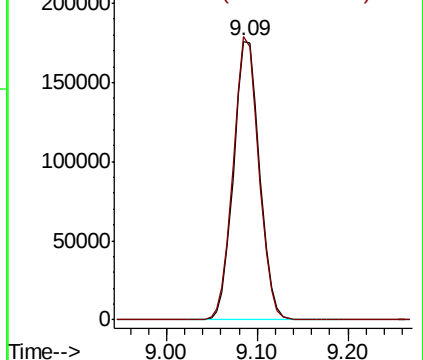
Ion Ratio Lower Upper

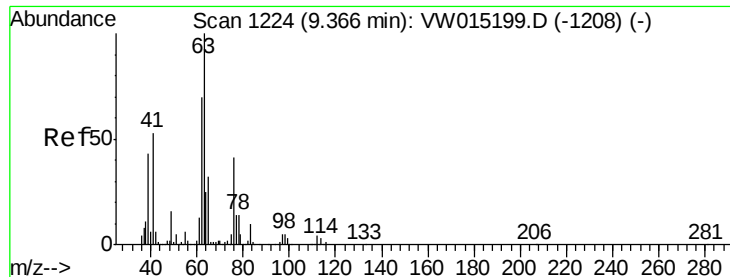
130 100

95 101.7 0.0 196.4



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

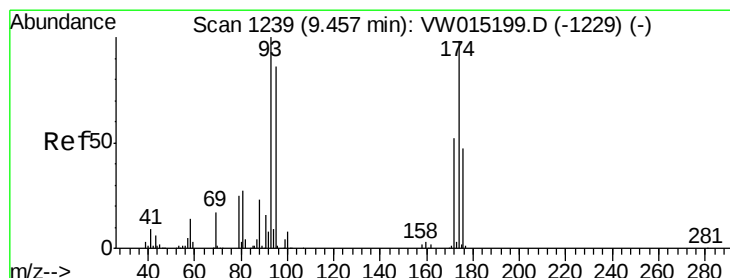
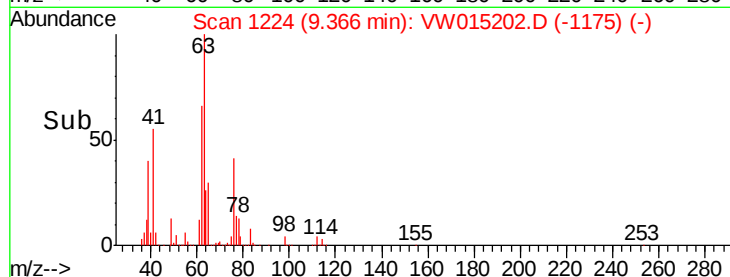
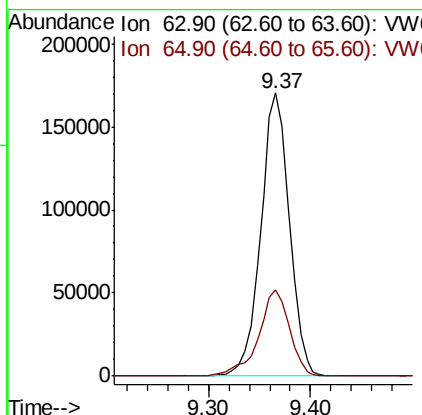
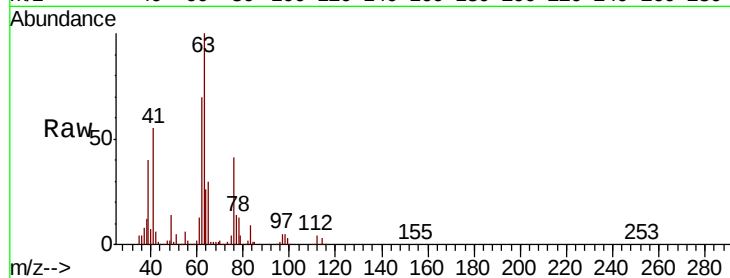




#45
 1,2-Dichloropropane
 Concen: 52.702 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

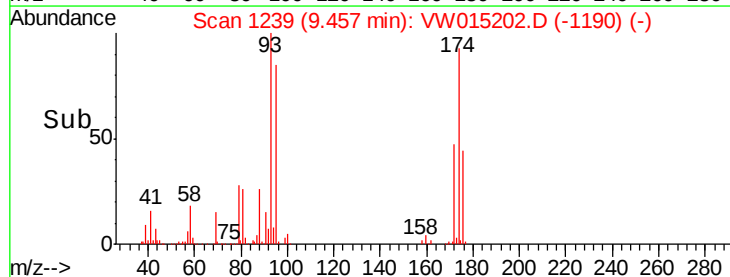
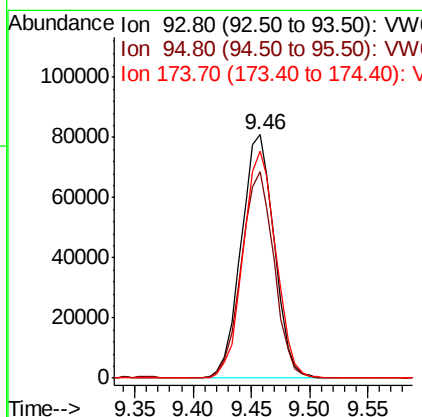
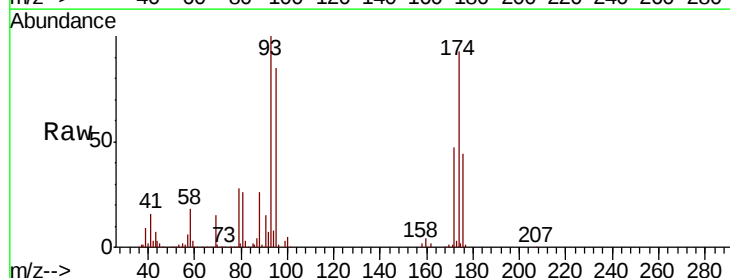
Instrument :
 MSVOA_W
 ClientSampleId :

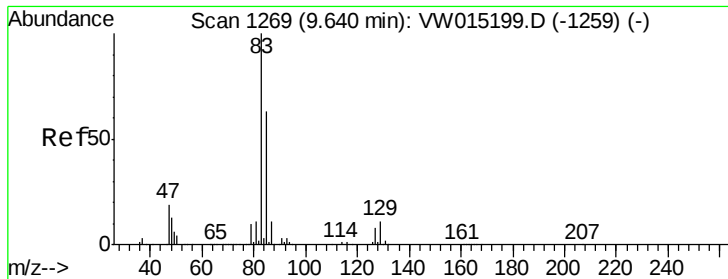
Tot Ion: 63 Resp: 331843
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.5 38.3



#46
 Dibromomethane
 Concen: 51.191 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 93 Resp: 161087
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.5 101.3
 174 92.3 74.1 111.1





#47

Bromodichloromethane

Concen: 51.438 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :
MSVOA_W
ClientSampled :

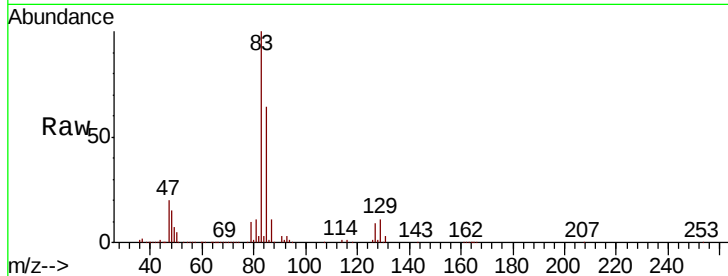
Tot Ion: 83 Resp: 419676

Ion Ratio Lower Upper

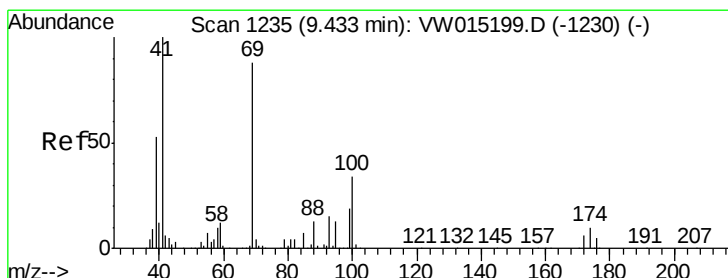
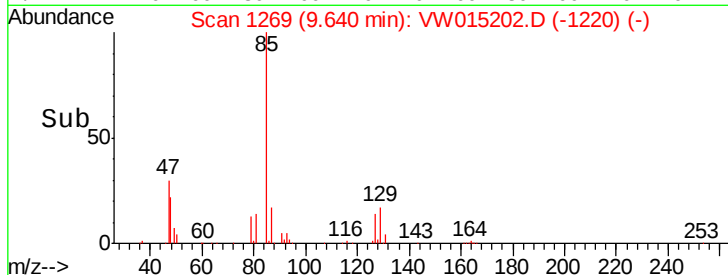
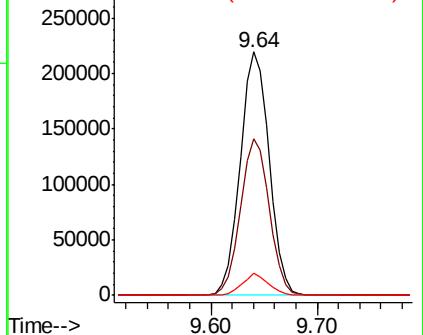
83 100

85 64.3 50.6 76.0

127 8.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.973 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

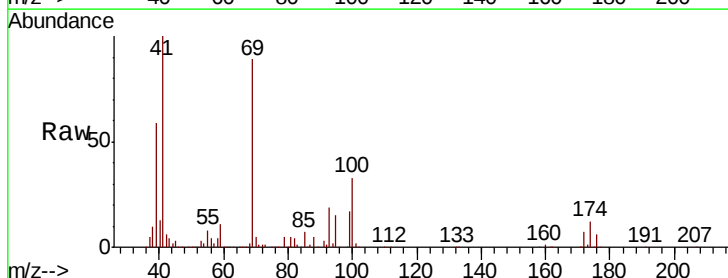
Tgt Ion: 41 Resp: 174772

Ion Ratio Lower Upper

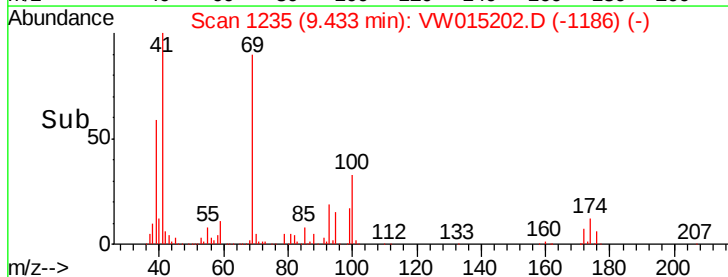
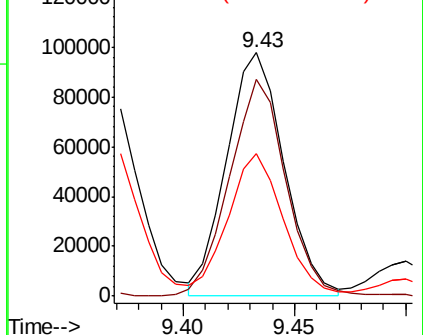
41 100

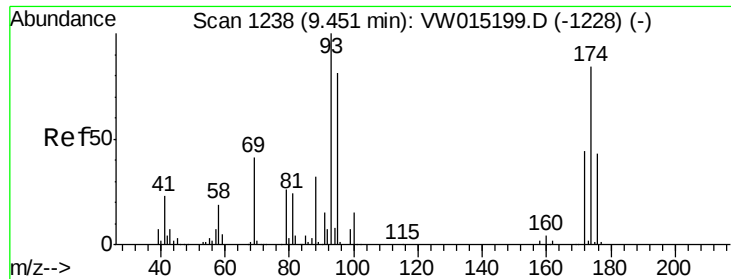
69 87.6 70.6 105.8

39 53.4 42.6 64.0



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

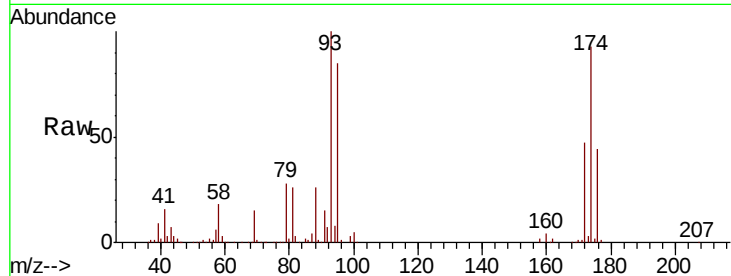




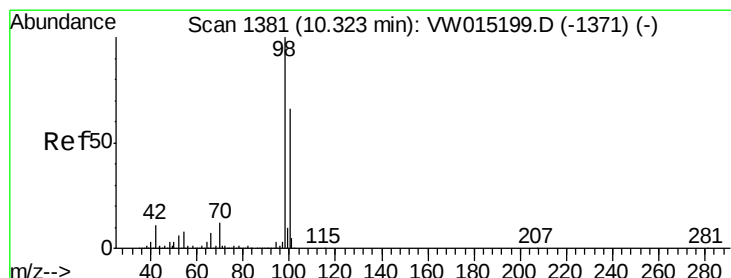
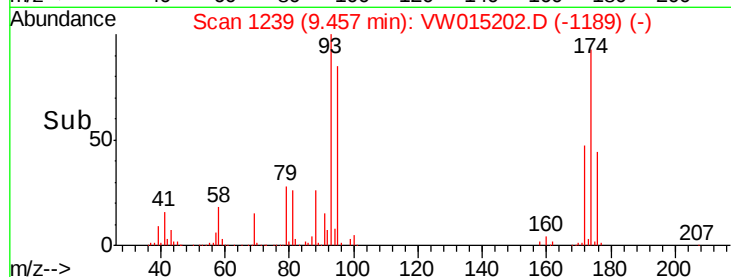
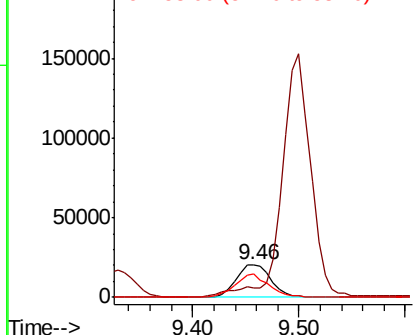
#49
 1,4-Dioxane
 Concen: 955.724 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 88 Resp: 47714
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.5 35.3#
 58 70.1 55.4 83.2

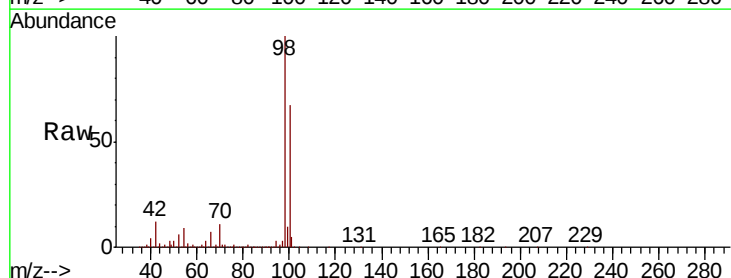


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

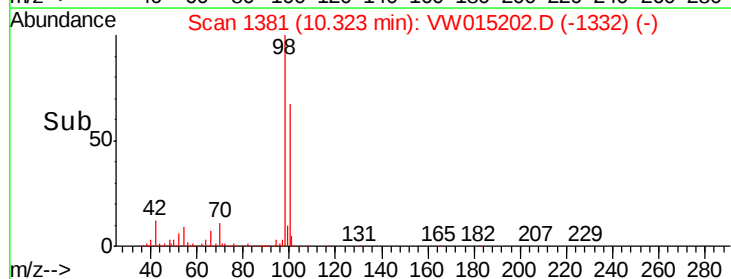
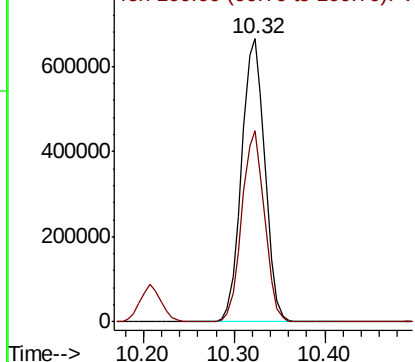


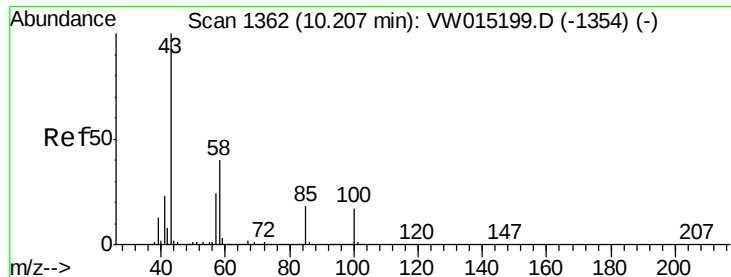
#50
 Toluene-d8
 Concen: 52.020 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 98 Resp: 1178974
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.9 79.3



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: 228.259 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

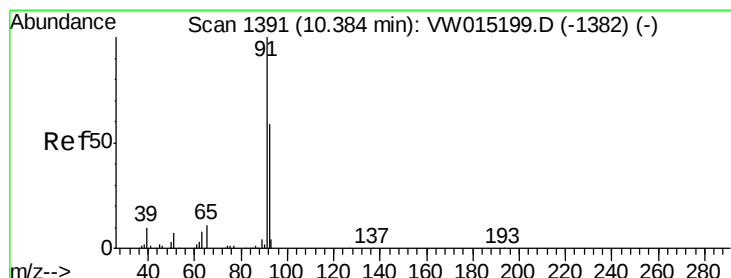
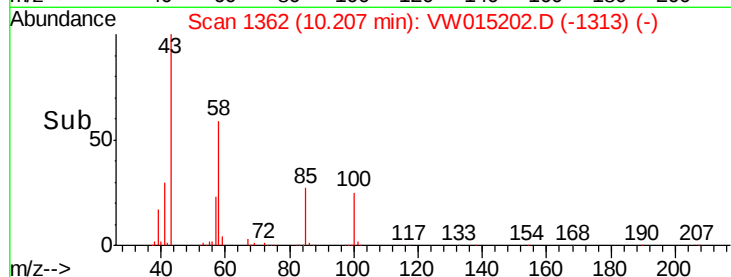
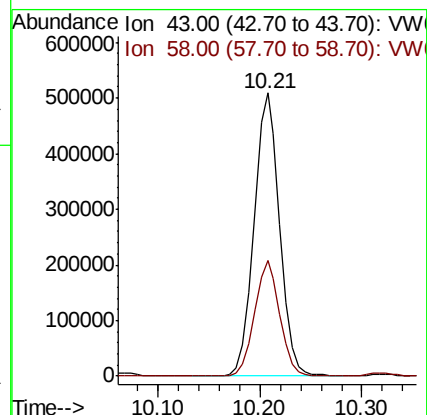
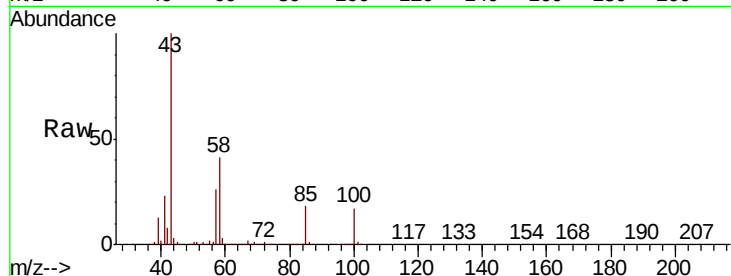
ClientSampled :

Tot Ion: 43 Resp: 884978

Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5



#52

Toluene

Concen: 52.196 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015202.D

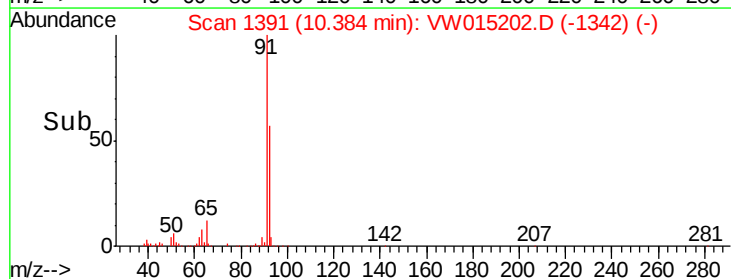
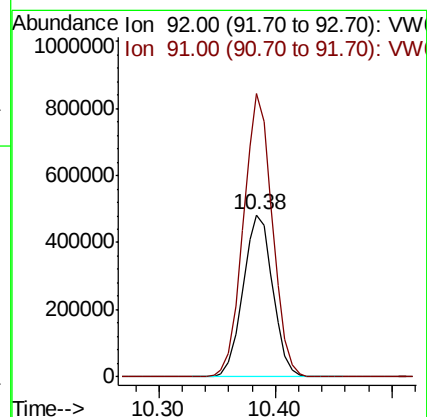
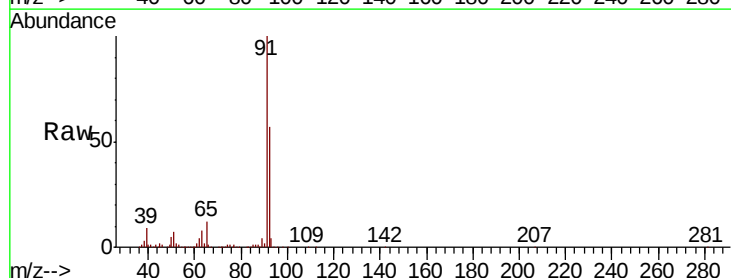
Acq: 15 Apr 2020 14:45

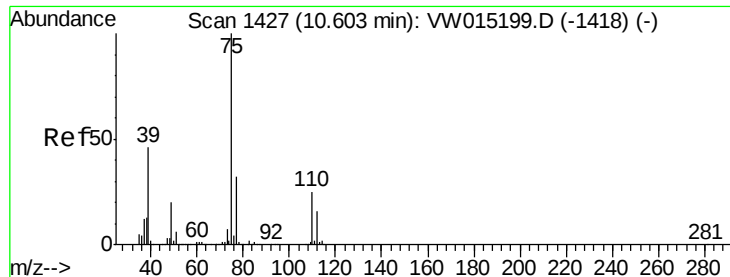
Tgt Ion: 92 Resp: 855044

Ion Ratio Lower Upper

92 100

91 170.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.502 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

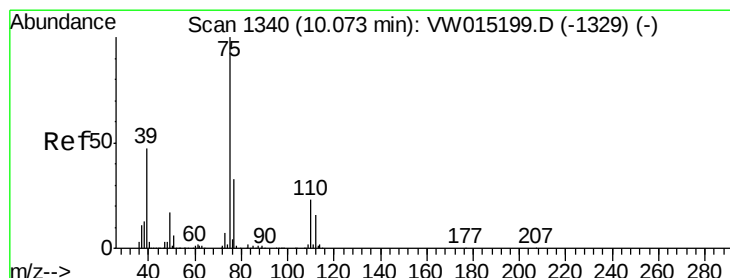
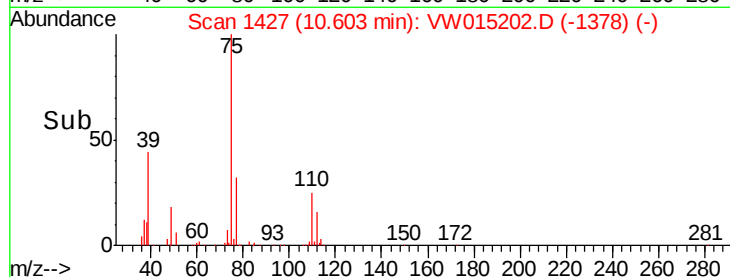
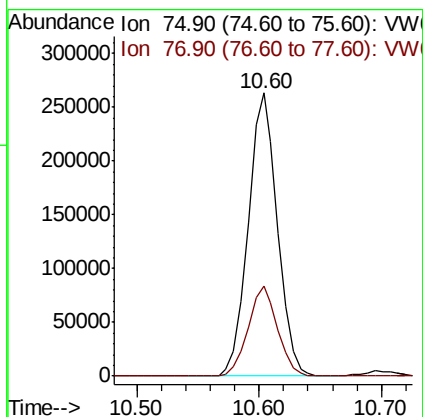
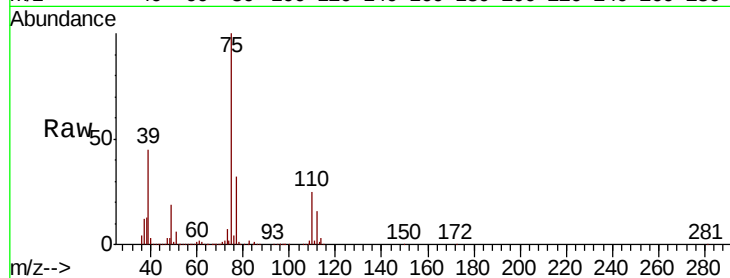
ClientSampled :

Tot Ion: 75 Resp: 435813

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.662 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

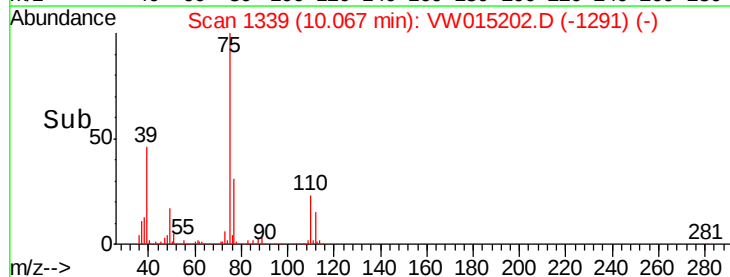
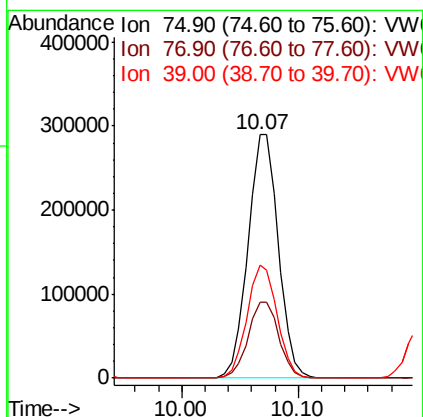
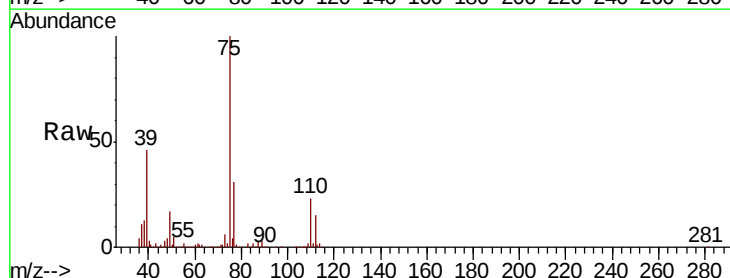
Tgt Ion: 75 Resp: 527378

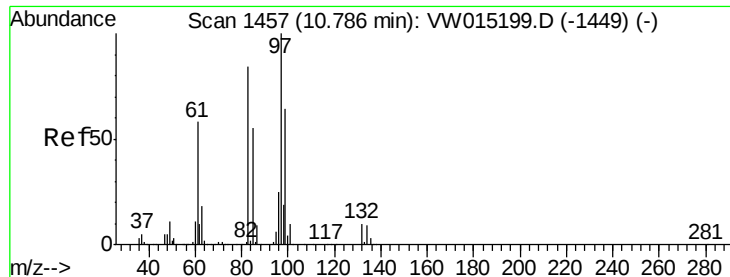
Ion Ratio Lower Upper

75 100

77 31.2 26.6 39.8

39 46.2 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 50.479 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 225079

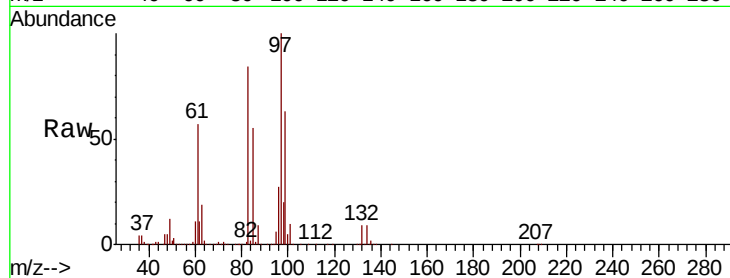
Ion Ratio Lower Upper

97 100

83 84.3 67.3 100.9

85 55.3 43.8 65.8

99 62.9 51.4 77.0



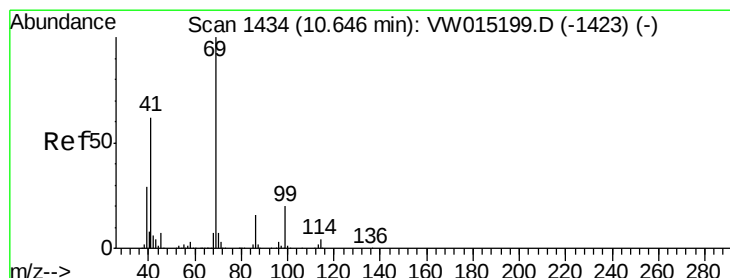
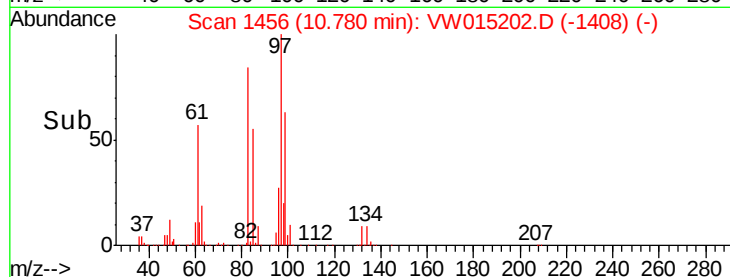
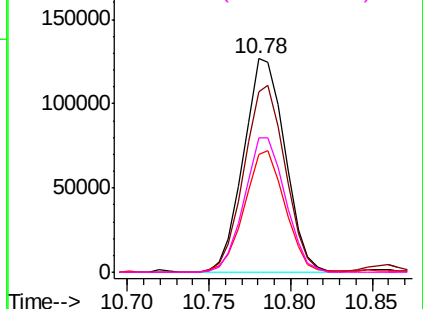
Abundance

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: 50.549 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

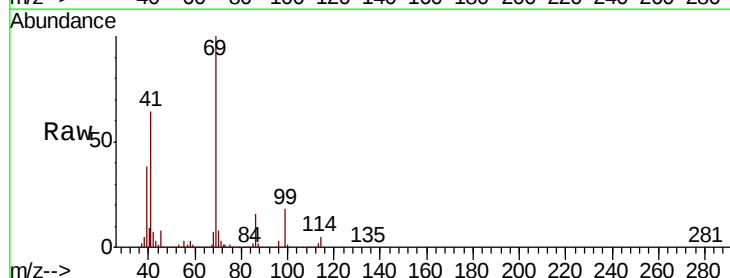
Tgt Ion: 69 Resp: 310591

Ion Ratio Lower Upper

69 100

41 64.2 51.3 76.9

39 35.4 24.6 37.0

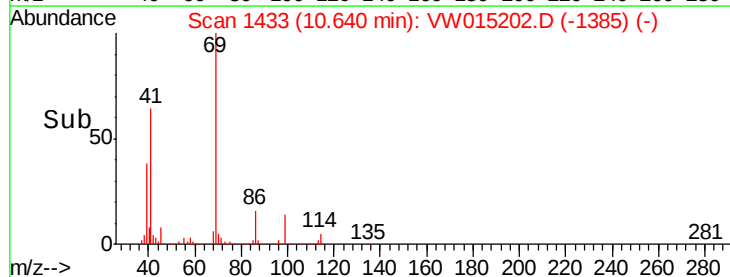
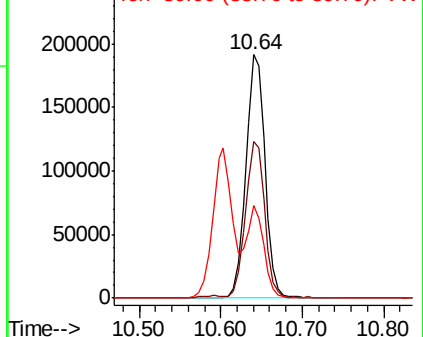


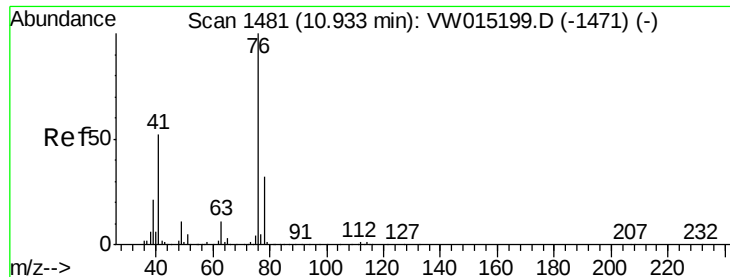
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

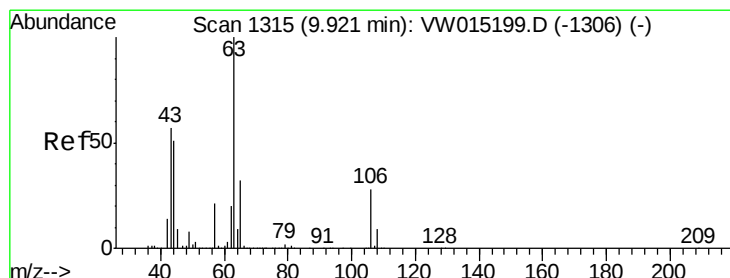
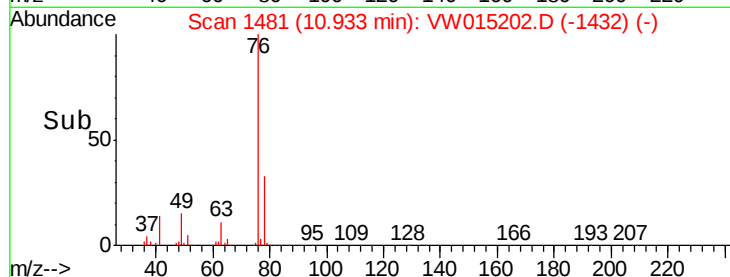
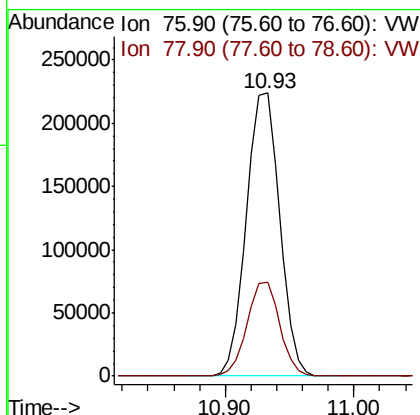
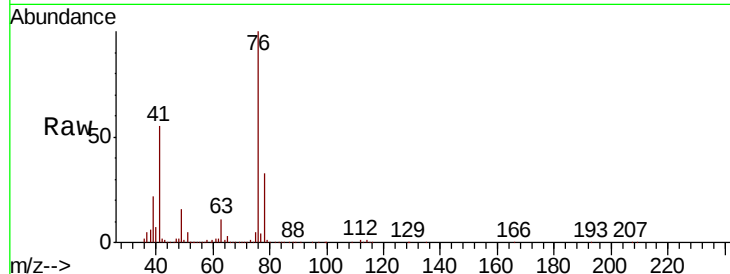




#57
 1,3-Dichloropropane
 Concen: 51.111 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

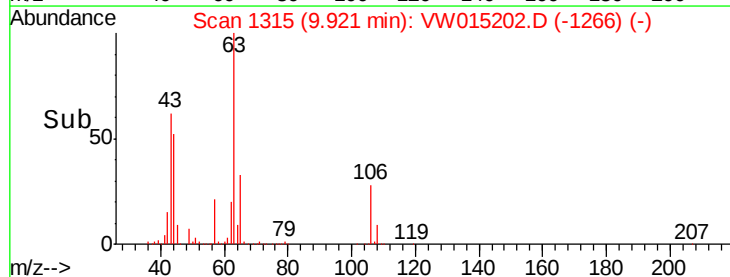
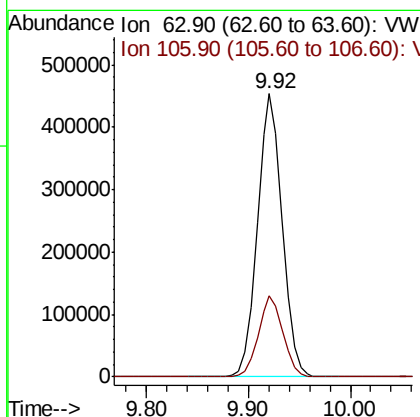
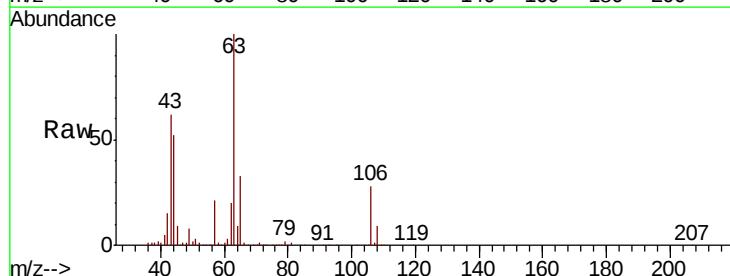
Instrument :
 MSVOA_W
 ClientSampled :

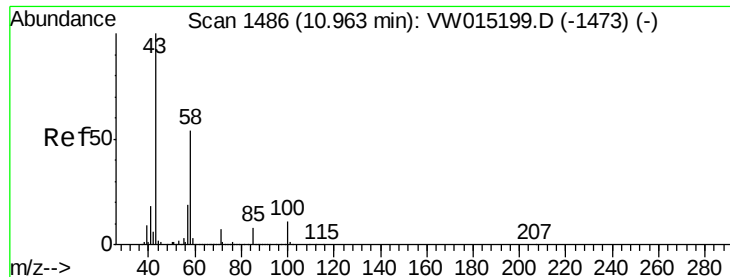
Tot Ion: 76 Resp: 400552
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.014 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 63 Resp: 766364
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.6 33.8

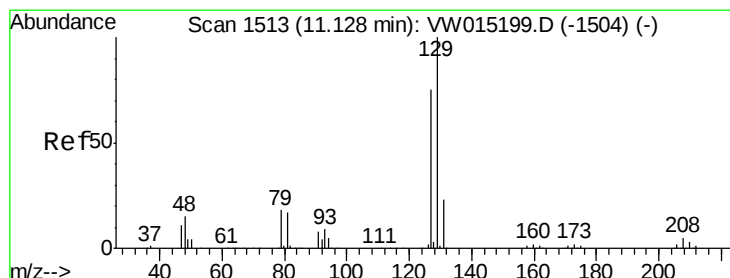
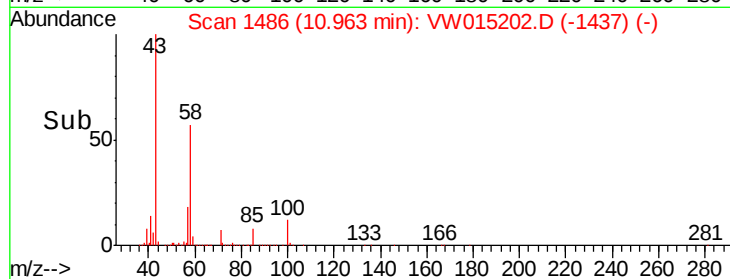
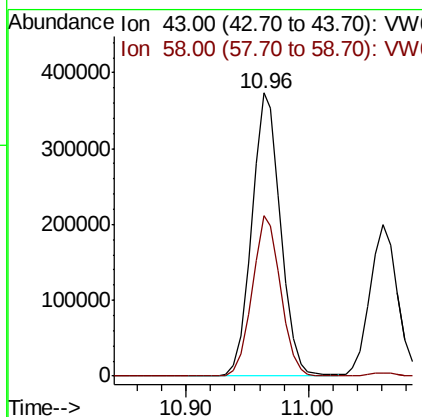
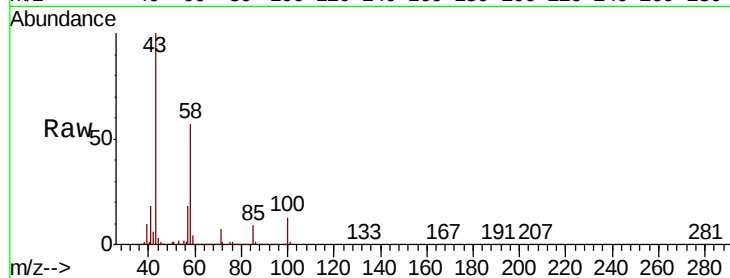




#59
2-Hexanone
Concen: 250.429 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

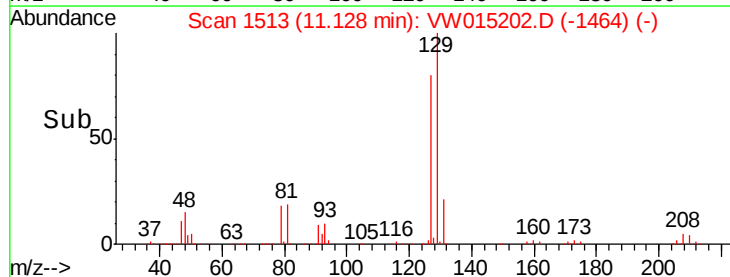
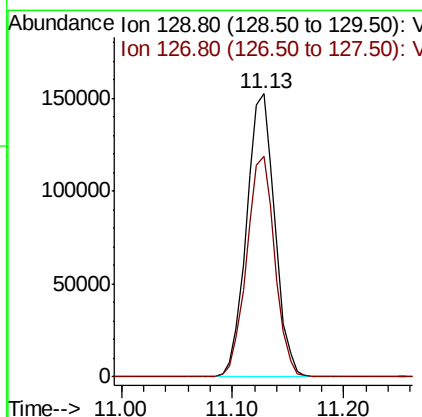
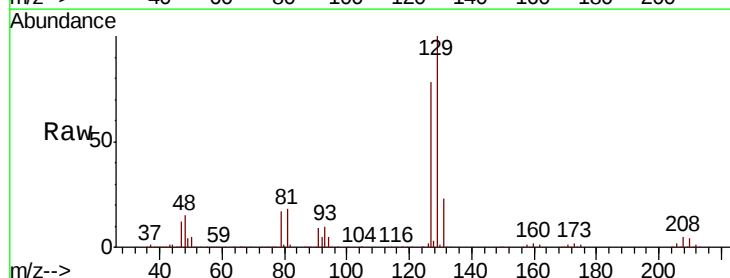
Instrument :
MSVOA_W
ClientSampleId :

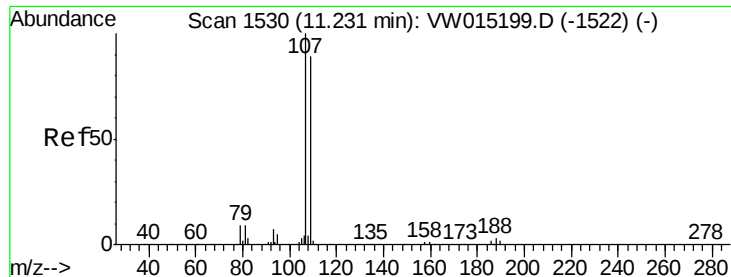
Tot Ion: 43 Resp: 609362
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.566 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion: 129 Resp: 269016
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

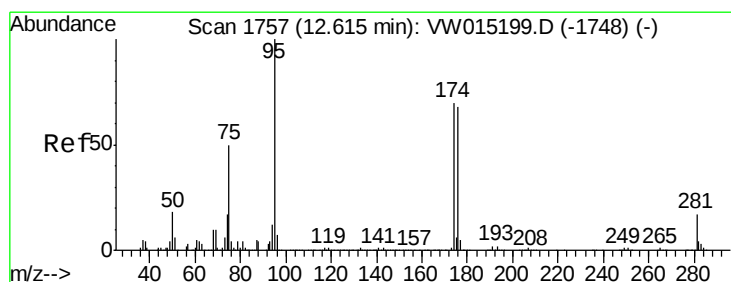
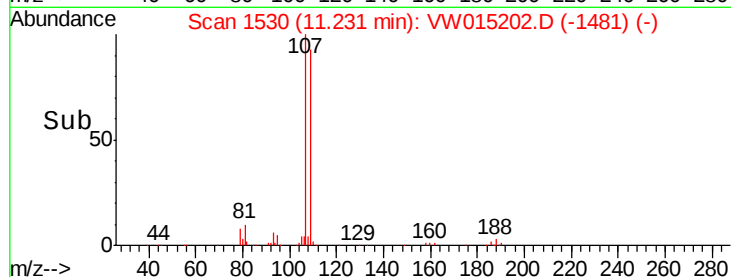
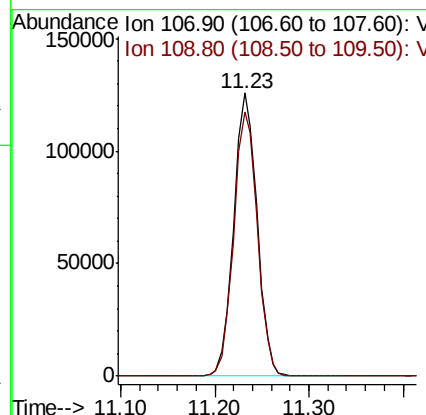
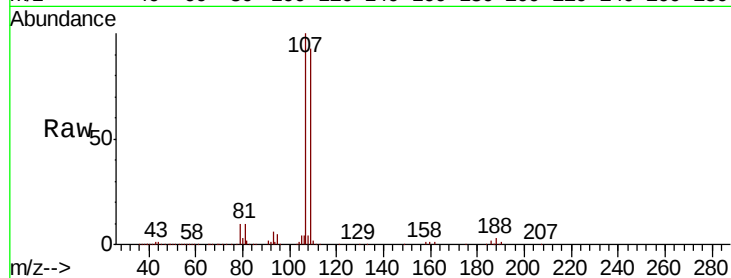




#61
 1,2-Dibromoethane
 Concen: 50.398 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

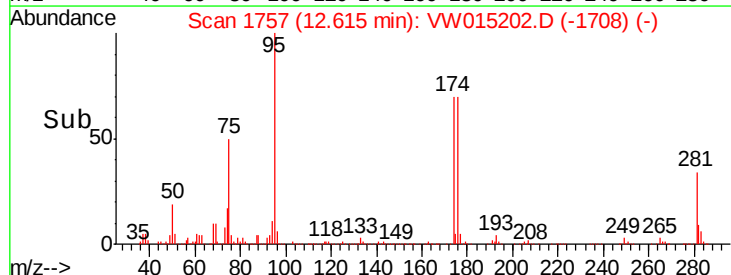
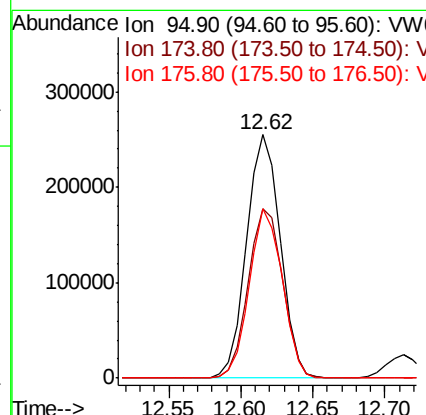
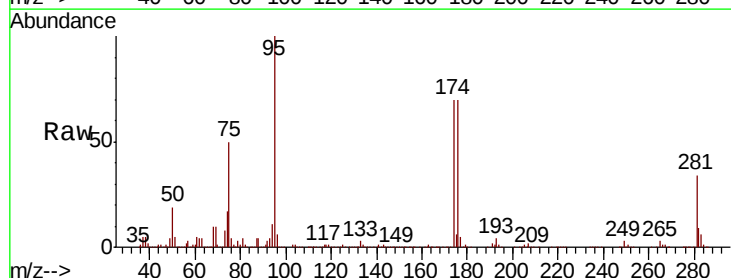
Instrument :
 MSVOA_W
 ClientSampled :

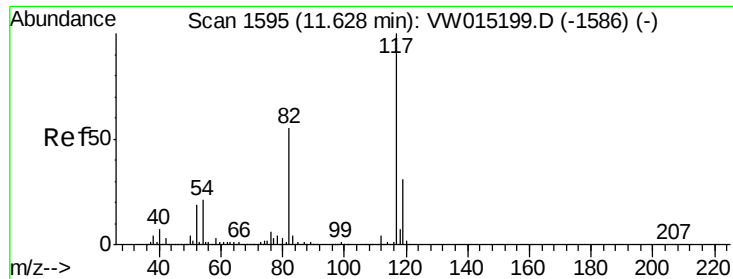
Tot Ion: 107 Resp: 216567
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 51.937 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion: 95 Resp: 412273
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 144.4
 176 68.3 0.0 140.6

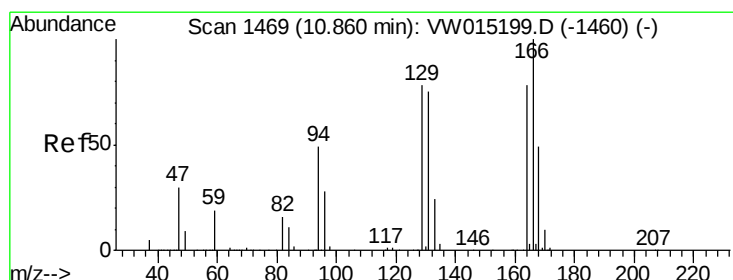
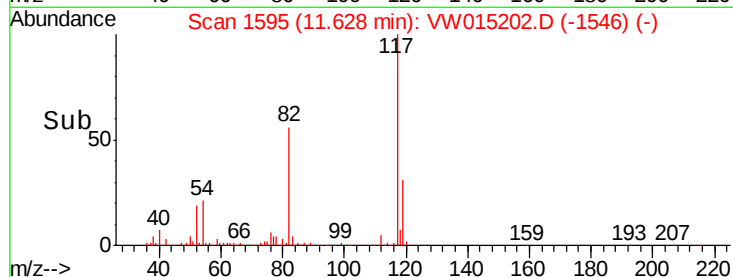
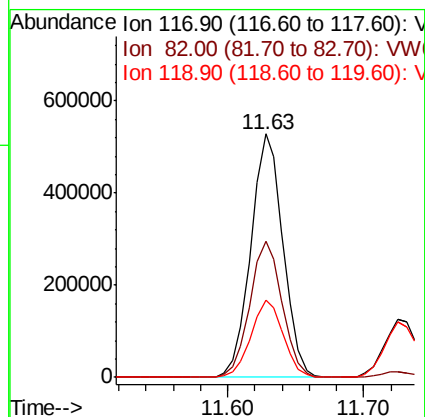
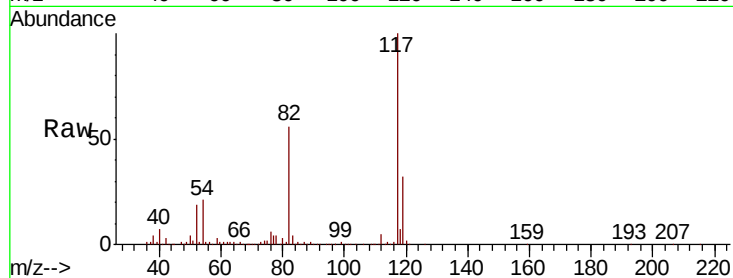




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

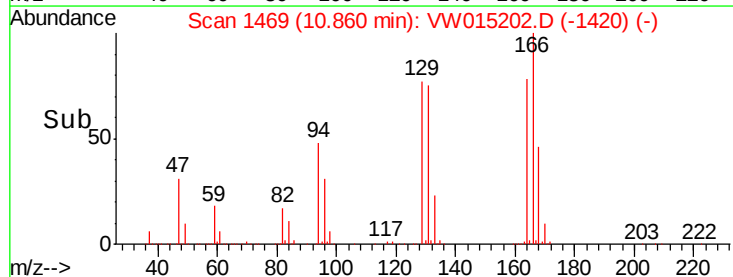
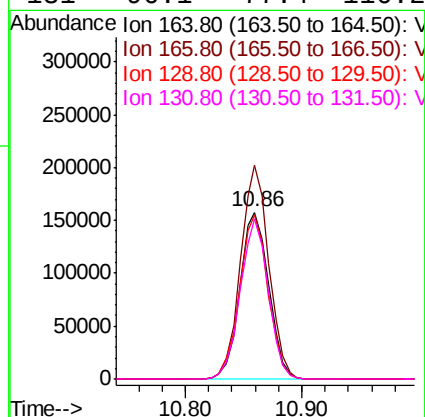
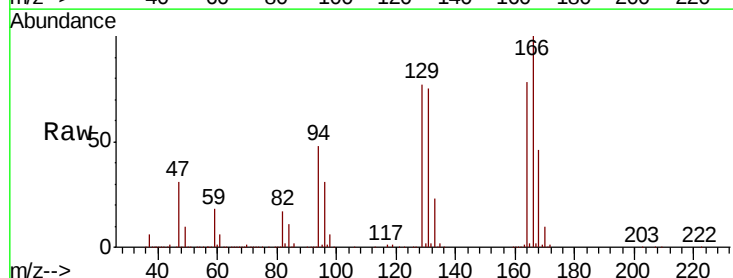
Instrument :
MSVOA_W
ClientSampleId :

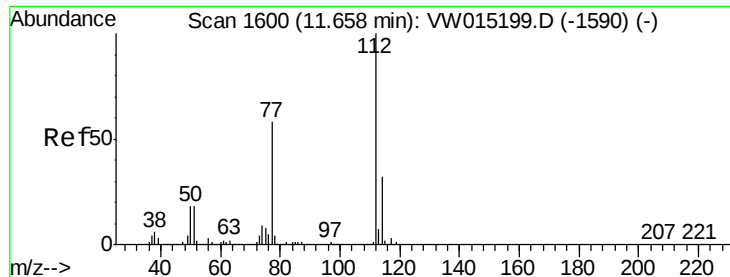
Tot Ion:117 Resp: 876722
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 31.5 24.9 37.3



#64
Tetrachloroethene
Concen: 52.843 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:164 Resp: 272132
Ion Ratio Lower Upper
164 100
166 128.2 102.6 154.0
129 98.5 80.2 120.2
131 96.1 77.4 116.2

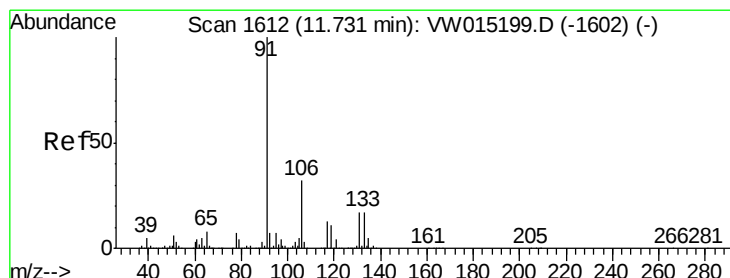
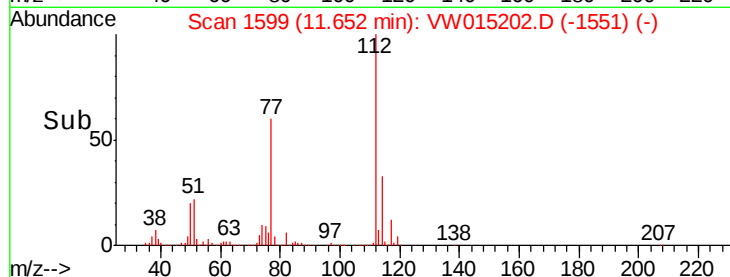
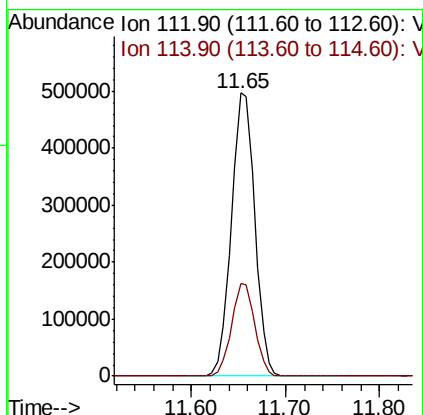
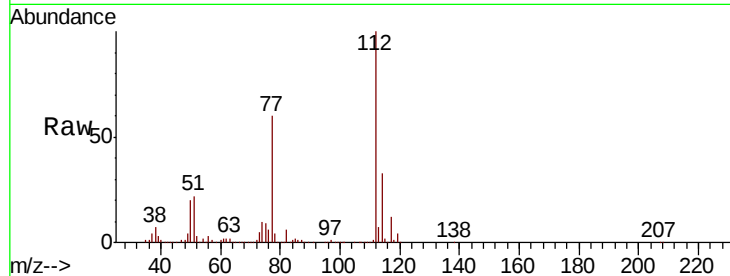




#65
Chlorobenzene
Concen: 52.034 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

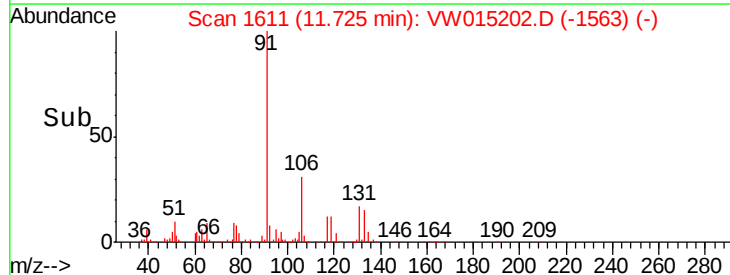
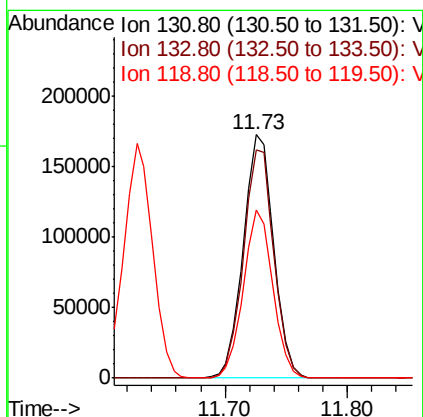
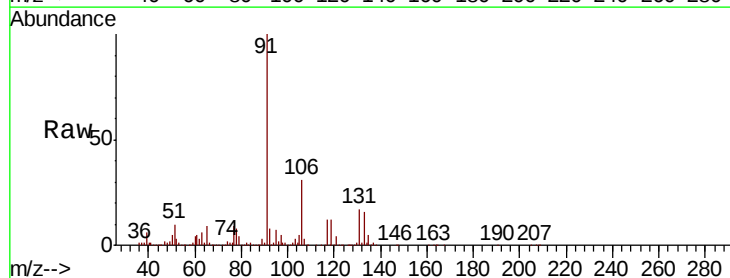
Instrument :
MSVOA_W
ClientSampled :

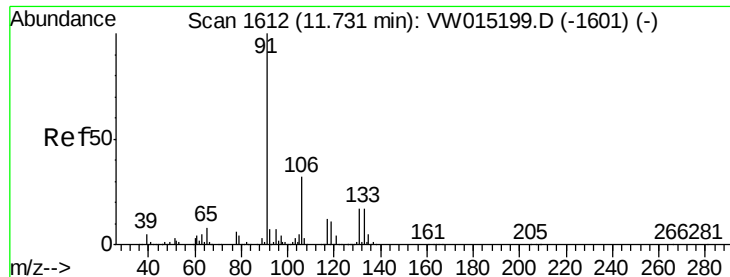
Tot Ion:112 Resp: 858379
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.196 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:131 Resp: 297610
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 67.0 34.0 101.8

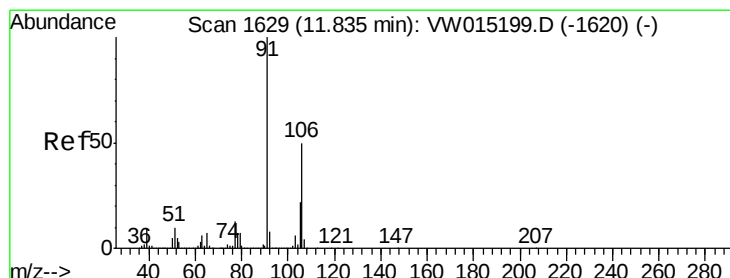
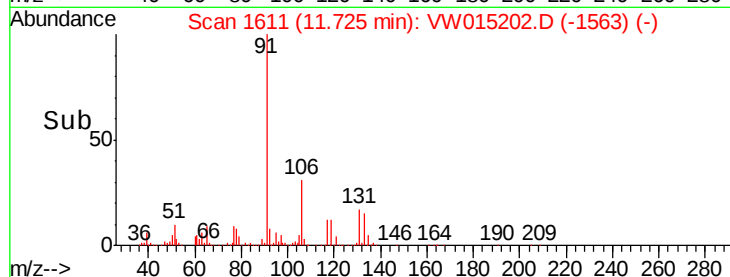
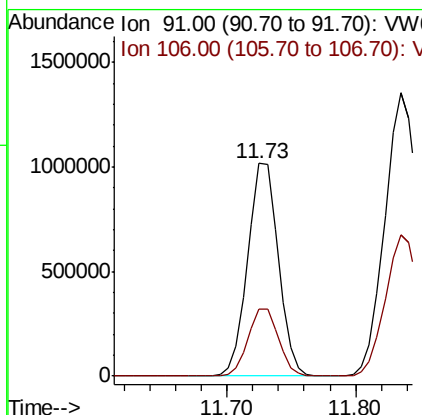
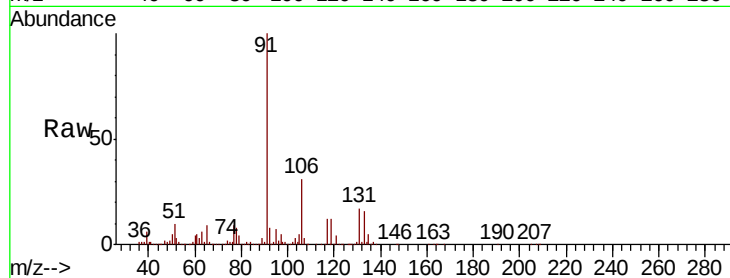




#67
Ethyl Benzene
Concen: 53.590 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

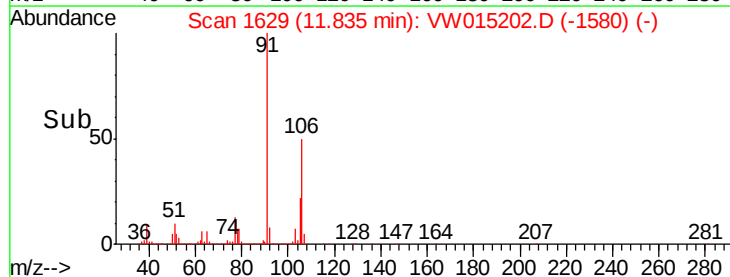
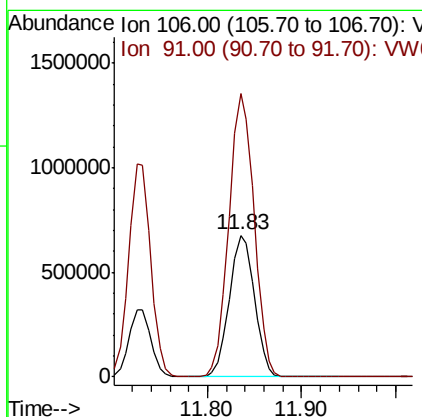
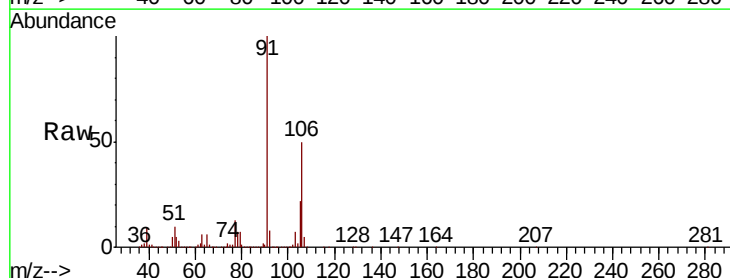
Instrument :
MSVOA_W
ClientSampleId :

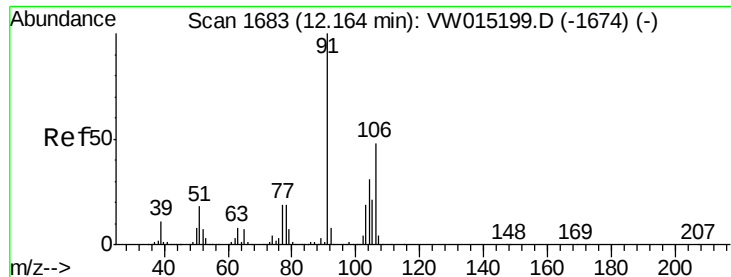
Tot Ion: 91 Resp: 1668943
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 106.215 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:106 Resp: 1255313
Ion Ratio Lower Upper
106 100
91 200.3 160.0 240.0

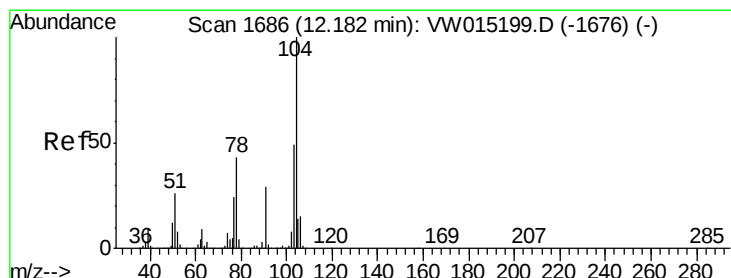
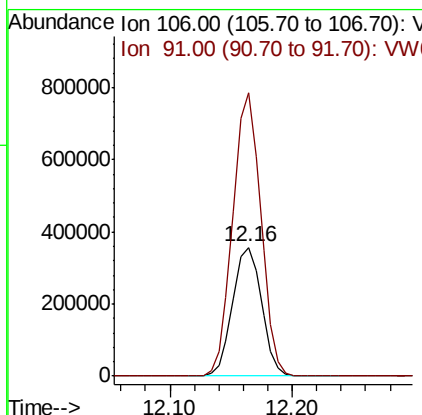
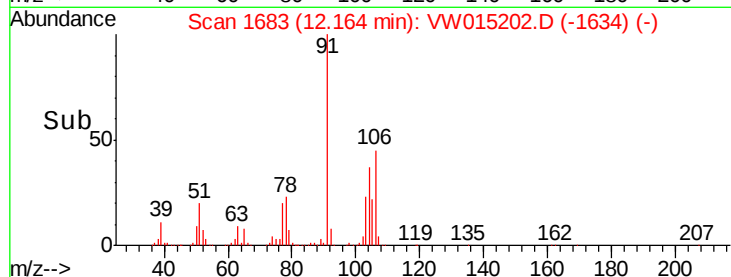
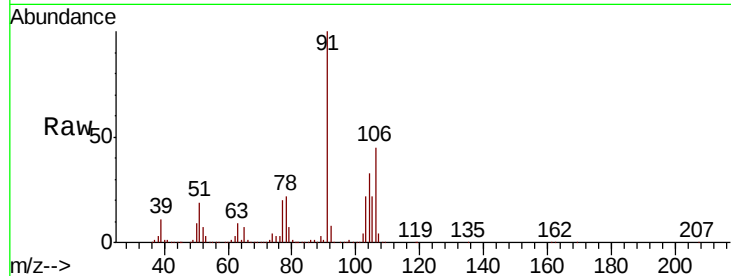




#69
o-Xylene
Concen: 52.814 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

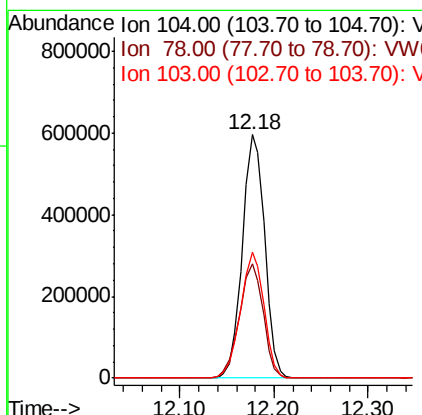
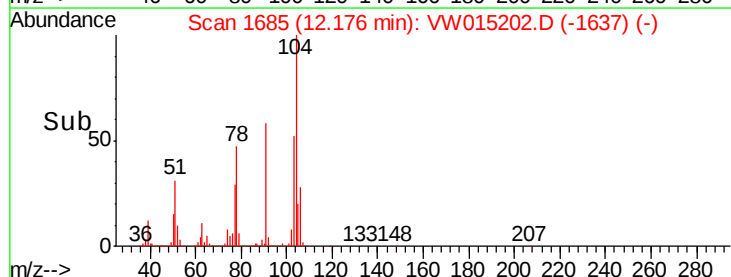
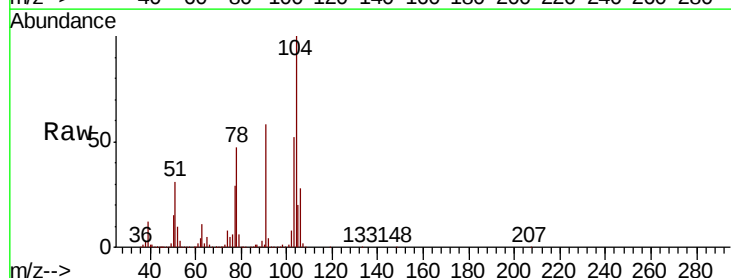
Instrument :
MSVOA_W
ClientSampleId :

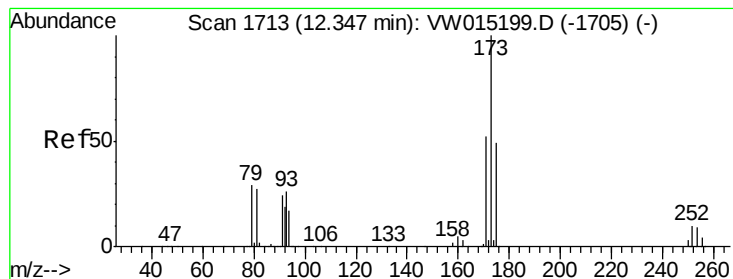
Tot Ion:106 Resp: 585031
Ion Ratio Lower Upper
106 100
91 213.6 105.7 317.1



#70
Styrene
Concen: 52.802 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:104 Resp: 988118
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 51.093 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampled :

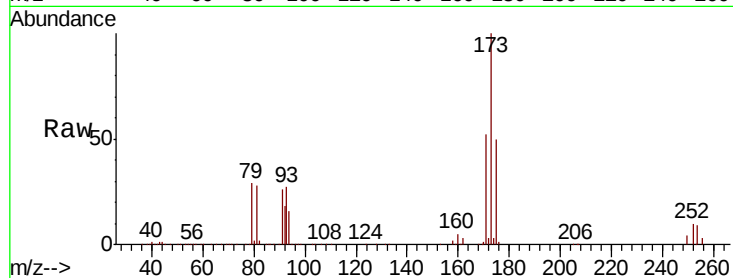
Tot Ion:173 Resp: 144678

Ion Ratio Lower Upper

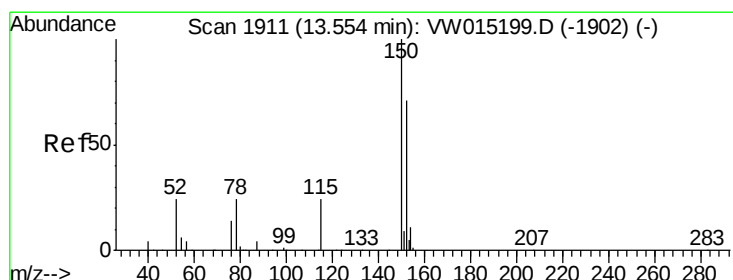
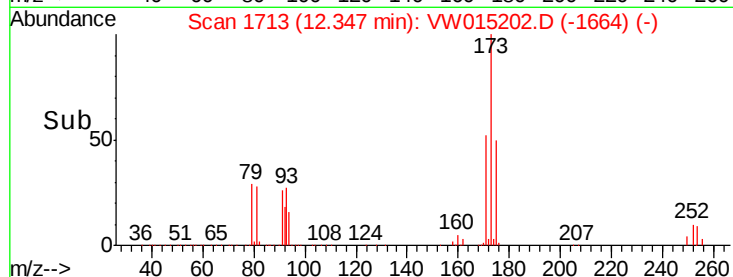
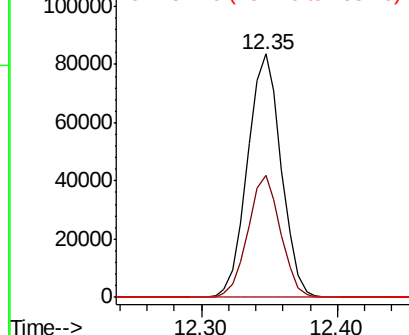
173 100

175 48.7 25.1 75.4

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

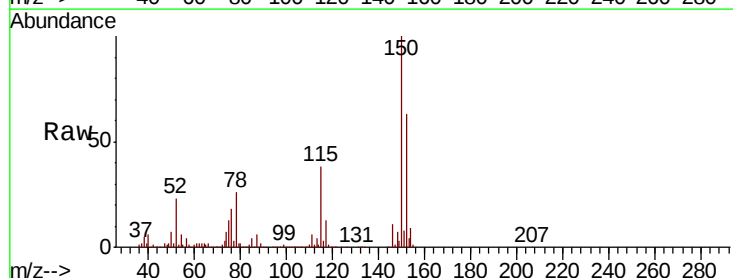
Tgt Ion:152 Resp: 401867

Ion Ratio Lower Upper

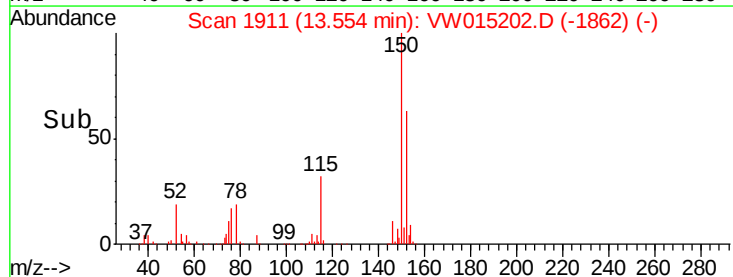
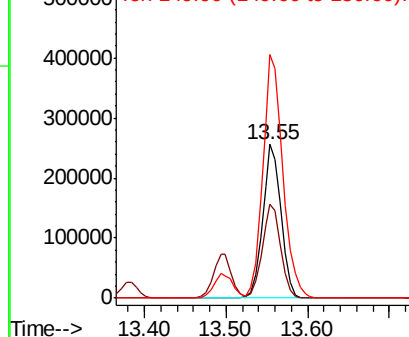
152 100

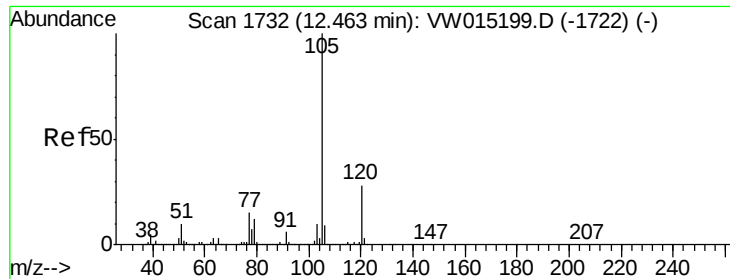
115 61.6 31.3 93.9

150 173.2 0.0 343.4



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: 53.409 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

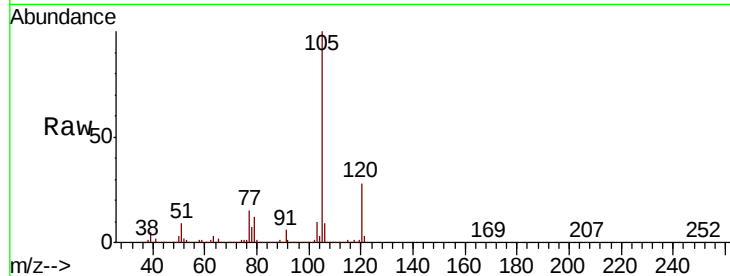
ClientSampled :

Tot Ion:105 Resp: 1600659

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

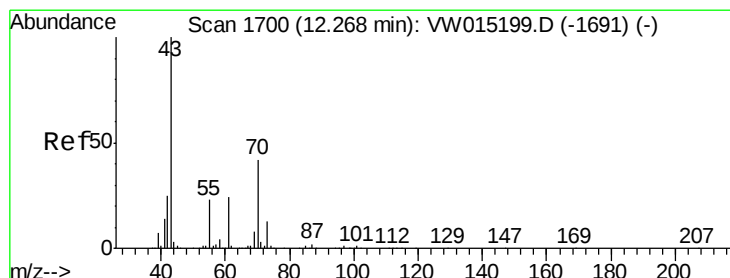
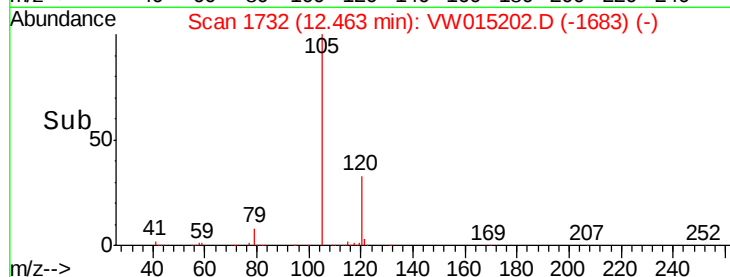
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 50.571 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Tgt Ion: 43 Resp: 352315

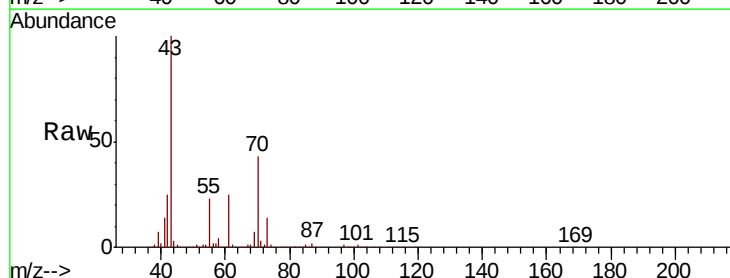
Ion Ratio Lower Upper

43 100

70 43.4 35.4 53.2

55 23.2 18.5 27.7

61 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

300000

200000

100000

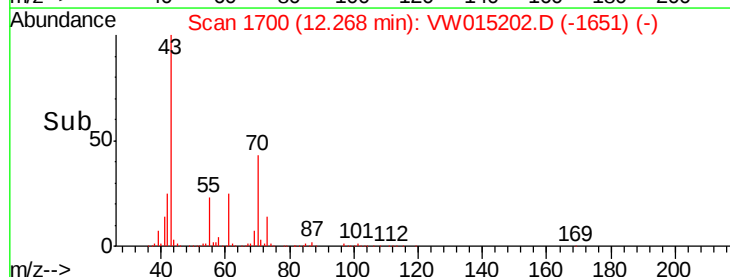
0

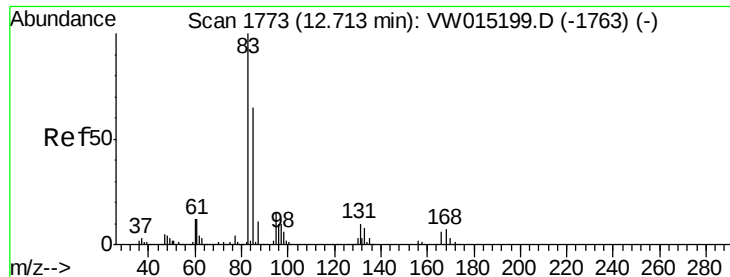
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.438 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

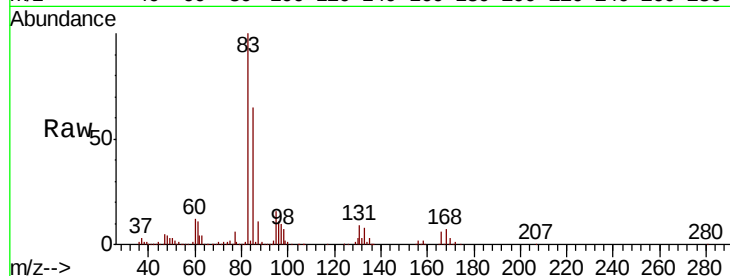
Tot Ion: 83 Resp: 253271

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

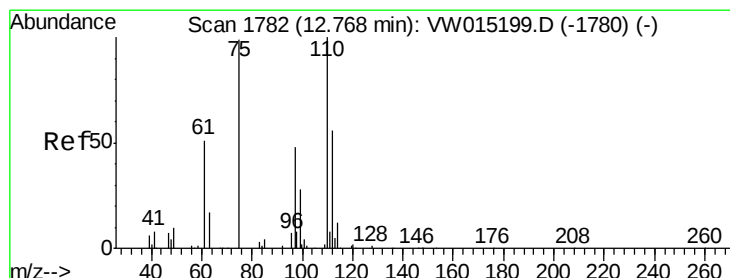
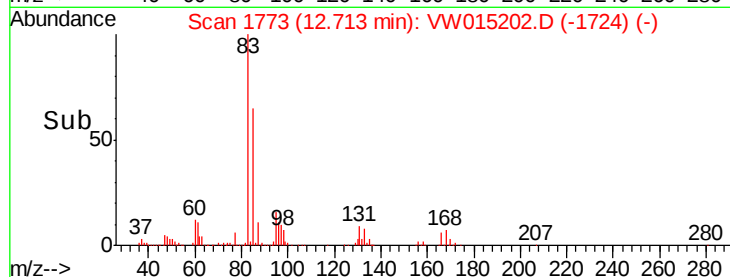
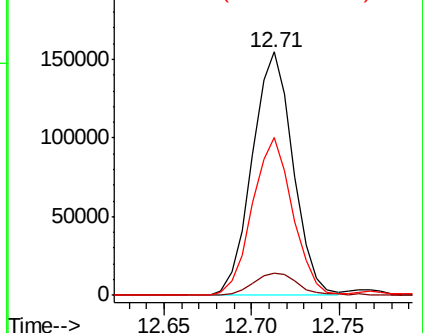
85 63.8 32.3 96.8



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: 97.938 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015202.D

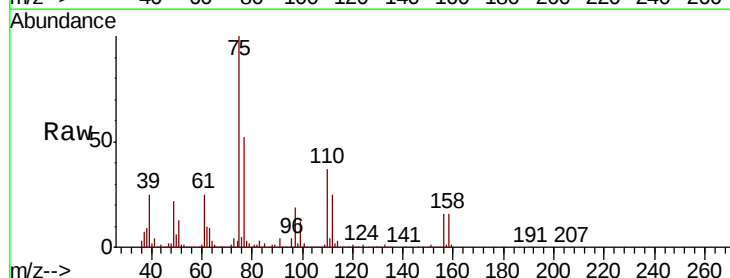
Acq: 15 Apr 2020 14:45

Tgt Ion: 75 Resp: 336916

Ion Ratio Lower Upper

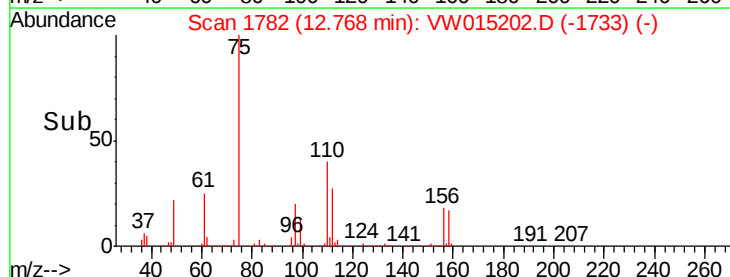
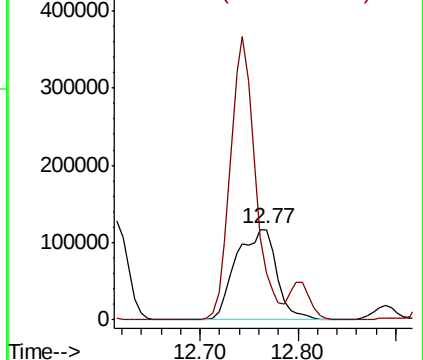
75 100

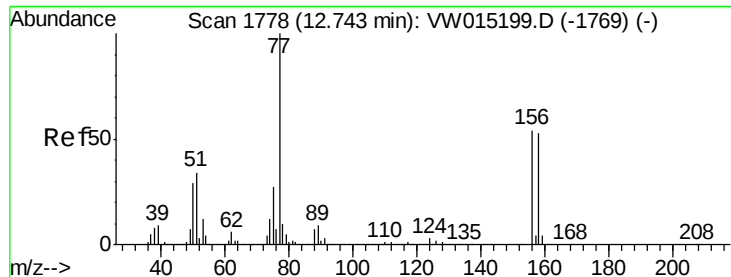
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.140 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampled :

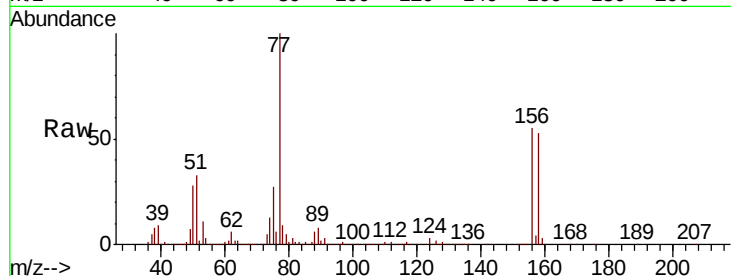
Tot Ion:156 Resp: 323736

Ion Ratio Lower Upper

156 100

77 202.5 100.5 301.5

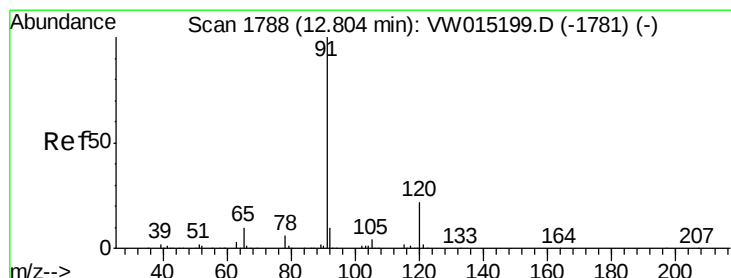
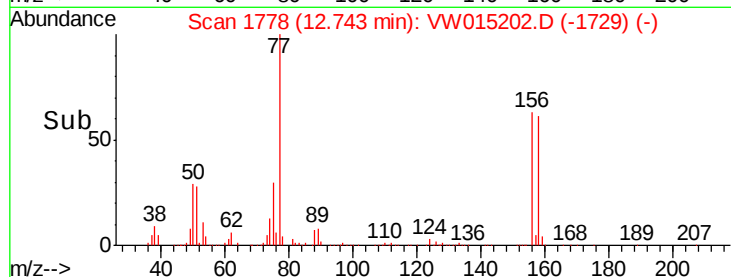
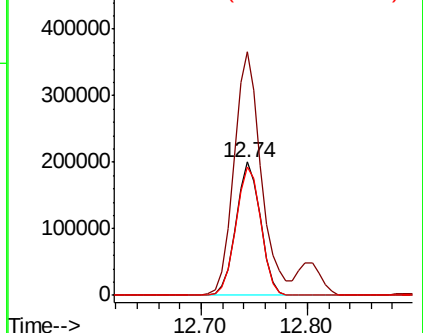
158 98.6 47.9 143.8



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: 54.273 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015202.D

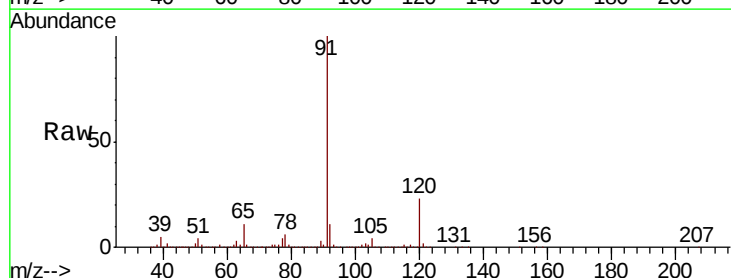
Acq: 15 Apr 2020 14:45

Tgt Ion: 91 Resp: 1961578

Ion Ratio Lower Upper

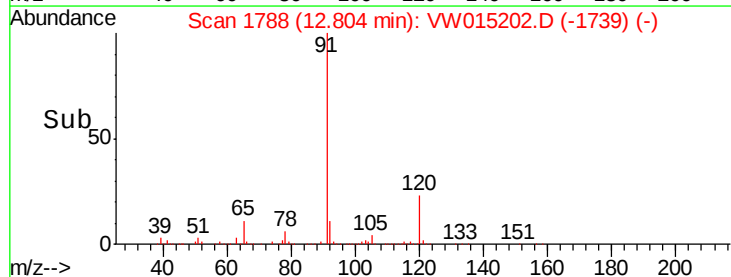
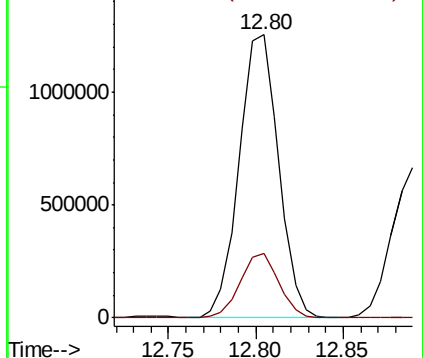
91 100

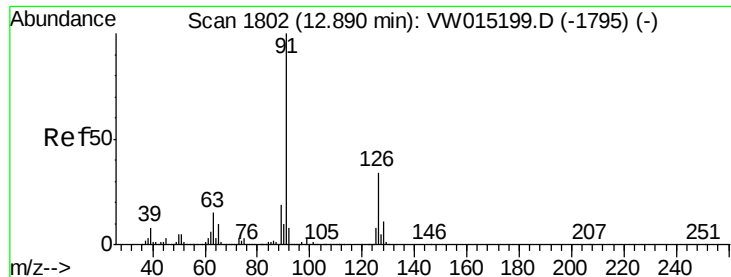
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.362 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

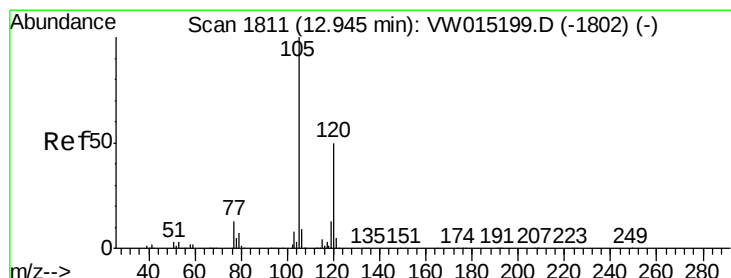
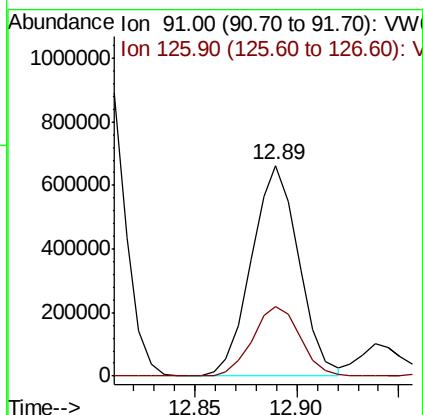
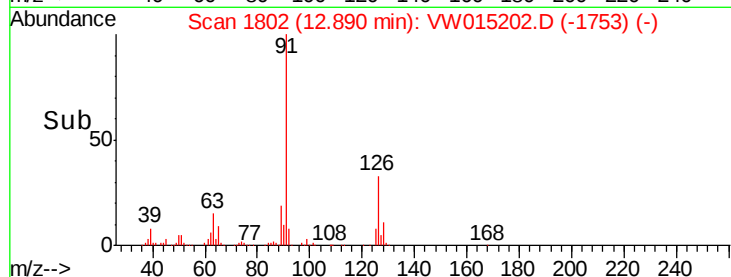
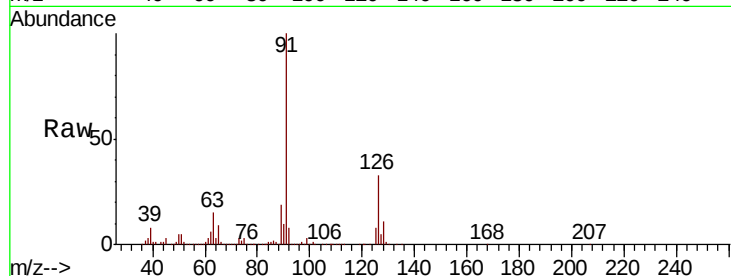
ClientSampleId :

Tot Ion: 91 Resp: 1066167

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 53.643 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015202.D

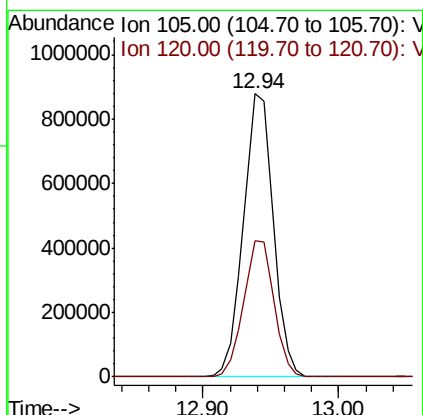
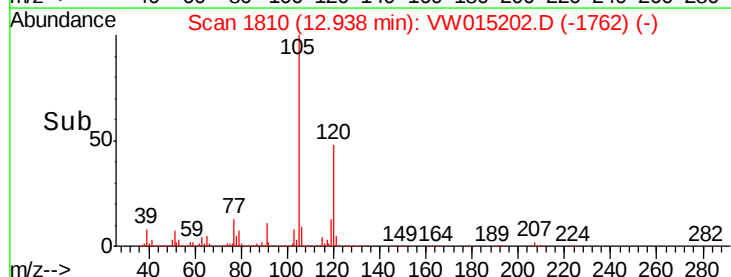
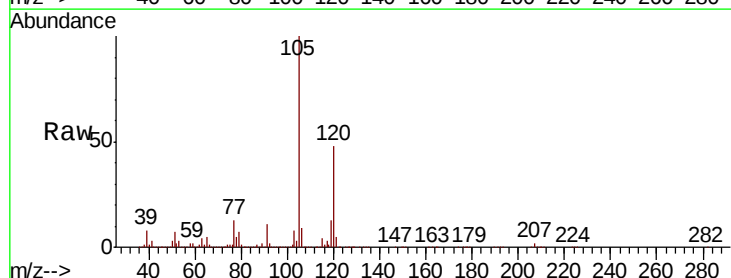
Acq: 15 Apr 2020 14:45

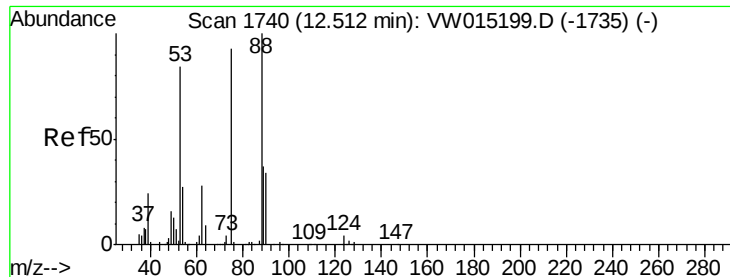
Tgt Ion:105 Resp: 1353695

Ion Ratio Lower Upper

105 100

120 49.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.572 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampleId :

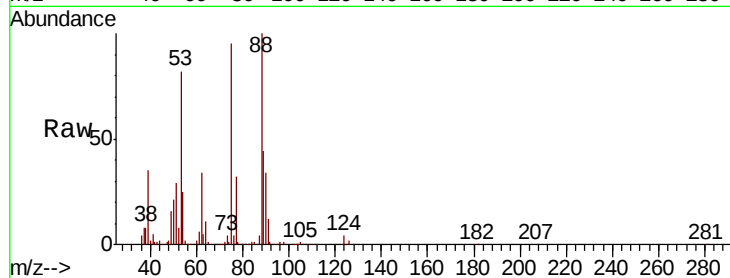
Tot Ion: 75 Resp: 91699

Ion Ratio Lower Upper

75 100

53 87.4 69.4 104.2

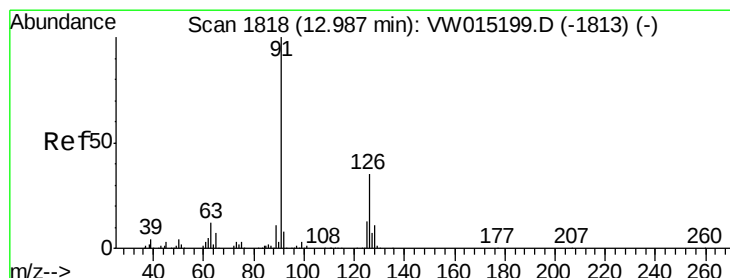
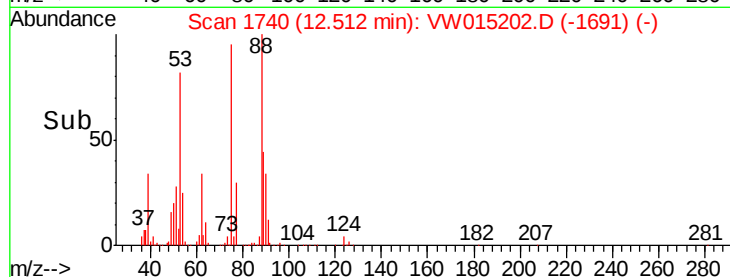
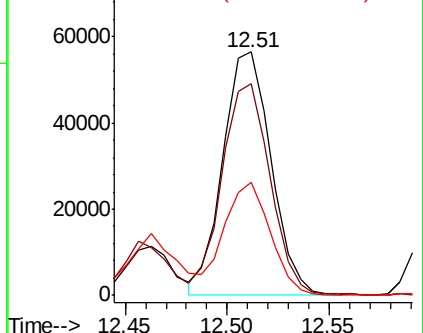
89 44.7 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 53.712 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015202.D

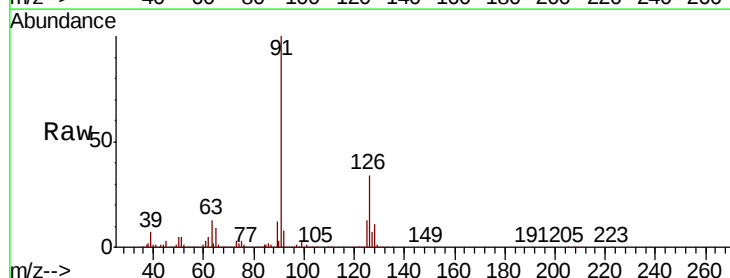
Acq: 15 Apr 2020 14:45

Tgt Ion: 91 Resp: 1133794

Ion Ratio Lower Upper

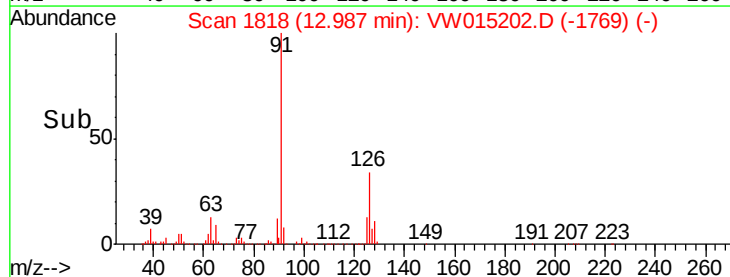
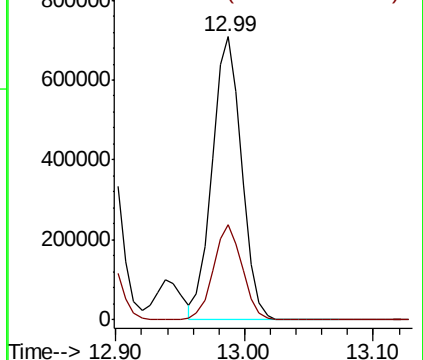
91 100

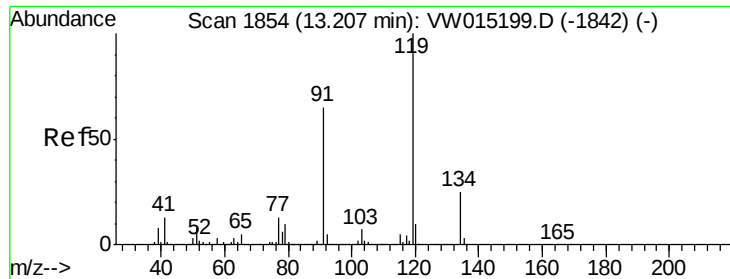
126 33.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

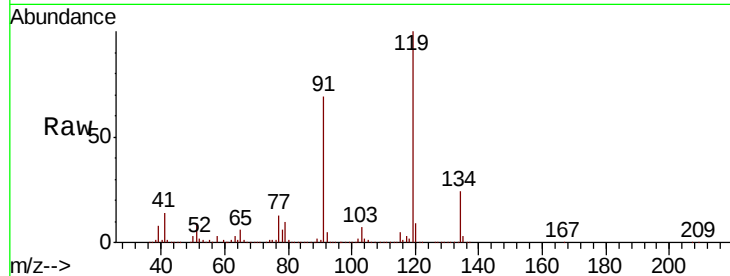




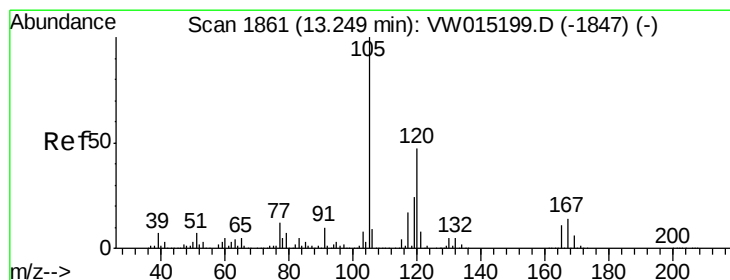
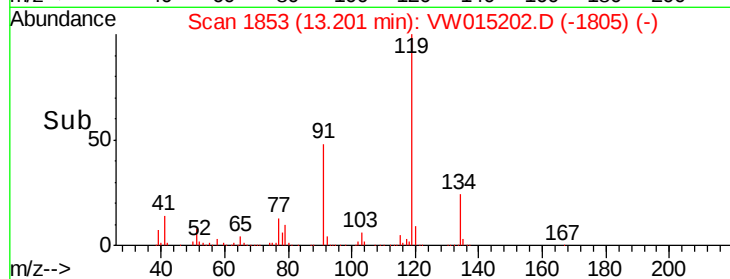
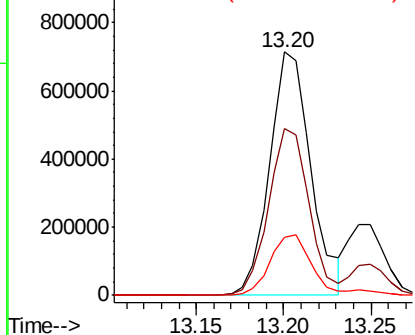
#83
tert-Butylbenzene
Concen: 53.797 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 1177132
Ion Ratio Lower Upper
119 100
91 67.0 32.8 98.3
134 26.3 13.3 39.9

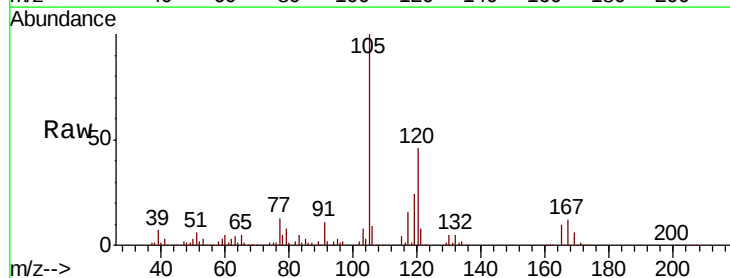


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

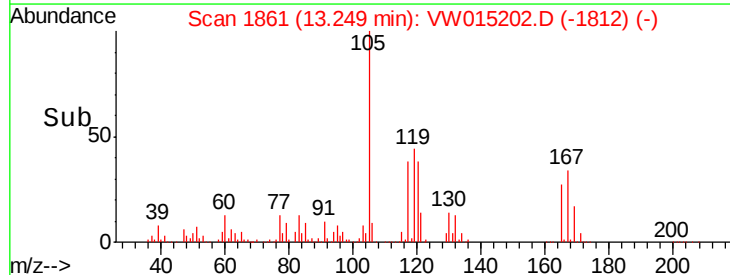
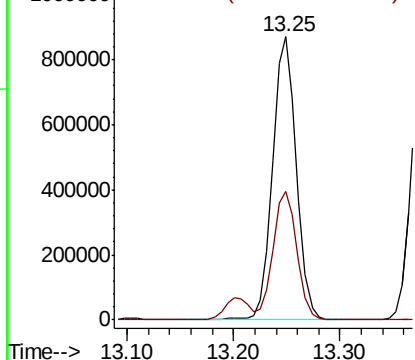


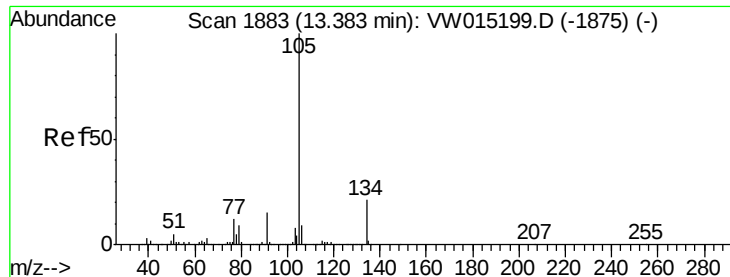
#84
1,2,4-Trimethylbenzene
Concen: 53.862 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:105 Resp: 1350950
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 54.324 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

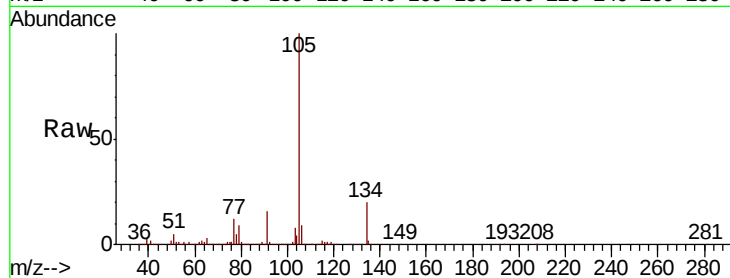
ClientSampleId :

Tot Ion:105 Resp: 1689338

Ion Ratio Lower Upper

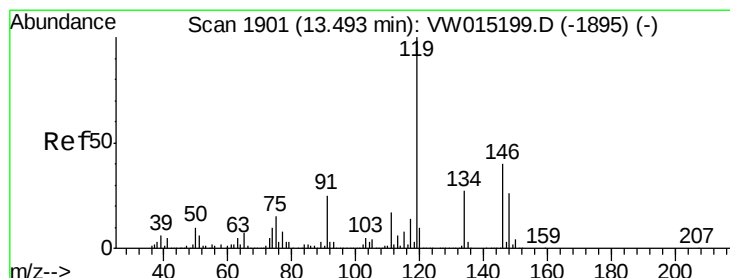
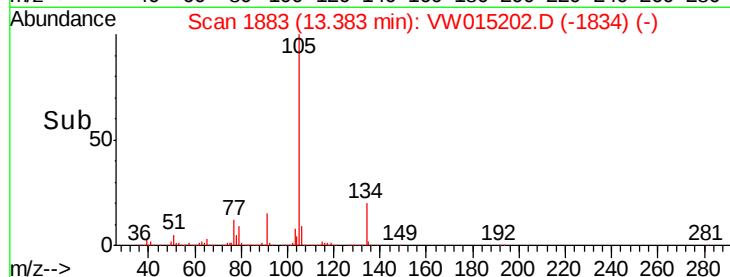
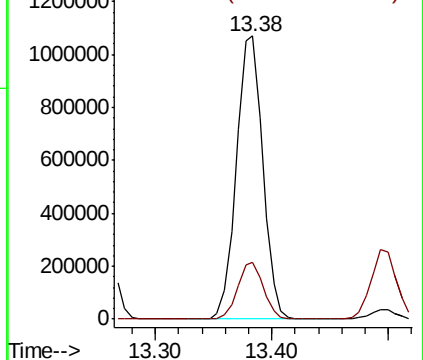
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.266 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

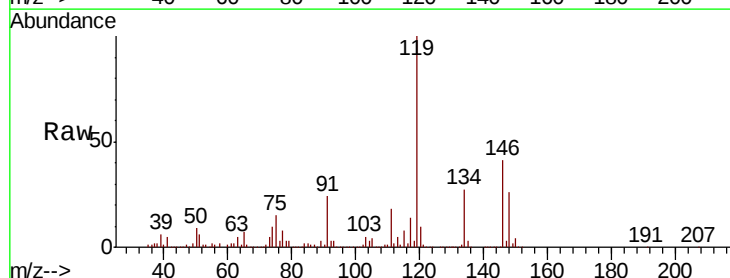
Tgt Ion:119 Resp: 1505764

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

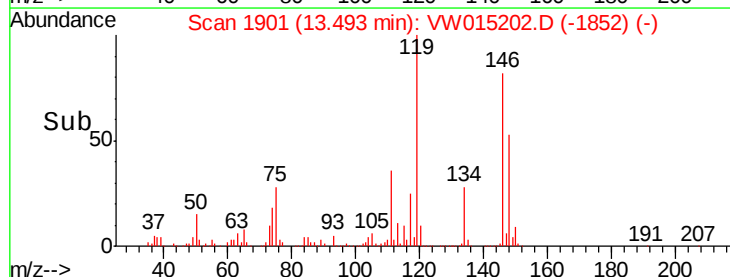
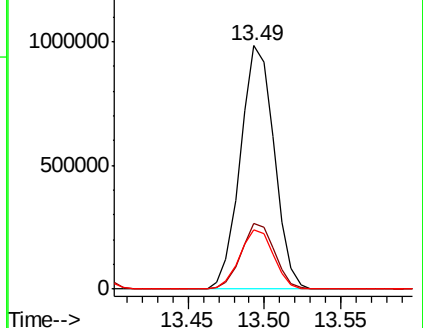
91 24.5 12.0 36.1

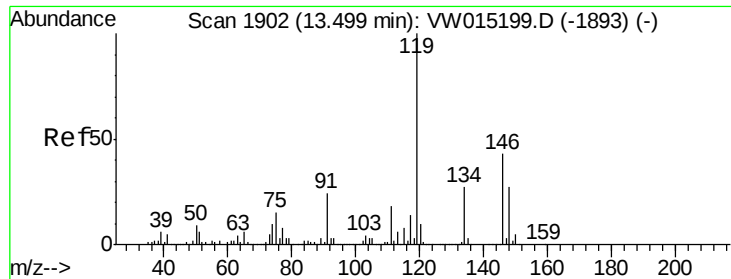


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

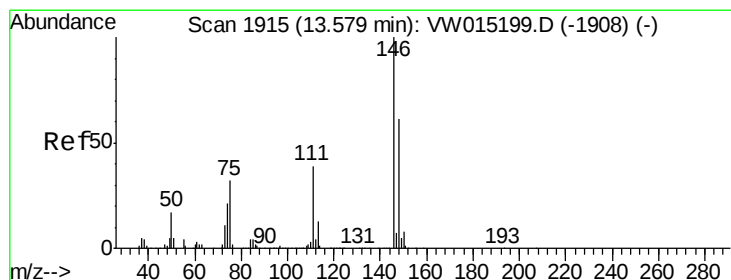
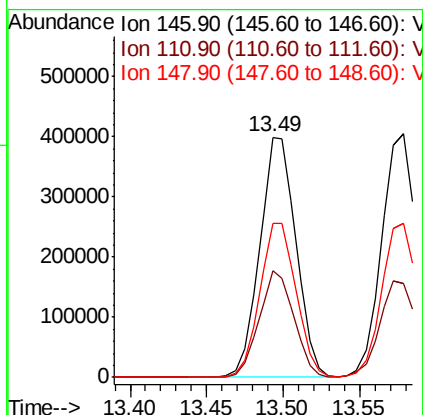
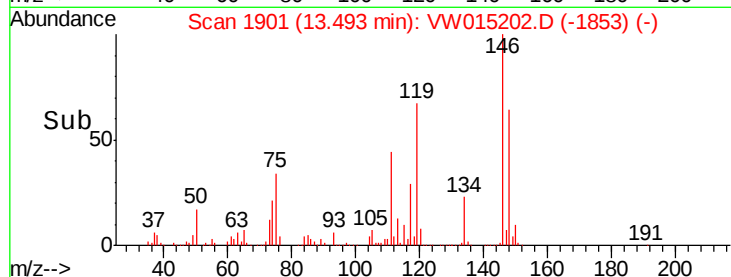
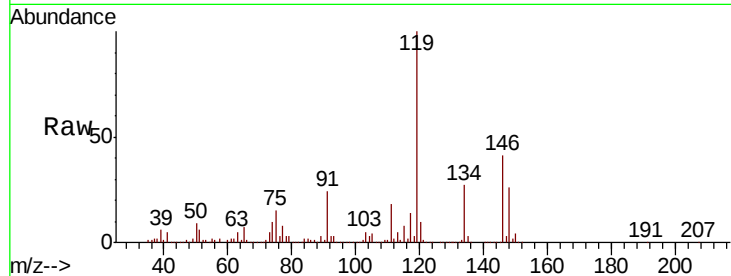




#87
 1,3-Dichlorobenzene
 Concen: 53.202 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

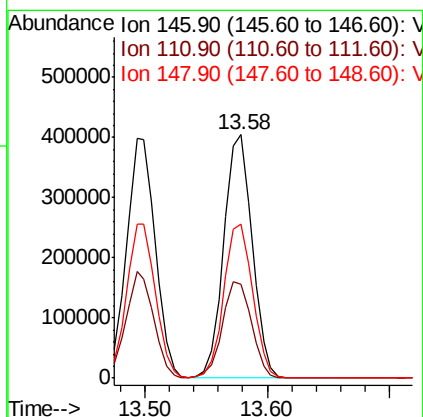
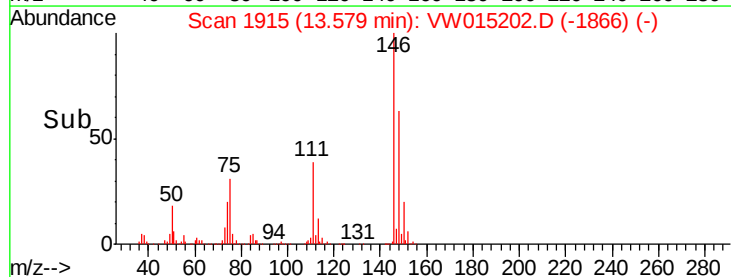
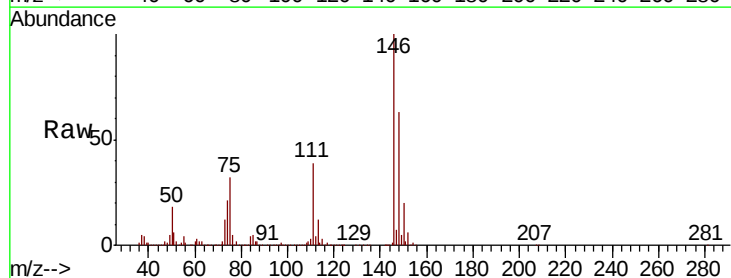
Instrument :
 MSVOA_W
 ClientSampled :

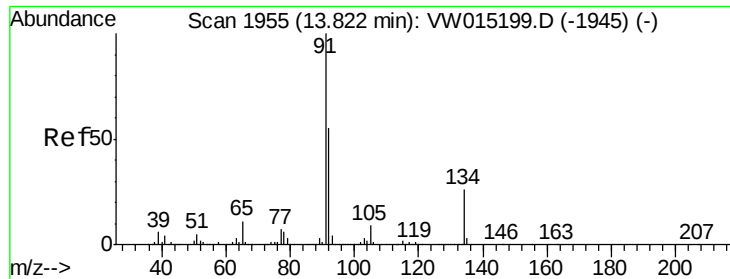
Tot Ion:146 Resp: 658101
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.1 63.4
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.962 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion:146 Resp: 649952
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 55.424 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015202.D

Acq: 15 Apr 2020 14:45

Instrument :

MSVOA_W

ClientSampled :

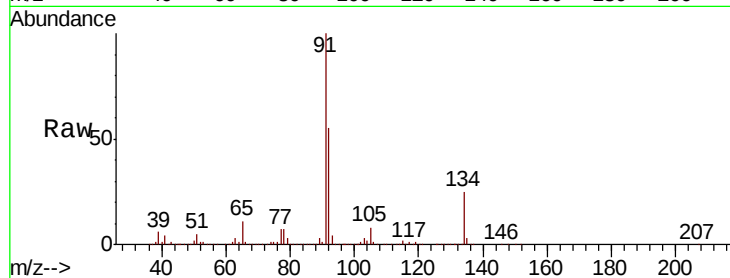
Tot Ion: 91 Resp: 1520363

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

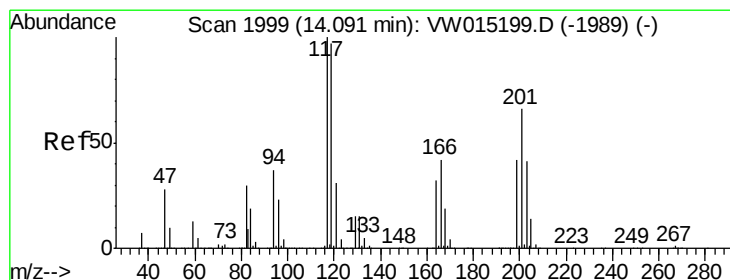
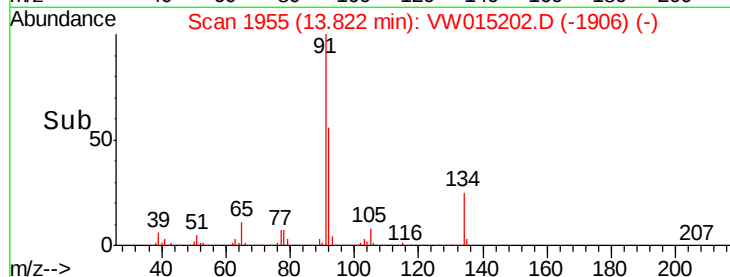
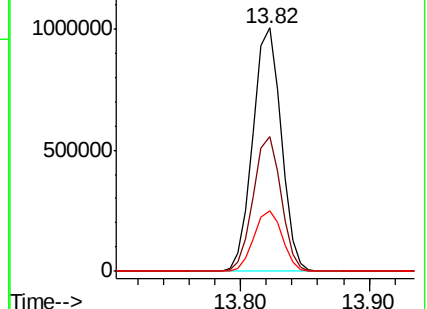
134 25.1 12.8 38.3



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: 54.603 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015202.D

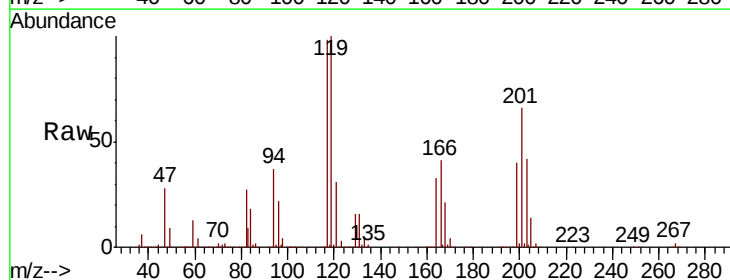
Acq: 15 Apr 2020 14:45

Tgt Ion: 117 Resp: 291304

Ion Ratio Lower Upper

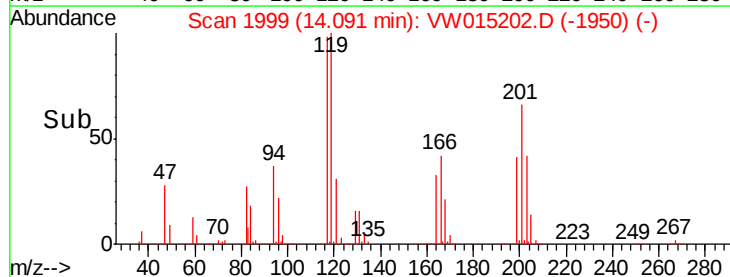
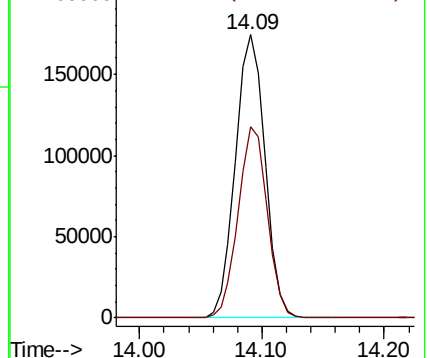
117 100

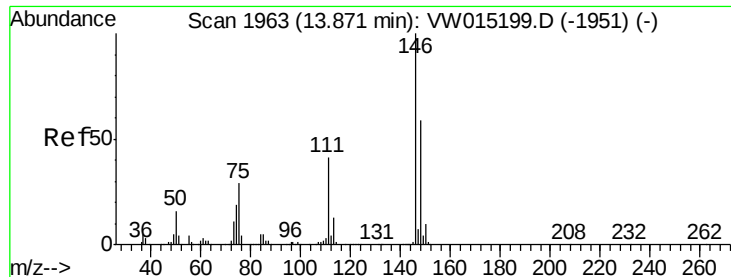
201 66.8 33.6 100.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

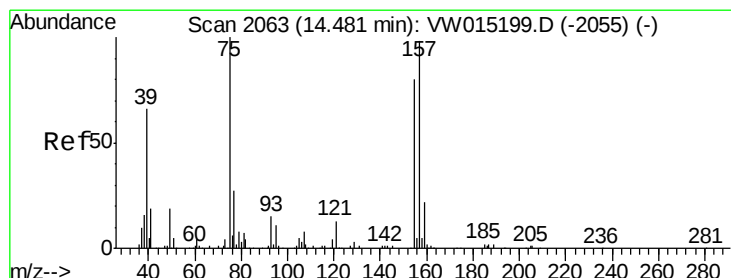
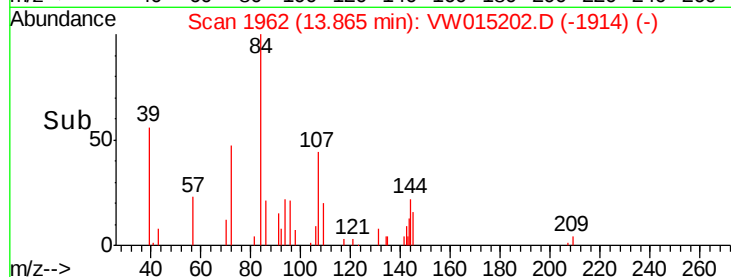
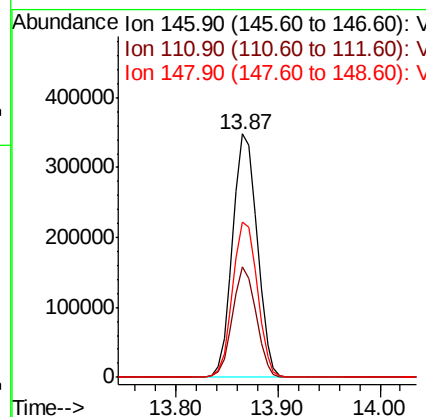
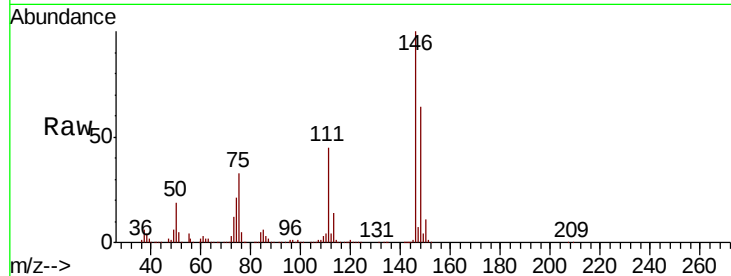




#91
 1,2-Dichlorobenzene
 Concen: 52.666 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

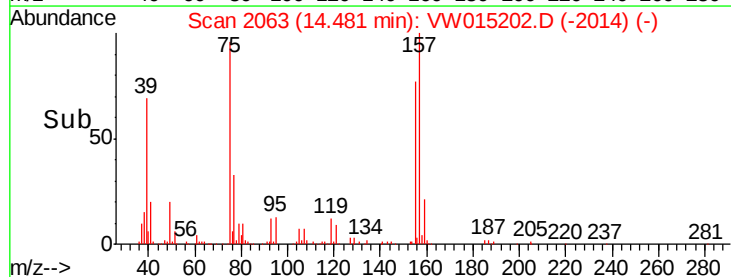
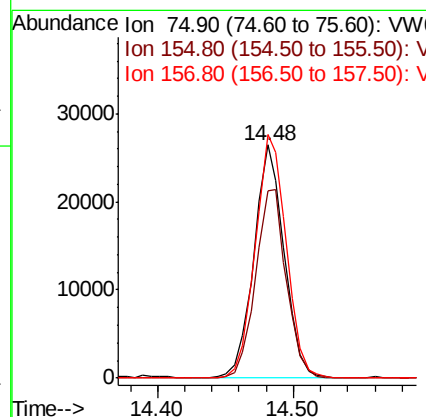
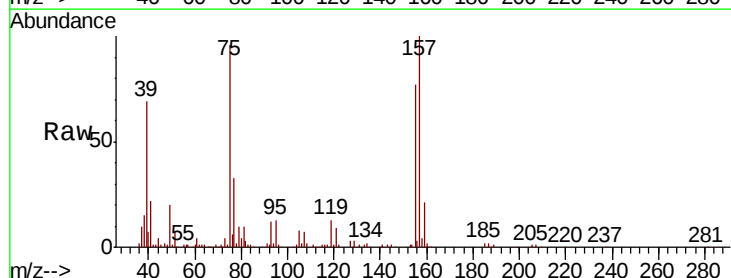
Instrument :
 MSVOA_W
 ClientSampleId :

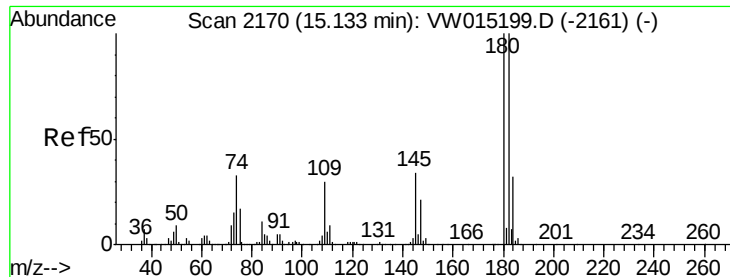
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	64.2	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.790 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	41.6	124.9
157	106.8	53.8	161.2

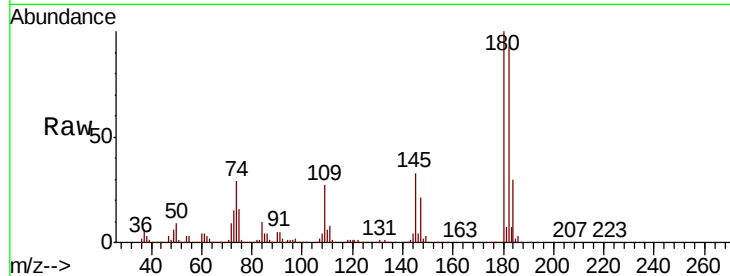




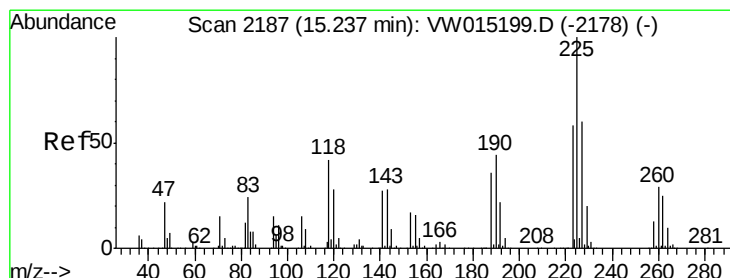
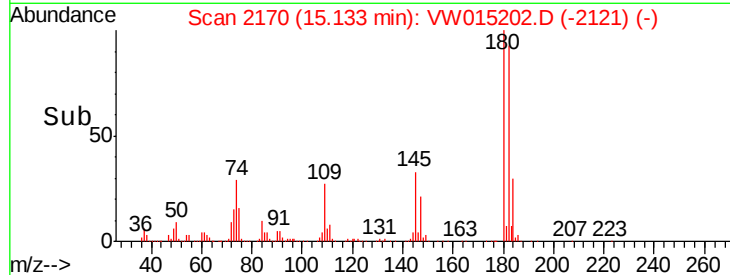
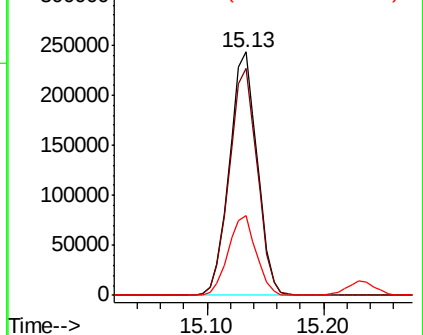
#93
 1,2,4-Trichlorobenzene
 Concen: 55.618 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	32.9	16.2	48.6

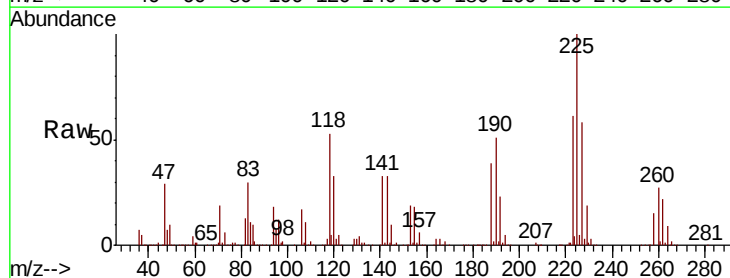


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

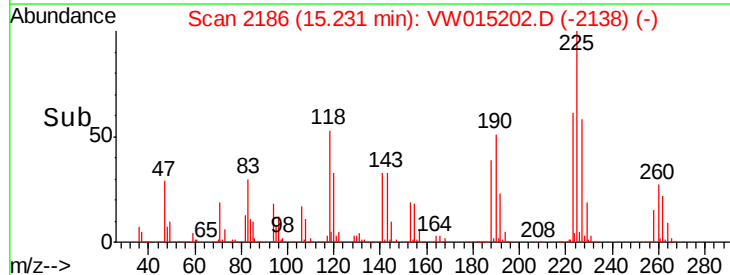
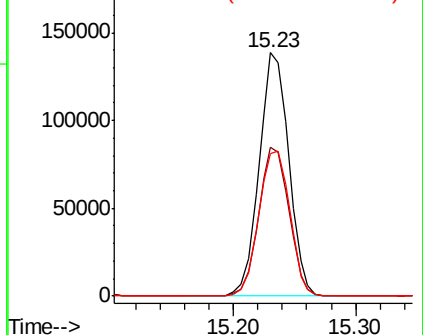


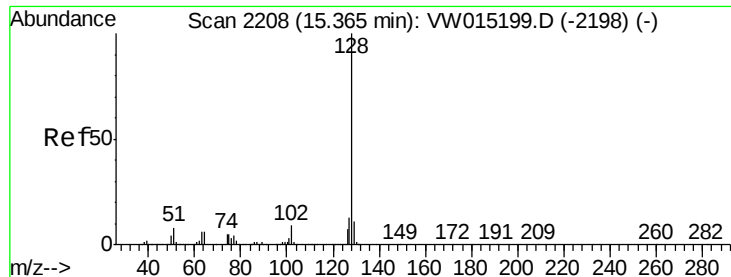
#94
 Hexachlorobutadiene
 Concen: 55.792 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015202.D
 Acq: 15 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.0	93.0
227	62.9	30.8	92.3



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

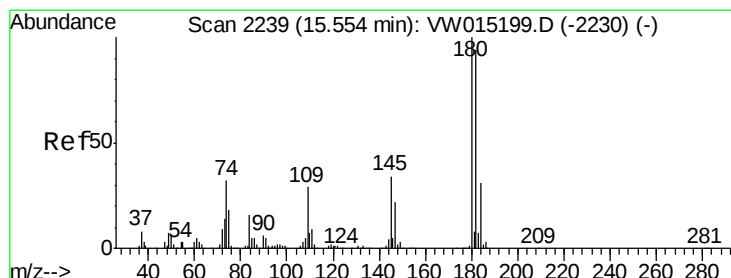
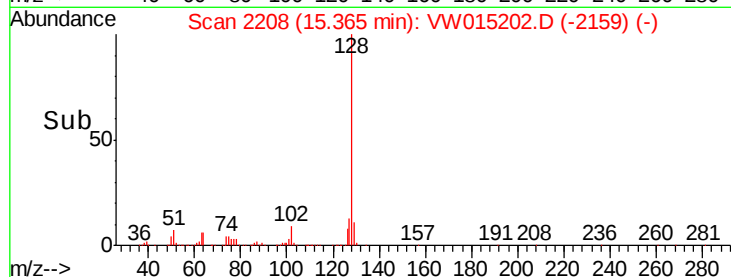
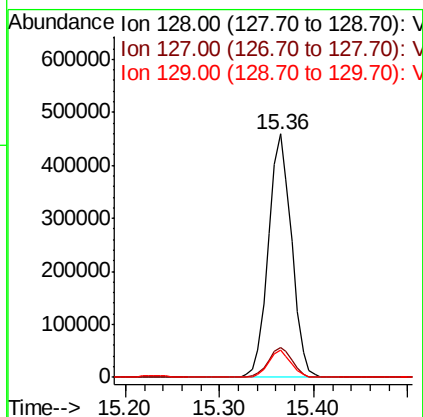
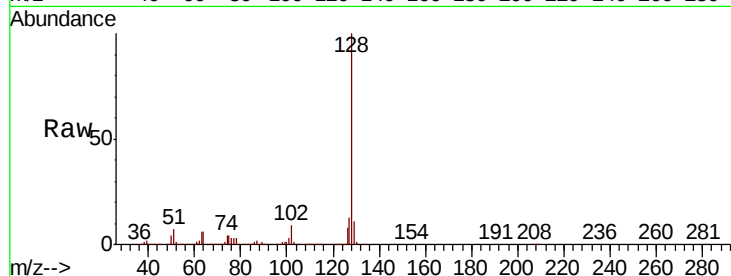




#95
Naphthalene
Concen: 56.767 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 792497
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 57.197 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015202.D
Acq: 15 Apr 2020 14:45

Tgt Ion:180 Resp: 356208
Ion Ratio Lower Upper
180 100
182 93.4 48.8 146.3
145 34.2 17.2 51.6

