

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
 Data File : VW014741.D
 Acq On : 24 Jan 2020 12:44
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 24 13:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	714254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1101196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	976036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	474543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	948881	149.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.20%	
35) Dibromofluoromethane	7.88	113	887705	139.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.50%	
50) Toluene-d8	10.32	98	3726601	140.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.52%	
62) 4-Bromofluorobenzene	12.62	95	1296325	144.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	686161	162.56	ug/l	100
3) Chloromethane	2.21	50	849224	163.56	ug/l	99
4) Vinyl Chloride	2.36	62	1220981	158.80	ug/l	98
5) Bromomethane	2.73	94	477654	102.44	ug/l	98
6) Chloroethane	2.91	64	717691	164.74	ug/l	100
7) Trichlorofluoromethane	3.24	101	702795	184.12	ug/l	100
8) Diethyl Ether	3.67	74	525585	144.59	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	963852	140.00	ug/l	100
10) Methyl Iodide	4.27	142	1428444	138.71	ug/l	98
11) Tert butyl alcohol	5.16	59	339048	638.66	ug/l	98
12) 1,1-Dichloroethene	4.04	96	1018872	141.46	ug/l	97
13) Acrolein	3.89	56	403286	771.34	ug/l	100
14) Allyl chloride	4.66	41	1703542	152.71	ug/l	99
15) Acrylonitrile	5.35	53	1222235	744.26	ug/l	99
16) Acetone	4.11	43	1144177	658.93	ug/l	100
17) Carbon Disulfide	4.38	76	3263498	148.92	ug/l	100
18) Methyl Acetate	4.66	43	544789	131.57	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1277440	143.12	ug/l	99
20) Methylene Chloride	4.91	84	1045539	126.13	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	1065191	139.26	ug/l	98
22) Diisopropyl ether	6.31	45	3034115	145.25	ug/l	98
23) Vinyl Acetate	6.24	43	9604749	771.79	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1897727	144.88	ug/l	99
25) 2-Butanone	7.16	43	1628496	729.89	ug/l	100
26) 1,2-Dichloropropane	7.16	77	963754	132.78	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	1138307	141.91	ug/l	99
28) Bromochloromethane	7.51	49	783879	154.12	ug/l	100
29) Tetrahydrofuran	7.52	42	1032172	742.78	ug/l	99
30) Chloroform	7.67	83	1743187	142.53	ug/l	99
31) Cyclohexane	7.95	56	1878080	138.31	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1413573	143.86	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1501496	139.36	ug/l	100
37) Ethyl Acetate	7.24	43	698825	146.67	ug/l	99
38) Carbon Tetrachloride	8.06	117	1311653	140.44	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1920914	140.06	ug/l	99
40) Benzene	8.32	78	4187067	137.45	ug/l	100
41) Methacrylonitrile	7.48	41	416040	155.64	ug/l	98
42) 1,2-Dichloroethane	8.40	62	1125624	141.94	ug/l	99
43) Isopropyl Acetate	8.42	43	1316778	151.06	ug/l	99
44) Trichloroethene	9.09	130	1104621	135.18	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1056899	141.25	ug/l	97
46) Dibromomethane	9.45	93	502024	137.94	ug/l	99
47) Bromodichloromethane	9.64	83	1310824	143.88	ug/l	99
48) Methyl methacrylate	9.43	41	668977	158.83	ug/l	94
49) 1,4-Dioxane	9.44	88	181216	2718.53	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	3364883	746.77	ug/l	98
52) Toluene	10.38	92	2616089	137.32	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1396929	149.72	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	1682927	146.97	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	732385	138.23	ug/l	99
56) Ethyl methacrylate	10.64	69	1060096	154.75	ug/l	98
57) 1,3-Dichloropropane	10.93	76	1330718	141.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1758175	836.86	ug/l	99
59) 2-Hexanone	10.96	43	2379223	771.01	ug/l	98
60) Dibromochloromethane	11.13	129	847018	141.70	ug/l	98
61) 1,2-Dibromoethane	11.23	107	696355	139.27	ug/l	98
64) Tetrachloroethene	10.86	164	917388	130.15	ug/l	95
65) Chlorobenzene	11.65	112	2706294	134.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	929991	137.67	ug/l	99
67) Ethyl Benzene	11.73	91	4979945	137.16	ug/l	98
68) m/p-Xylenes	11.83	106	3733903	269.34	ug/l	98
69) o-Xylene	12.16	106	1752400	136.95	ug/l	99
70) Styrene	12.18	104	3023401	139.87	ug/l	99
71) Bromoform	12.35	173	503365	139.00	ug/l #	99
73) Isopropylbenzene	12.46	105	4770725	136.33	ug/l	99
74) N-amyl acetate	12.27	43	1224130	156.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	853850	136.94	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	1120073	252.41	ug/l #	1
77) Bromobenzene	12.74	156	1090858	134.17	ug/l	99
78) n-propylbenzene	12.80	91	5708974	137.71	ug/l	99
79) 2-Chlorotoluene	12.89	91	3226220	136.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	4049179	137.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	303767	152.42	ug/l	97
82) 4-Chlorotoluene	12.99	91	3363641	137.15	ug/l	100
83) tert-Butylbenzene	13.21	119	3540834	137.42	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	4012818	136.45	ug/l	99
85) sec-Butylbenzene	13.38	105	4887614	136.66	ug/l	99
86) p-Isopropyltoluene	13.49	119	4516053	138.40	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	2121577	134.09	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2073190	133.08	ug/l	99
89) n-Butylbenzene	13.82	91	4318581	142.12	ug/l	99
90) Hexachloroethane	14.09	117	808442	142.35	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	1859129	133.66	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	137922	140.06	ug/l	98

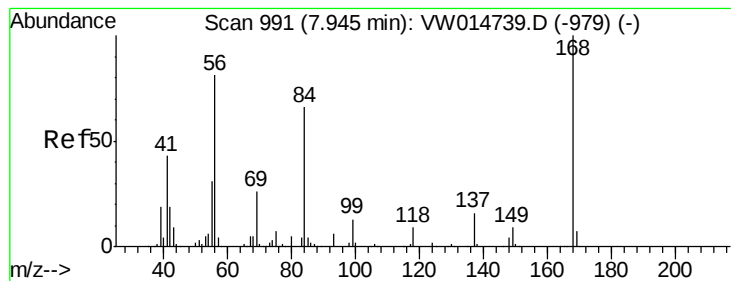
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
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Quant Title : SW846 8260
QLast Update : Fri Jan 24 12:36:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	1288119	138.40	ug/l	98
94) Hexachlorobutadiene	15.23	225	792514	126.04	ug/l	98
95) Naphthalene	15.36	128	2382333	151.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	1095601	135.28	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

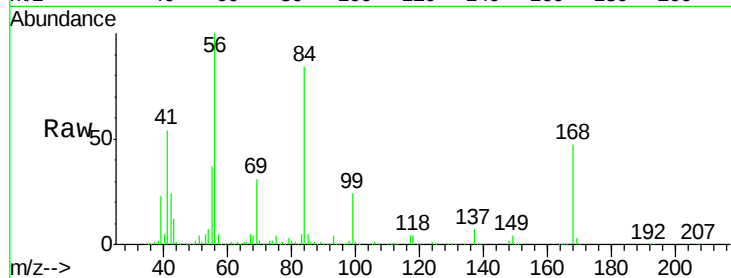
VSTDIC150

Tgt Ion:168 Resp: 714254

Ion Ratio Lower Upper

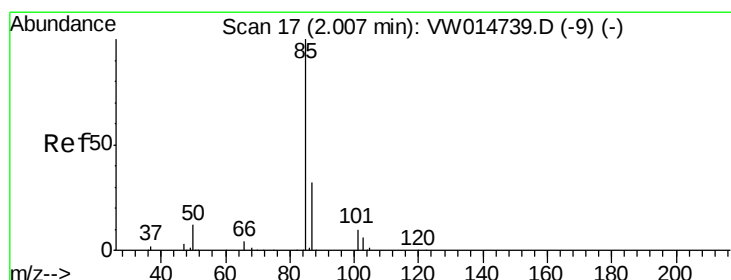
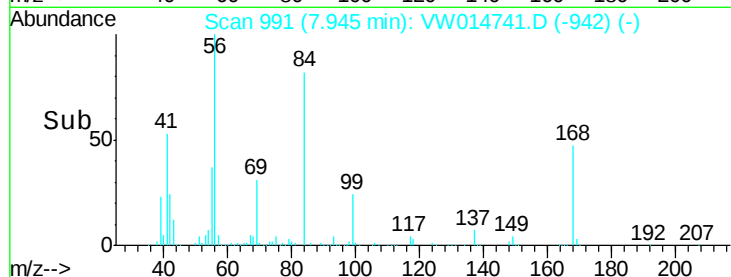
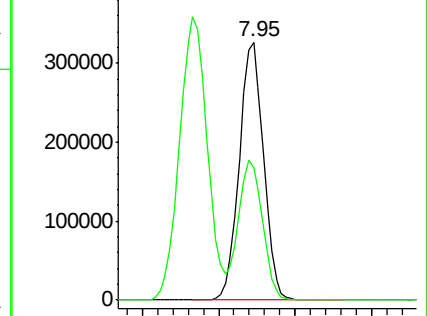
168 100

99 51.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 162.56 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014741.D

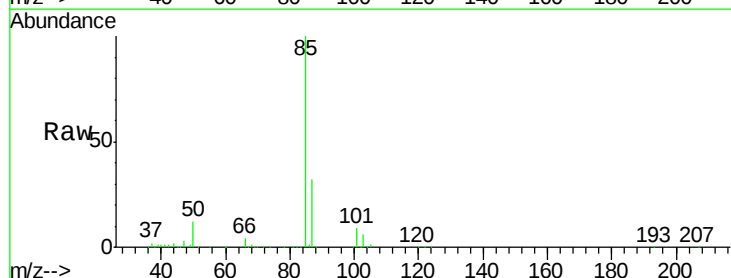
Acq: 24 Jan 2020 12:44

Tgt Ion: 85 Resp: 686161

Ion Ratio Lower Upper

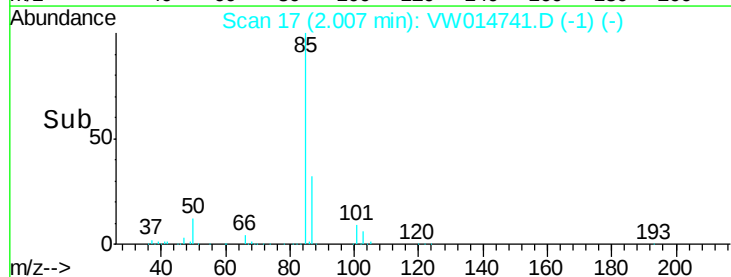
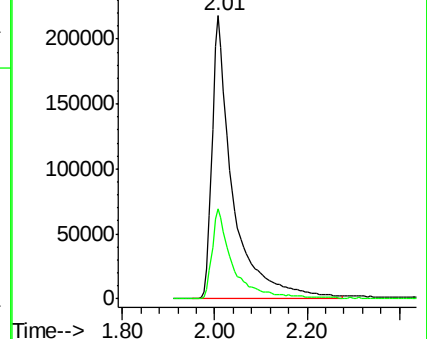
85 100

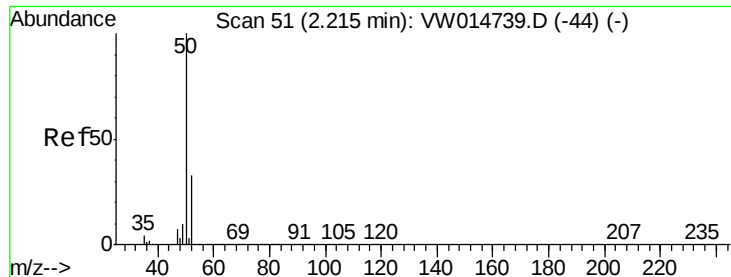
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 163.56 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

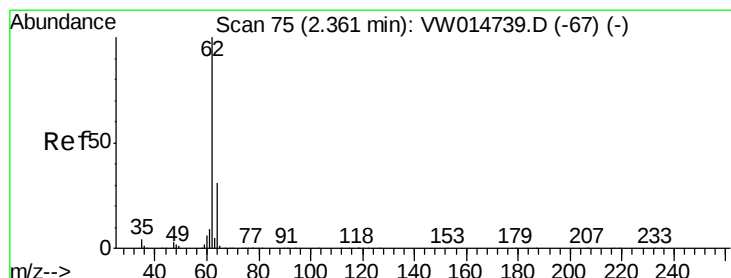
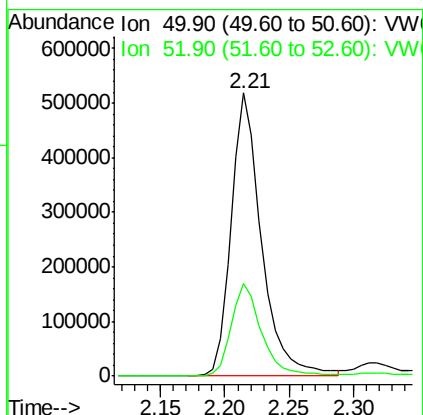
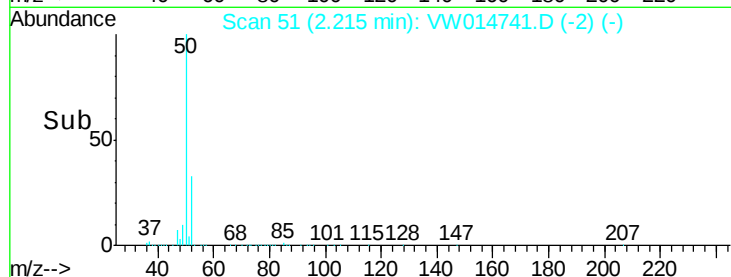
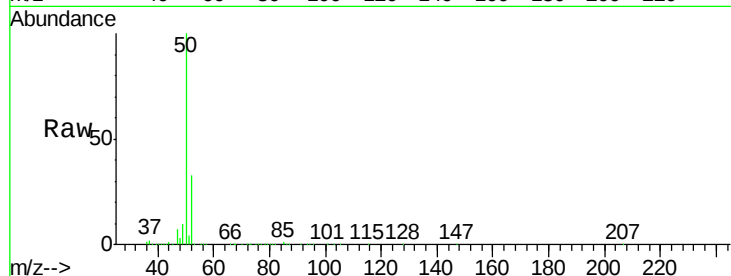
VSTDIC150

Tgt Ion: 50 Resp: 849224

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 158.80 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014741.D

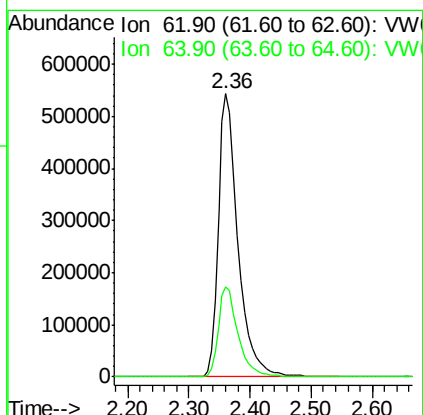
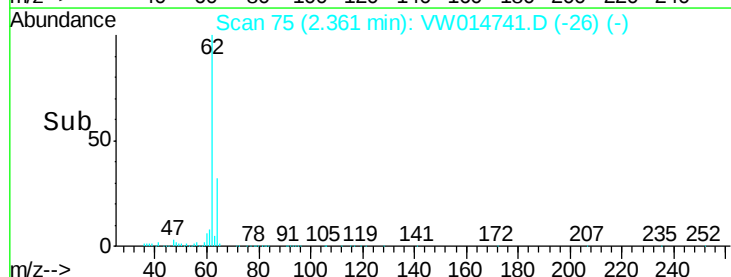
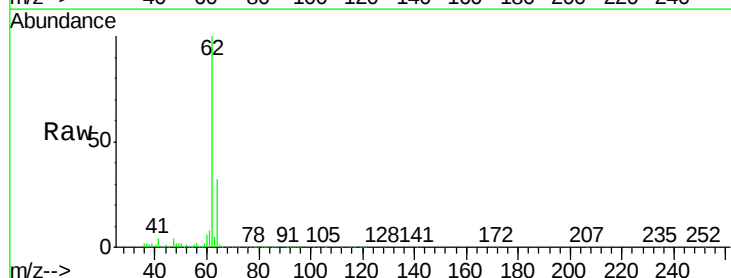
Acq: 24 Jan 2020 12:44

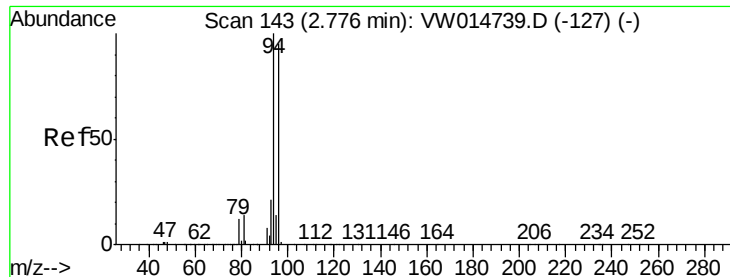
Tgt Ion: 62 Resp: 1220981

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 102.44 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

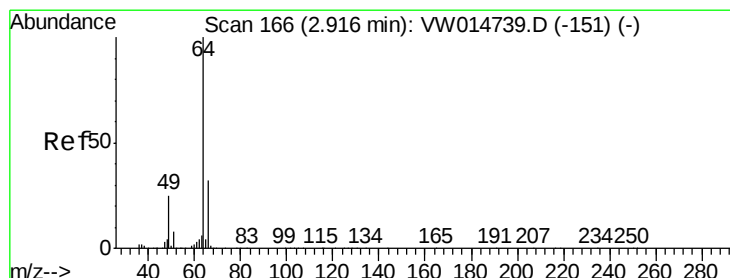
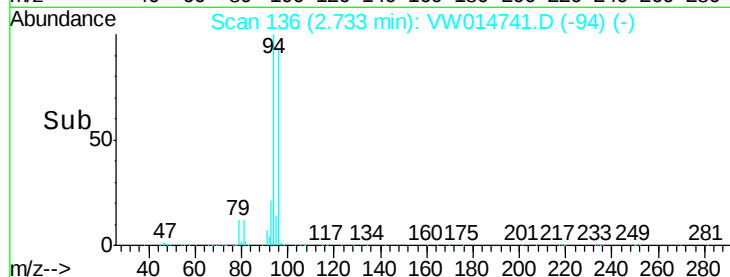
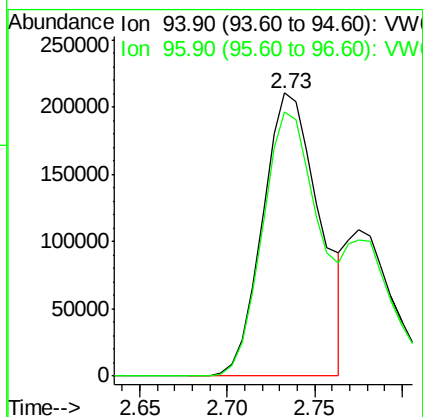
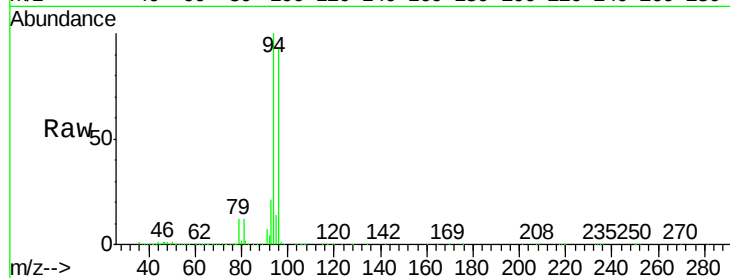
VSTDIC150

Tgt Ion: 94 Resp: 477654

Ion Ratio Lower Upper

94 100

96 93.4 76.2 114.4



#6

Chloroethane

Concen: 164.74 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014741.D

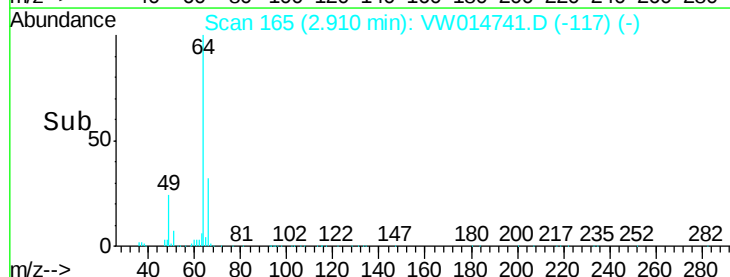
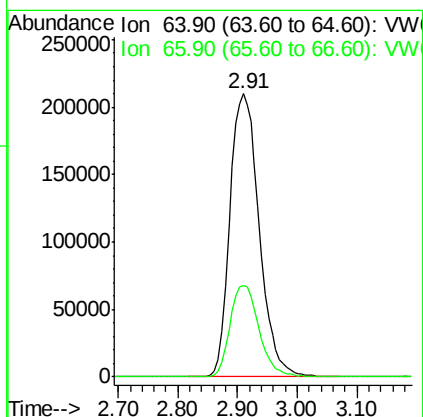
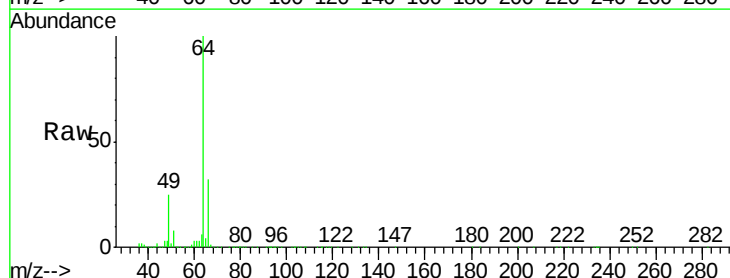
Acq: 24 Jan 2020 12:44

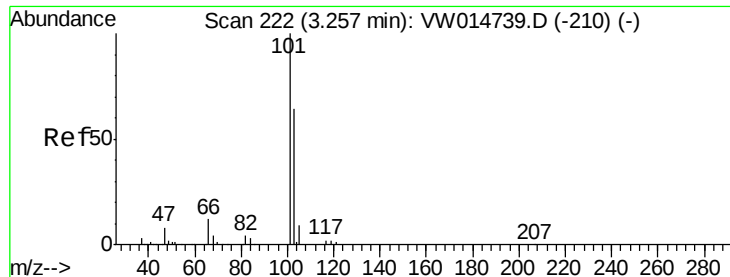
Tgt Ion: 64 Resp: 717691

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



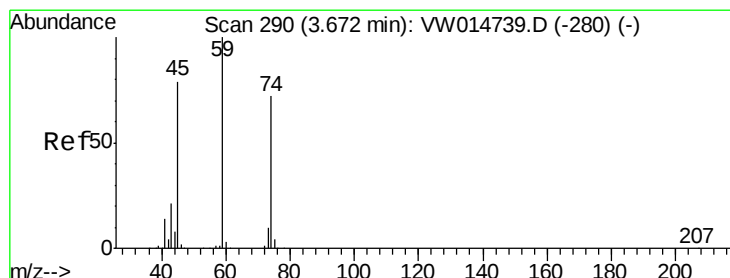
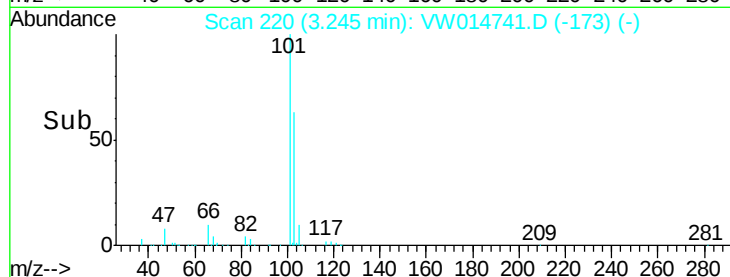
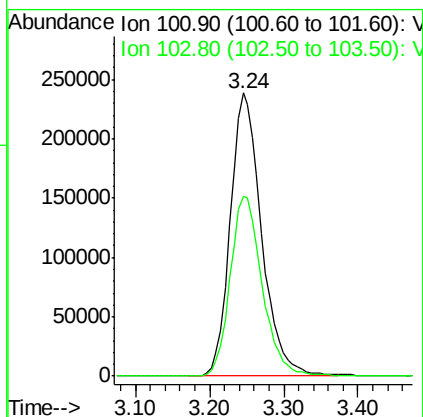
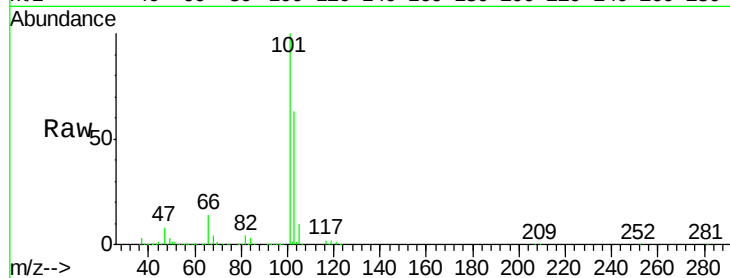


#7

Trichlorofluoromethane
 Concen: 184.12 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

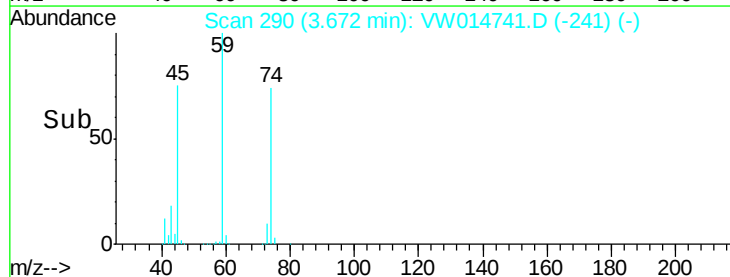
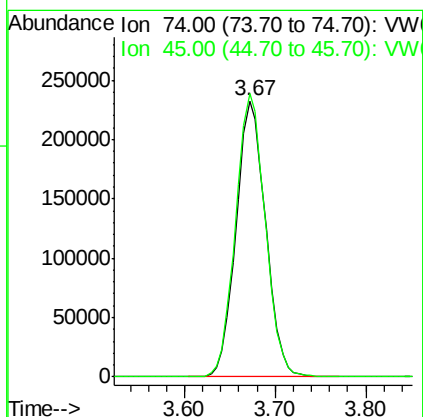
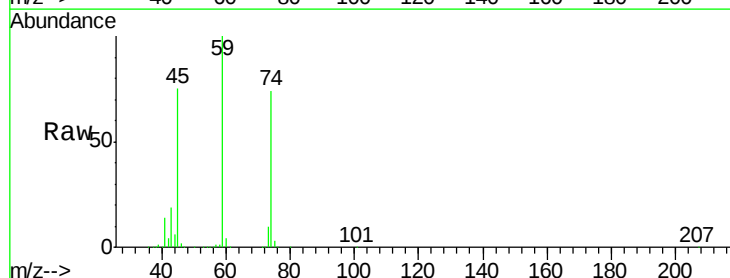
Tgt Ion: 101 Resp: 702795
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.8 76.2

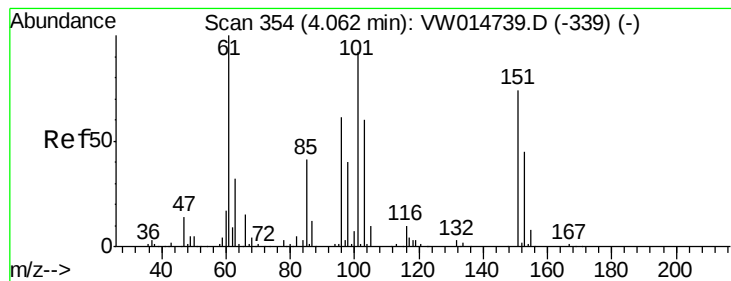


#8

Diethyl Ether
 Concen: 144.59 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 74 Resp: 525585
 Ion Ratio Lower Upper
 74 100
 45 102.7 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.00 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

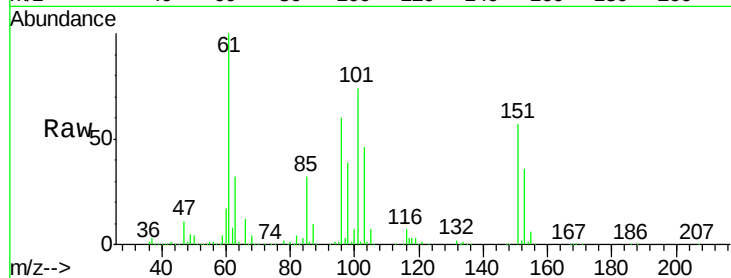
Tgt Ion:101 Resp: 963852

Ion Ratio Lower Upper

101 100

85 42.8 34.4 51.6

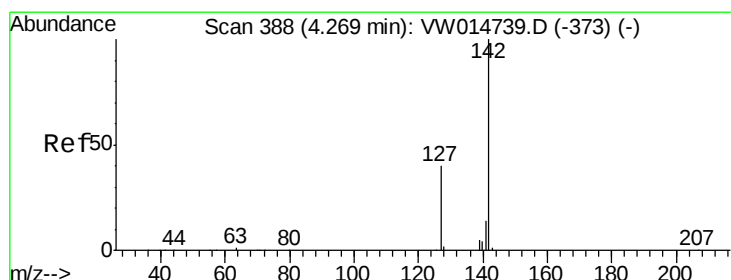
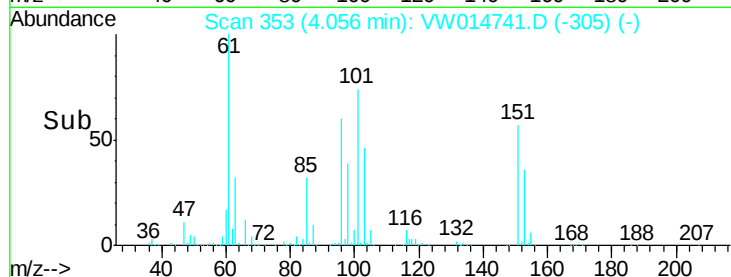
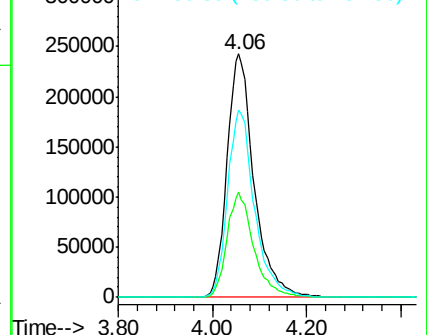
151 76.9 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 138.71 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

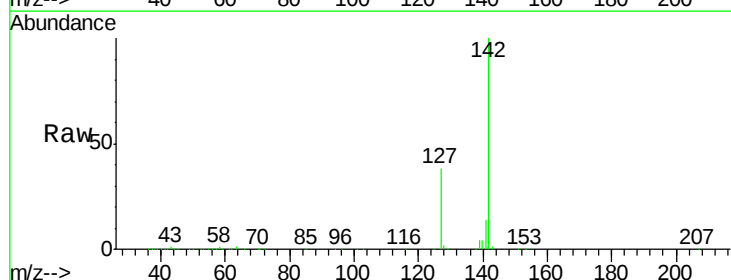
Tgt Ion:142 Resp: 1428444

Ion Ratio Lower Upper

142 100

127 40.1 33.2 49.8

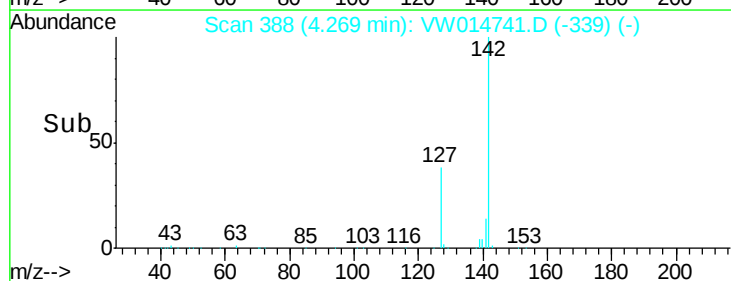
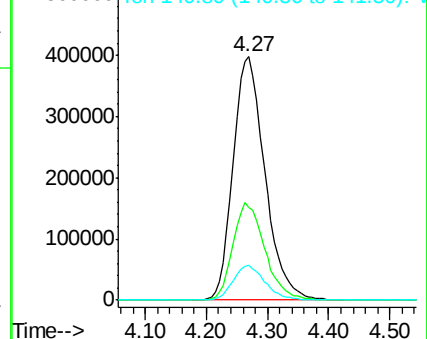
141 14.3 11.8 17.6

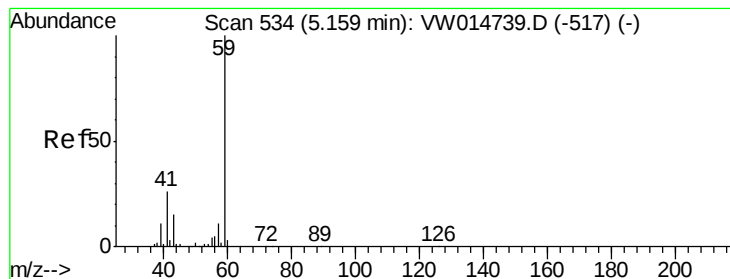


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



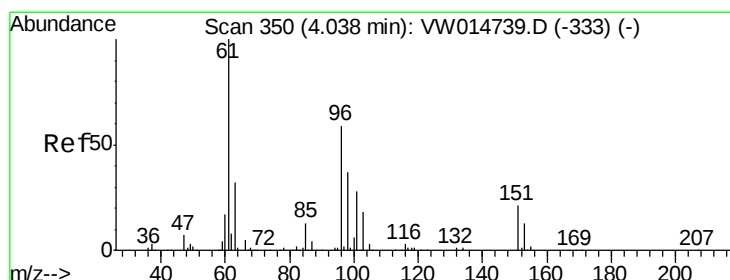
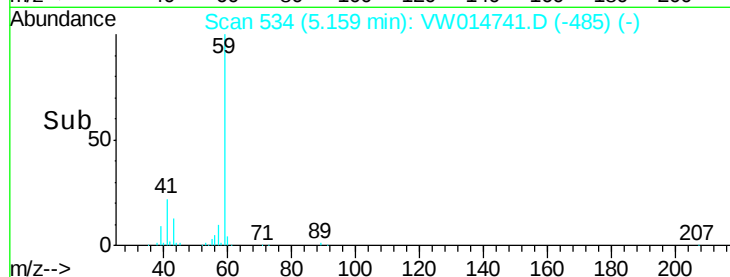
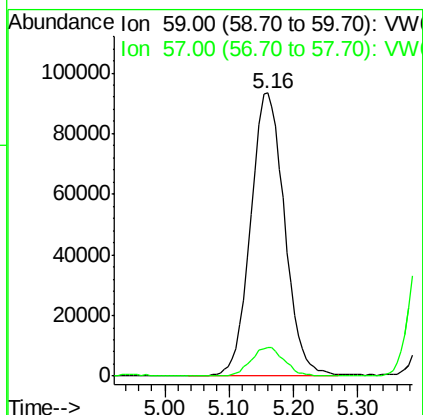
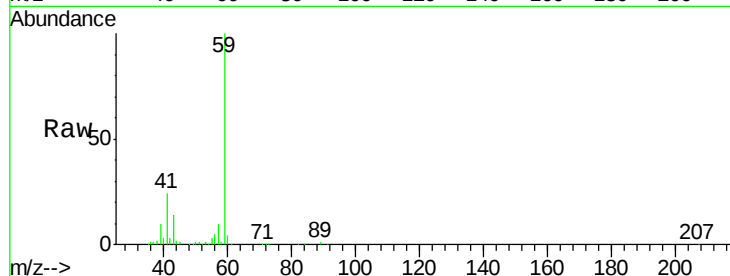


#11

Tert butyl alcohol
 Concen: 638.66 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

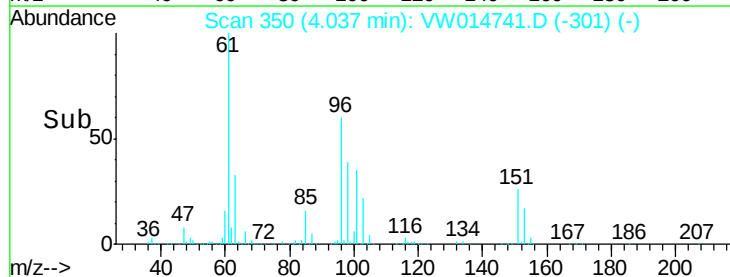
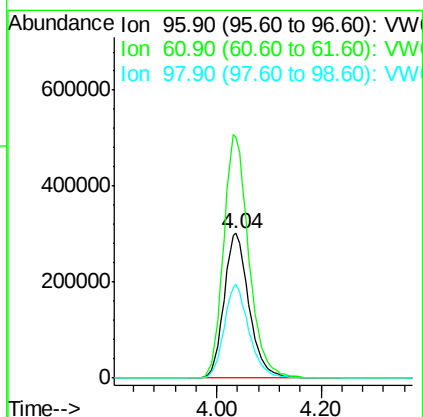
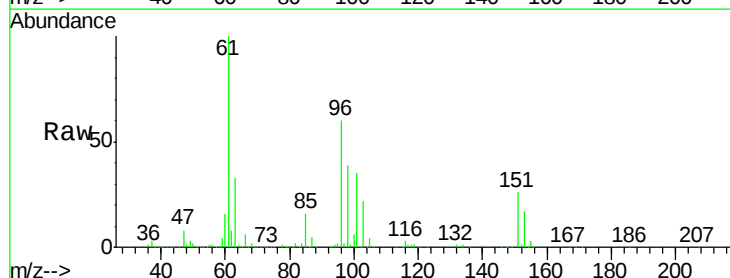
Tgt Ion: 59 Resp: 339048
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

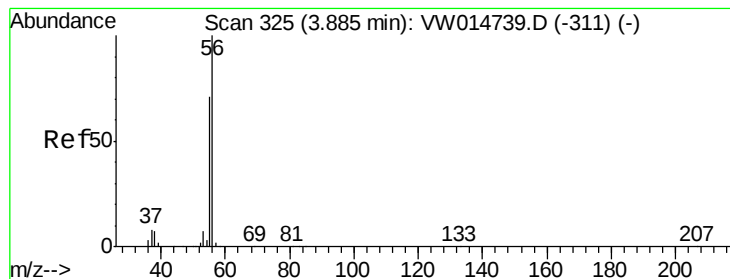


#12

1,1-Dichloroethene
 Concen: 141.46 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 96 Resp: 1018872
 Ion Ratio Lower Upper
 96 100
 61 166.0 136.3 204.5
 98 64.4 51.0 76.6





#13

Acrolein

Concen: 771.34 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

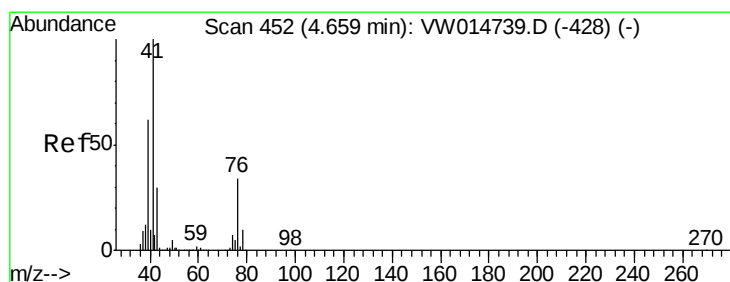
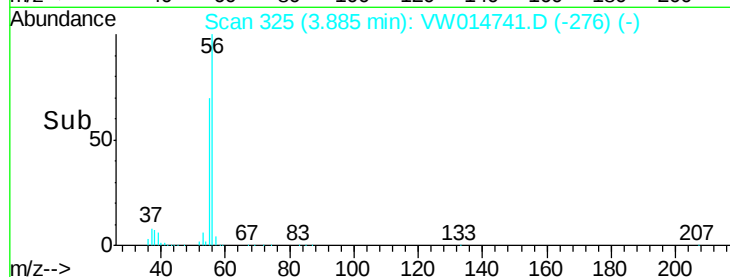
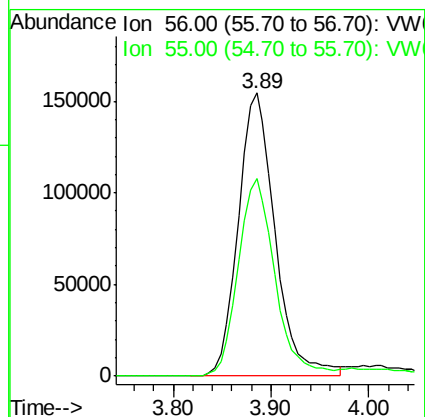
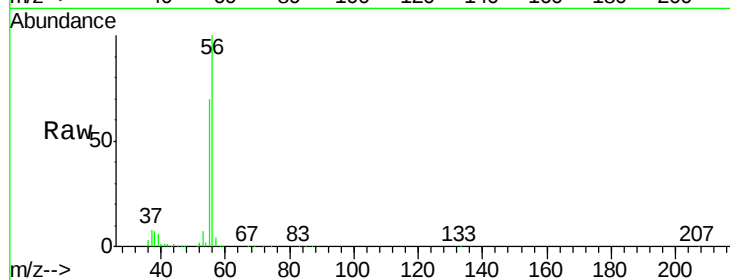
VSTDIC150

Tgt Ion: 56 Resp: 403286

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 152.71 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

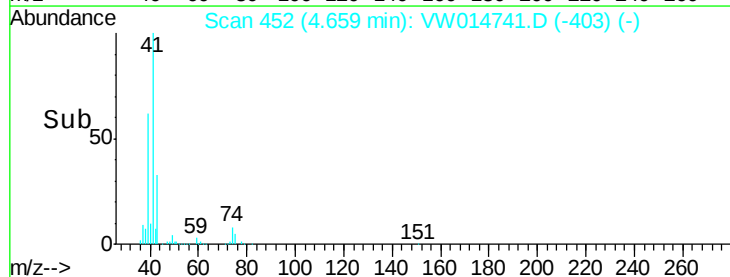
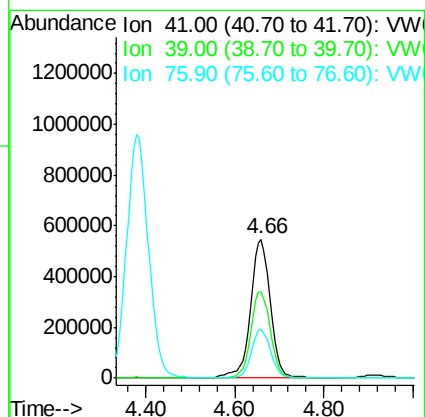
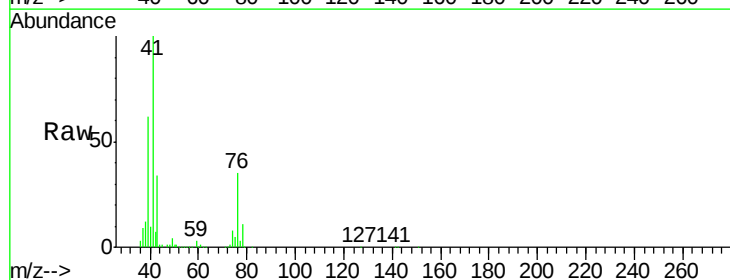
Tgt Ion: 41 Resp: 1703542

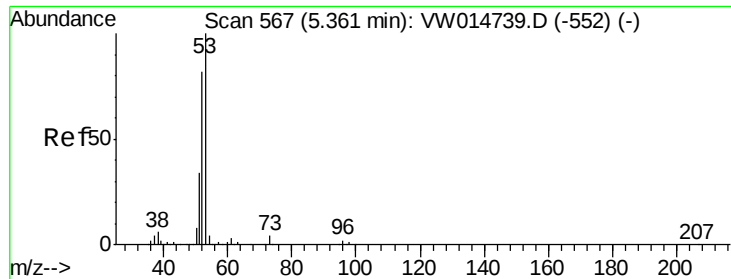
Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

76 33.9 26.7 40.1





#15

Acrylonitrile

Concen: 744.26 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

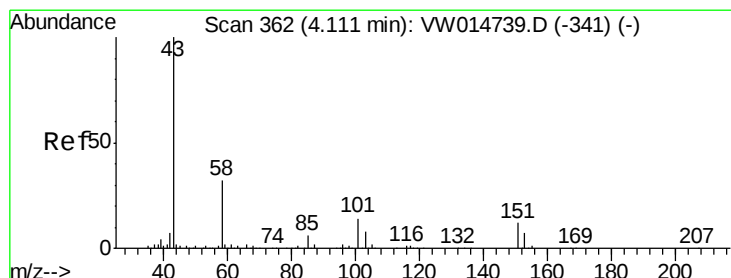
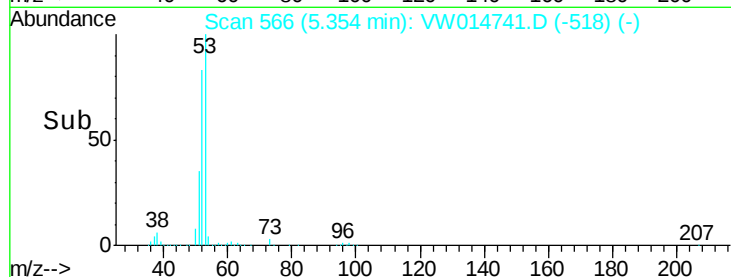
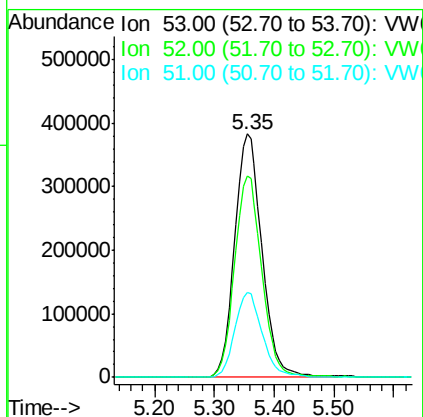
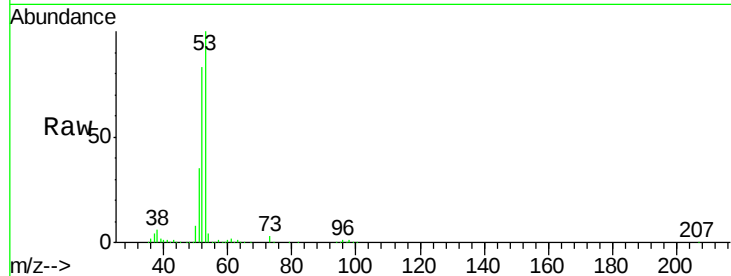
Tgt Ion: 53 Resp: 1222235

Ion Ratio Lower Upper

53 100

52 81.6 66.0 99.0

51 35.3 28.6 43.0



#16

Acetone

Concen: 658.93 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

Lab File: VW014741.D

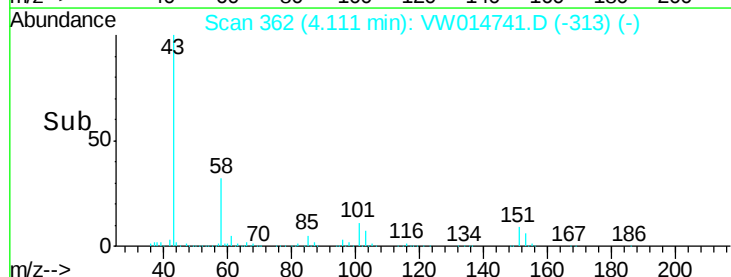
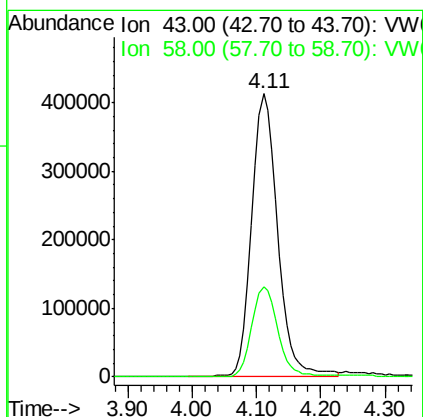
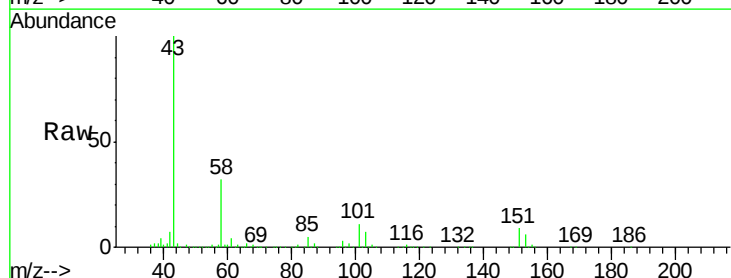
Acq: 24 Jan 2020 12:44

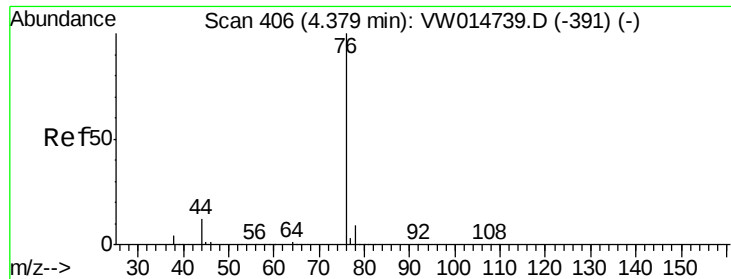
Tgt Ion: 43 Resp: 1144177

Ion Ratio Lower Upper

43 100

58 32.0 25.6 38.4

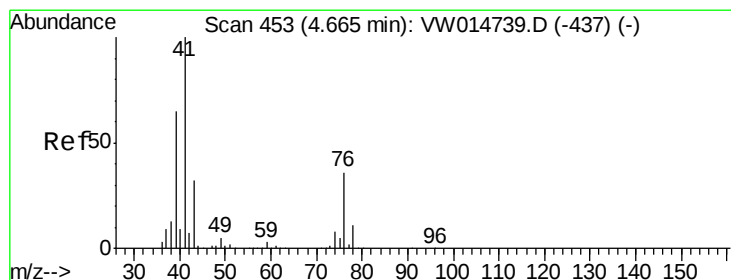
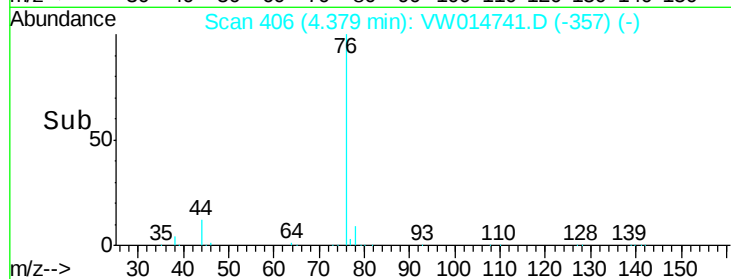
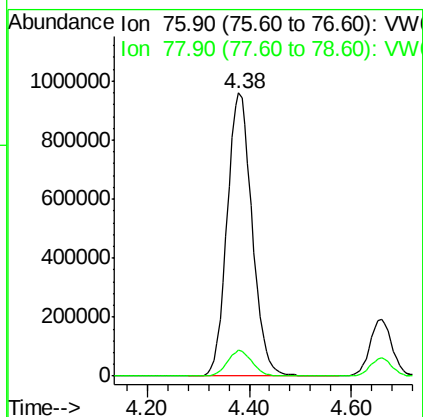
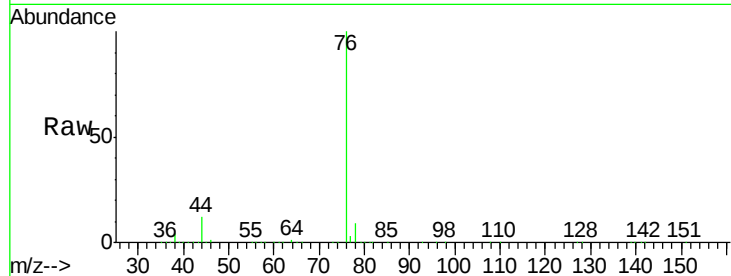




#17
Carbon Disulfide
Concen: 148.92 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

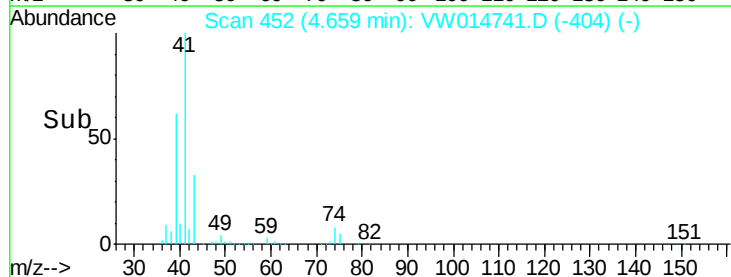
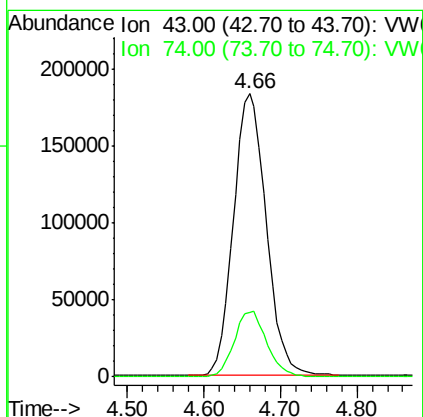
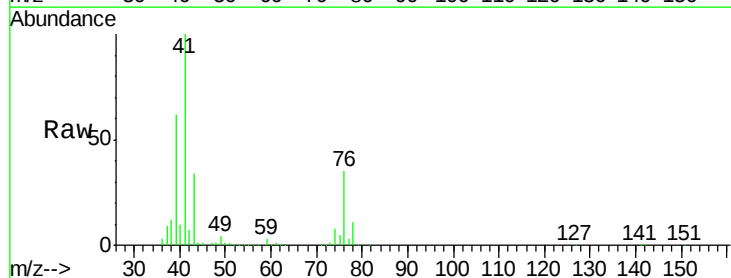
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

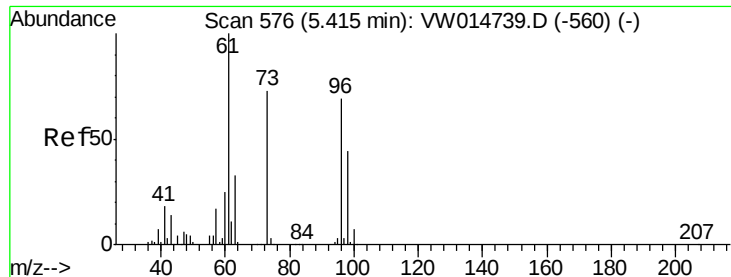
Tgt Ion: 76 Resp: 3263498
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 131.57 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 43 Resp: 544789
Ion Ratio Lower Upper
43 100
74 23.1 18.4 27.6

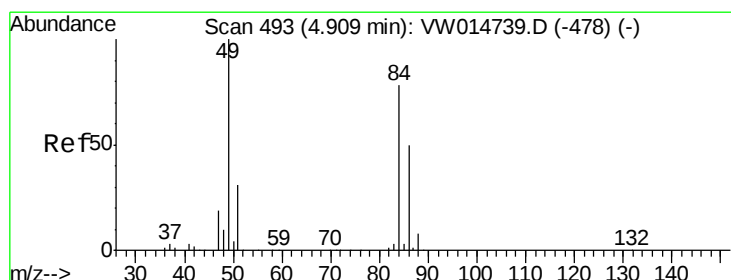
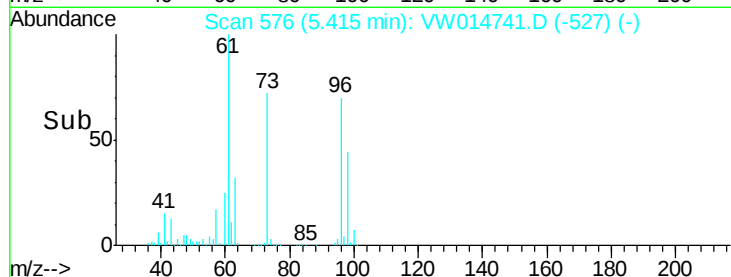
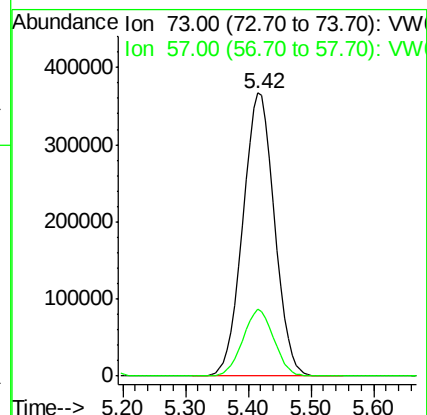
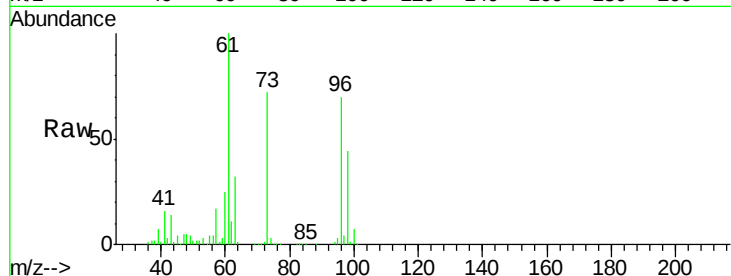




#19
Methyl tert-butyl Ether
Concen: 143.12 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

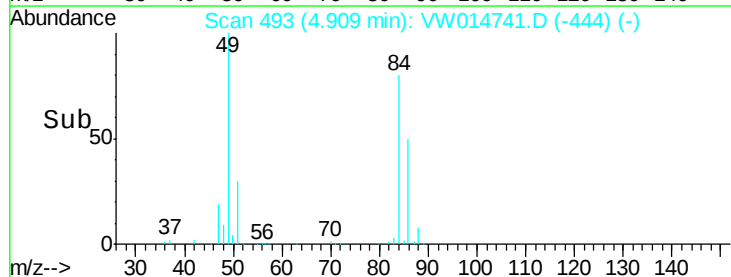
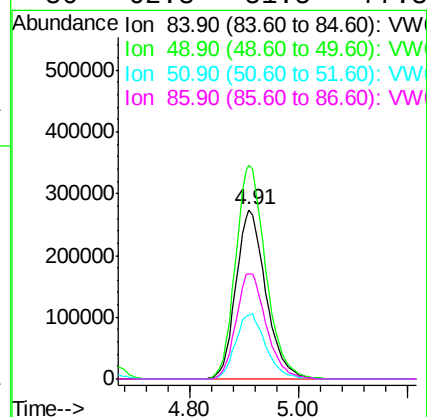
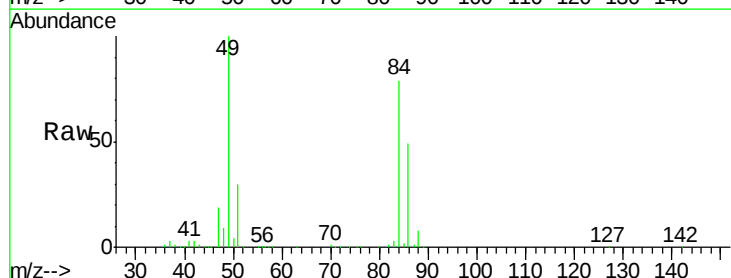
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

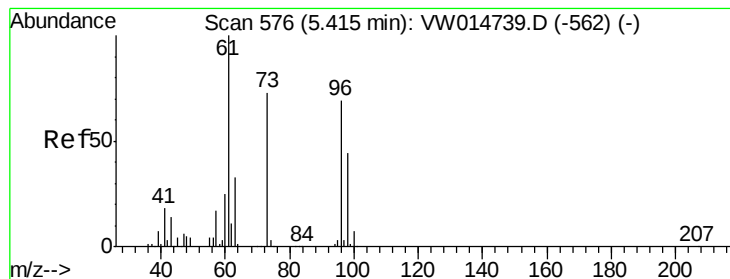
Tgt Ion: 73 Resp: 1277440
Ion Ratio Lower Upper
73 100
57 23.5 18.5 27.7



#20
Methylene Chloride
Concen: 126.13 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 84 Resp: 1045539
Ion Ratio Lower Upper
84 100
49 126.0 103.1 154.7
51 37.9 32.1 48.1
86 62.3 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 139.26 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

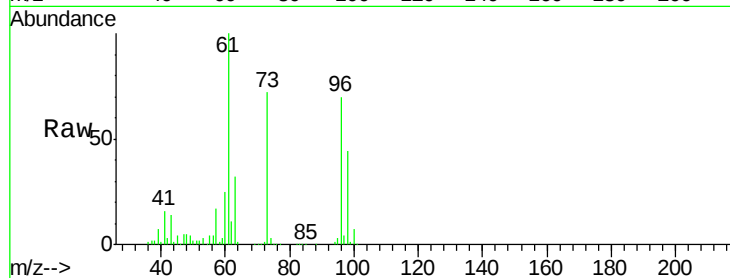
Tgt Ion: 96 Resp: 1065191

Ion Ratio Lower Upper

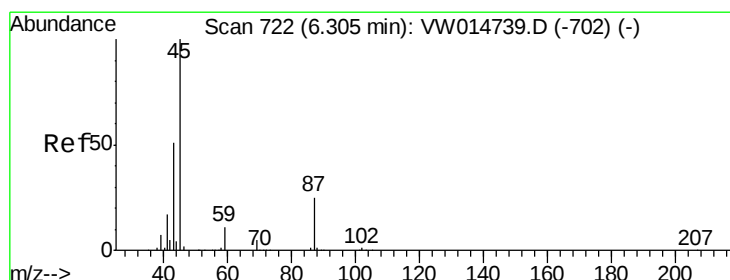
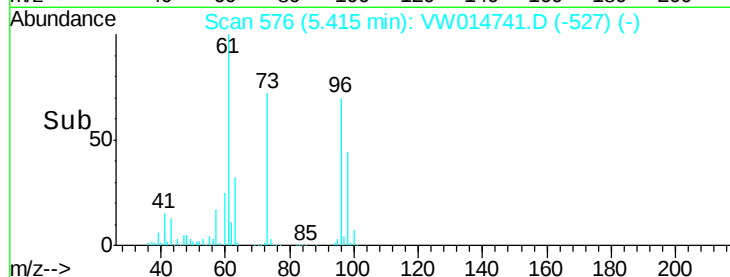
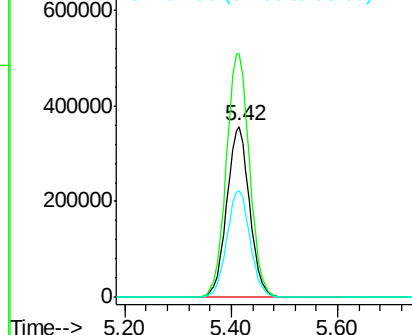
96 100

61 142.5 116.1 174.1

98 62.1 51.6 77.4



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: 145.25 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion: 45 Resp: 3034115

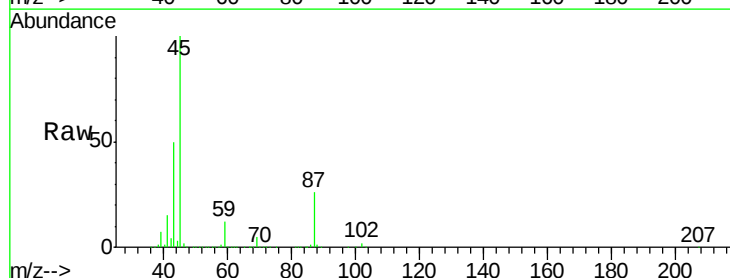
Ion Ratio Lower Upper

45 100

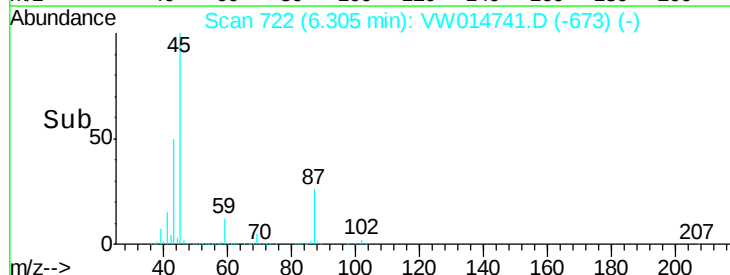
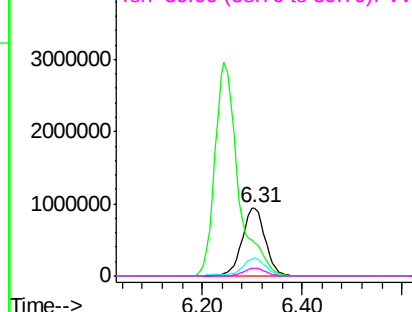
43 49.6 40.9 61.3

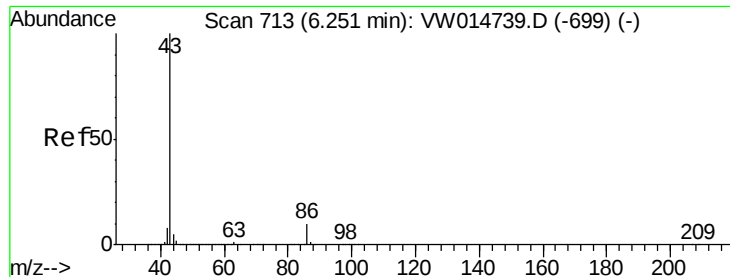
87 25.7 20.3 30.5

59 11.6 9.1 13.7



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

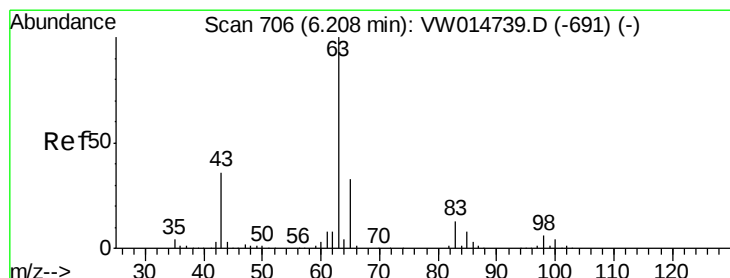
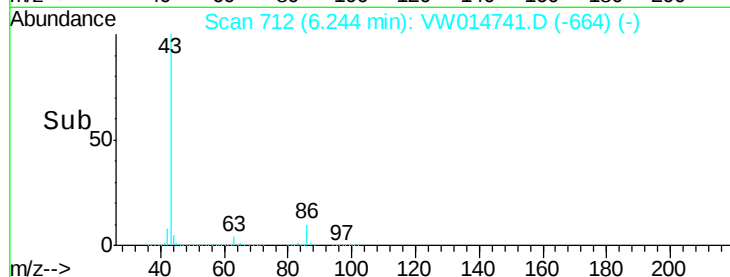
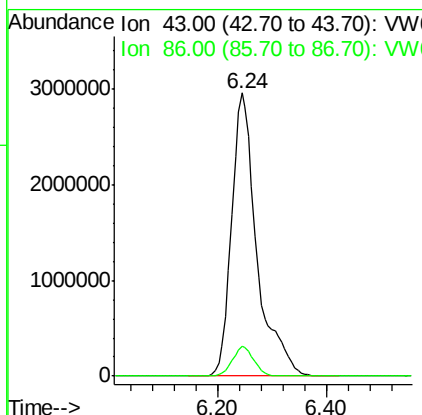
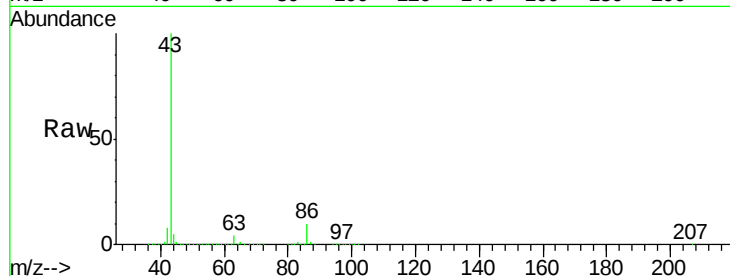




#23
 Vinyl Acetate
 Concen: 771.79 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

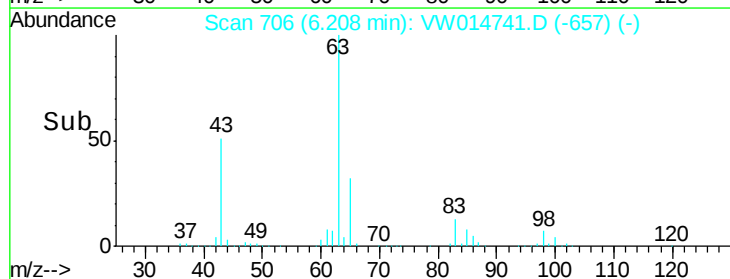
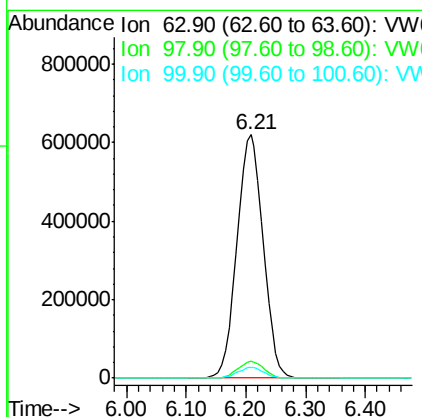
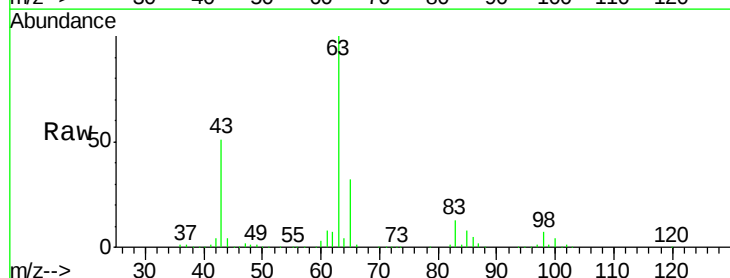
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

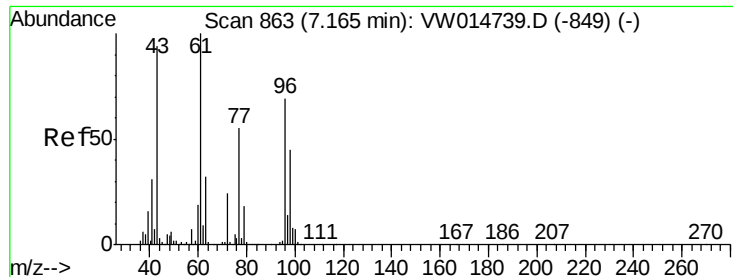
Tgt Ion: 43 Resp: 9604749
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 144.88 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 63 Resp: 1897727
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.3 2.1 6.5

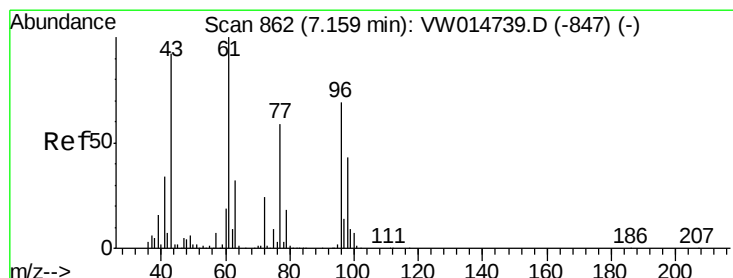
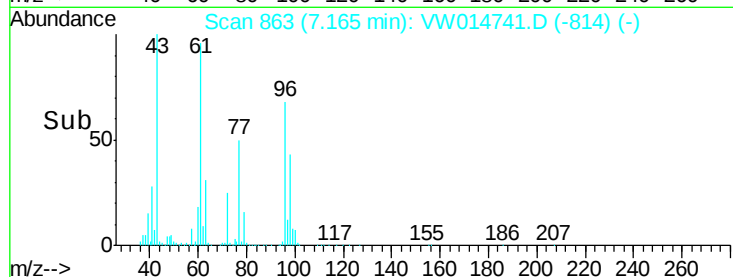
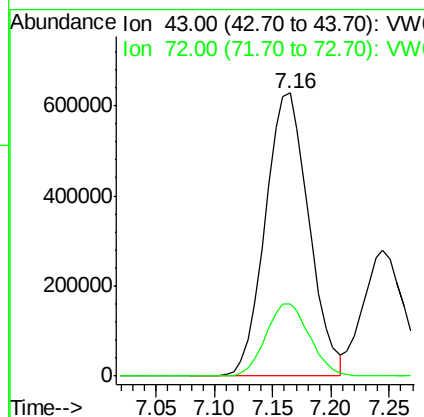
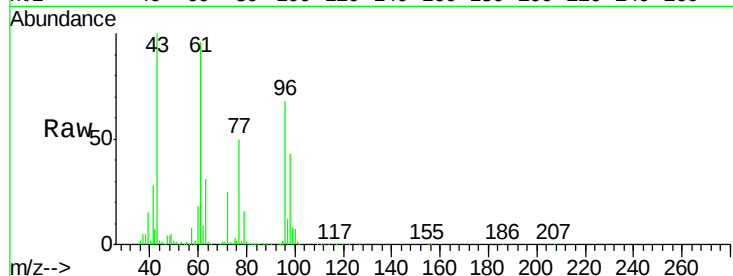




#25
2-Butanone
Concen: 729.89 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

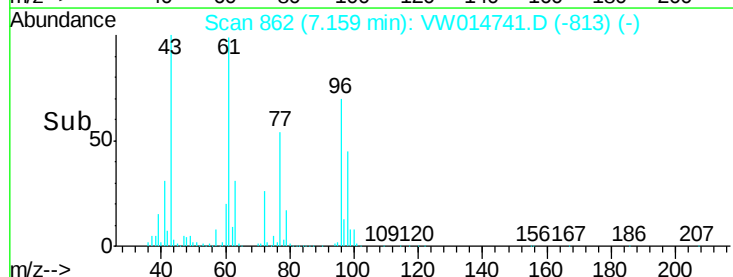
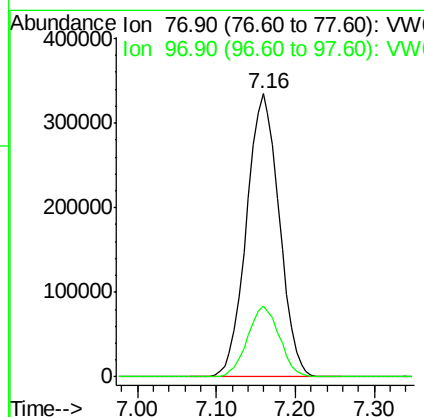
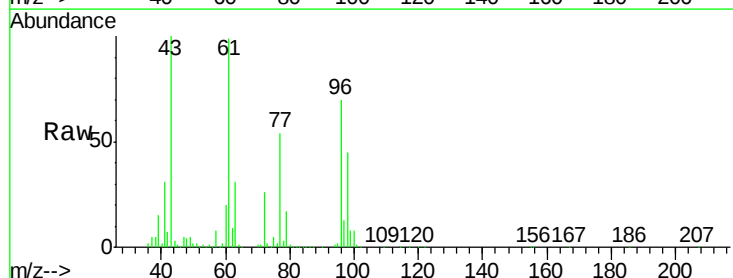
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

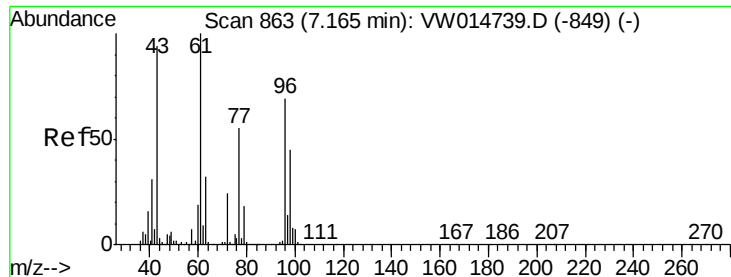
Tgt Ion: 43 Resp: 1628496
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 132.78 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 77 Resp: 963754
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 141.91 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

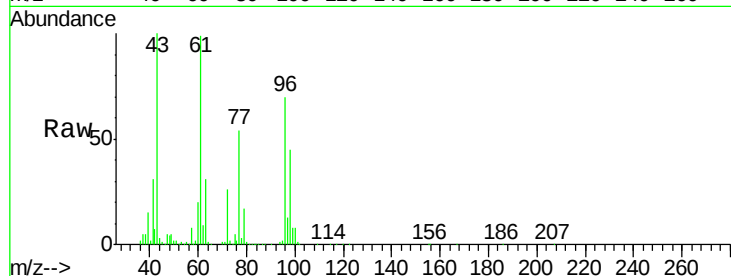
Tgt Ion: 96 Resp: 1138307

Ion Ratio Lower Upper

96 100

61 143.9 0.0 292.2

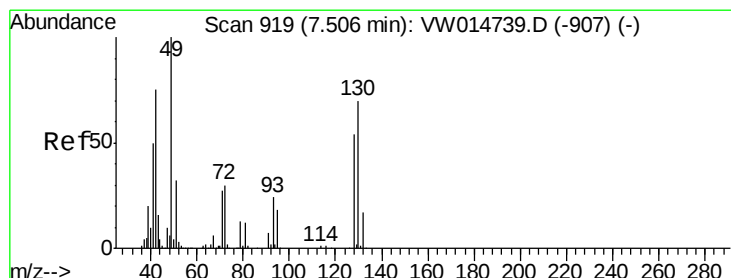
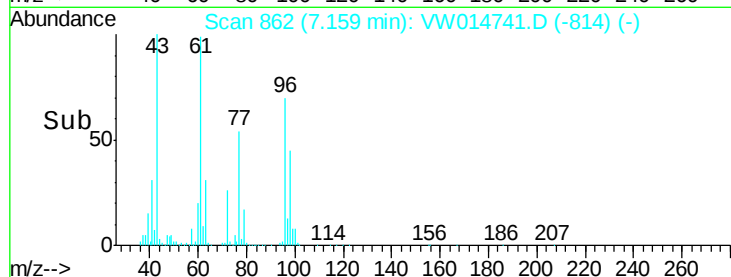
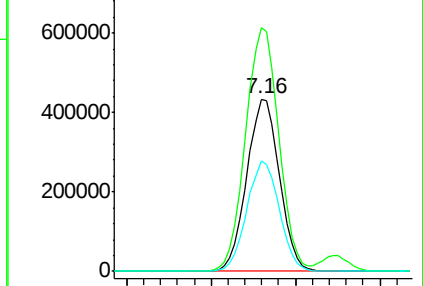
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 154.12 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

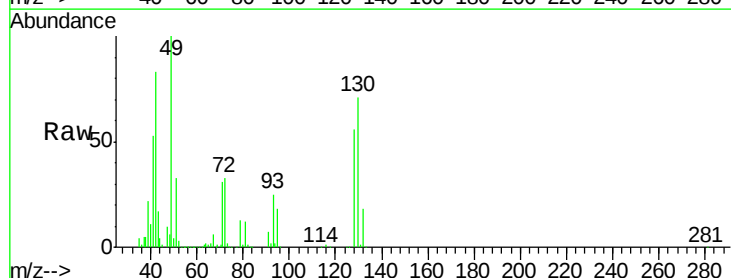
Tgt Ion: 49 Resp: 783879

Ion Ratio Lower Upper

49 100

129 0.5 0.0 2.6

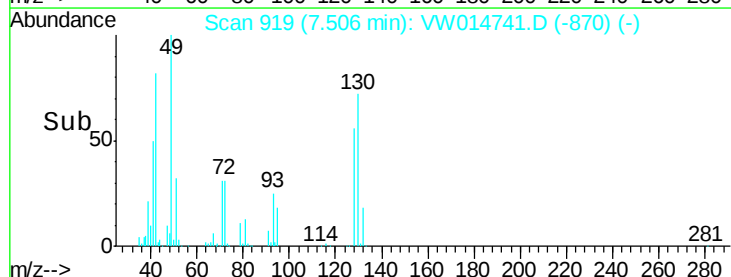
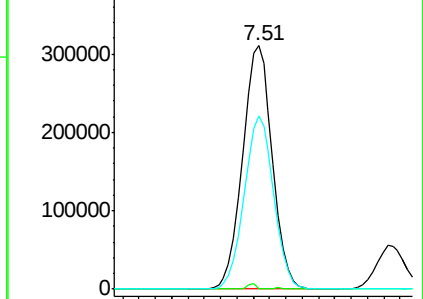
130 70.7 56.7 85.1

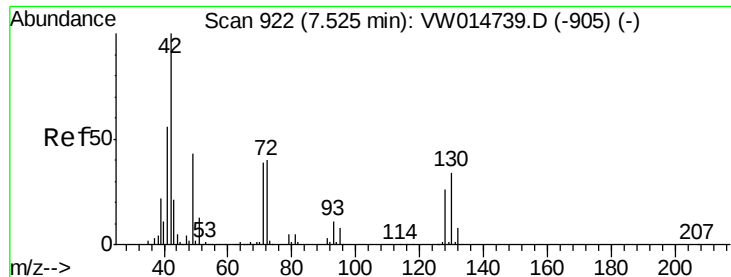


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

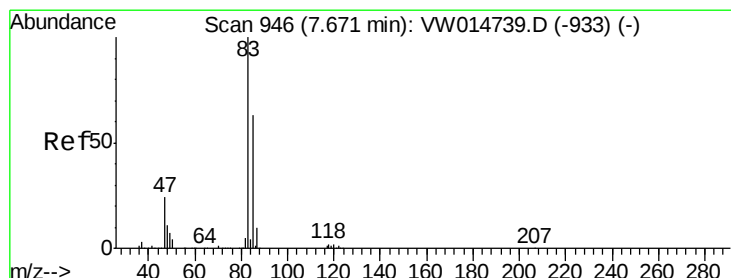
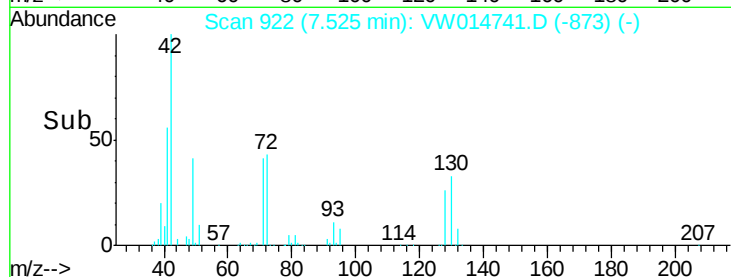
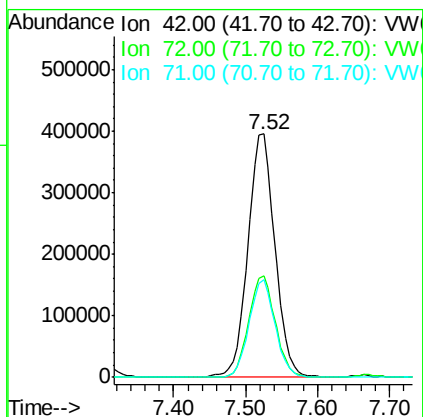
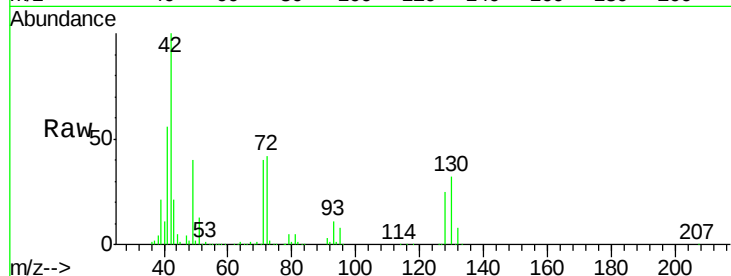




#29
Tetrahydrofuran
Concen: 742.78 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

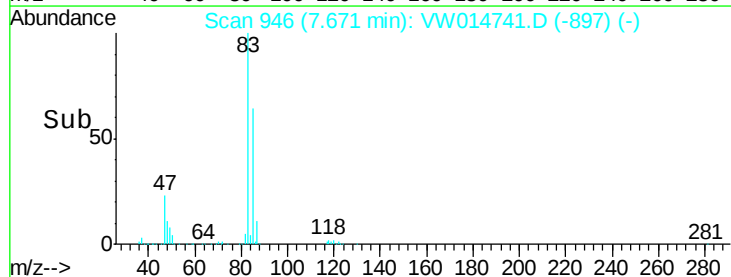
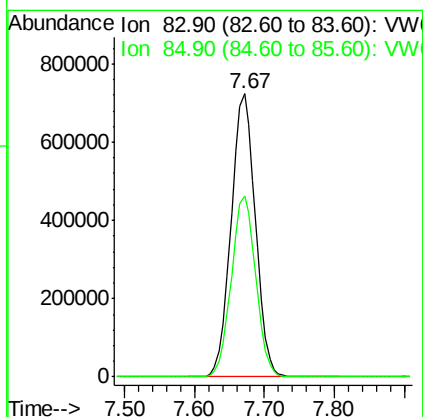
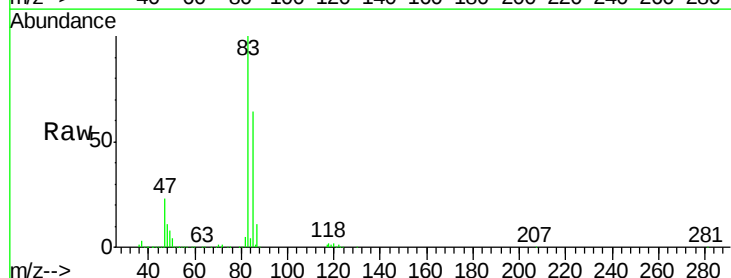
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

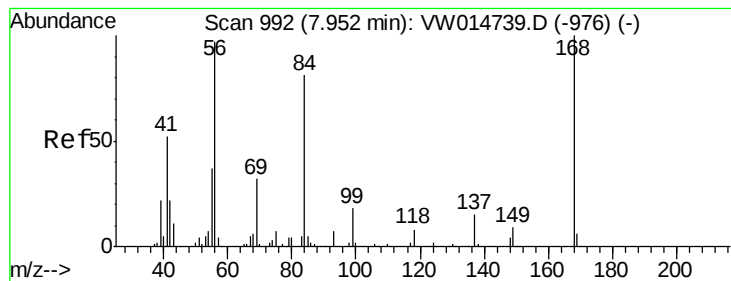
Tgt Ion: 42 Resp: 1032172
Ion Ratio Lower Upper
42 100
72 41.3 32.3 48.5
71 38.4 31.0 46.4



#30
Chloroform
Concen: 142.53 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 83 Resp: 1743187
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1





#31

Cyclohexane

Concen: 138.31 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

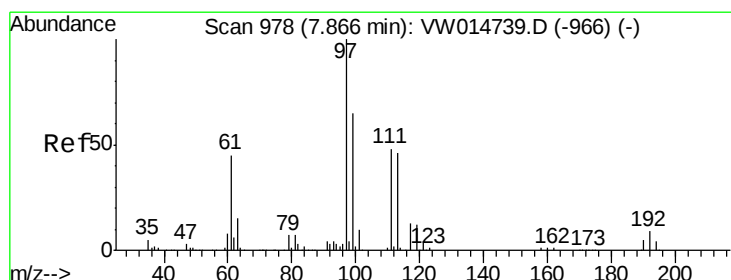
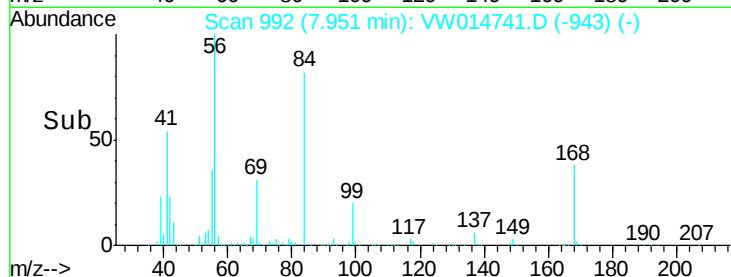
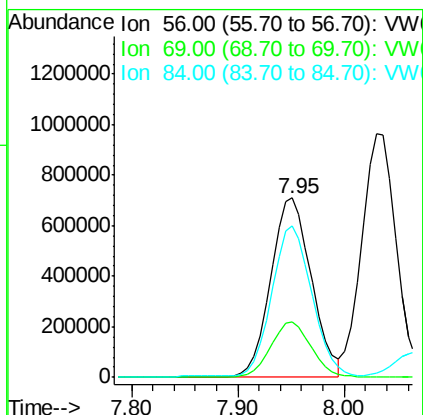
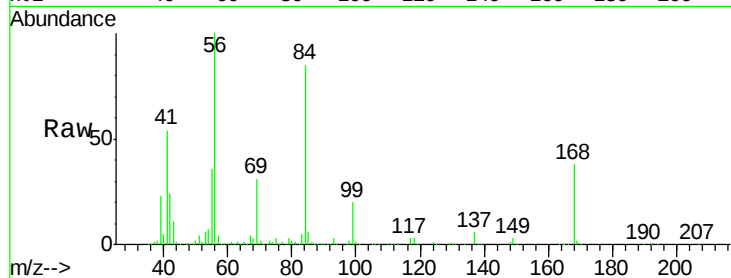
Tgt Ion: 56 Resp: 1878080

Ion Ratio Lower Upper

56 100

69 31.0 26.0 39.0

84 83.7 66.6 99.8



#32

1,1,1-Trichloroethane

Concen: 143.86 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

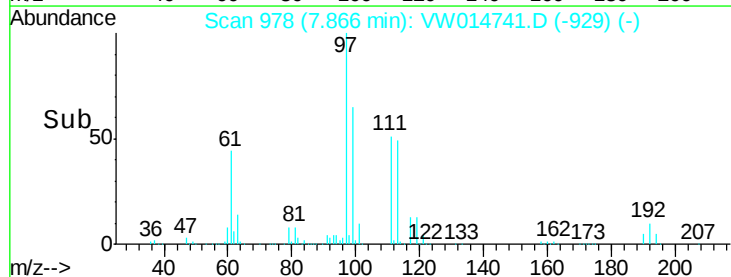
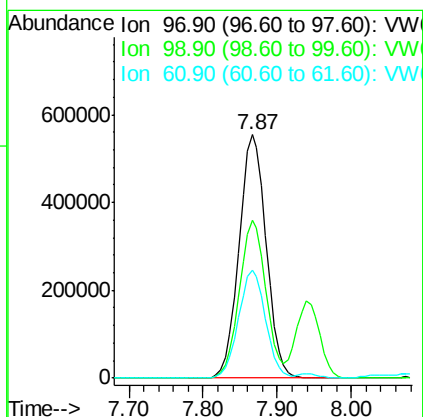
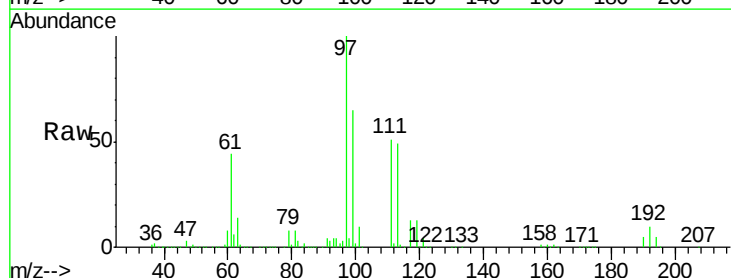
Tgt Ion: 97 Resp: 1413573

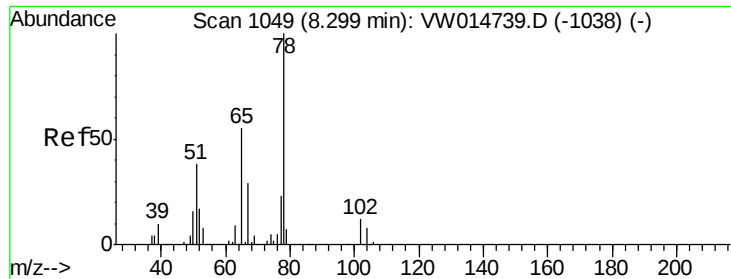
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

61 44.3 36.2 54.4

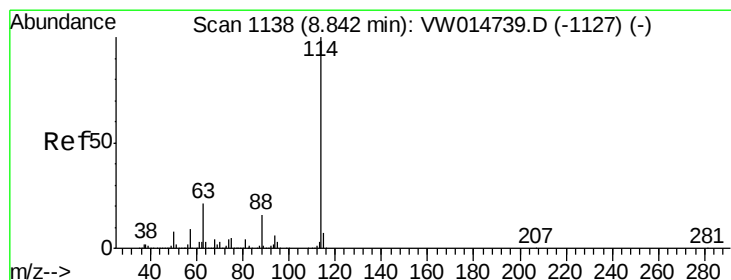
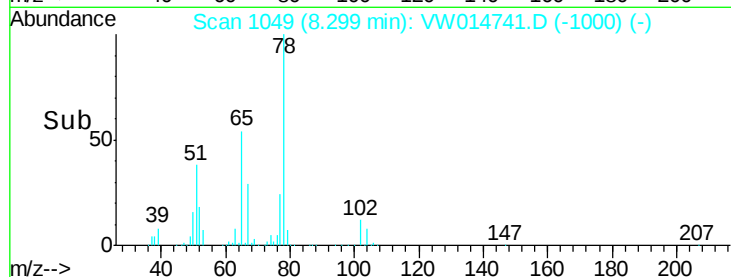
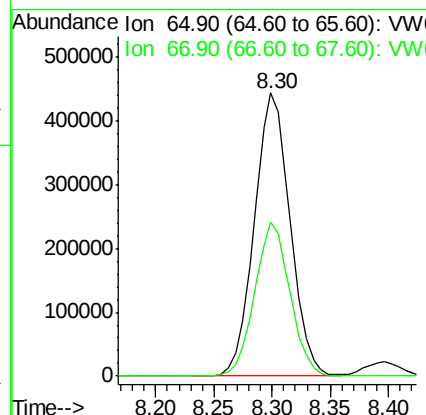
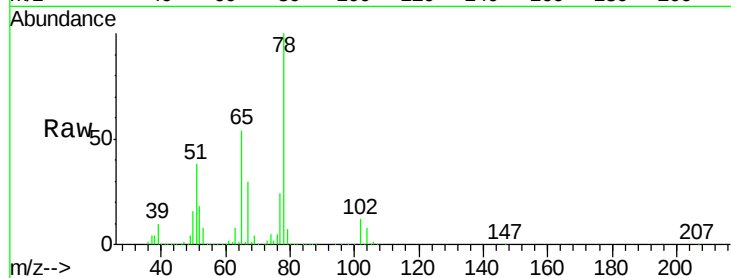




#33
 1,2-Dichloroethane-d4
 Concen: 149.10 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

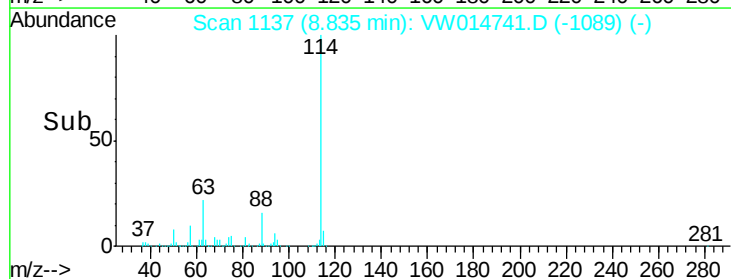
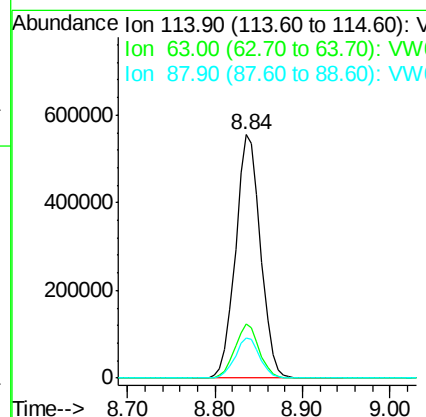
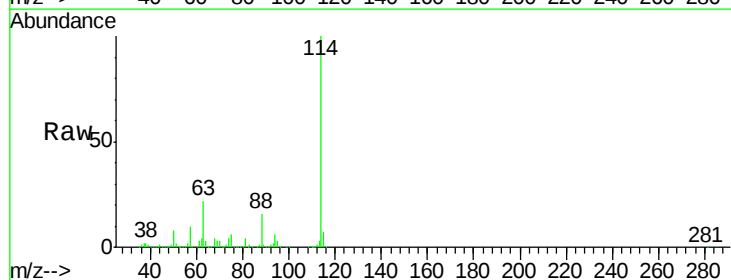
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

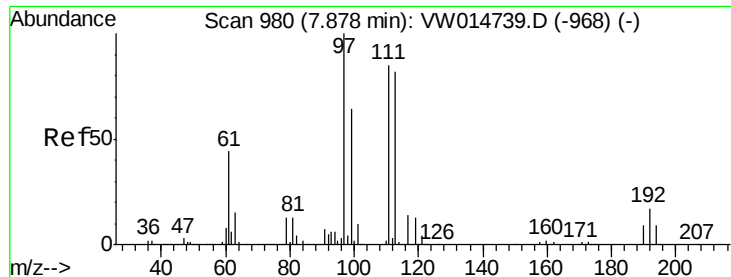
Tgt Ion: 65 Resp: 948881
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 114 Resp: 1101196
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.2
 88 16.4 0.0 32.2

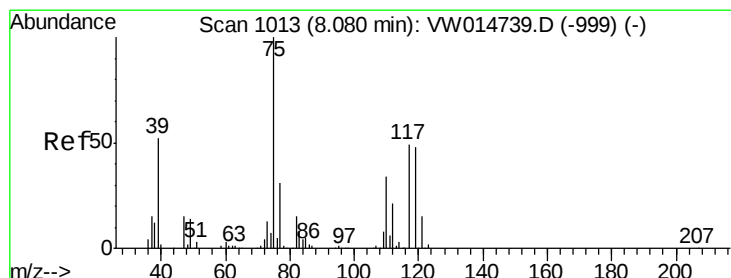
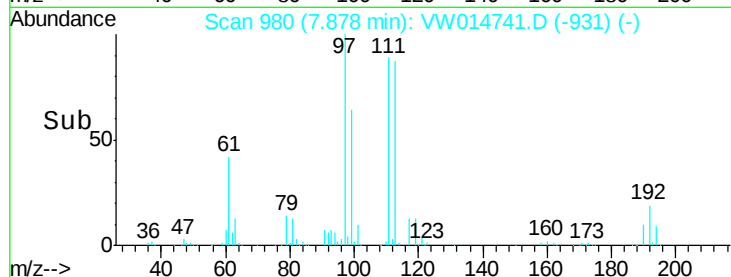
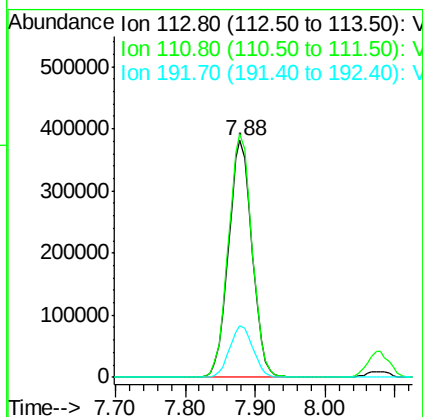
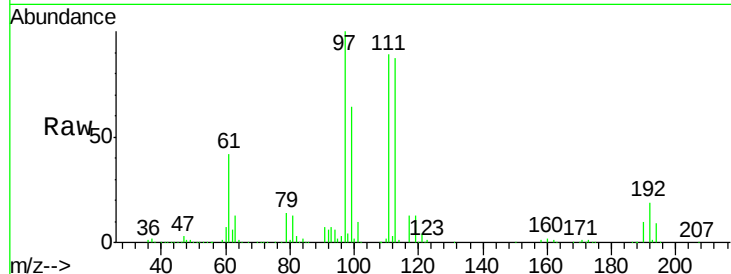




#35
 Dibromofluoromethane
 Concen: 139.75 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

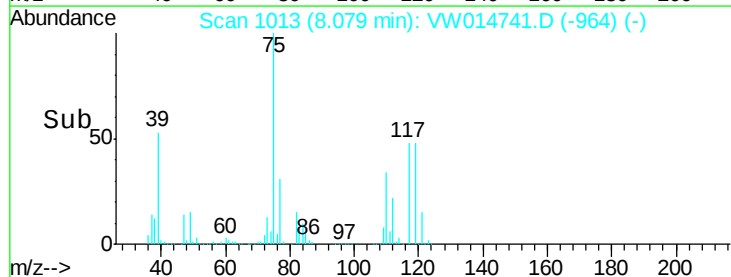
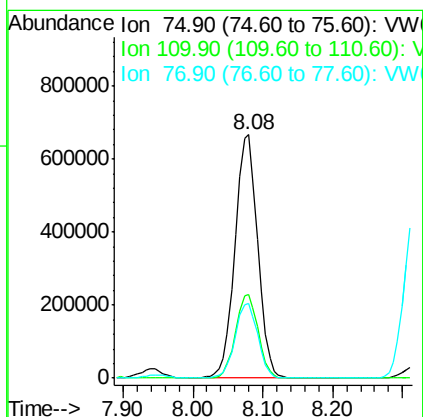
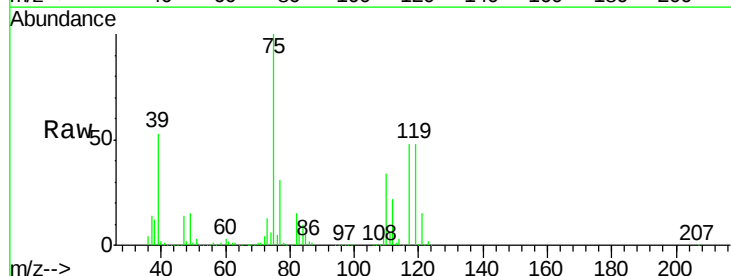
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

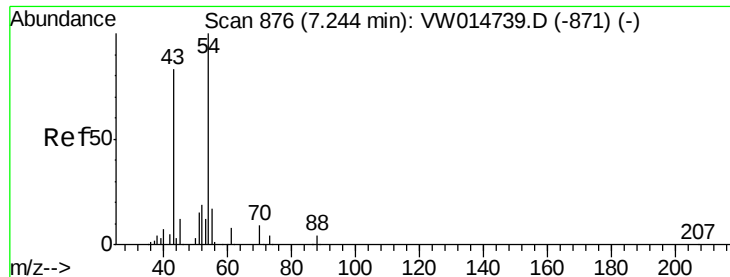
Tgt Ion:113 Resp: 887705
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 139.36 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 75 Resp: 1501496
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.1 51.2
 77 30.9 24.8 37.2

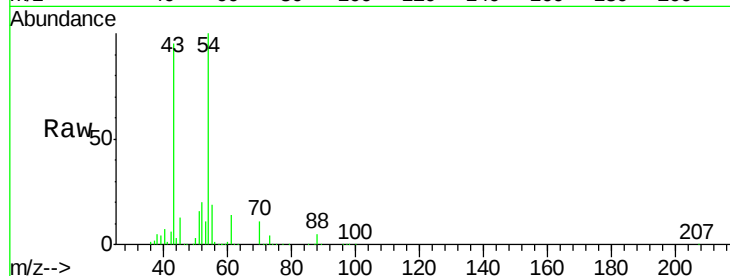




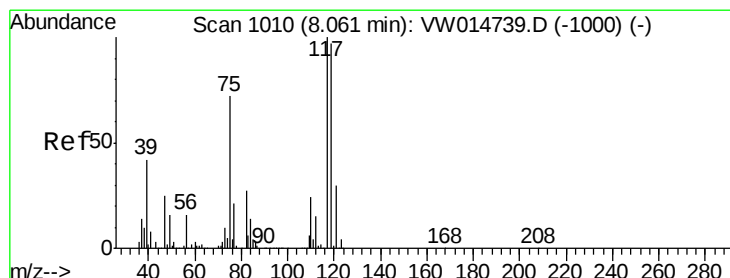
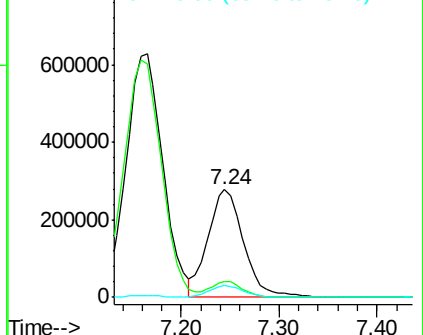
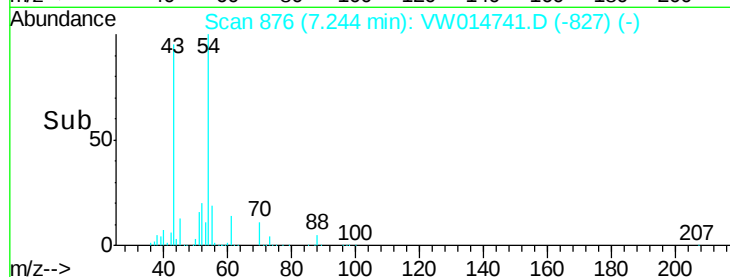
#37
Ethyl Acetate
Concen: 146.67 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 698825
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.6 8.5 12.7

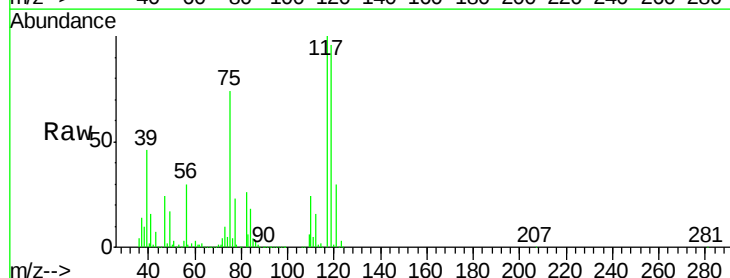


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

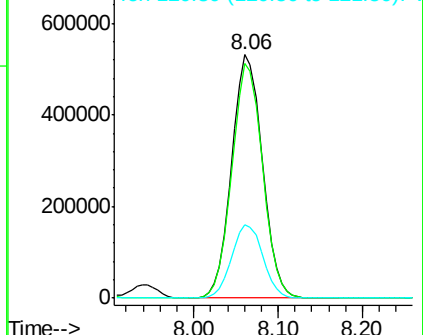
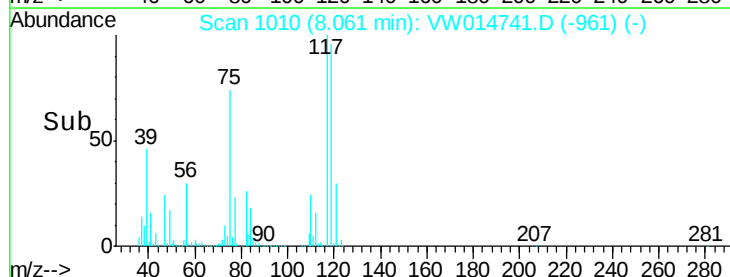


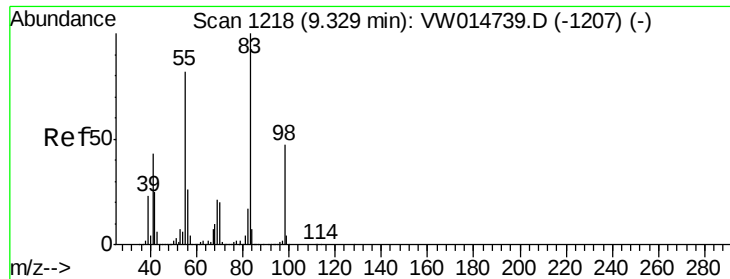
#38
Carbon Tetrachloride
Concen: 140.44 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 117 Resp: 1311653
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 30.3 24.3 36.5



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

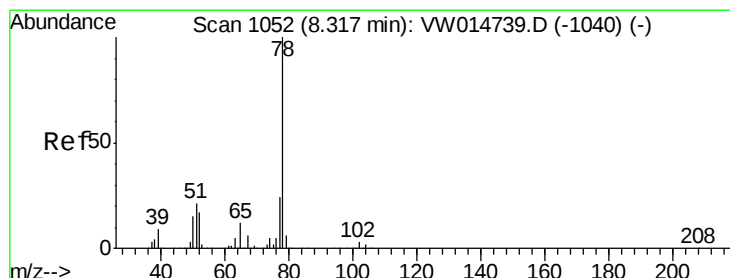
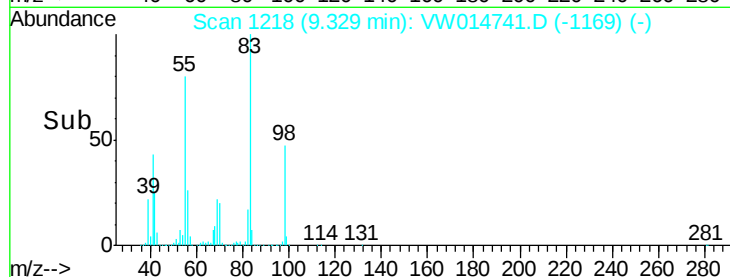
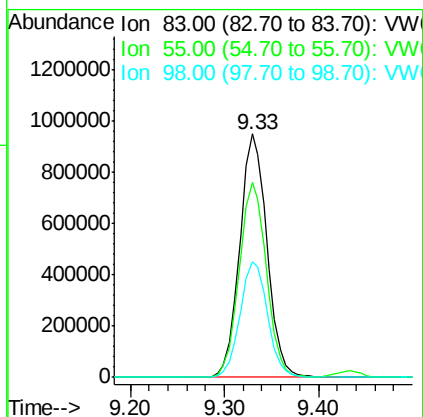
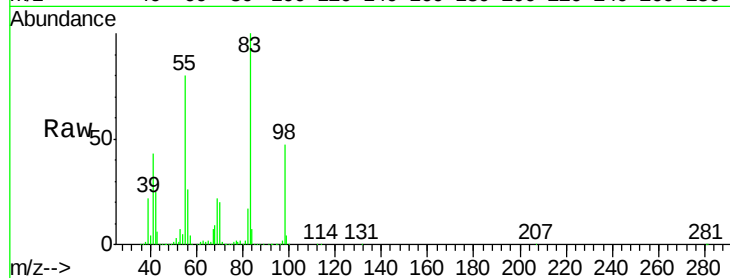




#39
Methylcyclohexane
Concen: 140.06 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

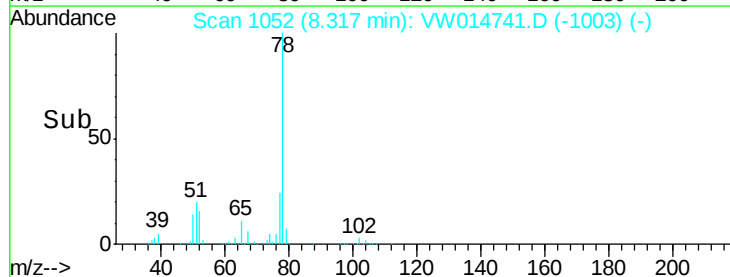
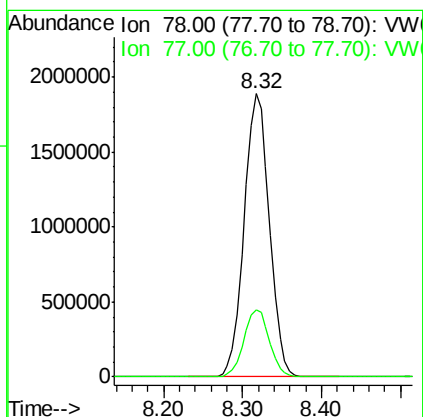
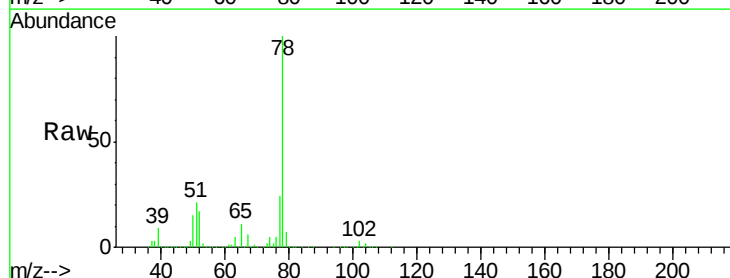
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

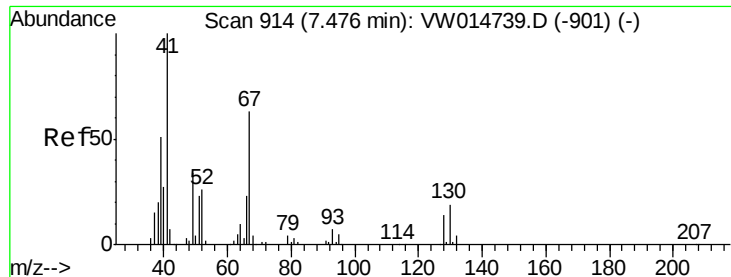
Tgt Ion: 83 Resp: 1920914
Ion Ratio Lower Upper
83 100
55 80.1 65.2 97.8
98 47.5 37.6 56.4



#40
Benzene
Concen: 137.45 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 78 Resp: 4187067
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 155.64 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 416040

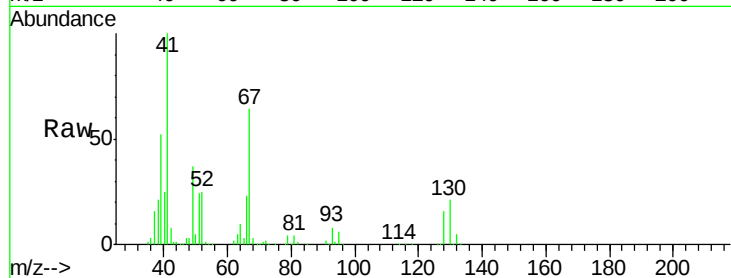
Ion Ratio Lower Upper

41 100

39 55.7 45.3 67.9

67 68.5 57.0 85.4

52 27.6 23.0 34.6

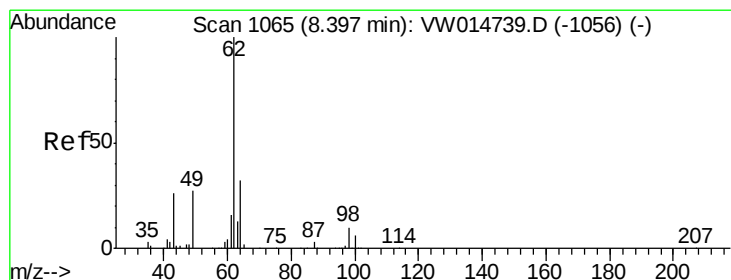
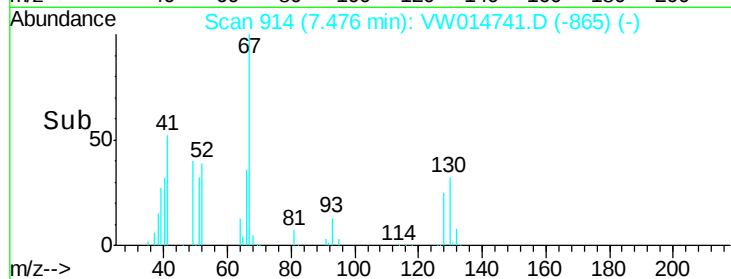
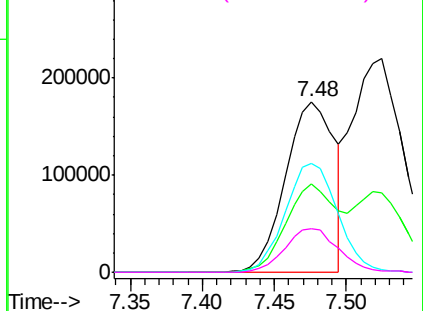


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 141.94 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014741.D

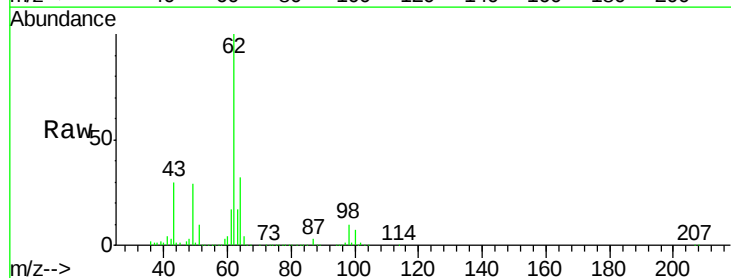
Acq: 24 Jan 2020 12:44

Tgt Ion: 62 Resp: 1125624

Ion Ratio Lower Upper

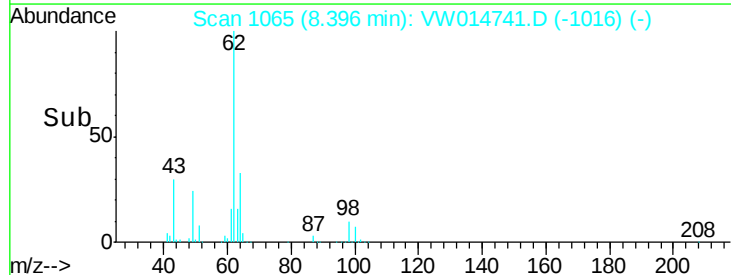
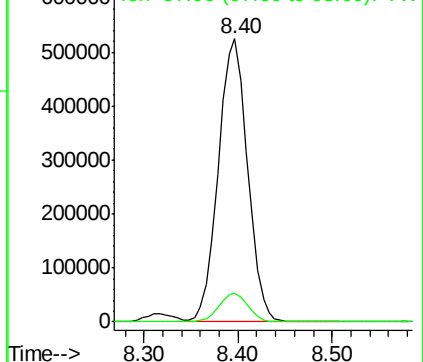
62 100

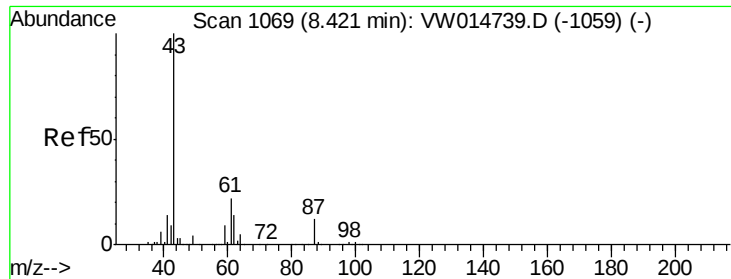
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 151.06 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

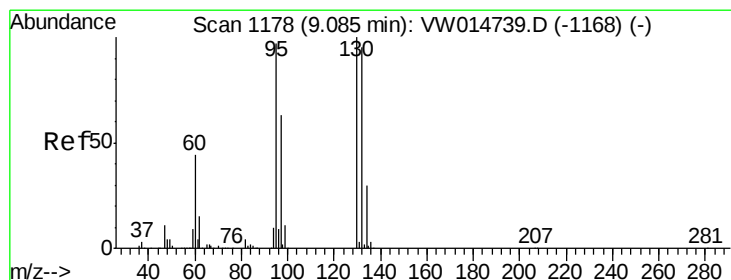
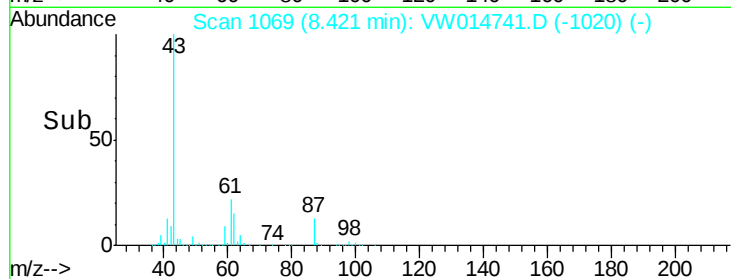
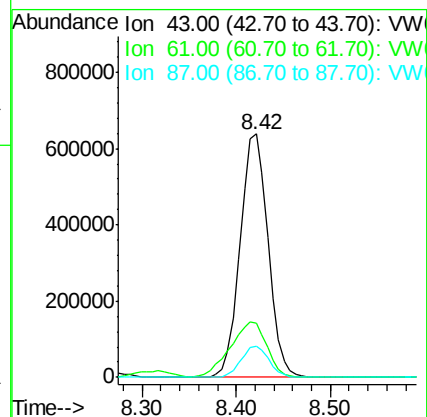
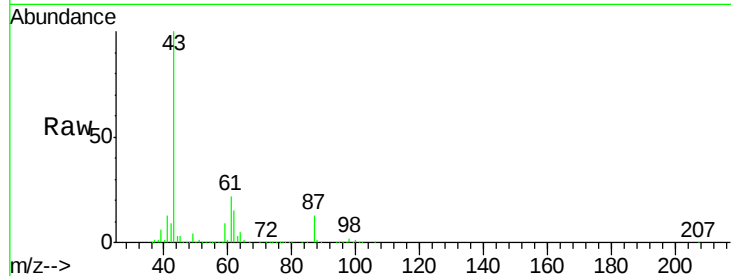
Tgt Ion: 43 Resp: 1316778

Ion Ratio Lower Upper

43 100

61 29.8 24.4 36.6

87 12.8 9.8 14.6



#44

Trichloroethene

Concen: 135.18 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014741.D

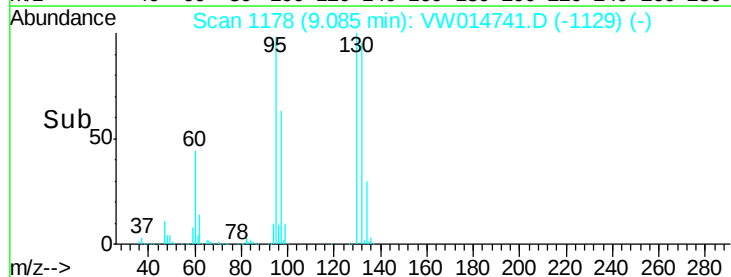
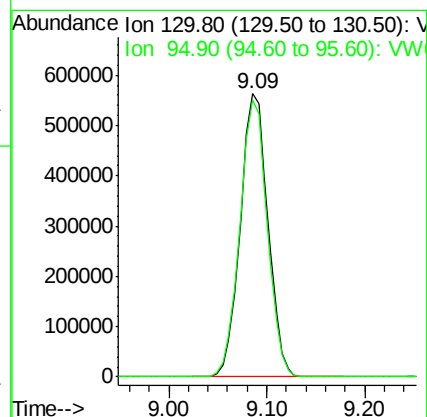
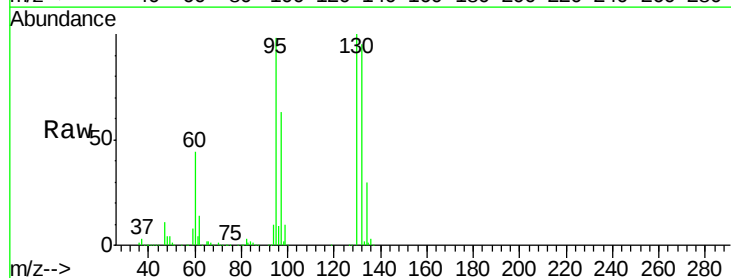
Acq: 24 Jan 2020 12:44

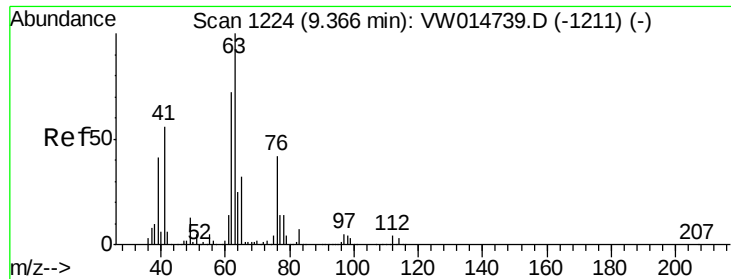
Tgt Ion: 130 Resp: 1104621

Ion Ratio Lower Upper

130 100

95 97.7 0.0 193.2

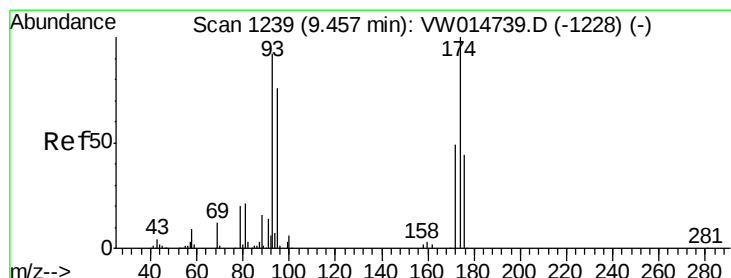
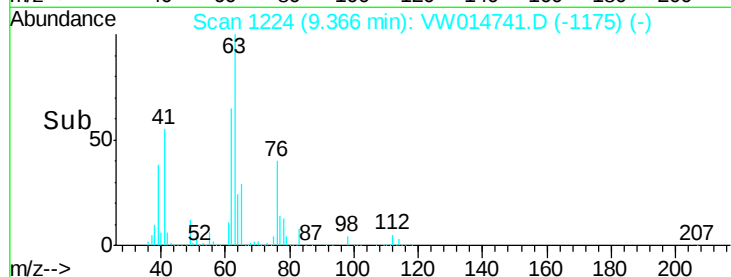
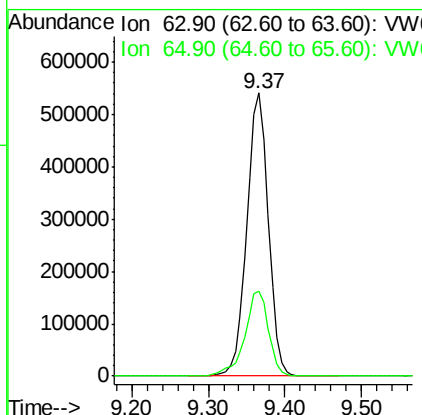
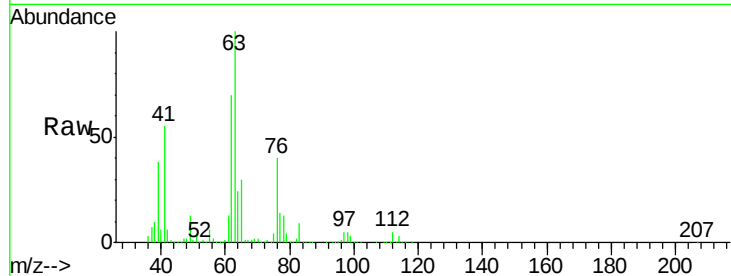




#45
1,2-Dichloropropane
Concen: 141.25 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

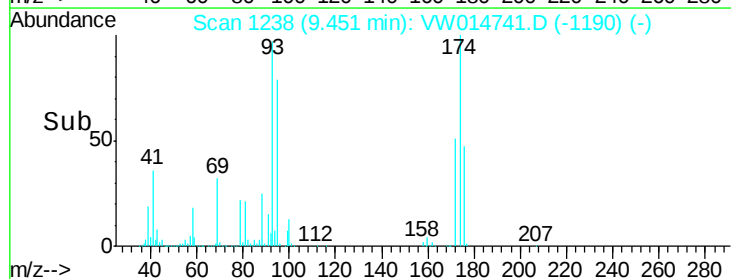
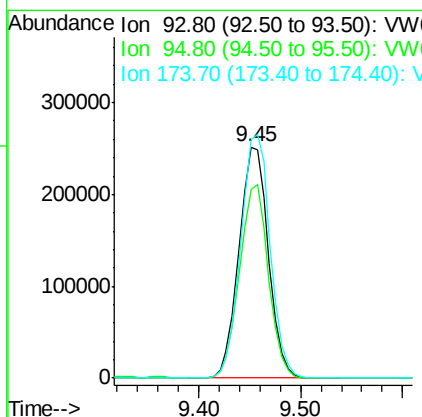
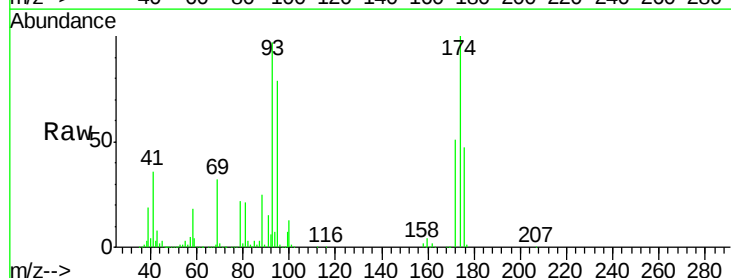
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

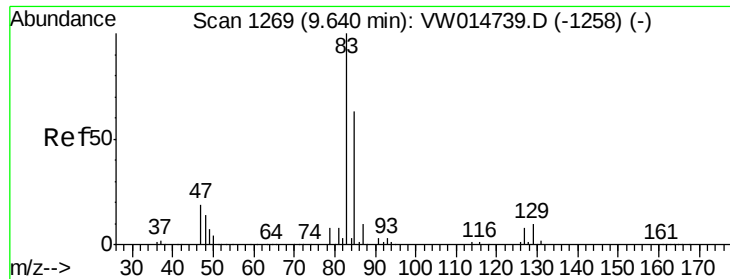
Tgt Ion: 63 Resp: 1056899
Ion Ratio Lower Upper
63 100
65 29.9 25.3 37.9



#46
Dibromomethane
Concen: 137.94 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 93 Resp: 502024
Ion Ratio Lower Upper
93 100
95 82.4 65.4 98.2
174 106.0 84.2 126.2





#47

Bromodichloromethane

Concen: 143.88 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

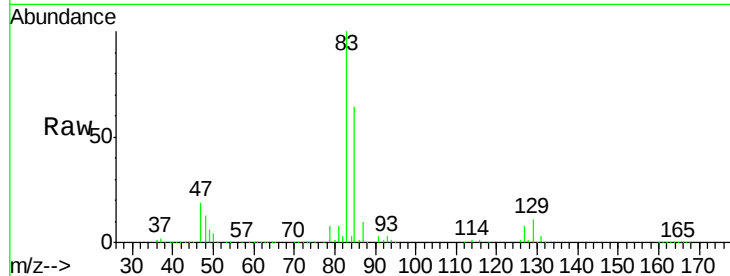
Tgt Ion: 83 Resp: 1310824

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

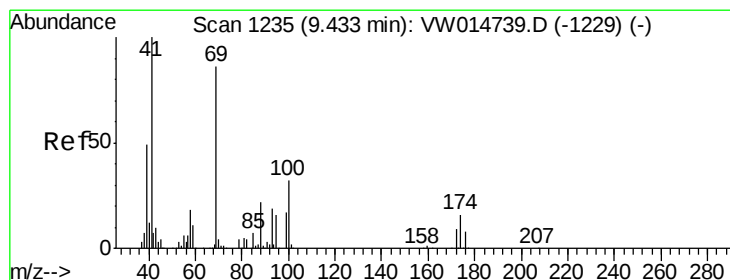
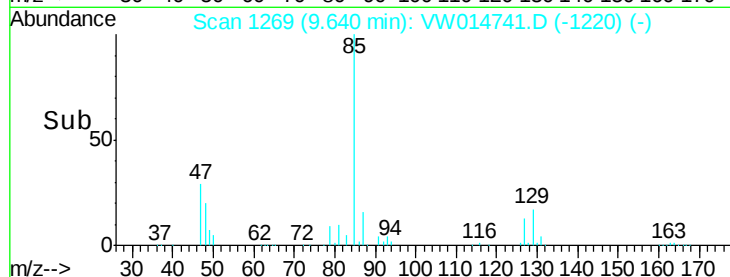
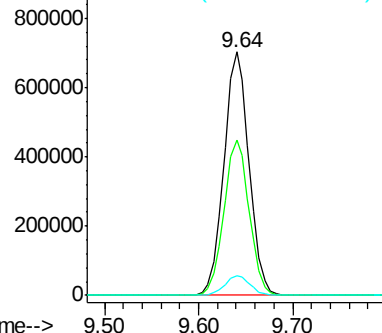
127 8.3 6.5 9.7



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: 158.83 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

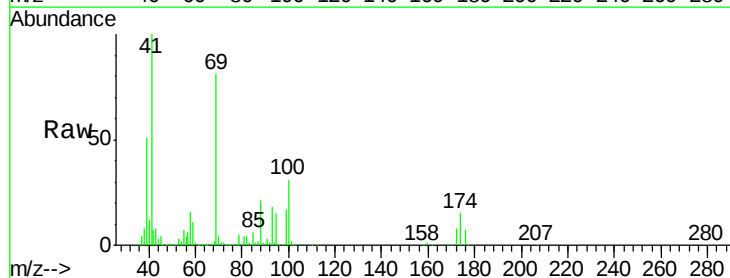
Tgt Ion: 41 Resp: 668977

Ion Ratio Lower Upper

41 100

69 81.0 69.6 104.4

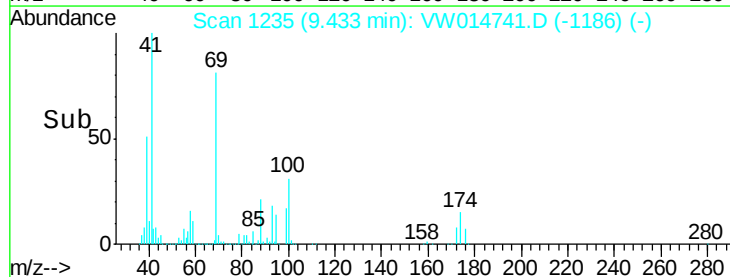
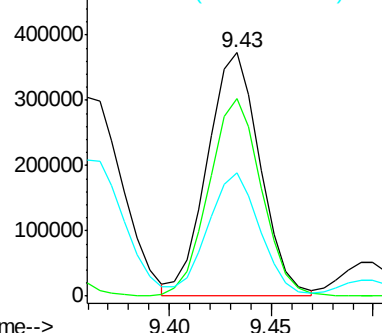
39 47.3 40.2 60.4

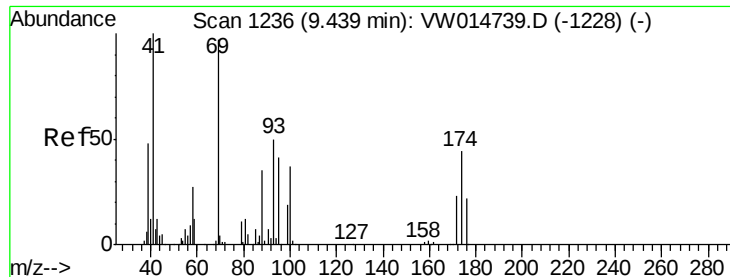


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

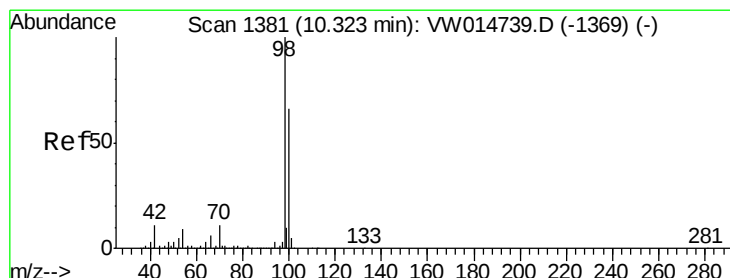
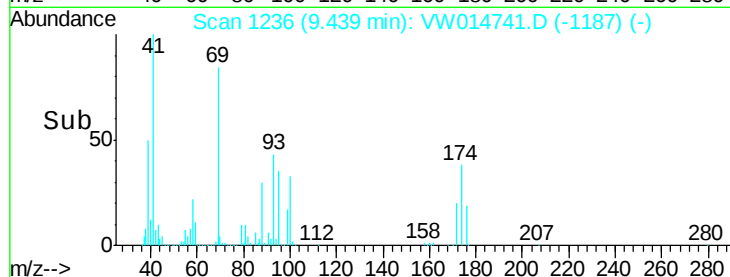
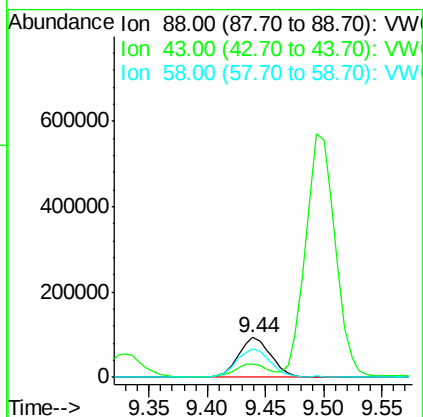
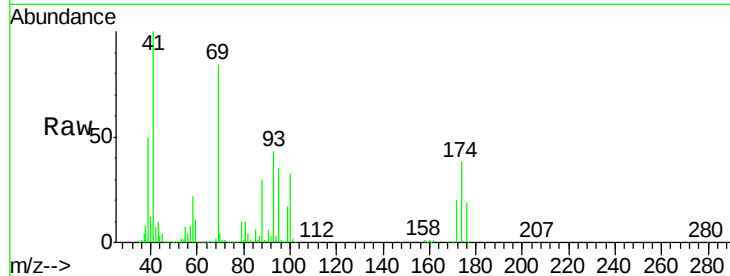




#49
1,4-Dioxane
Concen: 2718.53 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

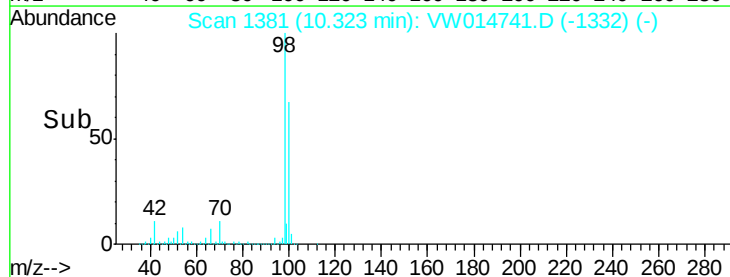
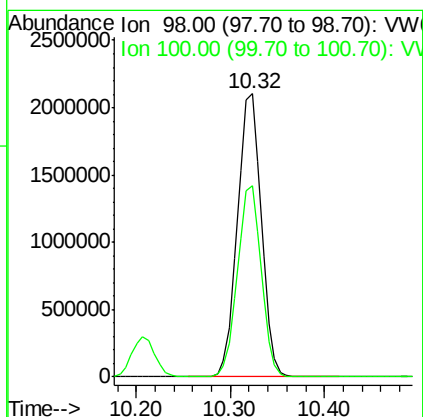
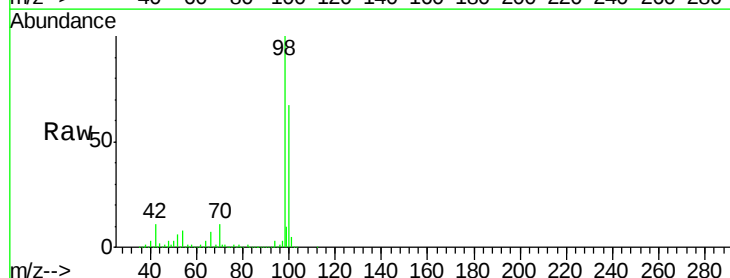
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

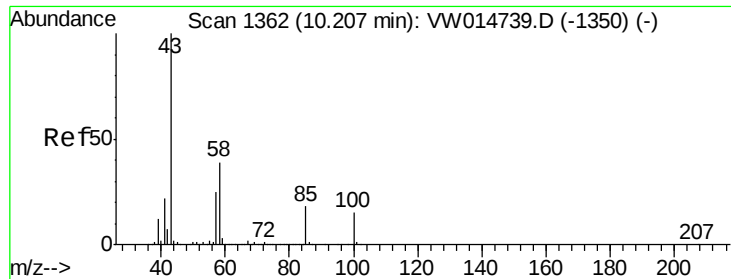
Tgt Ion: 88 Resp: 181216
Ion Ratio Lower Upper
88 100
43 33.0 27.1 40.7
58 75.1 58.7 88.1



#50
Toluene-d8
Concen: 140.26 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 98 Resp: 3726601
Ion Ratio Lower Upper
98 100
100 66.9 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 746.77 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

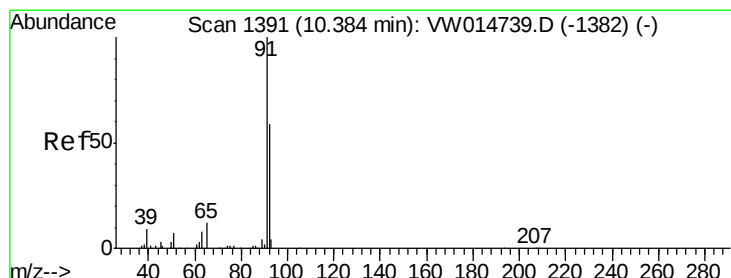
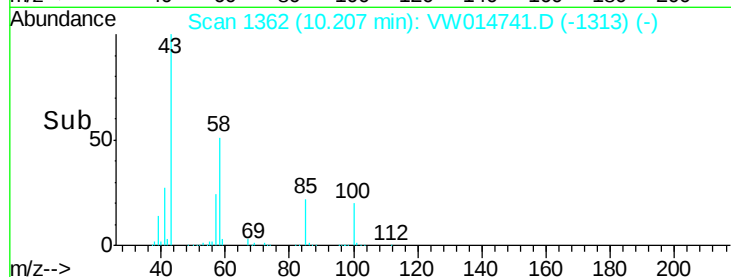
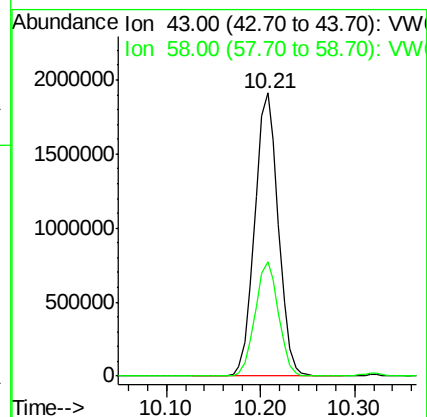
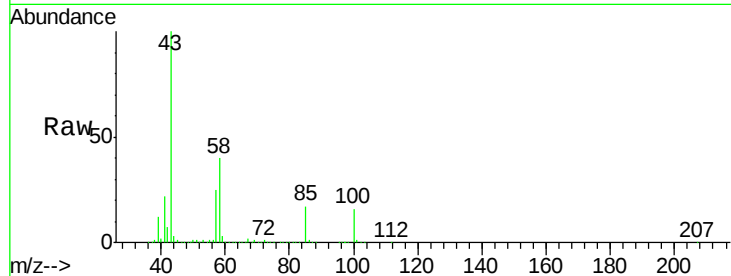
VSTDIC150

Tgt Ion: 43 Resp: 3364883

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0



#52

Toluene

Concen: 137.32 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014741.D

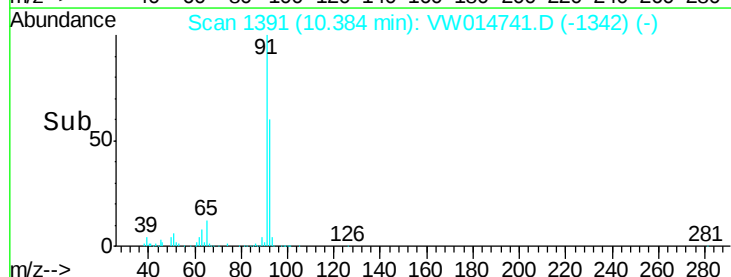
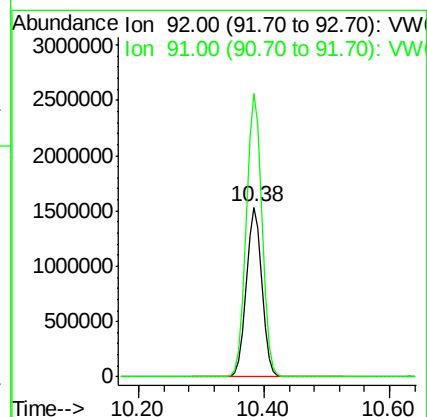
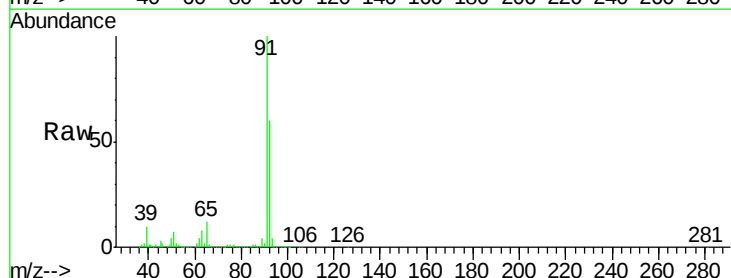
Acq: 24 Jan 2020 12:44

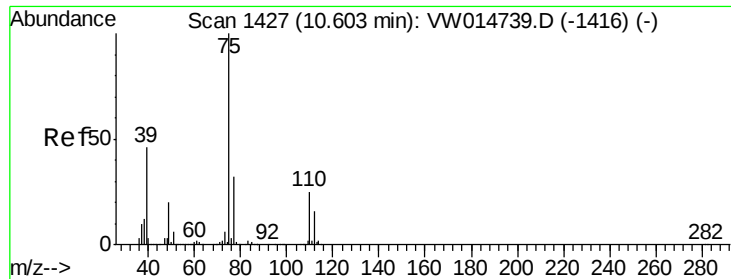
Tgt Ion: 92 Resp: 2616089

Ion Ratio Lower Upper

92 100

91 169.2 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 149.72 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

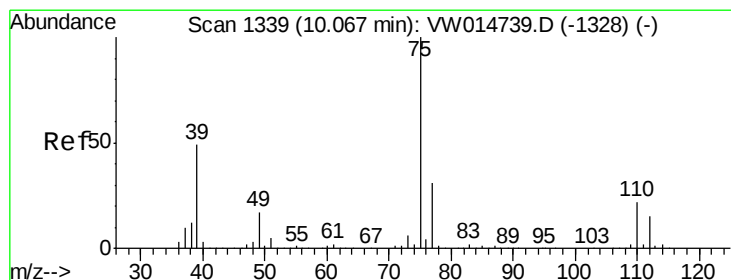
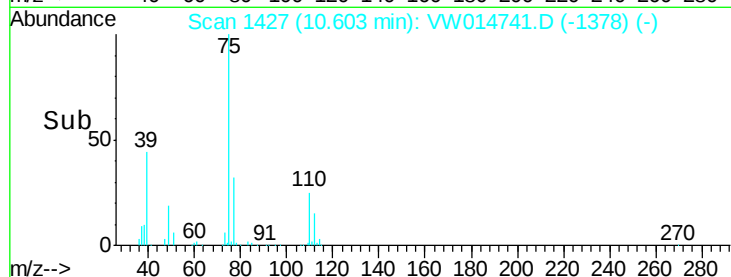
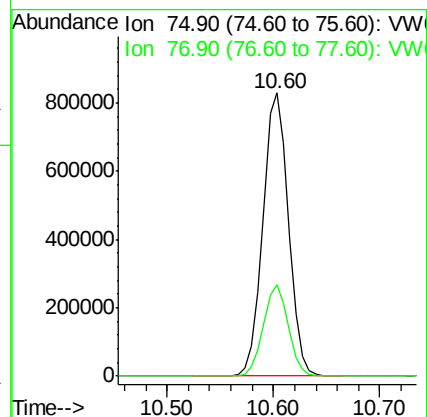
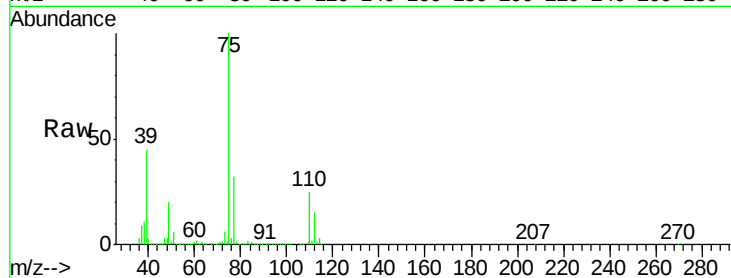
VSTDIC150

Tgt Ion: 75 Resp: 1396929

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 146.97 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

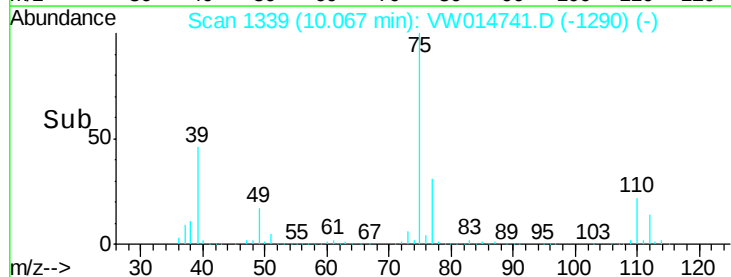
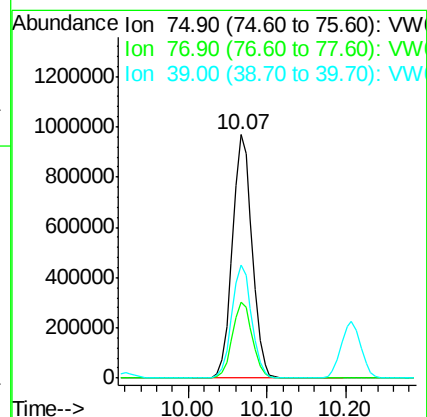
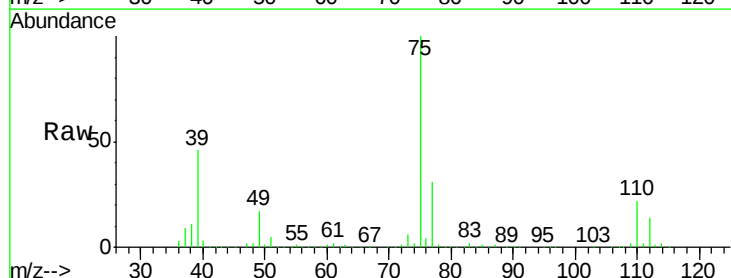
Tgt Ion: 75 Resp: 1682927

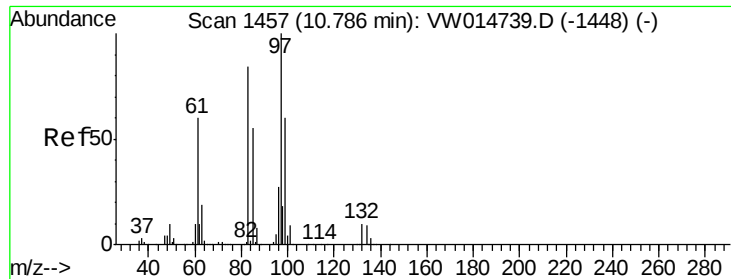
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 46.3 39.0 58.6

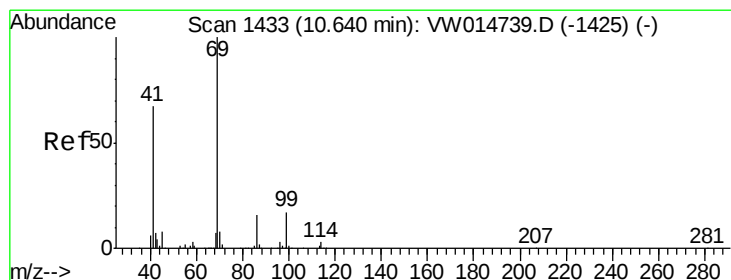
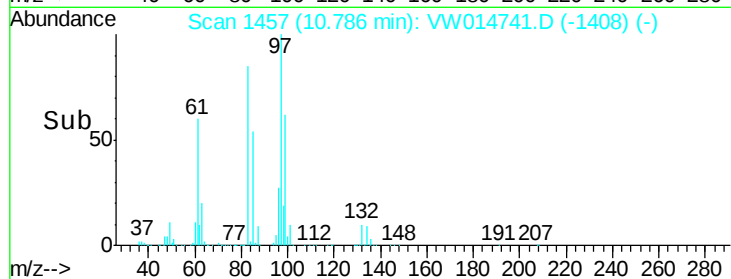
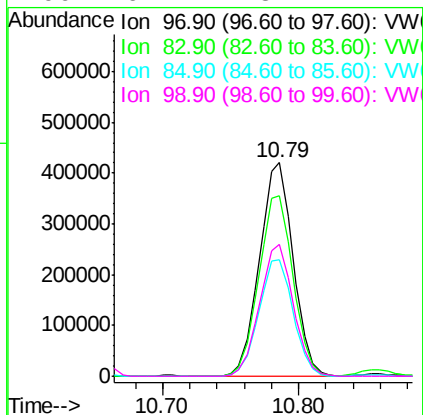
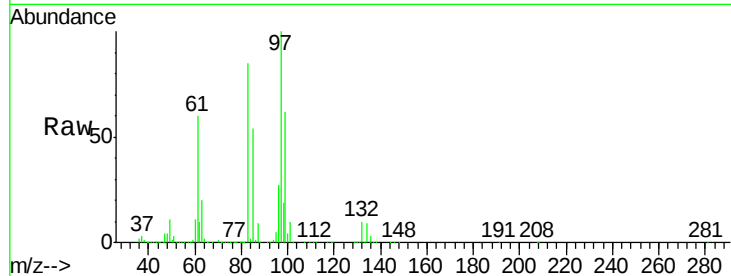




#55
 1,1,2-Trichloroethane
 Concen: 138.23 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

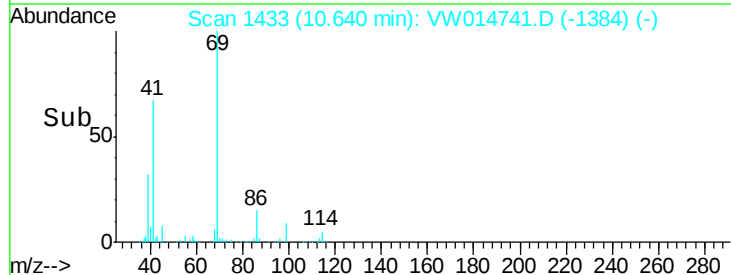
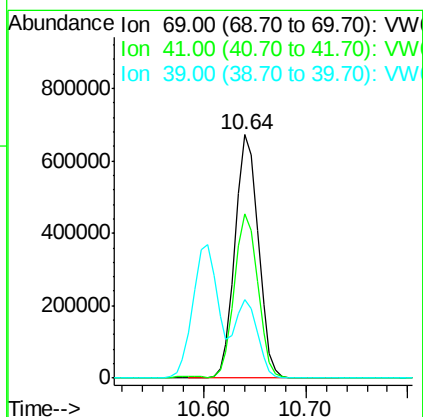
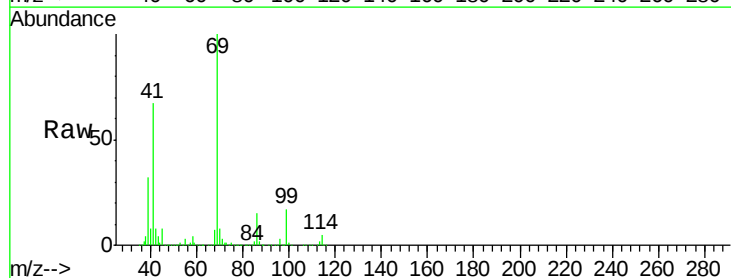
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

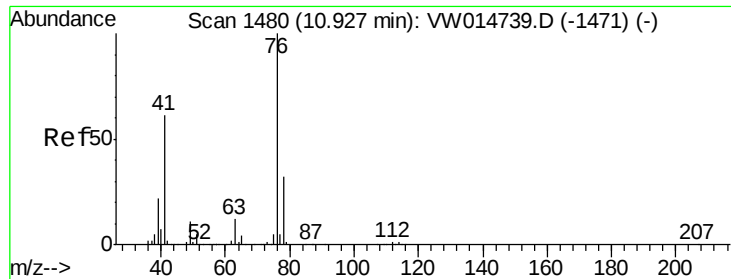
Tgt Ion:	97	Resp:	732385
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.1	100.7
85	54.5	44.2	66.2
99	61.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 154.75 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion:	69	Resp:	1060096
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.4	81.6
39	31.6	22.4	33.6





#57

1,3-Dichloropropane

Concen: 141.95 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

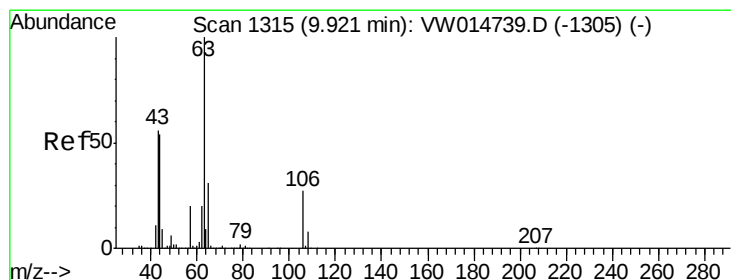
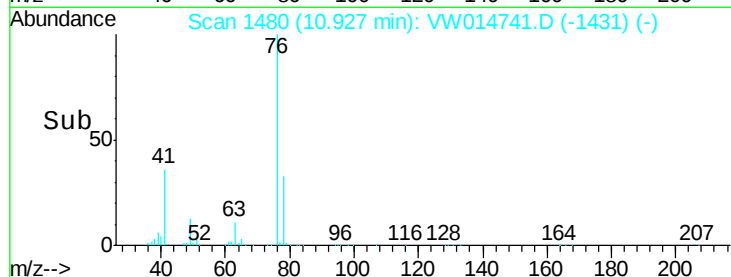
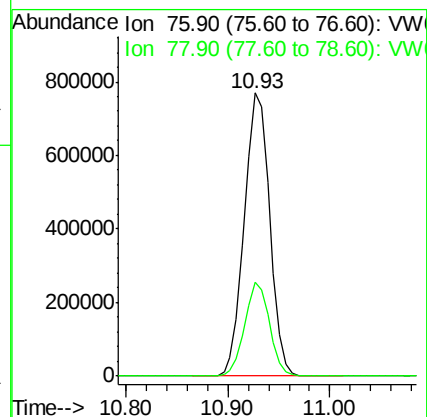
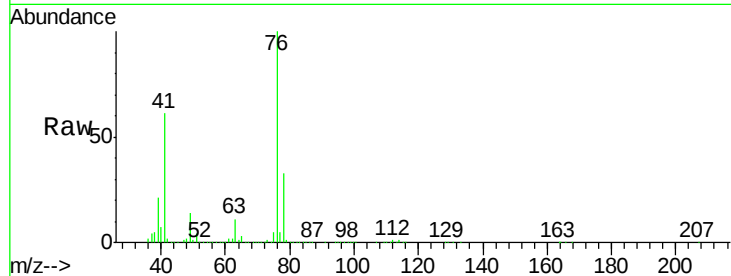
VSTDIC150

Tgt Ion: 76 Resp: 1330718

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 836.86 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014741.D

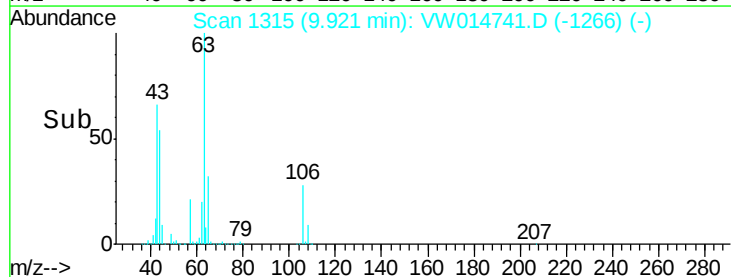
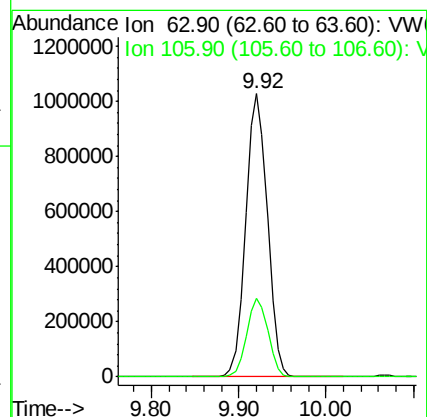
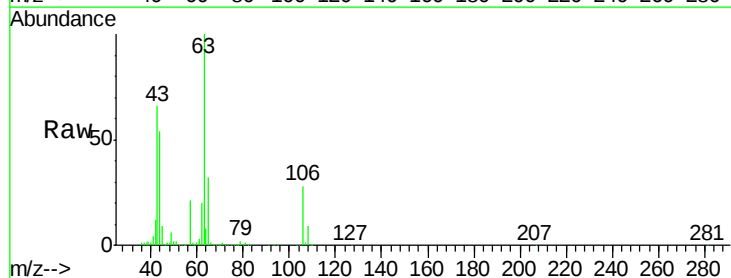
Acq: 24 Jan 2020 12:44

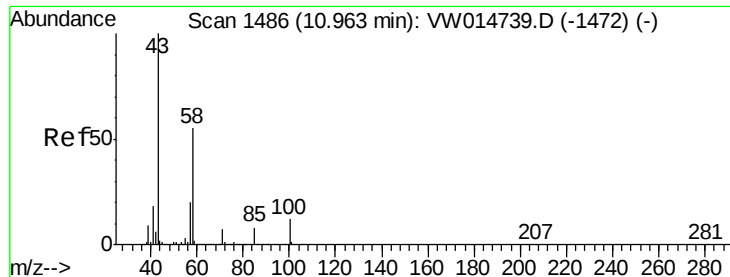
Tgt Ion: 63 Resp: 1758175

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

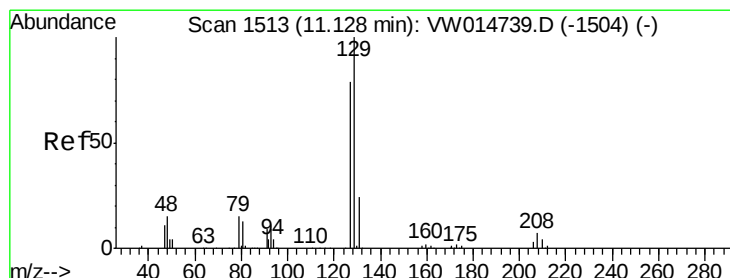
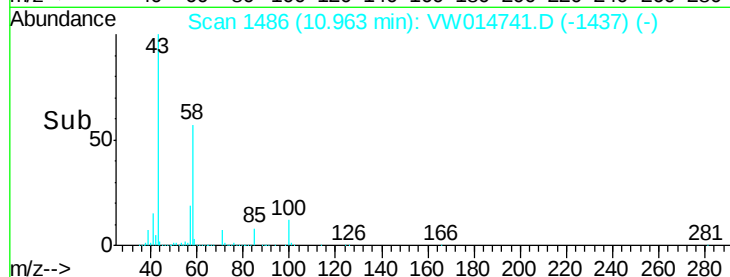
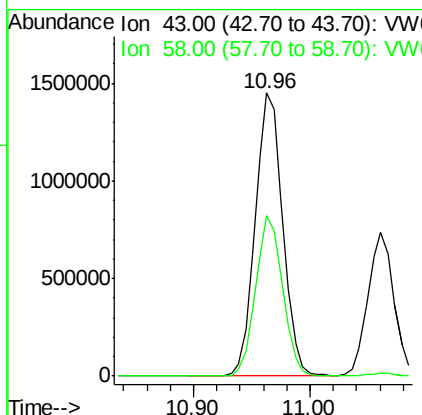
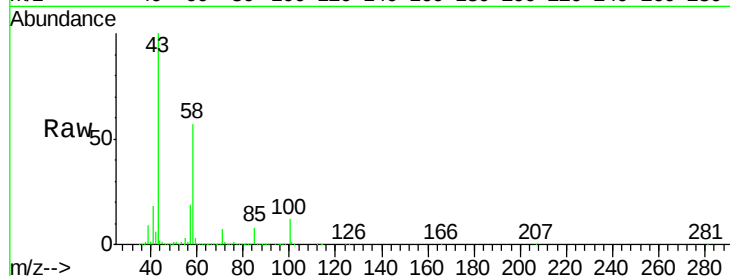




#59
2-Hexanone
Concen: 771.01 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

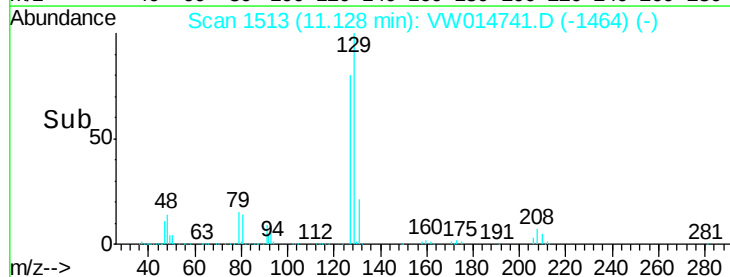
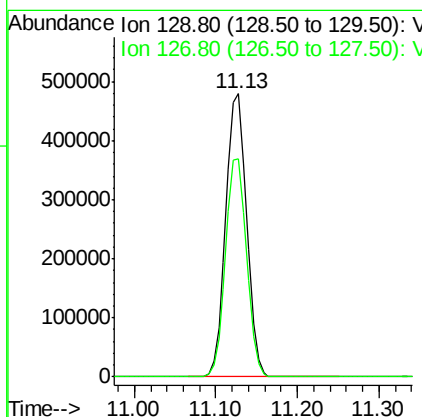
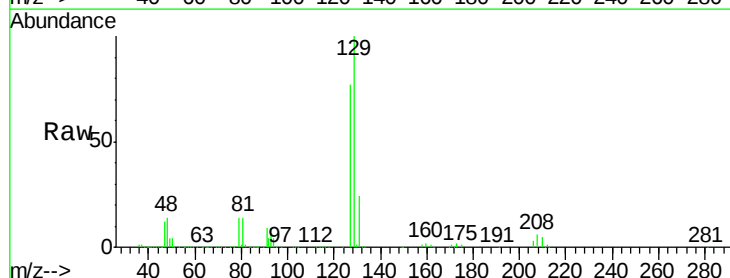
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

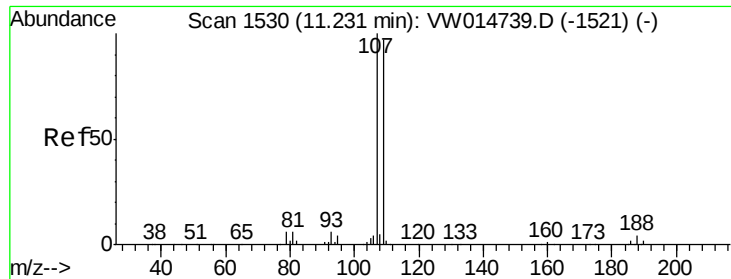
Tgt Ion: 43 Resp: 2379223
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 141.70 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 129 Resp: 847018
Ion Ratio Lower Upper
129 100
127 77.6 39.9 119.6

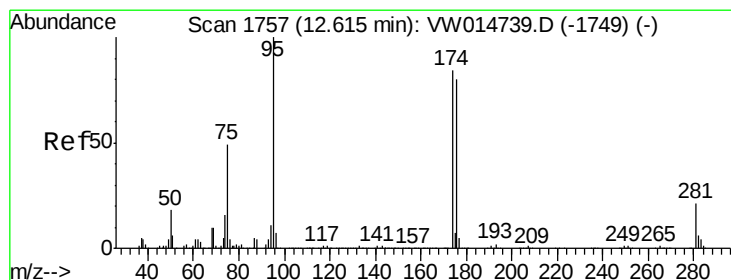
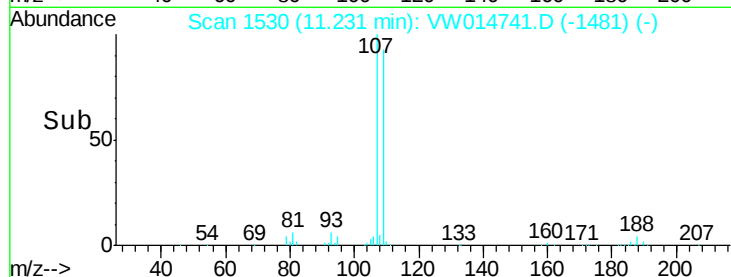
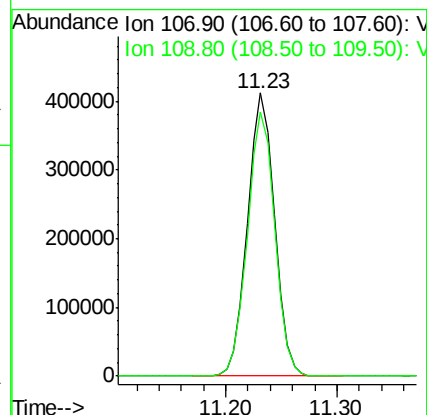
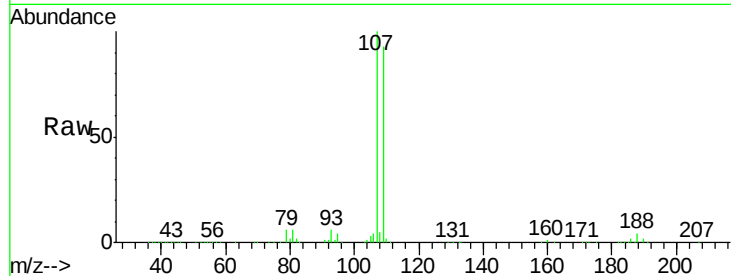




#61
 1,2-Dibromoethane
 Concen: 139.27 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

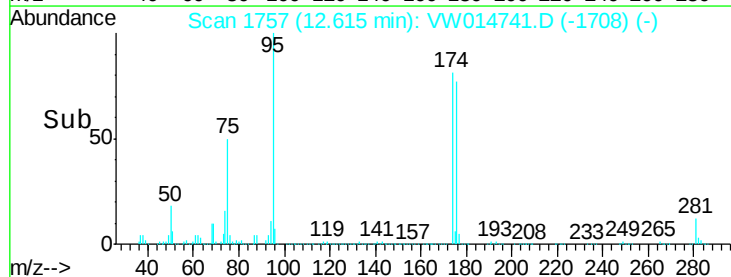
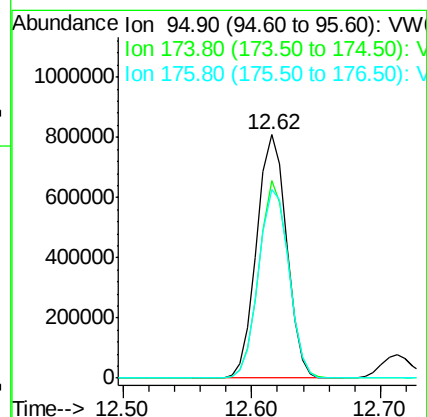
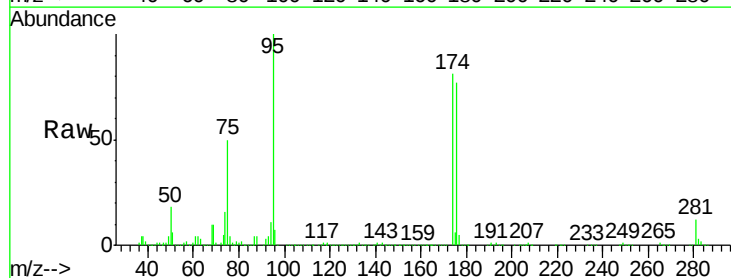
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

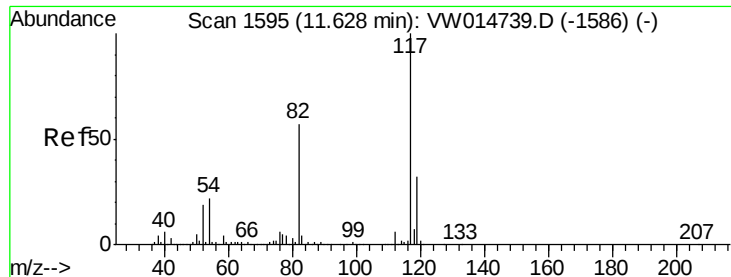
Tgt Ion: 107 Resp: 696355
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 144.17 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 95 Resp: 1296325
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 163.0
 176 78.9 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

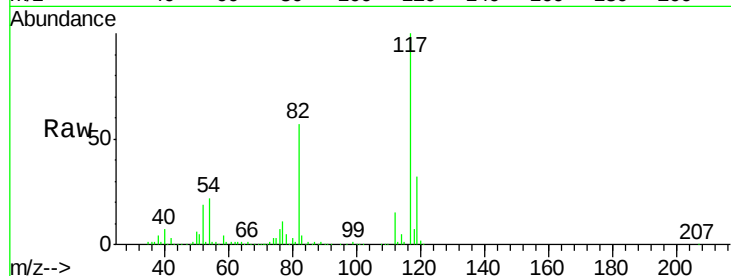
Tgt Ion:117 Resp: 976036

Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

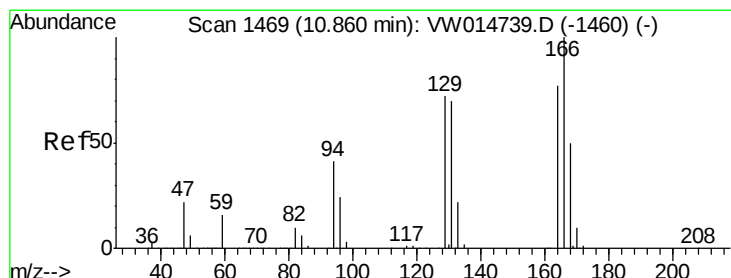
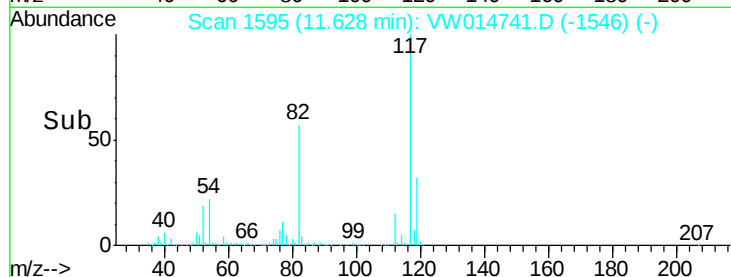
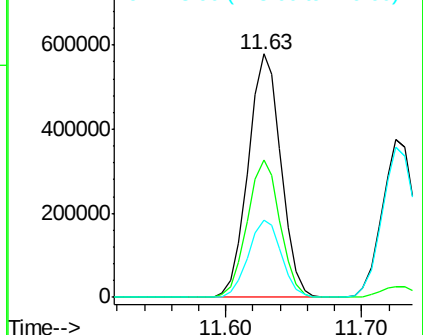
119 31.7 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 130.15 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion:164 Resp: 917388

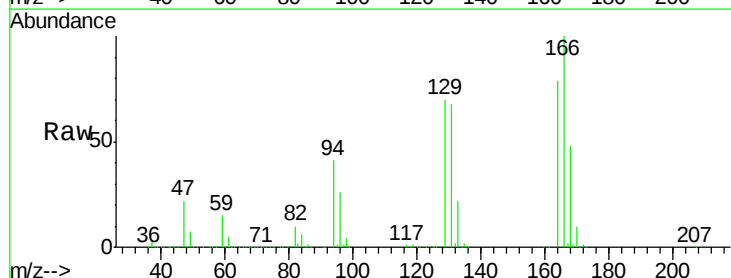
Ion Ratio Lower Upper

164 100

166 126.3 104.0 156.0

129 88.0 75.0 112.4

131 85.9 72.7 109.1

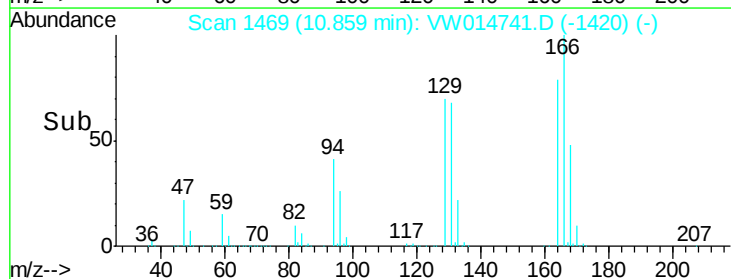
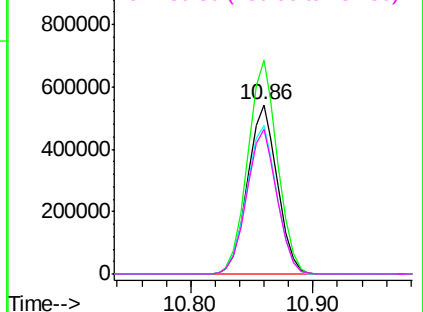


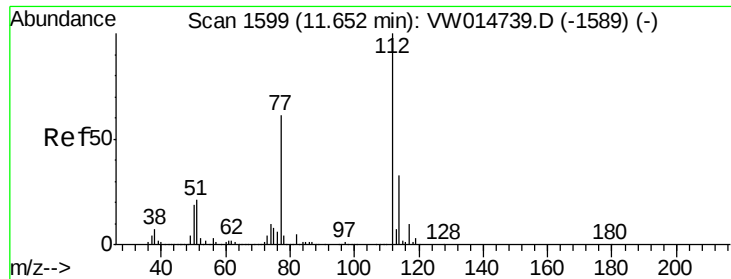
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

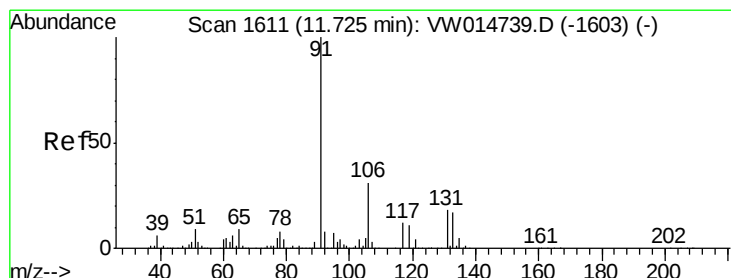
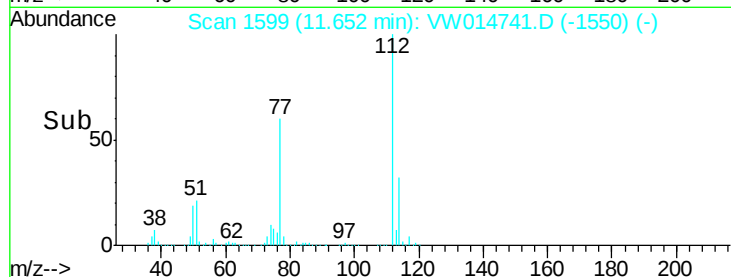
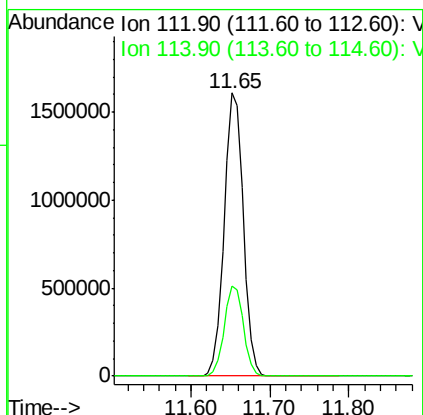
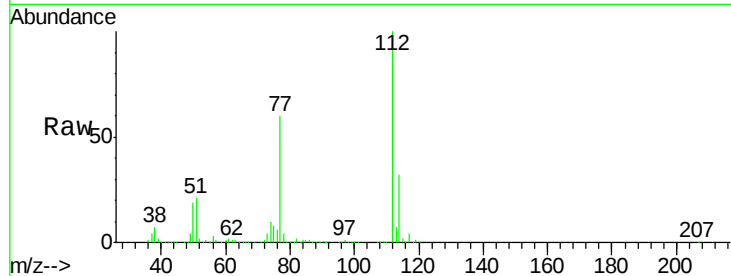




#65
Chlorobenzene
Concen: 134.84 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

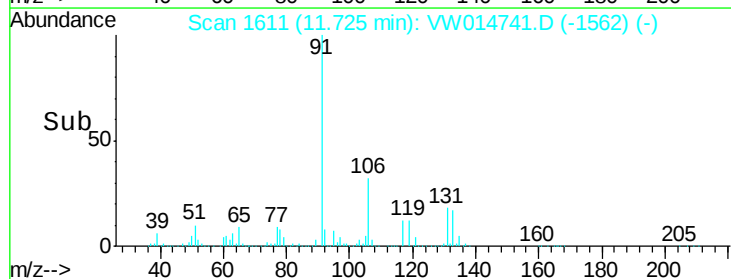
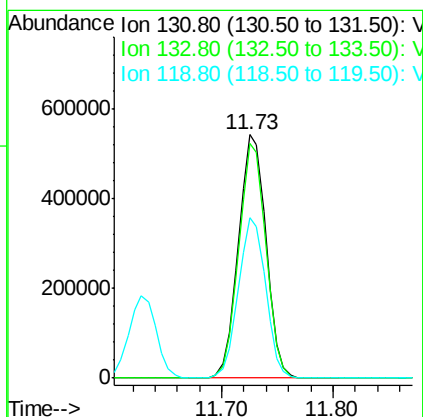
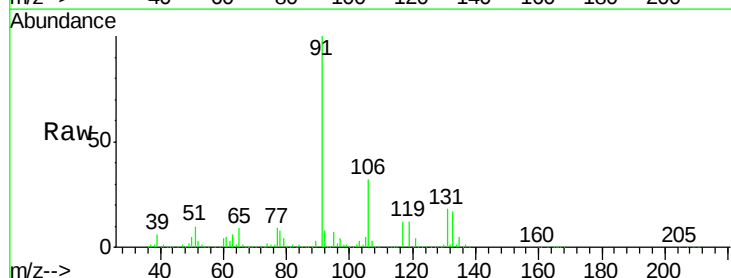
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

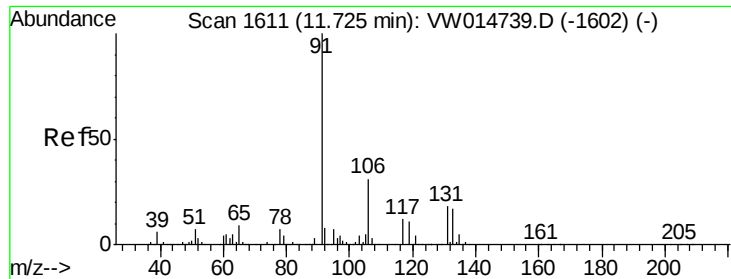
Tgt Ion:112 Resp: 2706294
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 137.67 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:131 Resp: 929991
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 65.3 33.0 98.9

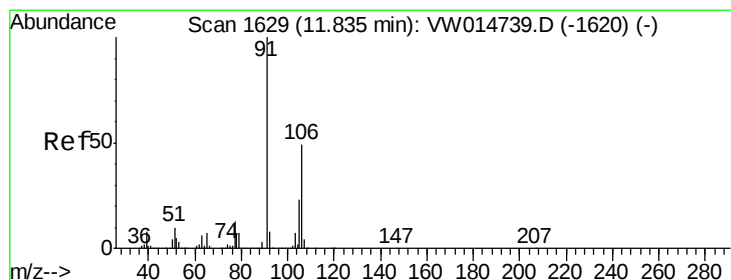
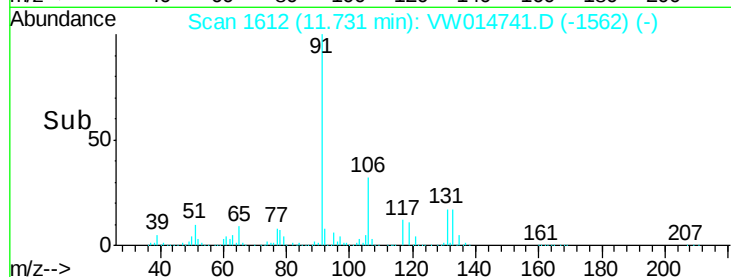
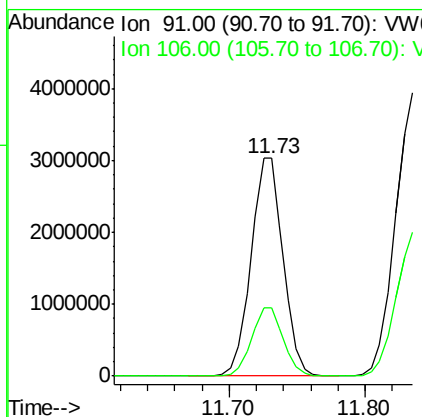
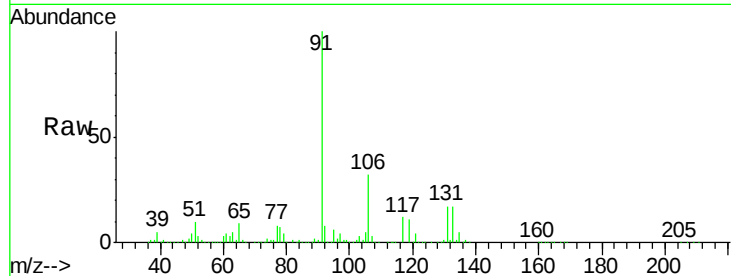




#67
Ethyl Benzene
Concen: 137.16 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

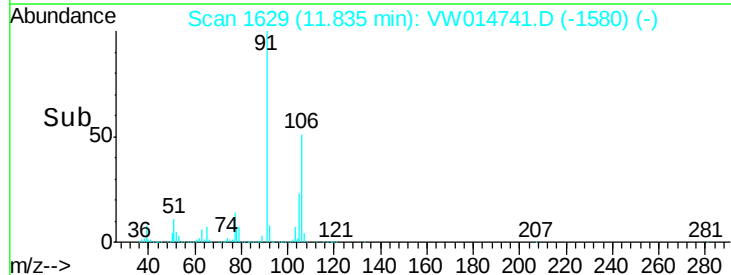
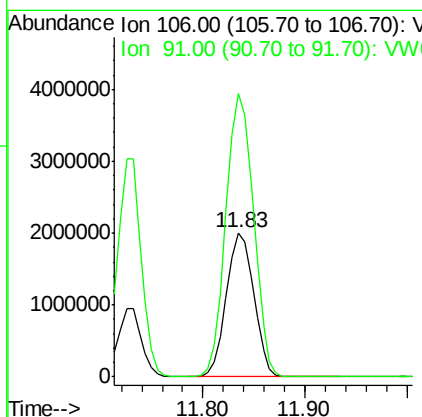
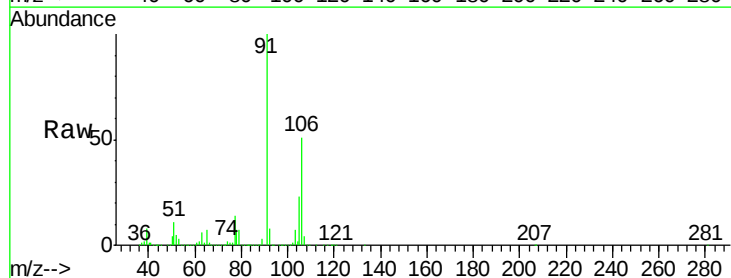
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

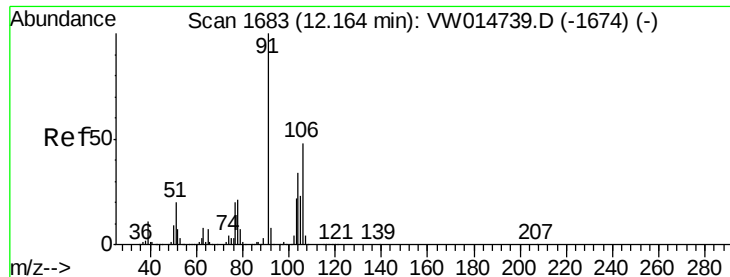
Tgt Ion: 91 Resp: 4979945
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 269.34 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 106 Resp: 3733903
Ion Ratio Lower Upper
106 100
91 198.9 161.4 242.0

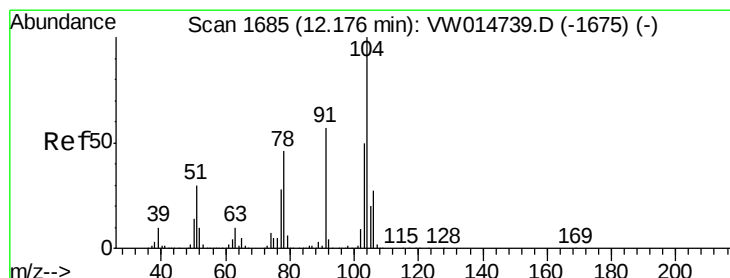
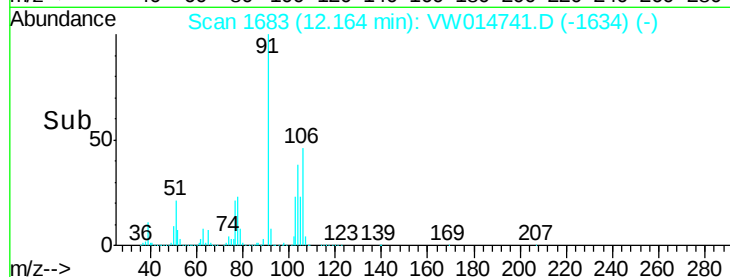
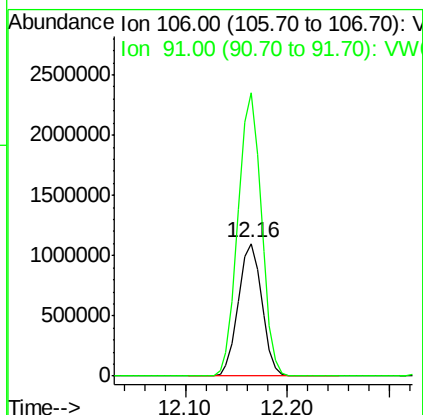
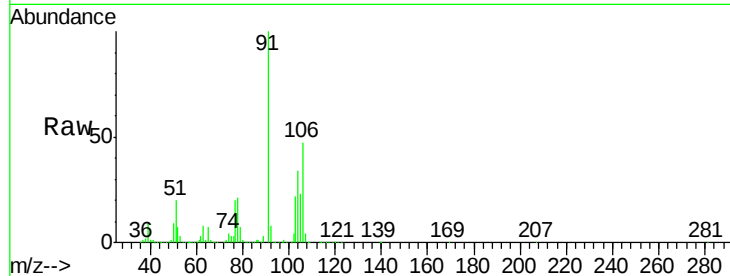




#69
o-Xylene
Concen: 136.95 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

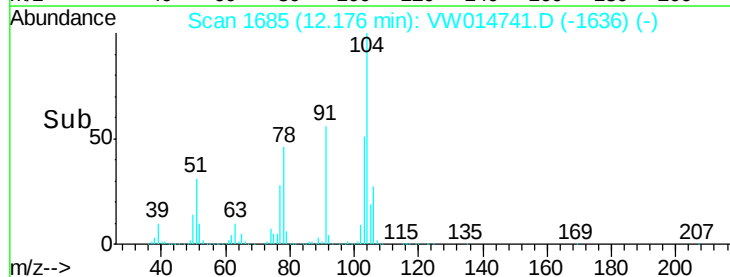
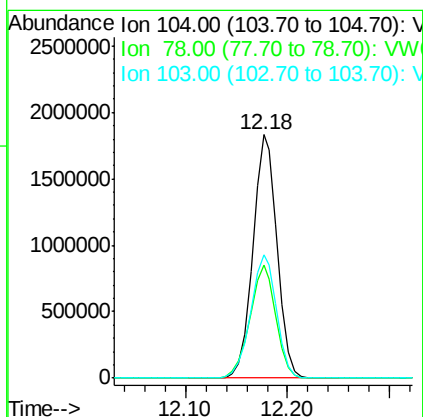
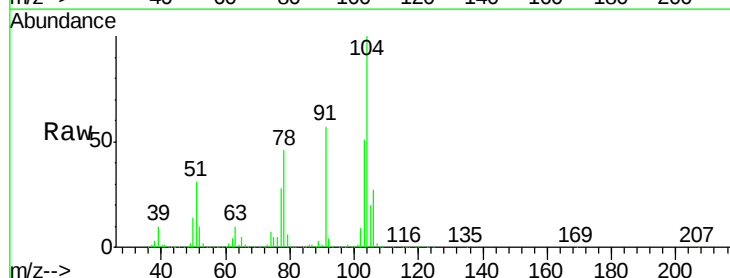
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

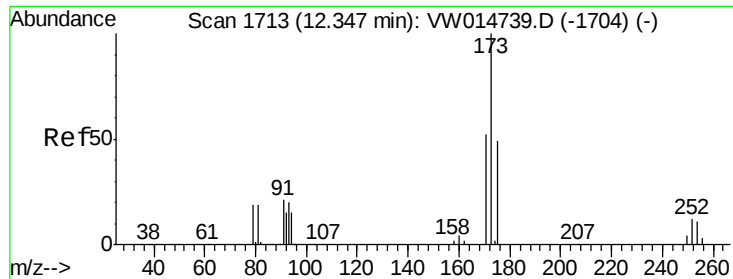
Tgt Ion:106 Resp: 1752400
Ion Ratio Lower Upper
106 100
91 212.5 107.1 321.3



#70
Styrene
Concen: 139.87 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:104 Resp: 3023401
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.8
103 54.4 44.0 66.0





#71

Bromoform

Concen: 139.00 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

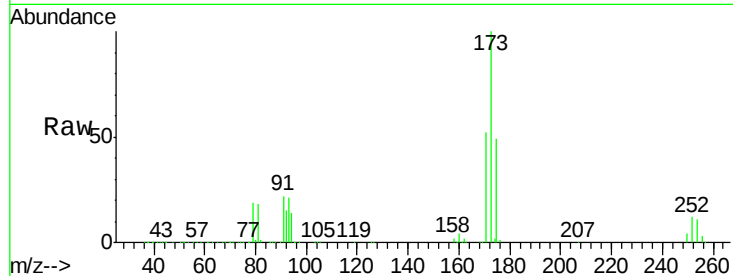
Tgt Ion:173 Resp: 503365

Ion Ratio Lower Upper

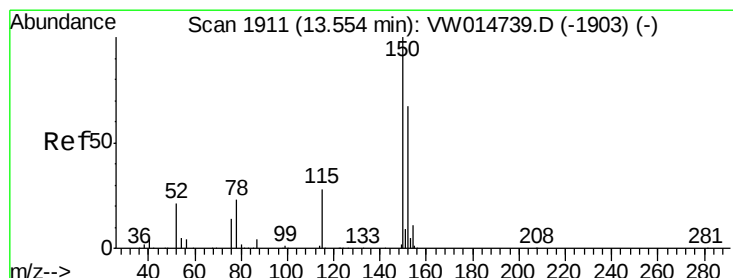
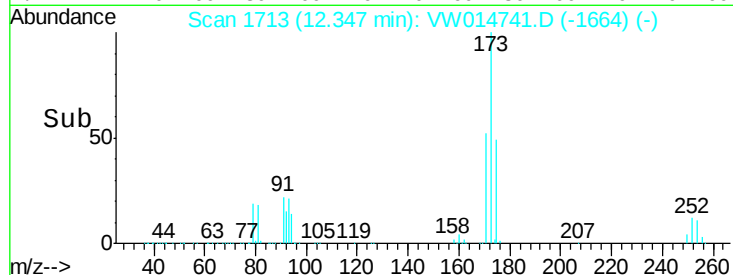
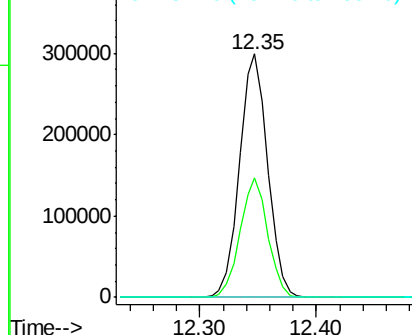
173 100

175 48.4 24.4 73.2

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: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

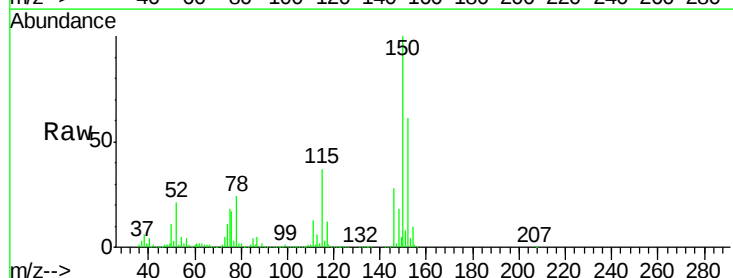
Tgt Ion:152 Resp: 474543

Ion Ratio Lower Upper

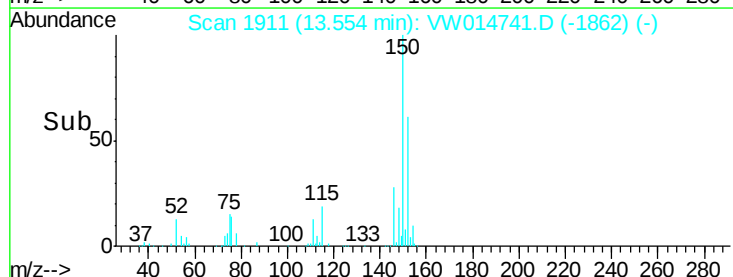
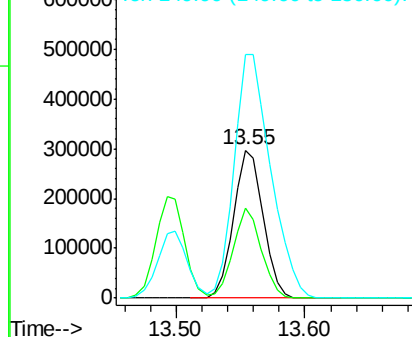
152 100

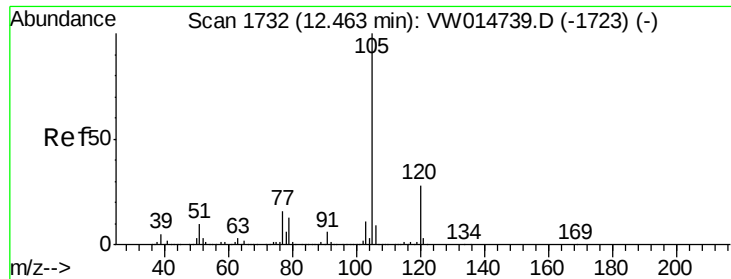
115 58.0 29.0 87.1

150 203.0 0.0 354.0



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: 136.33 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

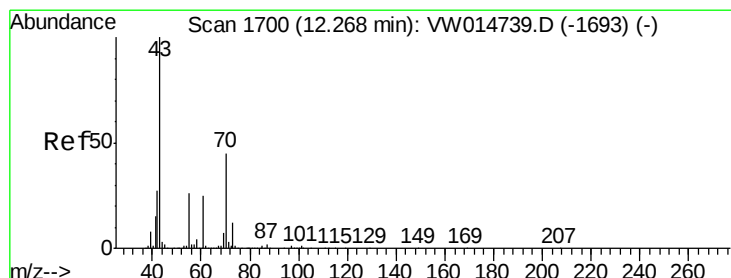
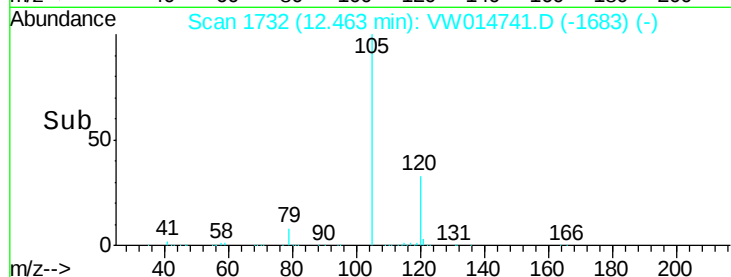
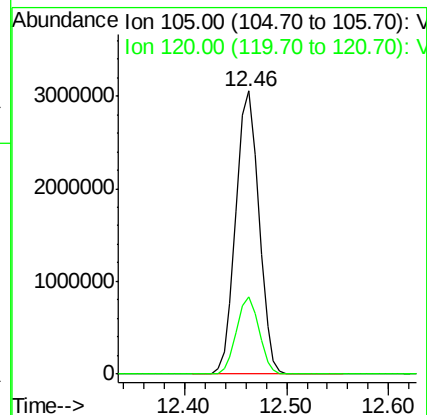
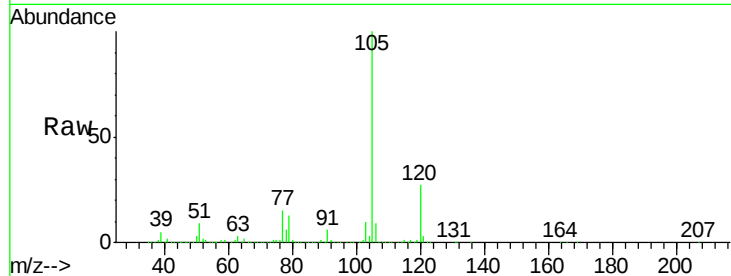
VSTDIC150

Tgt Ion:105 Resp: 4770725

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



#74

N-ethyl acetate

Concen: 156.34 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion: 43 Resp: 1224130

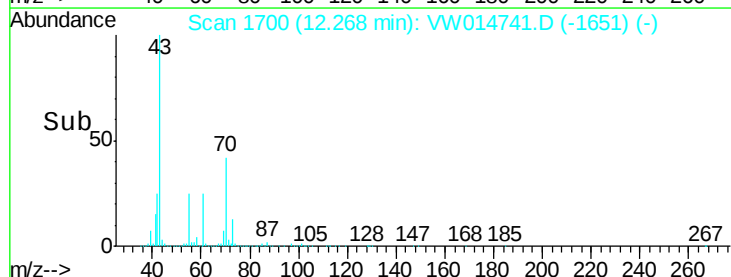
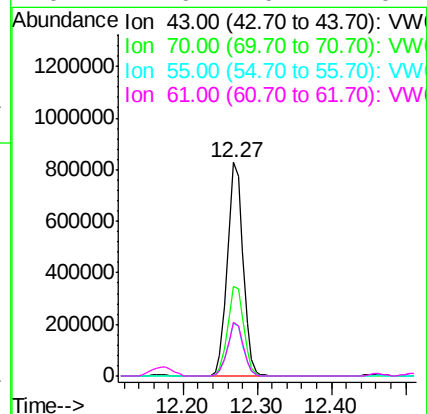
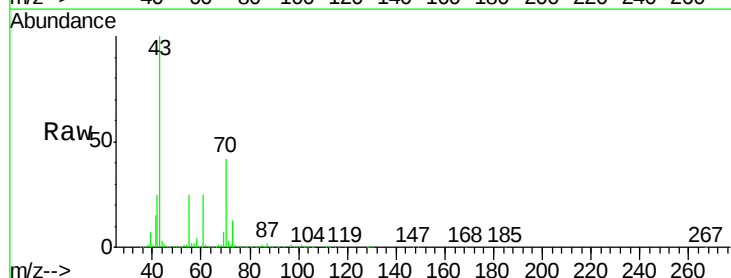
Ion Ratio Lower Upper

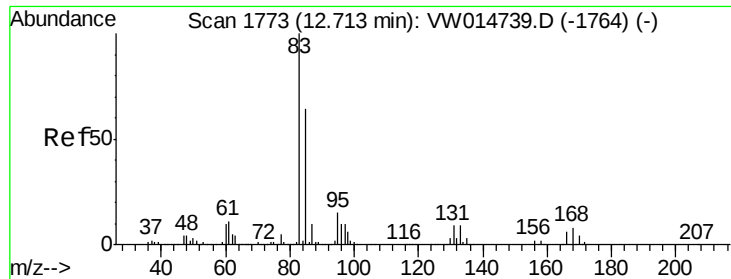
43 100

70 43.1 34.6 52.0

55 24.7 20.6 30.8

61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 136.94 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

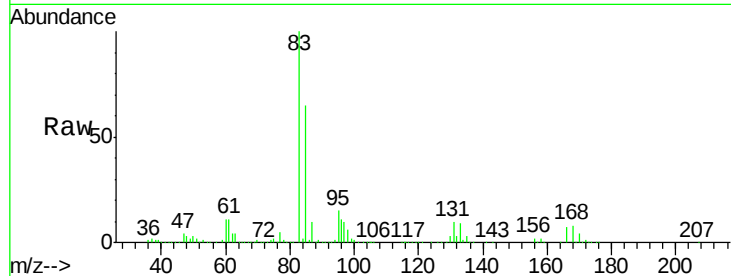
Tgt Ion: 83 Resp: 853850

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

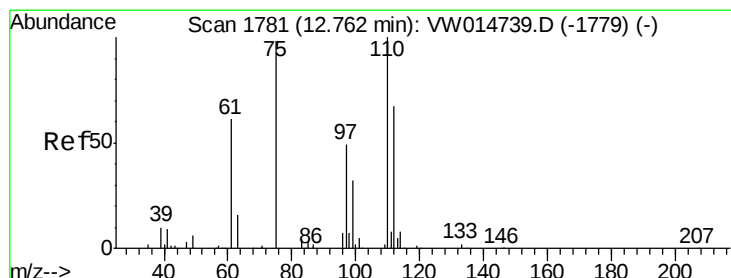
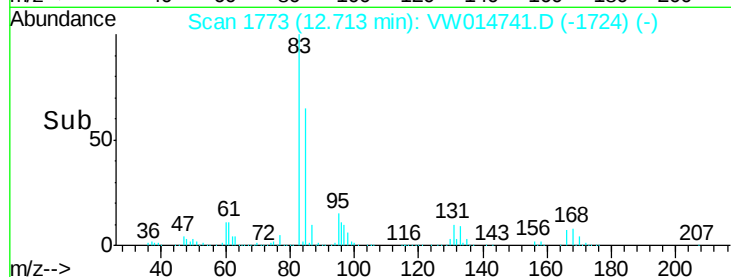
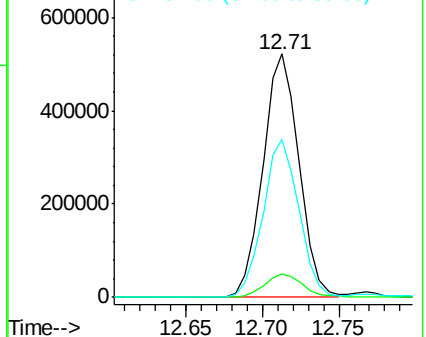
85 64.3 32.0 96.0



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: 252.41 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VW014741.D

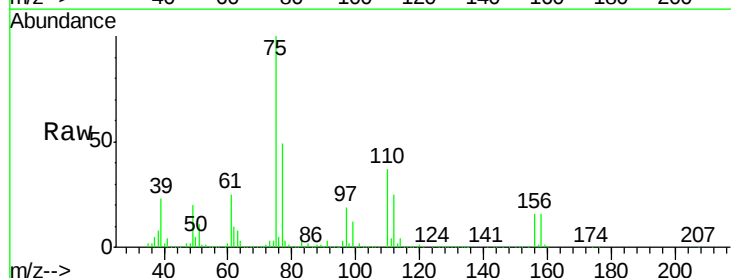
Acq: 24 Jan 2020 12:44

Tgt Ion: 75 Resp: 1120073

Ion Ratio Lower Upper

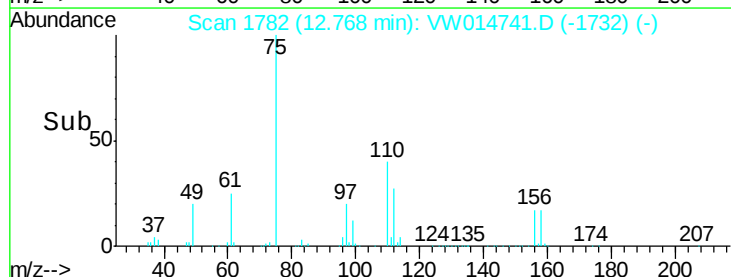
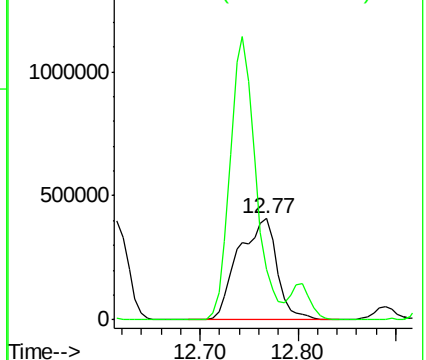
75 100

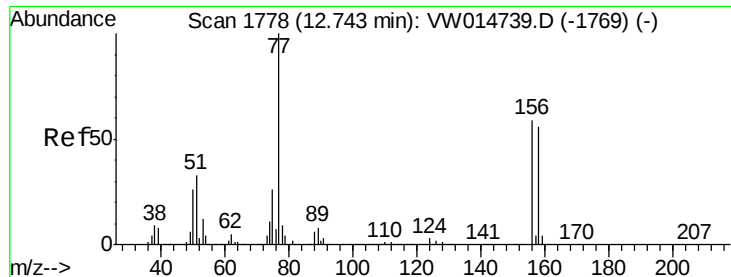
77 0.0 167.9 503.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 134.17 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

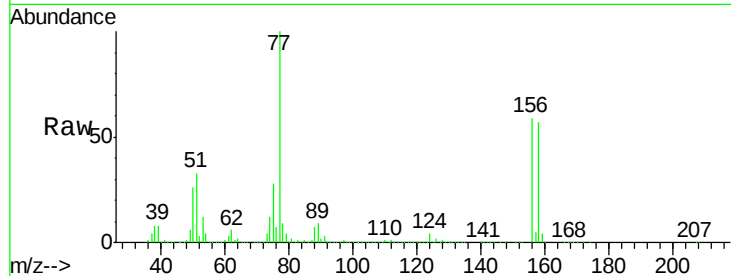
Tgt Ion:156 Resp: 1090858

Ion Ratio Lower Upper

156 100

77 191.8 94.5 283.5

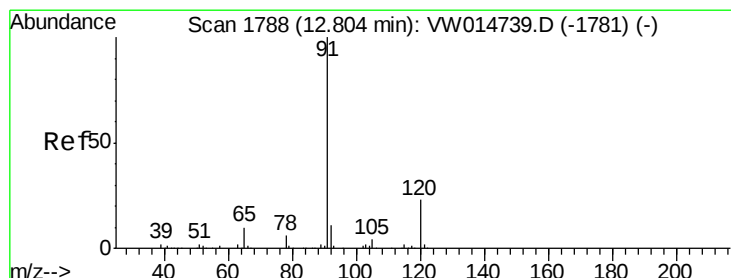
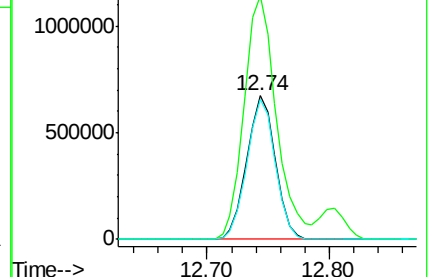
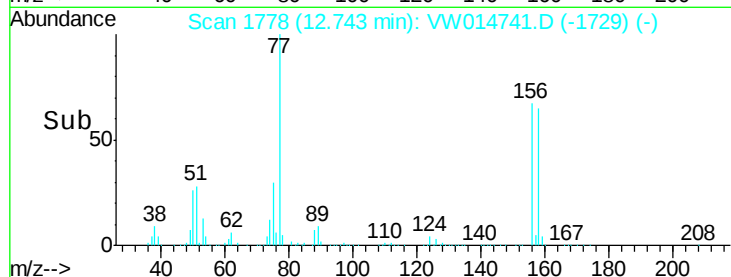
158 97.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.71 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014741.D

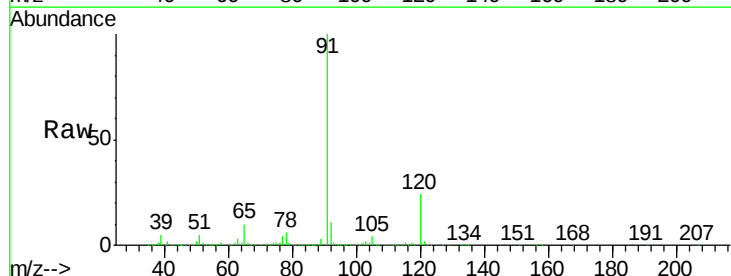
Acq: 24 Jan 2020 12:44

Tgt Ion: 91 Resp: 5708974

Ion Ratio Lower Upper

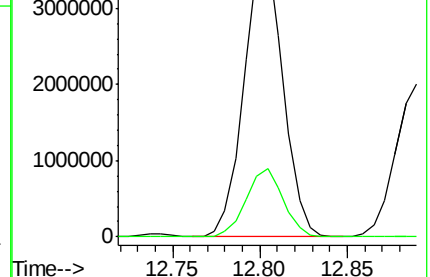
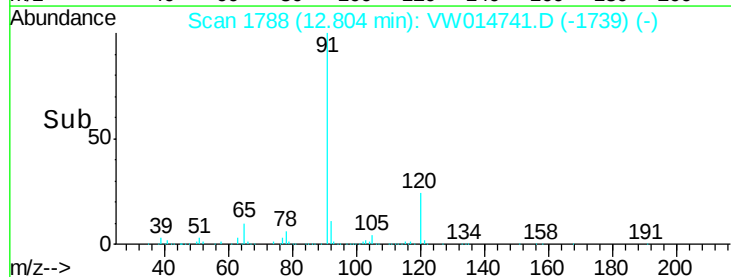
91 100

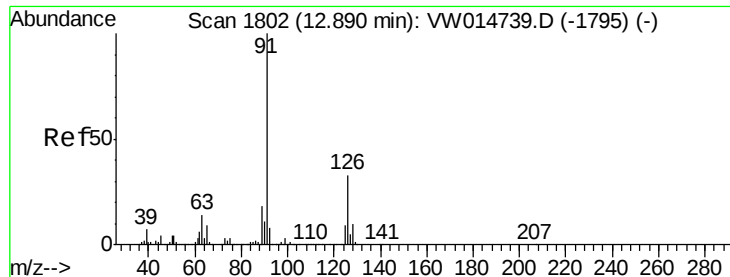
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 136.85 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

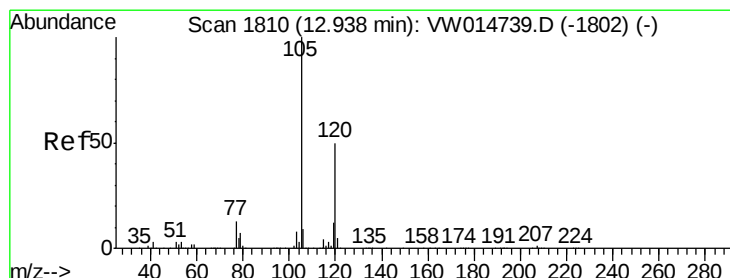
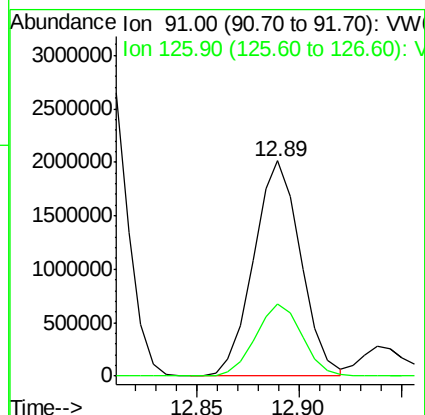
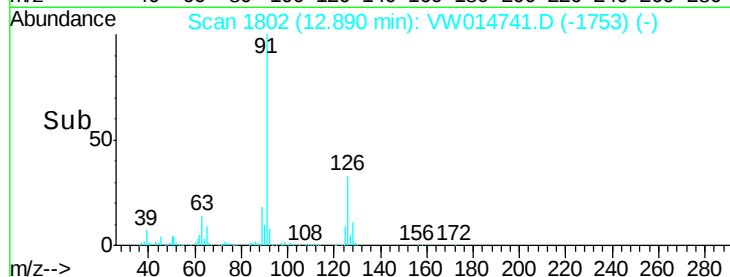
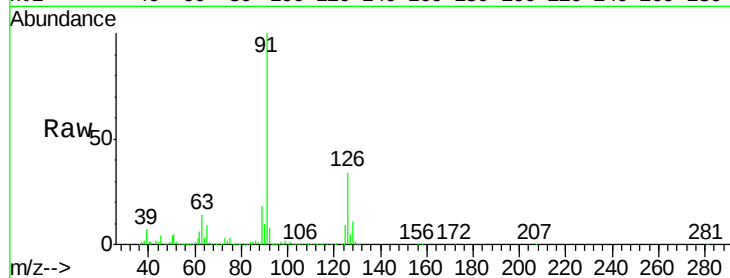
VSTDIC150

Tgt Ion: 91 Resp: 3226220

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 137.16 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014741.D

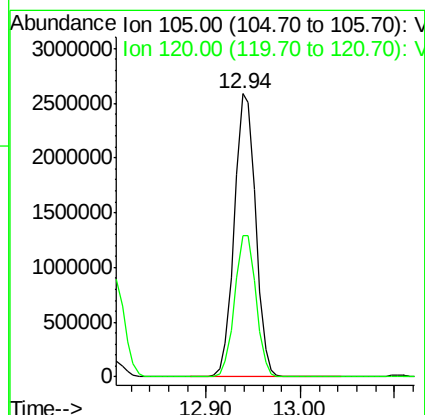
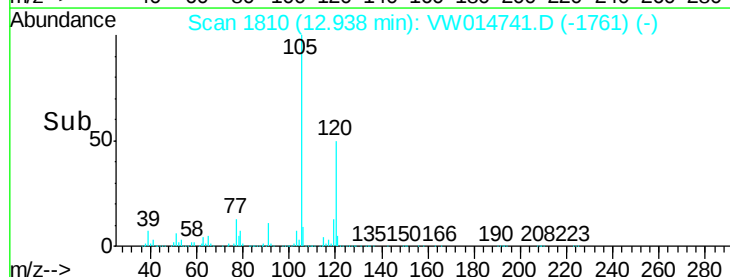
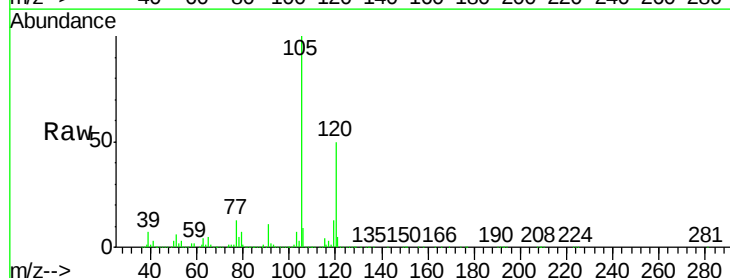
Acq: 24 Jan 2020 12:44

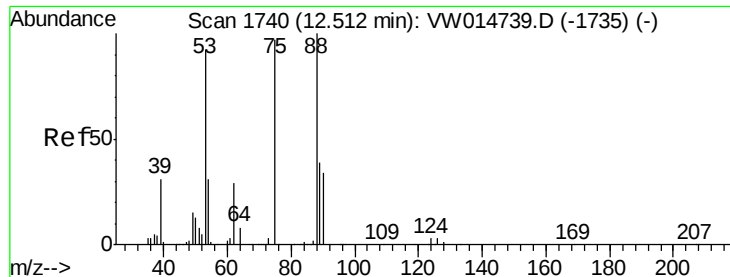
Tgt Ion: 105 Resp: 4049179

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 152.42 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

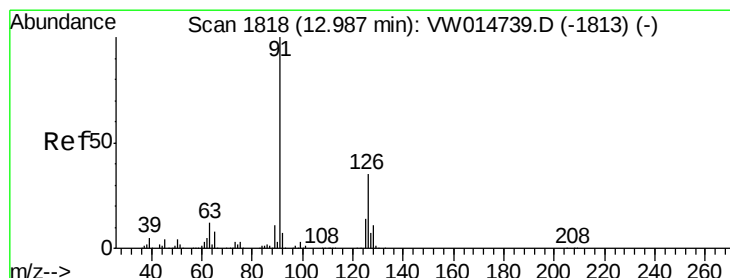
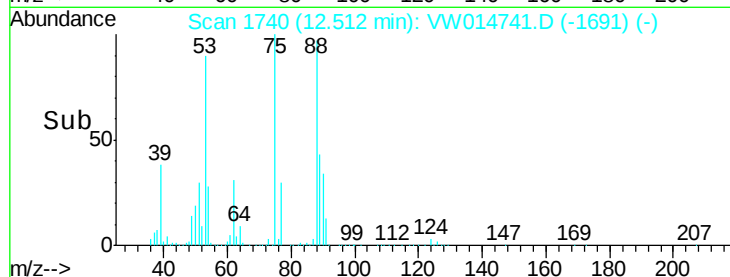
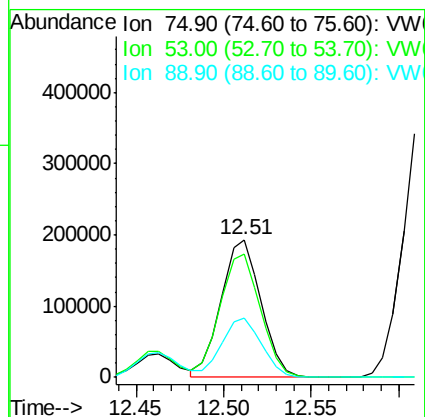
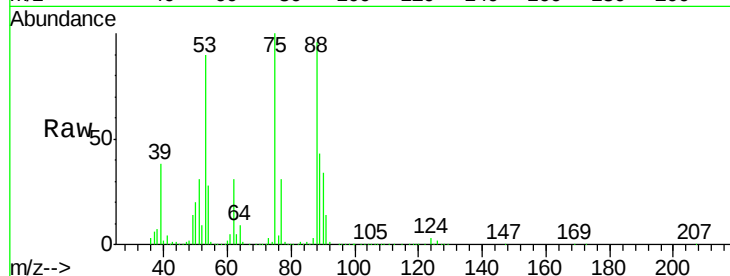
Tgt Ion: 75 Resp: 303767

Ion Ratio Lower Upper

75 100

53 91.9 77.0 115.4

89 44.1 35.2 52.8



#82

4-Chlorotoluene

Concen: 137.15 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014741.D

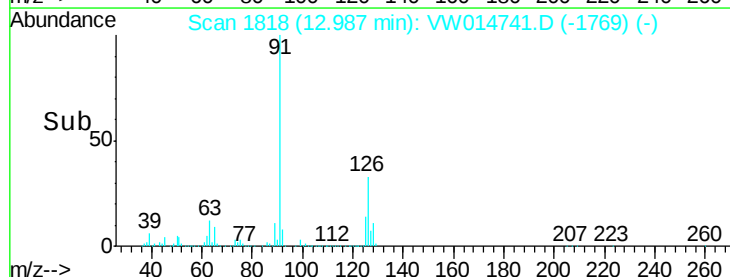
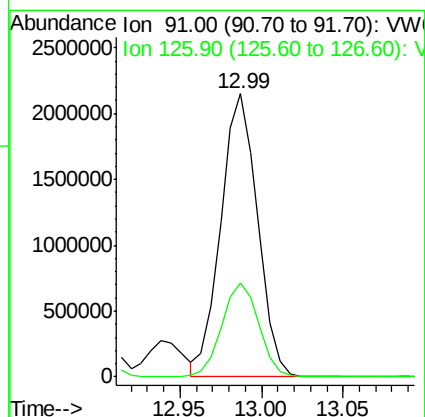
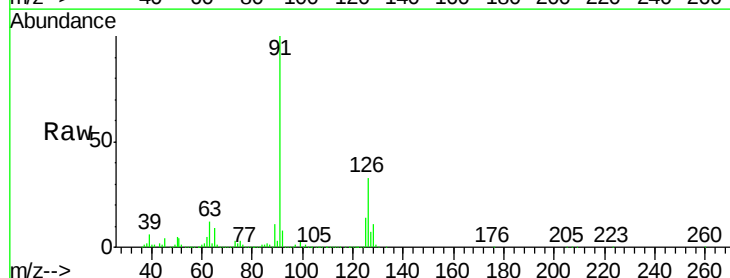
Acq: 24 Jan 2020 12:44

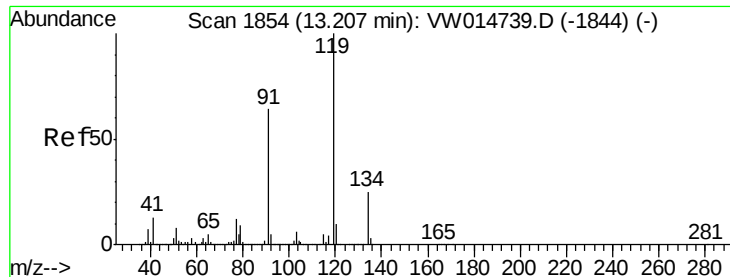
Tgt Ion: 91 Resp: 3363641

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.1

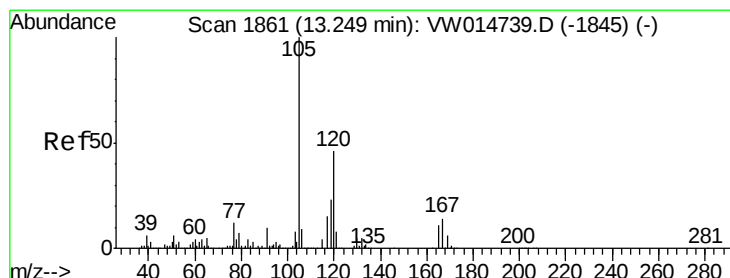
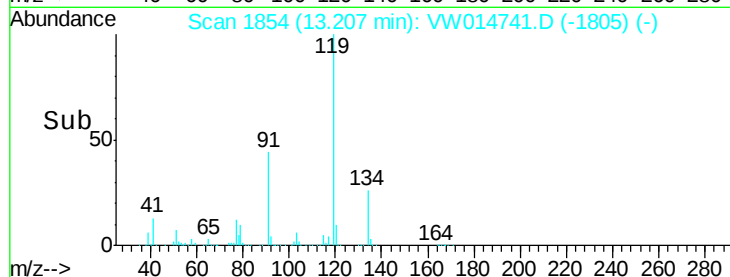
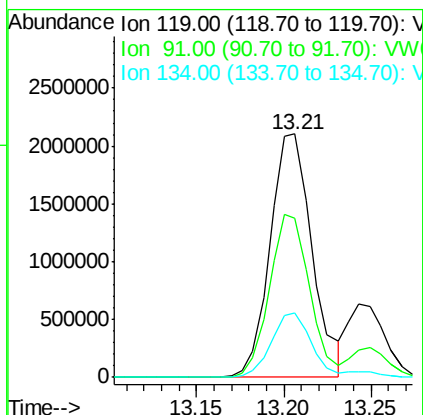
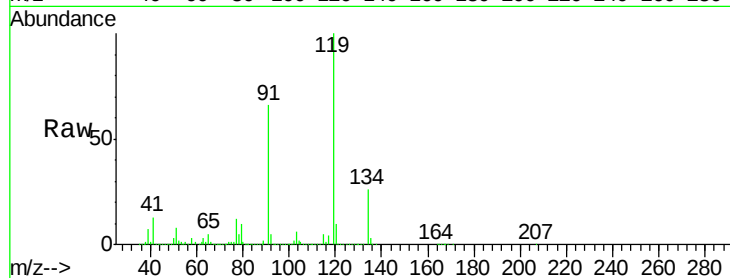




#83
tert-Butylbenzene
Concen: 137.42 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

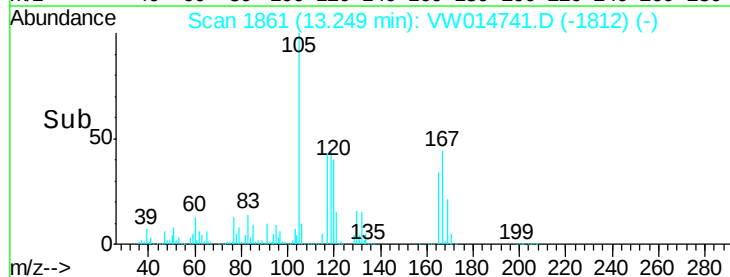
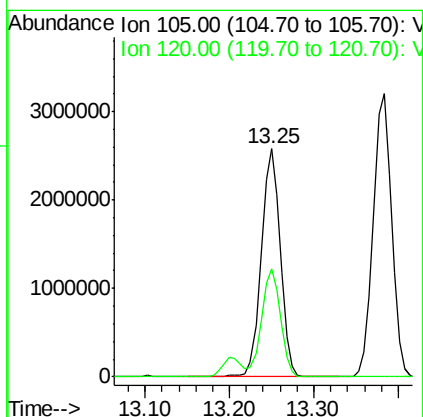
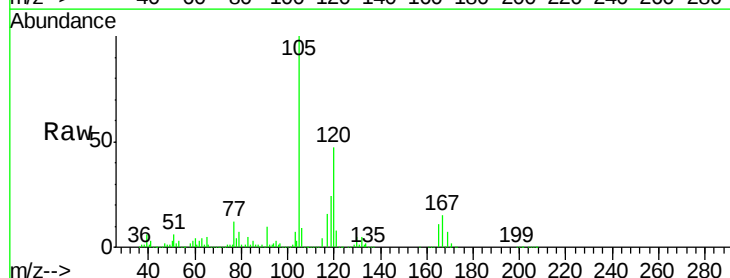
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

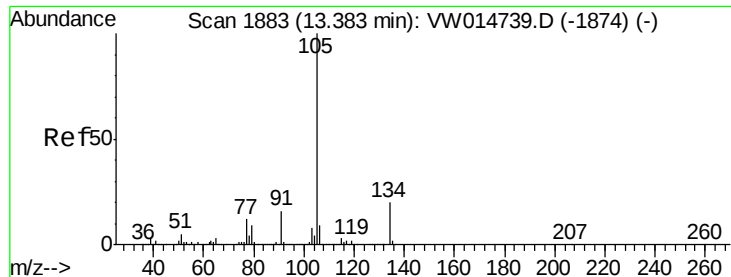
Tgt Ion:119 Resp: 3540834
Ion Ratio Lower Upper
119 100
91 64.1 32.1 96.3
134 26.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 136.45 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:105 Resp: 4012818
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

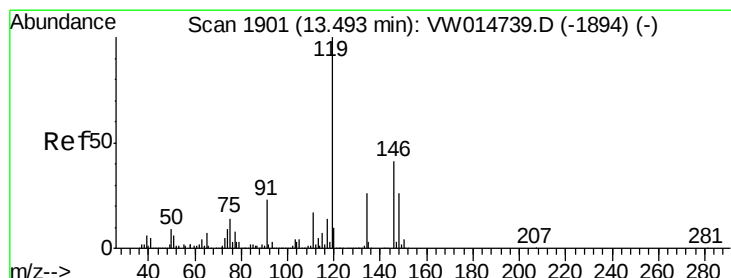
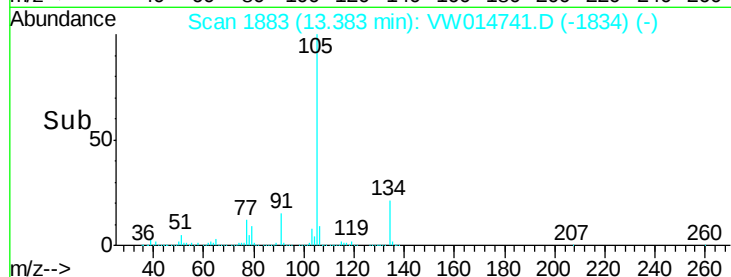
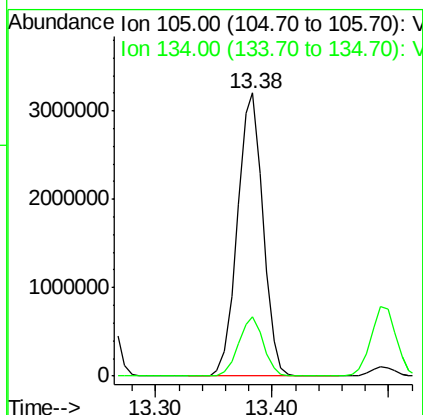
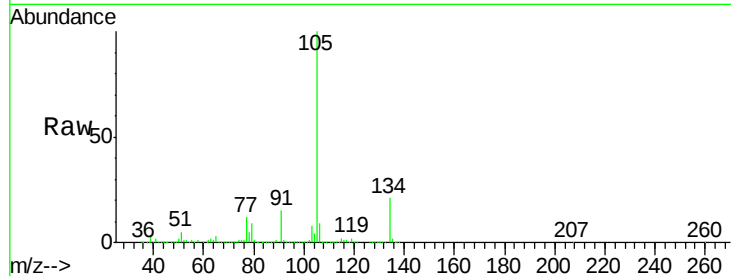




#85
 sec-Butylbenzene
 Concen: 136.66 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

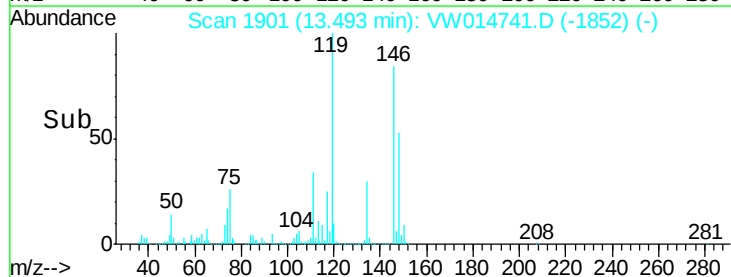
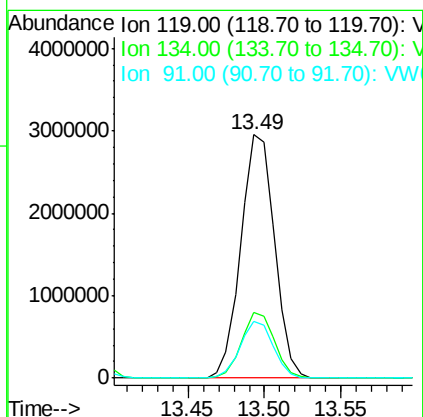
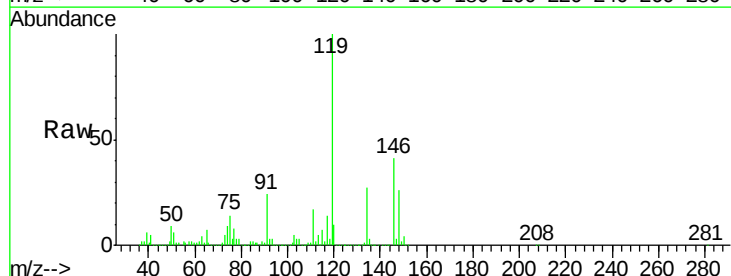
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

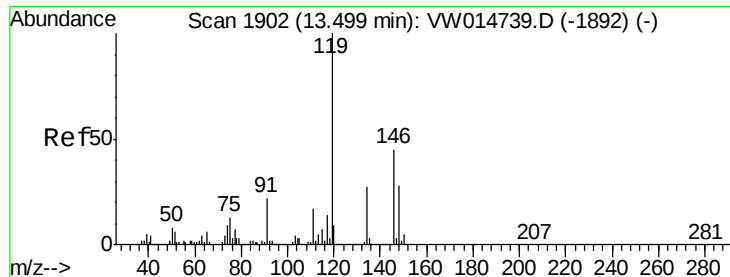
Tgt Ion:105 Resp: 4887614
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 138.40 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion:119 Resp: 4516053
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 22.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 134.09 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

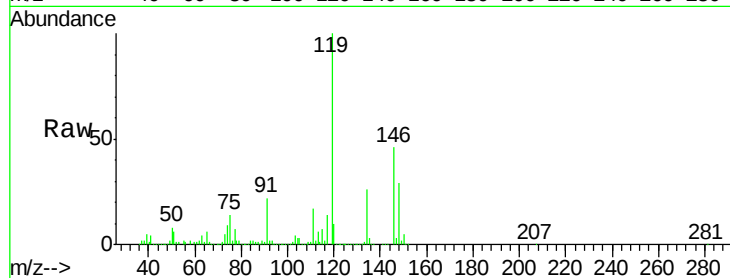
Tgt Ion:146 Resp: 2121577

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.4

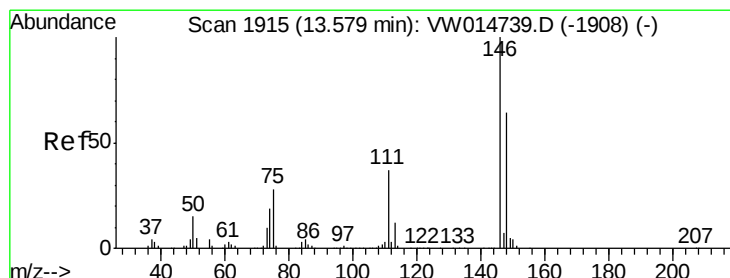
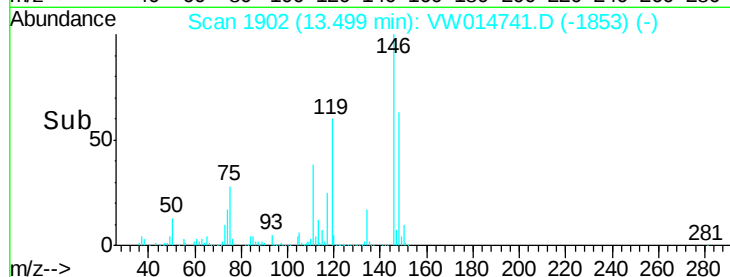
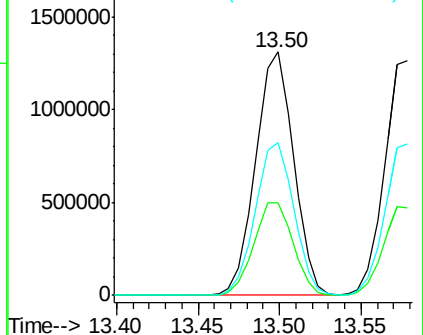
148 63.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 133.08 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

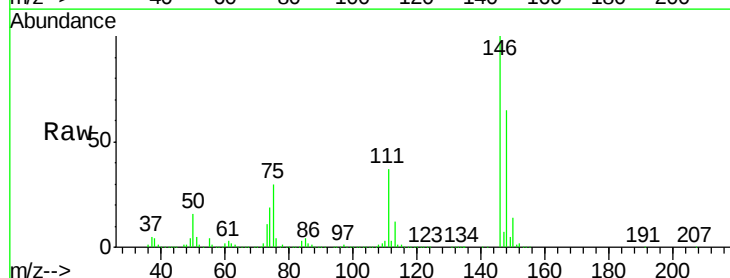
Tgt Ion:146 Resp: 2073190

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.4

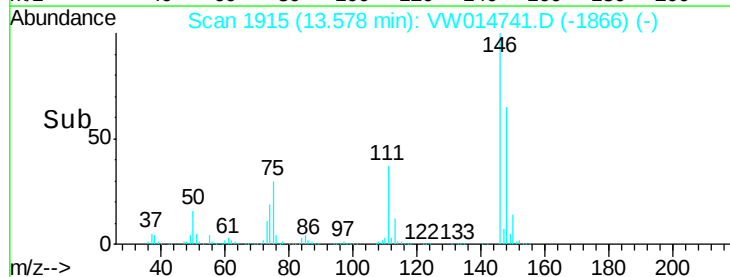
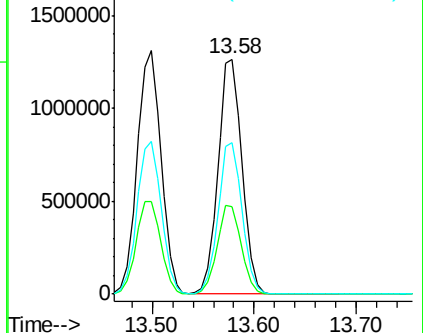
148 64.2 32.0 96.2

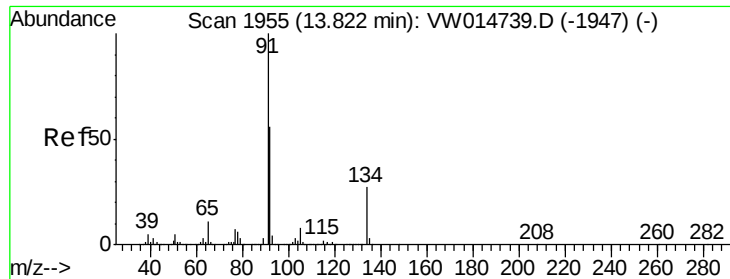


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 142.12 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

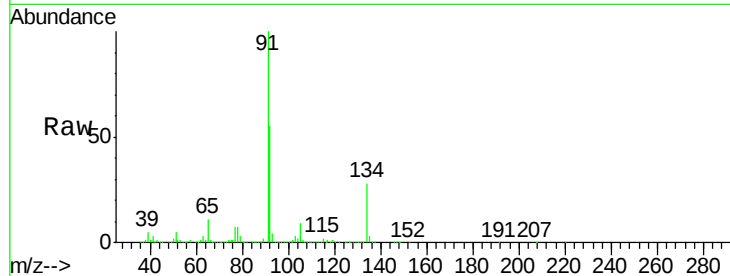
Tgt Ion: 91 Resp: 4318581

Ion Ratio Lower Upper

91 100

92 55.6 27.5 82.4

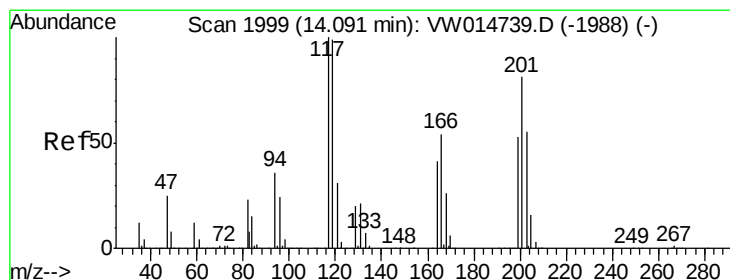
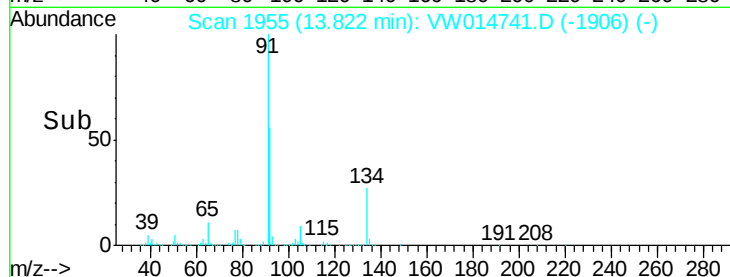
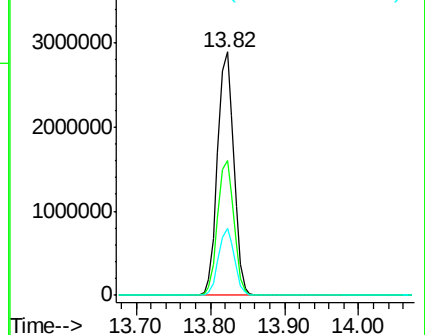
134 27.0 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 142.35 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014741.D

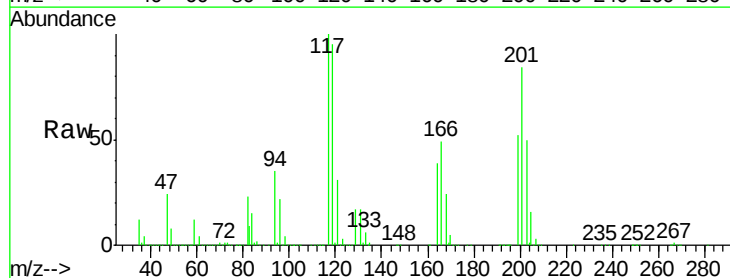
Acq: 24 Jan 2020 12:44

Tgt Ion: 117 Resp: 808442

Ion Ratio Lower Upper

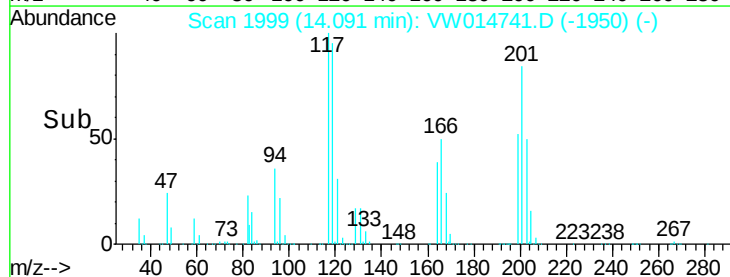
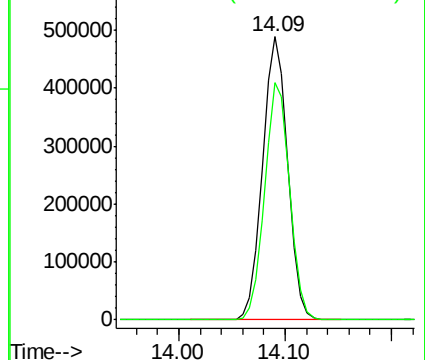
117 100

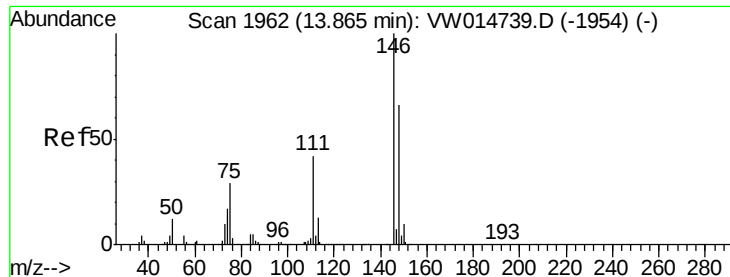
201 83.3 41.6 124.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 133.66 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

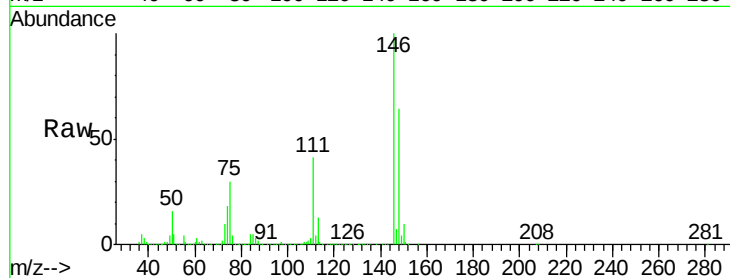
Tgt Ion:146 Resp: 1859129

Ion Ratio Lower Upper

146 100

111 40.7 20.7 62.1

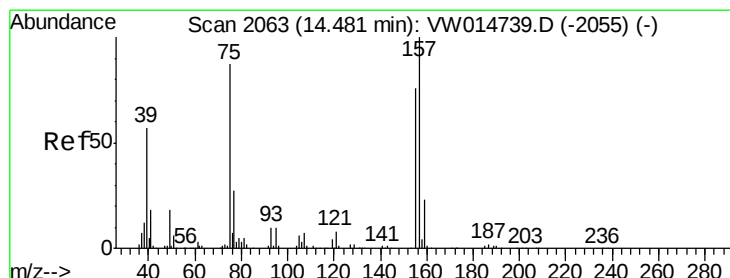
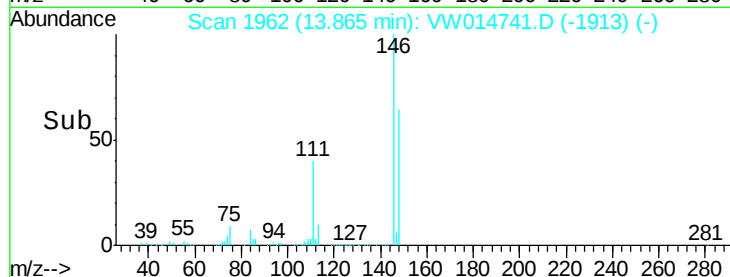
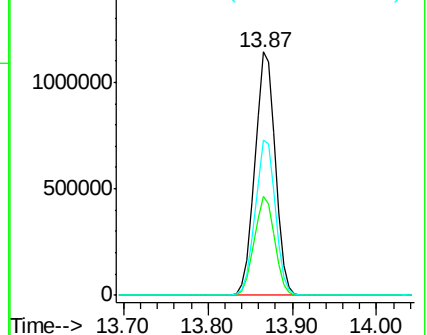
148 63.4 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 140.06 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

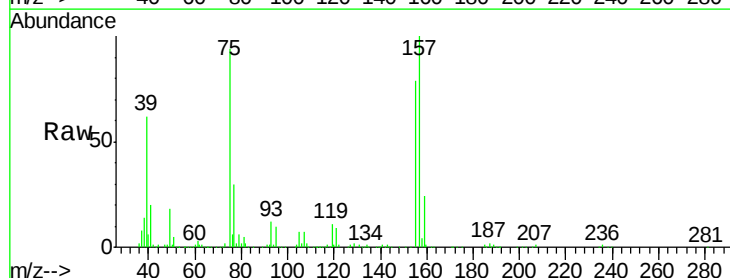
Tgt Ion: 75 Resp: 137922

Ion Ratio Lower Upper

75 100

155 86.5 42.5 127.5

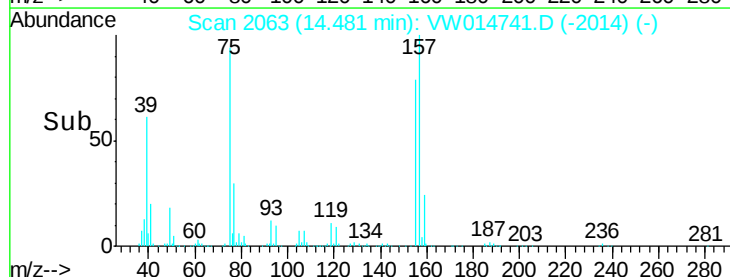
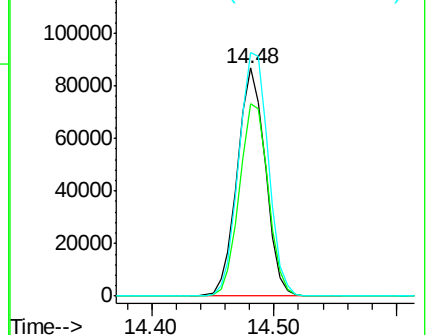
157 112.2 54.8 164.4

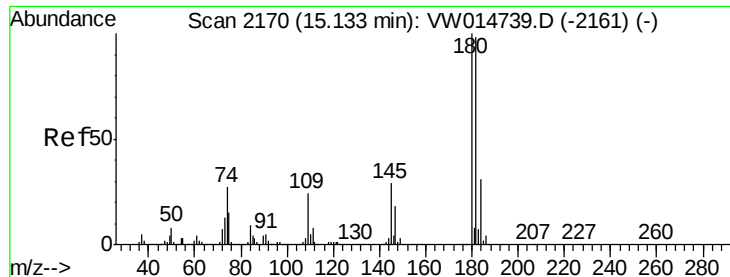


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

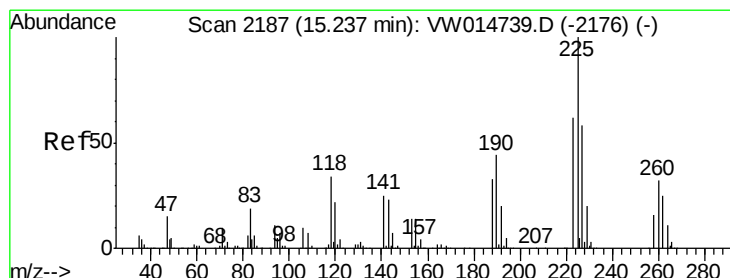
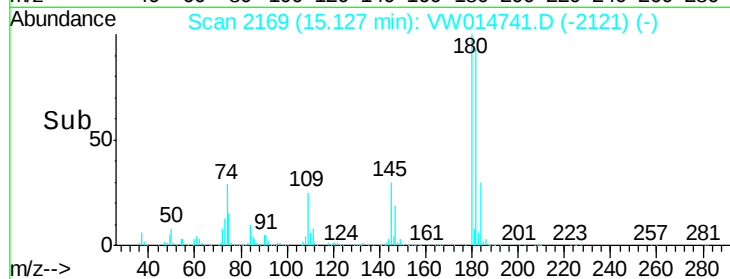
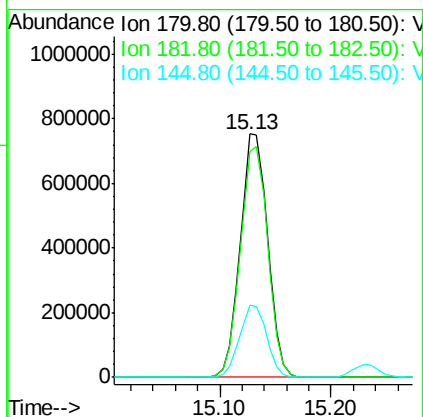
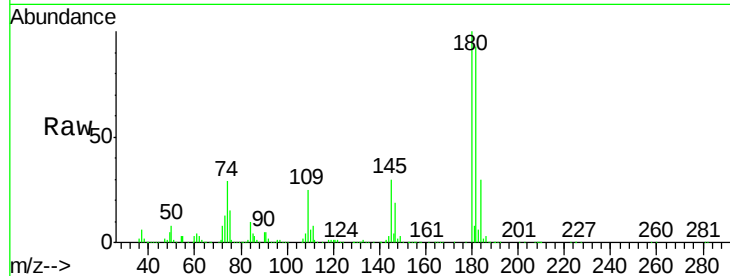




#93
 1,2,4-Trichlorobenzene
 Concen: 138.40 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

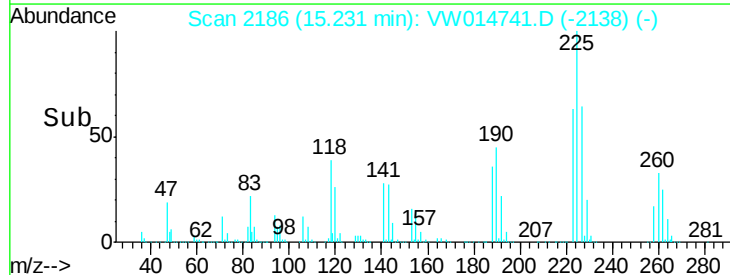
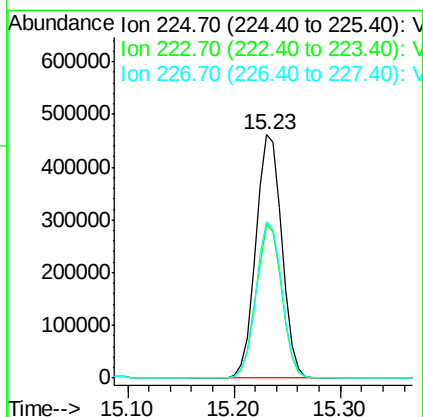
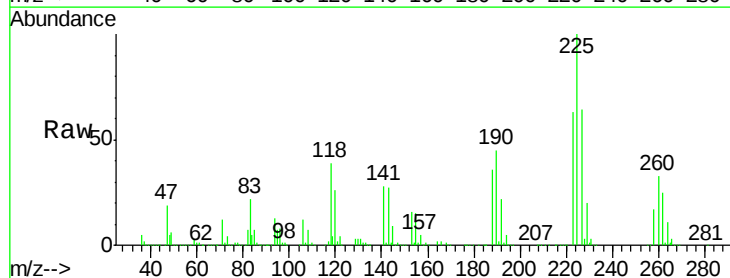
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

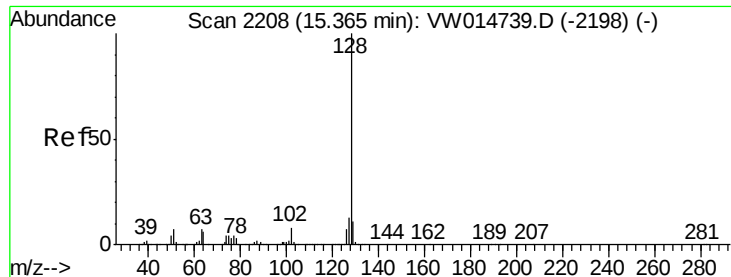
Tgt Ion:180 Resp: 1288119
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.6 145.9
 145 29.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 126.04 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion:225 Resp: 792514
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.3
 227 64.1 30.9 92.8

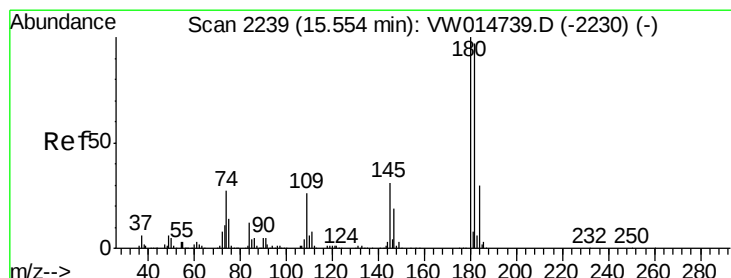
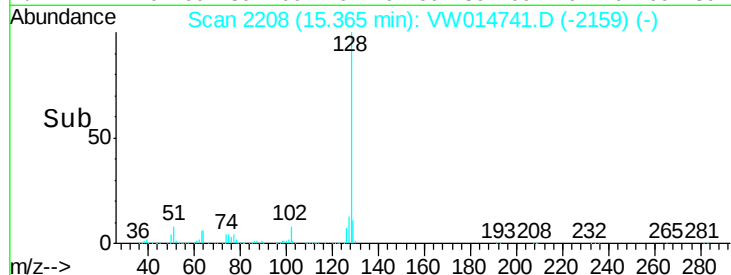
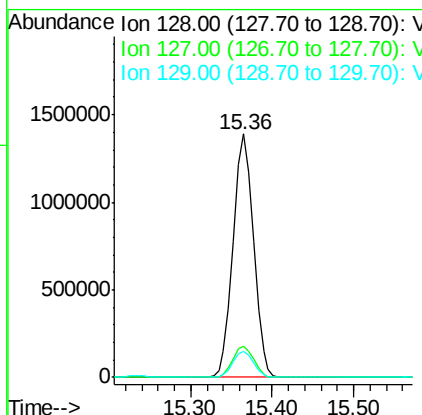
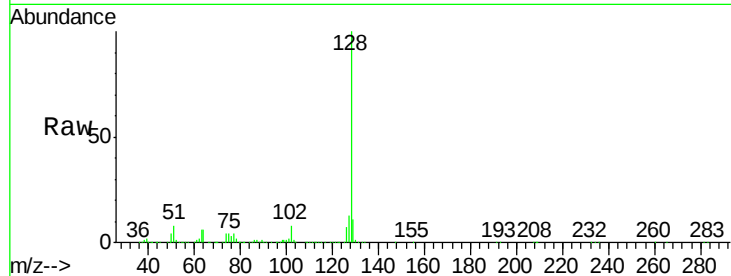




#95
Naphthalene
Concen: 151.81 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2382333
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 135.28 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:180 Resp: 1095601
Ion Ratio Lower Upper
180 100
182 97.1 47.2 141.6
145 31.3 15.4 46.4

