

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015201.D
 Acq On : 15 Apr 2020 14:07
 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: Apr 15 14:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:23:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	600763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1072392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	964908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	435891	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	854021	152.00	ug/l	0.00
Spiked Amount			Recovery	=	304.00%	
35) Dibromofluoromethane	7.88	113	853179	140.55	ug/l	0.00
Spiked Amount			Recovery	=	281.10%	
50) Toluene-d8	10.32	98	3549541	144.21	ug/l	0.00
Spiked Amount			Recovery	=	288.42%	
62) 4-Bromofluorobenzene	12.62	95	1277552	149.76	ug/l	0.00
Spiked Amount			Recovery	=	299.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	573859	169.265	ug/l	95
3) Chloromethane	2.22	50	848763	162.100	ug/l	98
4) Vinyl Chloride	2.36	62	1002947	160.280	ug/l	100
5) Bromomethane	2.75	94	512848	152.863	ug/l	98
6) Chloroethane	2.92	64	483474	155.443	ug/l	99
7) Trichlorofluoromethane	3.26	101	680082	173.156	ug/l	100
8) Diethyl Ether	3.68	74	469586	149.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	897137	141.925	ug/l	100
10) Methyl Iodide	4.27	142	1375462	149.258	ug/l	99
11) Tert butyl alcohol	5.16	59	298359	754.788	ug/l	98
12) 1,1-Dichloroethene	4.04	96	946289	148.007	ug/l	100
13) Acrolein	3.89	56	319058	733.188	ug/l	99
14) Allyl chloride	4.67	41	1438414	152.735	ug/l	99
15) Acrylonitrile	5.36	53	991693	756.642	ug/l	99
16) Acetone	4.12	43	724182	694.786	ug/l	99
17) Carbon Disulfide	4.38	76	2925519	151.480	ug/l	99
18) Methyl Acetate	4.67	43	476110	149.601	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	1198787	142.839	ug/l	100
20) Methylene Chloride	4.91	84	944786	129.965	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	1006355	148.597	ug/l	95
22) Diisopropyl ether	6.31	45	2910511	154.877	ug/l	98
23) Vinyl Acetate	6.25	43	8559190	785.875	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1710626	151.515	ug/l	100
25) 2-Butanone	7.17	43	1239287	759.847	ug/l	99
26) 2,2-Dichloropropane	7.17	77	1053100	138.189	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1075393	148.414	ug/l	99
28) Bromochloromethane	7.51	49	726925	157.849	ug/l	98
29) Tetrahydrofuran	7.52	42	822340	769.063	ug/l	98
30) Chloroform	7.68	83	1643558	149.066	ug/l	99
31) Cyclohexane	7.95	56	1675922	136.753	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	1359093	146.362	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1375030	139.405	ug/l	99
37) Ethyl Acetate	7.25	43	561087	137.720	ug/l	99
38) Carbon Tetrachloride	8.07	117	1251572	137.786	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1863647	139.609	ug/l	98
40) Benzene	8.32	78	3959473	142.723	ug/l	97
41) Methacrylonitrile	7.48	41	317327	136.017	ug/l	94
42) 1,2-Dichloroethane	8.40	62	1021467	145.017	ug/l	100
43) Isopropyl Acetate	8.42	43	1159011	146.943	ug/l	99
44) Trichloroethene	9.09	130	1016076	137.516	ug/l	95
45) 1,2-Dichloropropane	9.37	63	989278	144.760	ug/l	99
46) Dibromomethane	9.46	93	489550	143.757	ug/l	99
47) Bromodichloromethane	9.64	83	1282307	144.616	ug/l	100
48) Methyl methacrylate	9.43	41	562464	153.489	ug/l	99
49) 1,4-Dioxane	9.44	88	148972	2772.344	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	2926307	697.197	ug/l	100
52) Toluene	10.38	92	2556396	143.835	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1347756	149.940	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1605354	148.359	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	696686	143.544	ug/l	97
56) Ethyl methacrylate	10.65	69	1005266	153.430	ug/l	99
57) 1,3-Dichloropropane	10.93	76	1239246	146.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	2469709	743.854	ug/l	99
59) 2-Hexanone	10.96	43	1970581	751.478	ug/l	99
60) Dibromochloromethane	11.13	129	838816	145.690	ug/l	99
61) 1,2-Dibromoethane	11.23	107	676802	145.138	ug/l	99
64) Tetrachloroethene	10.86	164	779035	133.218	ug/l	97
65) Chlorobenzene	11.66	112	2592837	139.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	889719	138.666	ug/l	99
67) Ethyl Benzene	11.73	91	4873159	137.487	ug/l	99
68) m/p-Xylenes	11.83	106	3653115	272.024	ug/l	98
69) o-Xylene	12.16	106	1752549	138.937	ug/l	100
70) Styrene	12.18	104	2987207	141.401	ug/l	98
71) Bromoform	12.35	173	460172	144.600	ug/l	98
73) Isopropylbenzene	12.46	105	4746089	141.641	ug/l	99
74) N-amyl acetate	12.27	43	1201656	161.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	815007	146.055	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	512967m	131.266	ug/l	
77) Bromobenzene	12.74	156	964703	137.835	ug/l	96
78) n-propylbenzene	12.80	91	5718747	141.401	ug/l	100
79) 2-Chlorotoluene	12.89	91	3233991	144.912	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	3993144	141.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	304252	157.090	ug/l	99
82) 4-Chlorotoluene	12.99	91	3413959	145.929	ug/l	97
83) tert-Butylbenzene	13.21	119	3427782	139.925	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	3952353	141.556	ug/l	99
85) sec-Butylbenzene	13.38	105	4917490	141.364	ug/l	99
86) p-Isopropyltoluene	13.50	119	4318324	138.768	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	1894970	136.789	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1900500	138.058	ug/l	99
89) n-Butylbenzene	13.82	91	4405981	144.307	ug/l	100
90) Hexachloroethane	14.09	117	853841	142.988	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1692896	136.391	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	126749	142.072	ug/l	100

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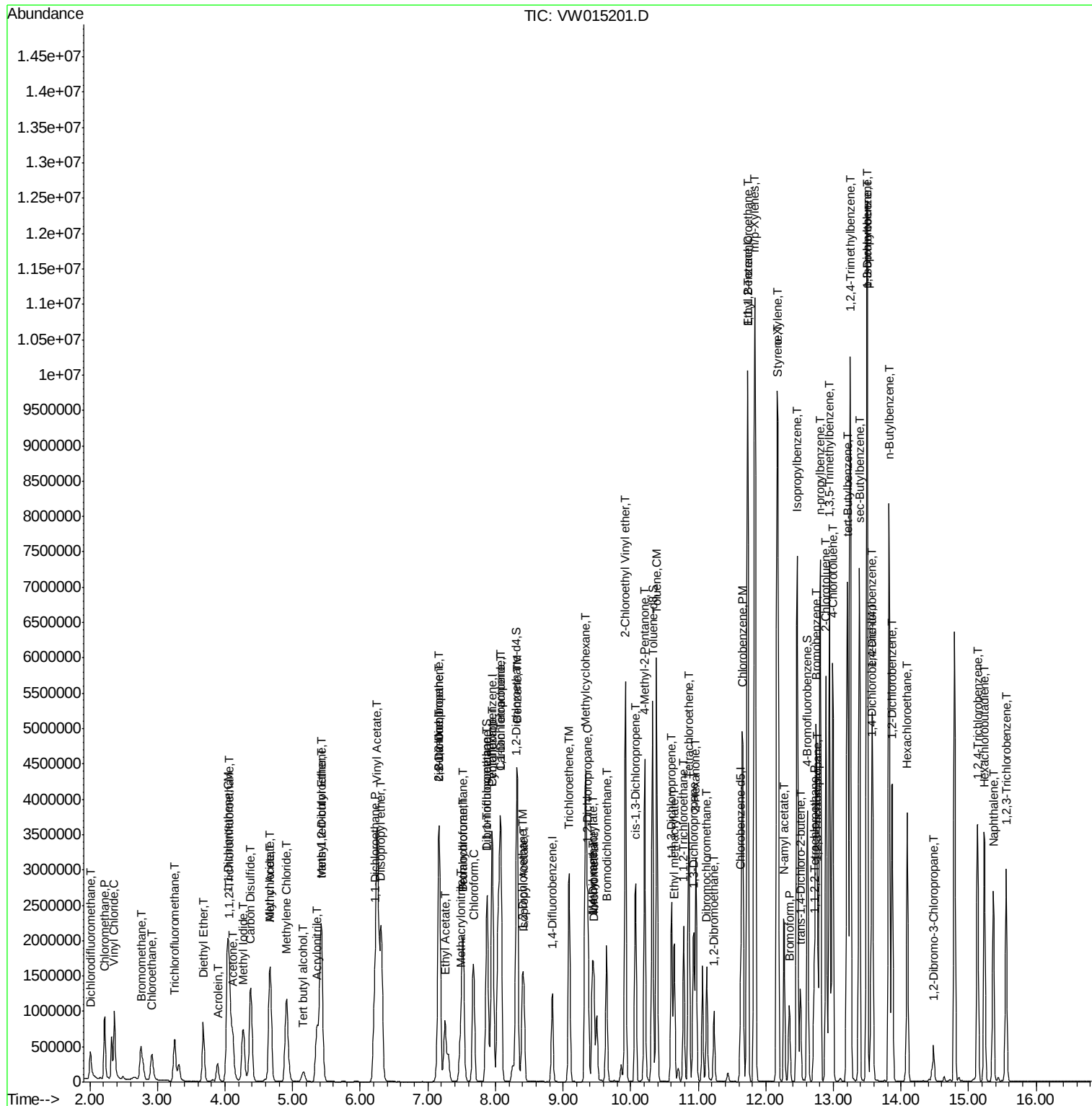
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

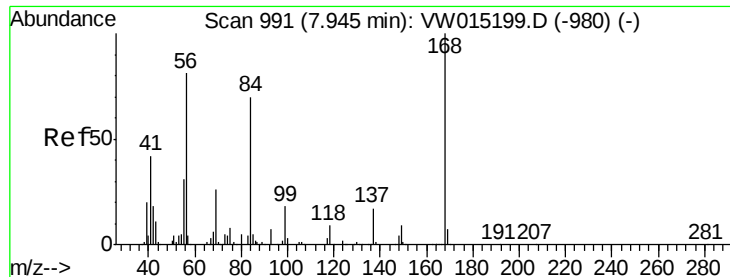
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	1127693	137.791	ug/l	99
94) Hexachlorobutadiene	15.24	225	636404	134.165	ug/l	99
95) Naphthalene	15.36	128	2291164	147.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	974314	138.789	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

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ClientSampleId :

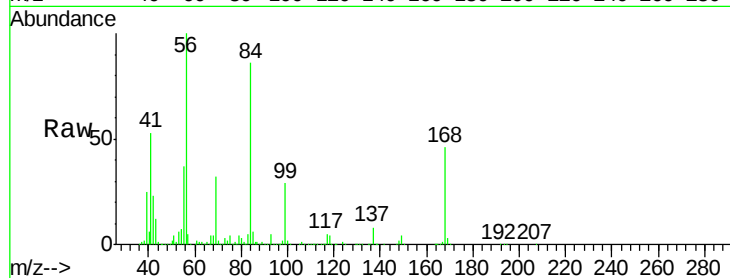
VSTDIC150

Tot Ion:168 Resp: 600763

Ion Ratio Lower Upper

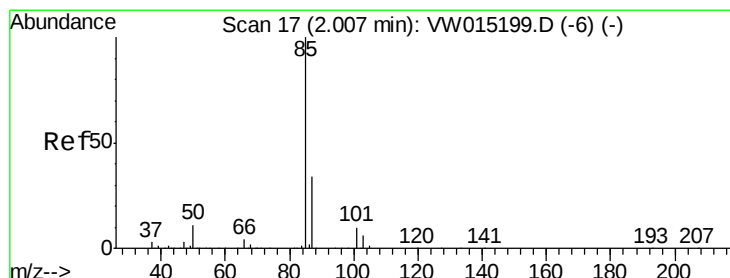
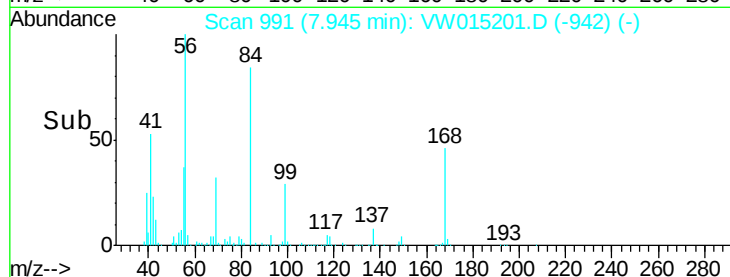
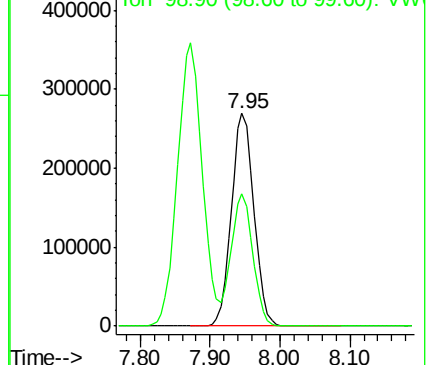
168 100

99 62.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 169.265 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015201.D

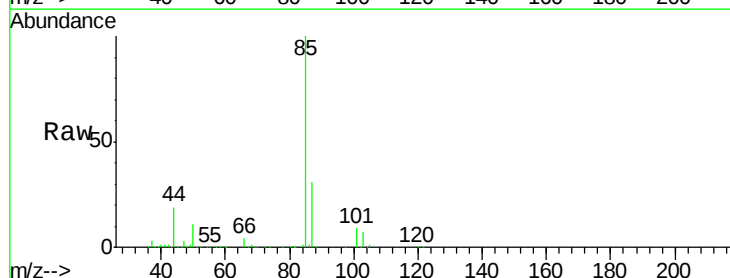
Acq: 15 Apr 2020 14:07

Tgt Ion: 85 Resp: 573859

Ion Ratio Lower Upper

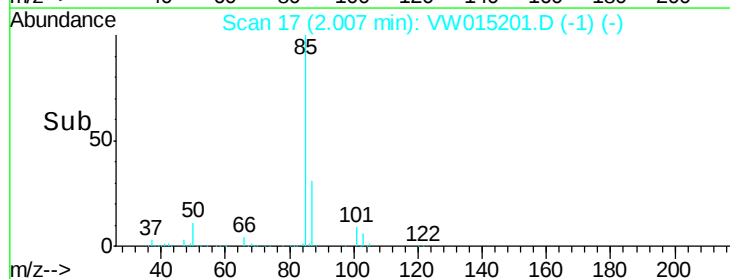
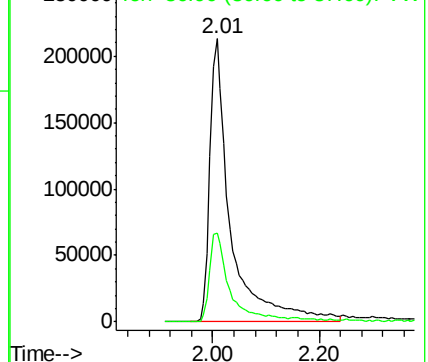
85 100

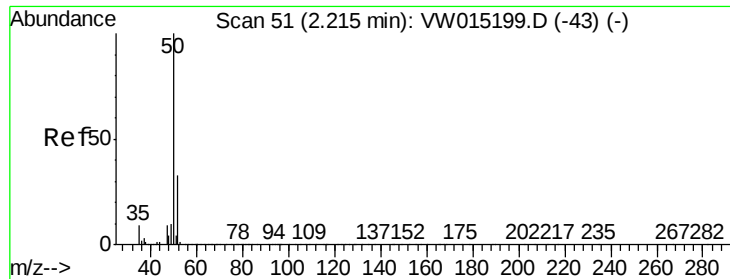
87 31.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 162.100 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

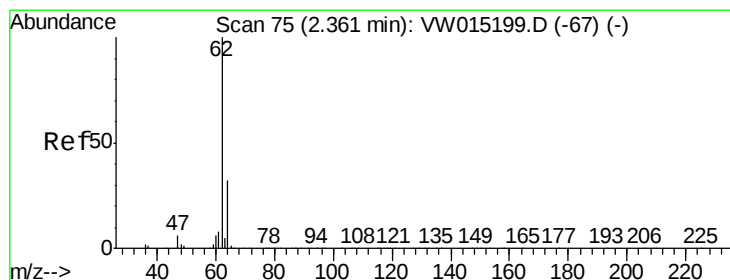
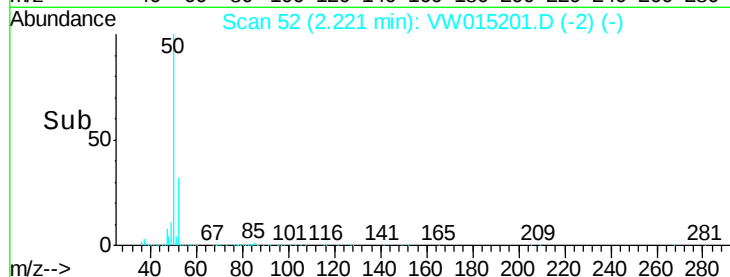
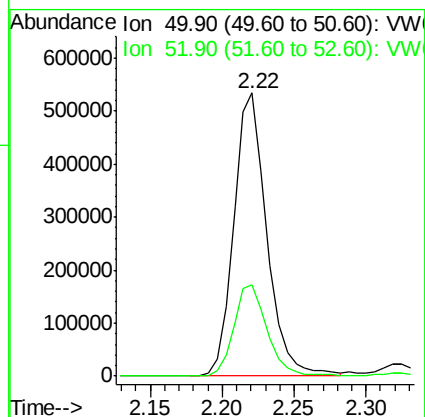
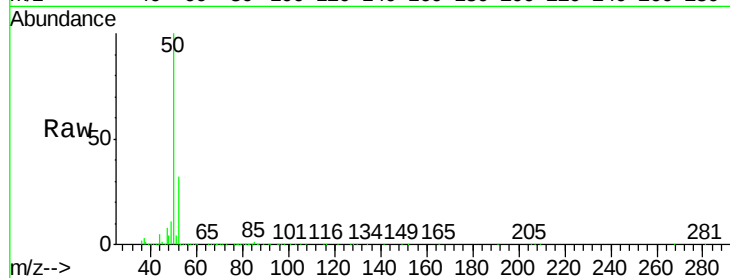
VSTDIC150

Tot Ion: 50 Resp: 848763

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 160.280 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015201.D

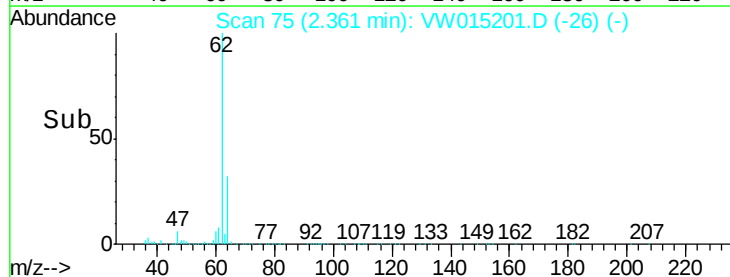
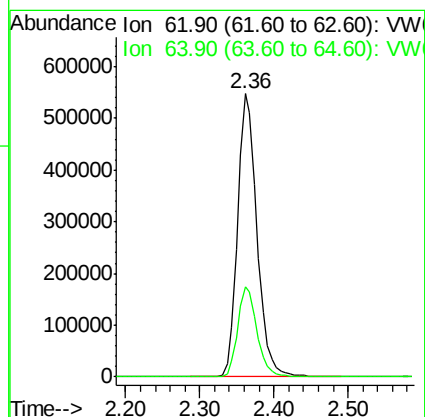
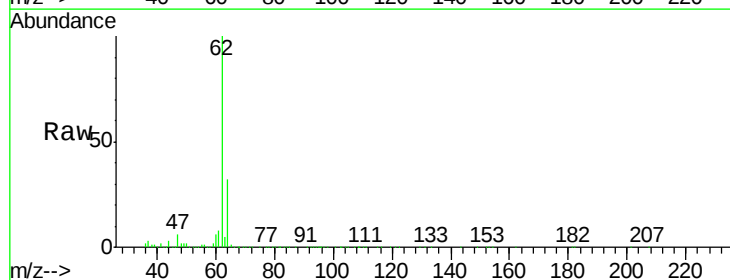
Acq: 15 Apr 2020 14:07

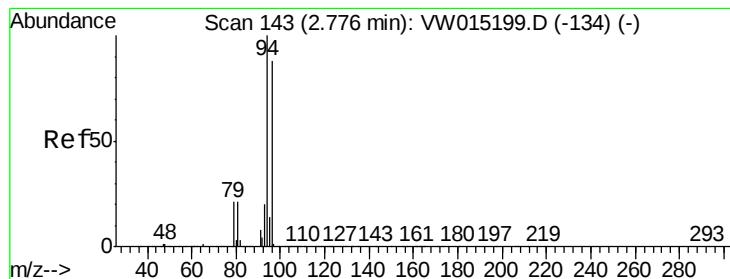
Tgt Ion: 62 Resp: 1002947

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 152.863 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

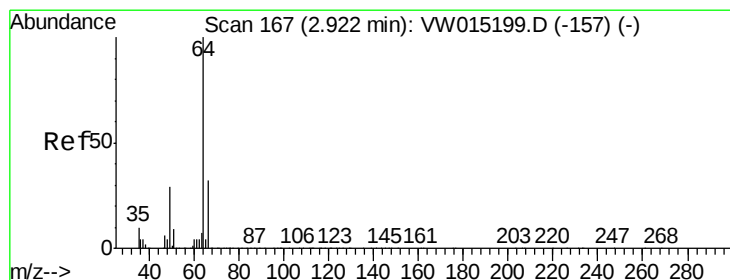
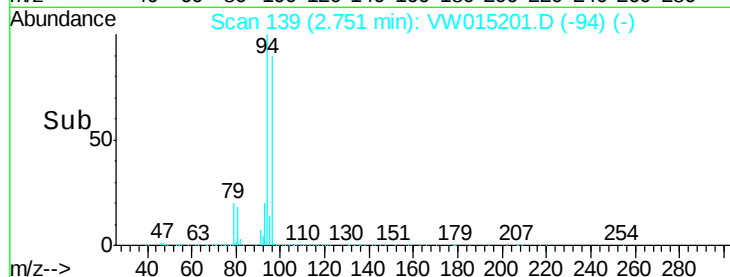
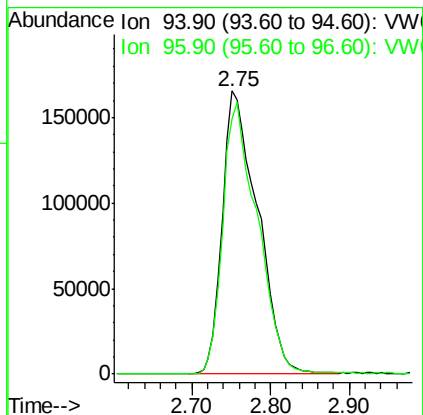
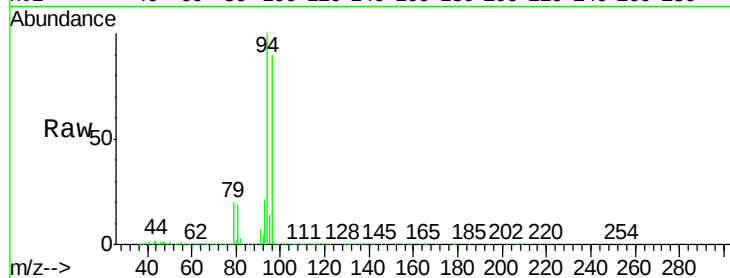
VSTDIC150

Tot Ion: 94 Resp: 512848

Ion Ratio Lower Upper

94 100

96 90.2 70.4 105.6



#6

Chloroethane

Concen: 155.443 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015201.D

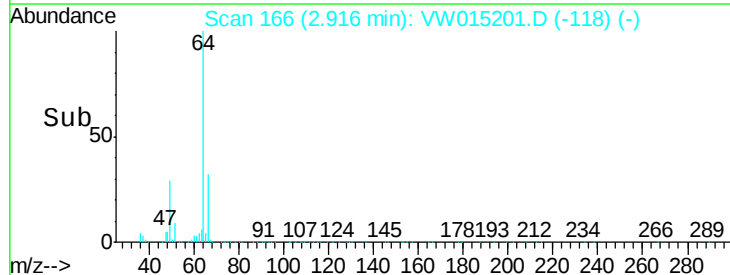
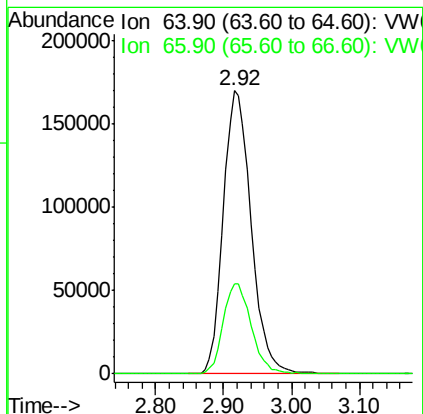
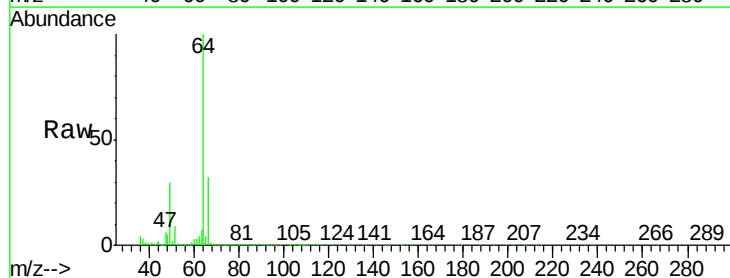
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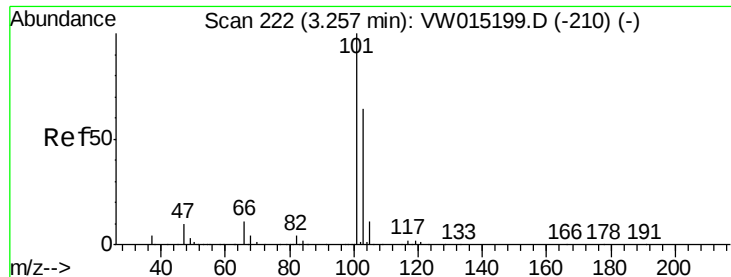
Tgt Ion: 64 Resp: 483474

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



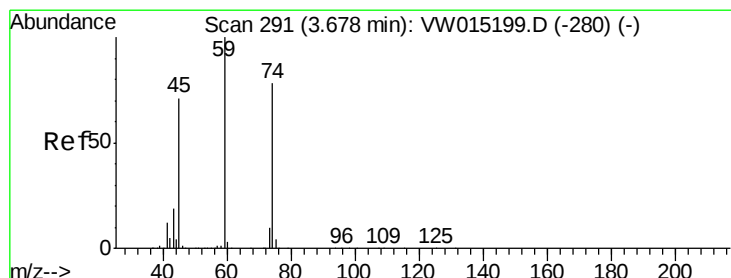
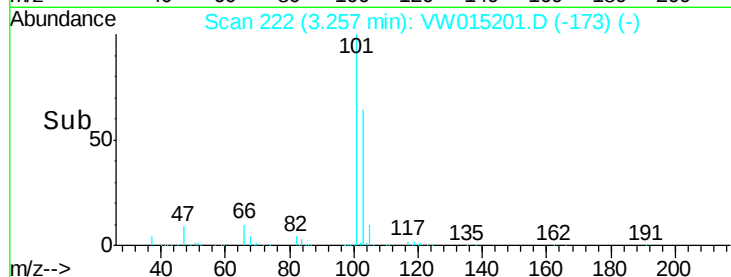
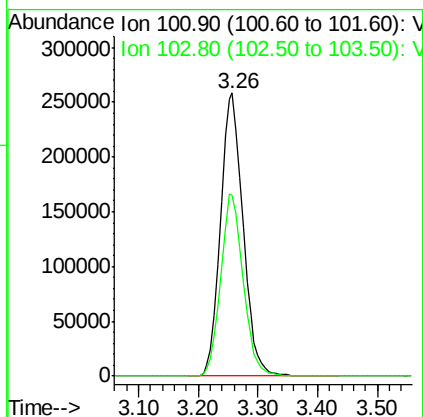
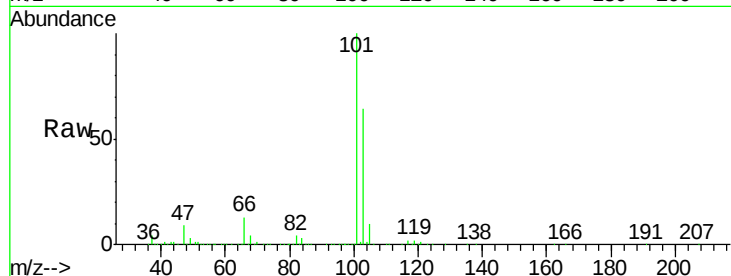


#7

Trichlorofluoromethane
 Concen: 173.156 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

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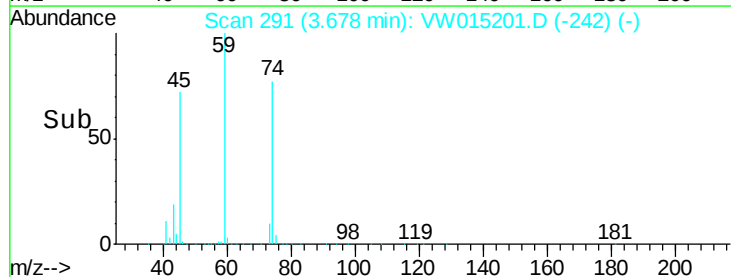
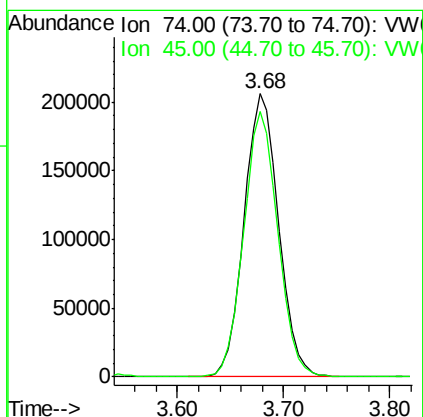
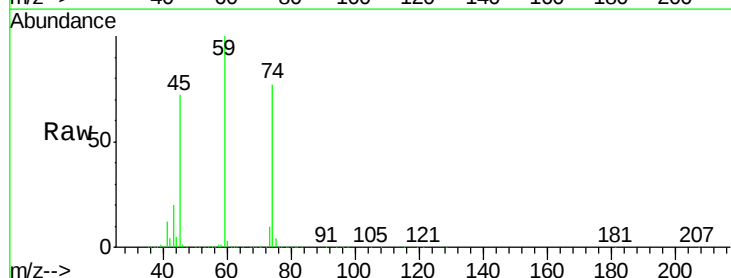
Tot Ion:101 Resp: 680082
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9

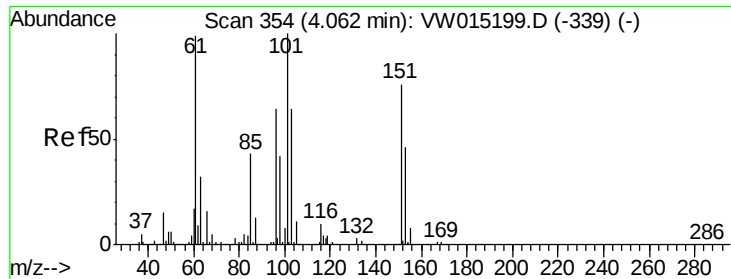


#8

Diethyl Ether
 Concen: 149.948 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 74 Resp: 469586
 Ion Ratio Lower Upper
 74 100
 45 92.7 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.925 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

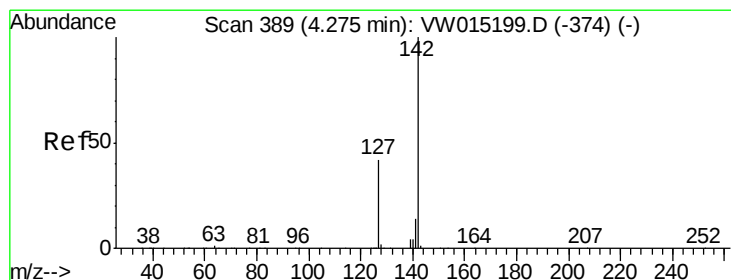
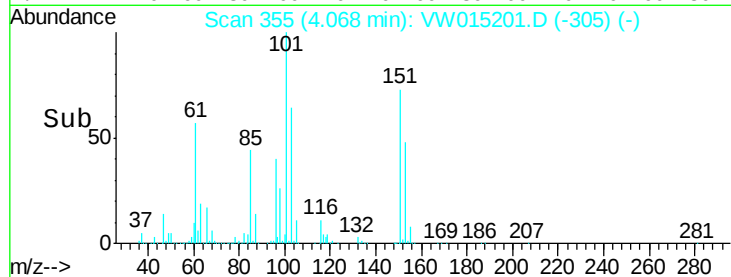
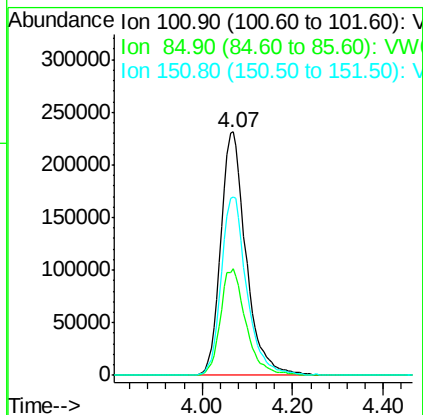
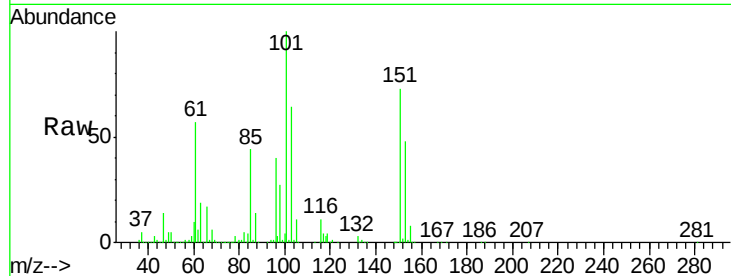
Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	897137
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.3	52.9
151	74.2	59.3	88.9



#10

Methyl Iodide

Concen: 149.258 ug/l

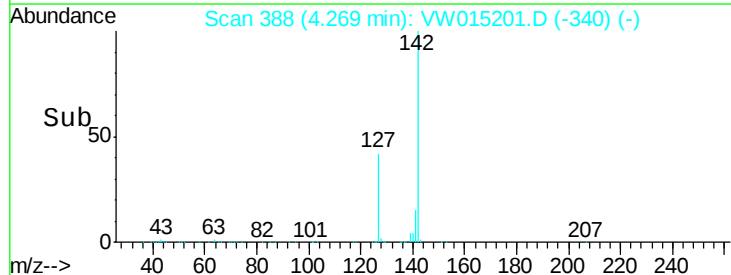
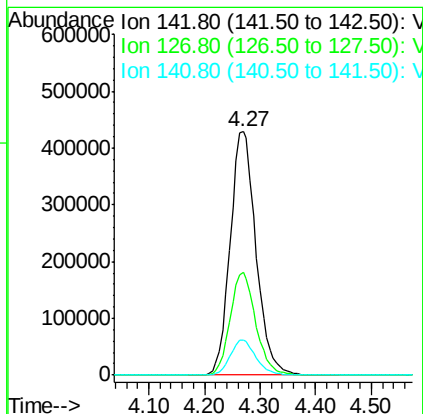
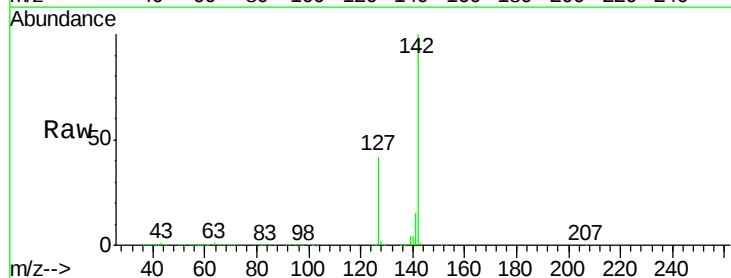
RT: 4.27 min Scan# 388

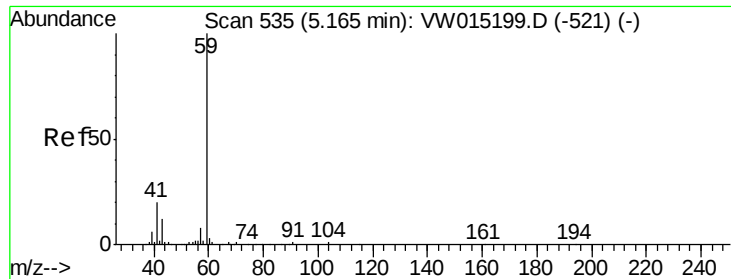
Delta R.T. -0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Tgt Ion:	142	Resp:	1375462
Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.9	50.9
141	14.3	11.4	17.2



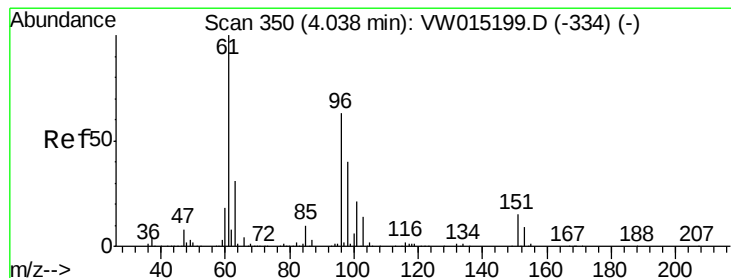
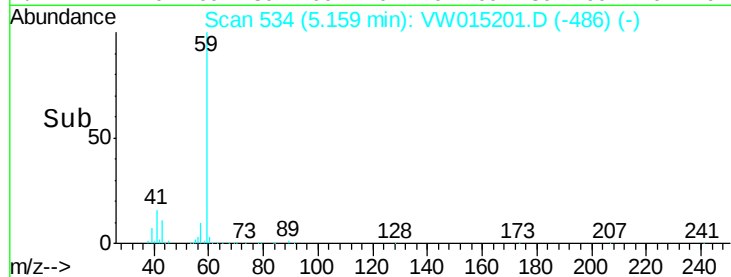
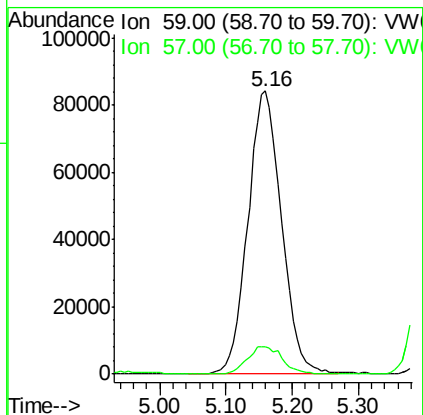
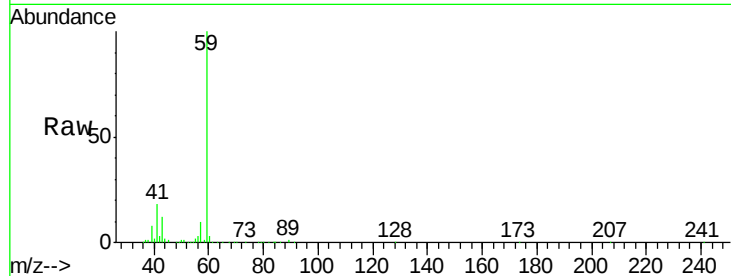


#11

Tert butyl alcohol
 Concen: 754.788 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

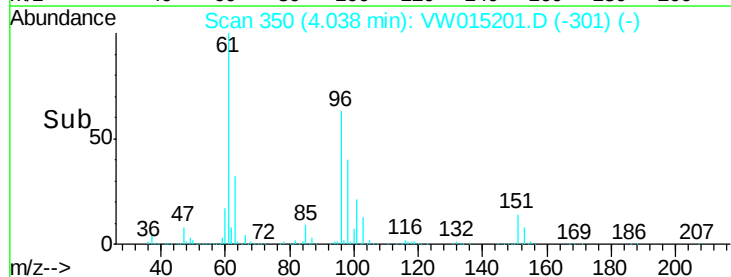
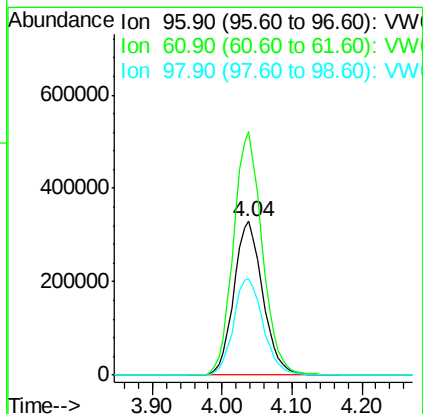
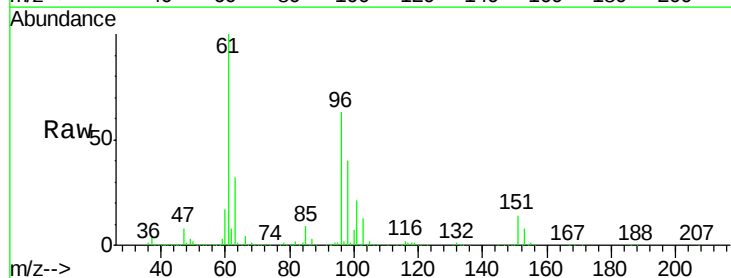
Tot Ion: 59 Resp: 298359
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

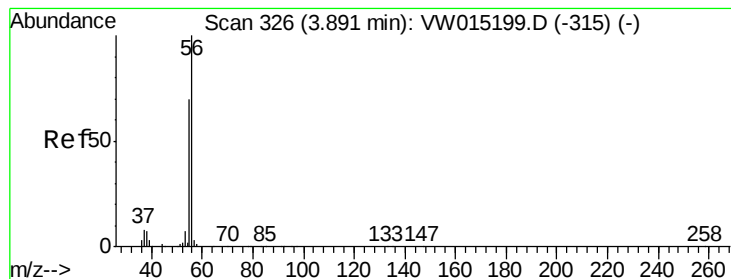


#12

1,1-Dichloroethene
 Concen: 148.007 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 96 Resp: 946289
 Ion Ratio Lower Upper
 96 100
 61 158.6 127.0 190.4
 98 62.7 51.0 76.4





#13

Acrolein

Concen: 733.188 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

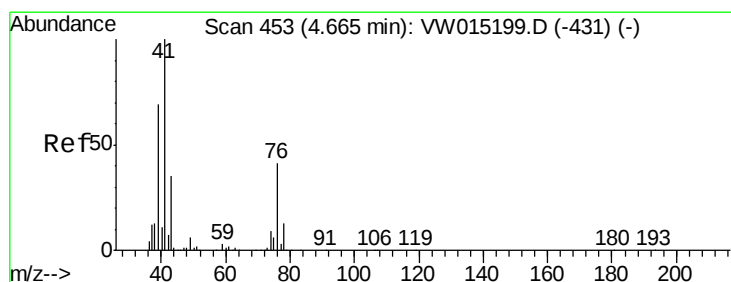
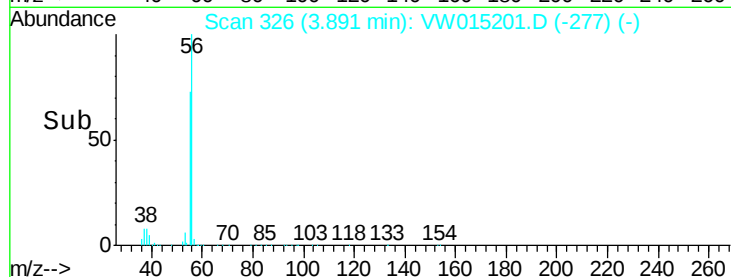
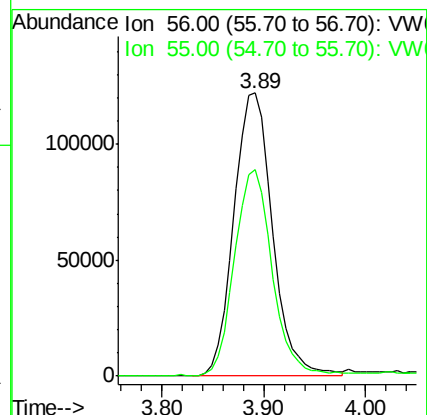
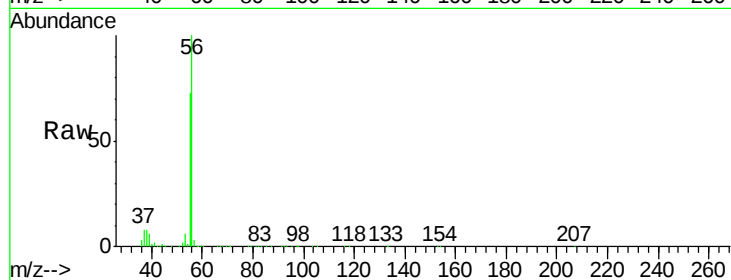
VSTDIC150

Tot Ion: 56 Resp: 319058

Ion Ratio Lower Upper

56 100

55 71.0 56.2 84.2



#14

Allyl chloride

Concen: 152.735 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

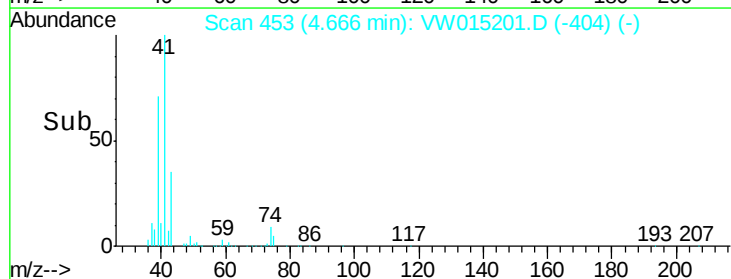
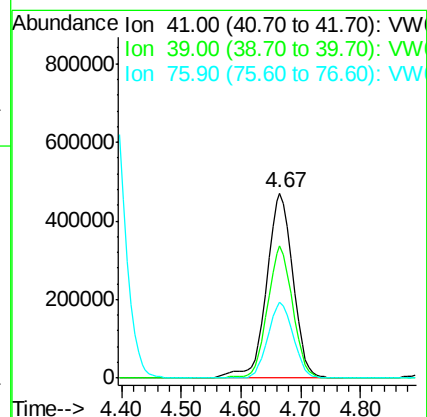
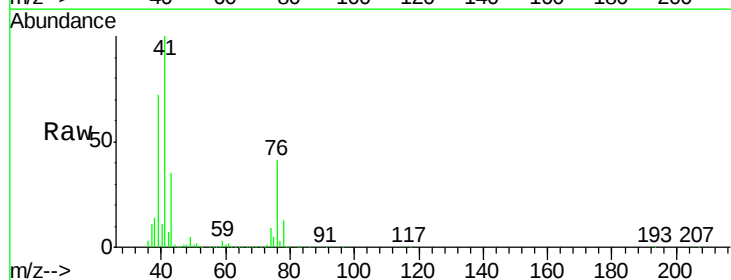
Tgt Ion: 41 Resp: 1438414

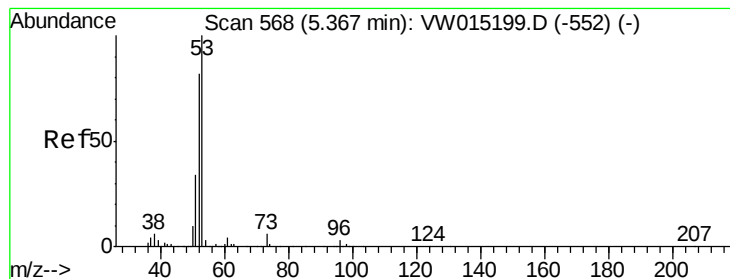
Ion Ratio Lower Upper

41 100

39 68.2 54.0 81.0

76 39.1 31.8 47.6





#15

Acrylonitrile

Concen: 756.642 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

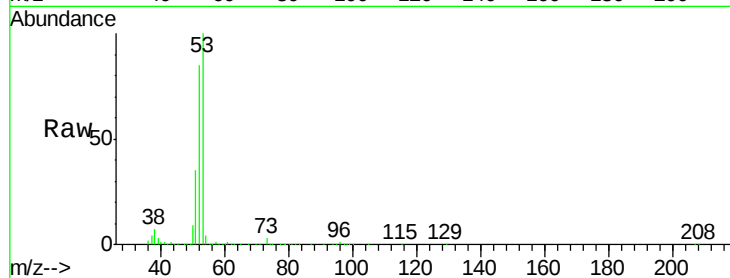
Tot Ion: 53 Resp: 991693

Ion Ratio Lower Upper

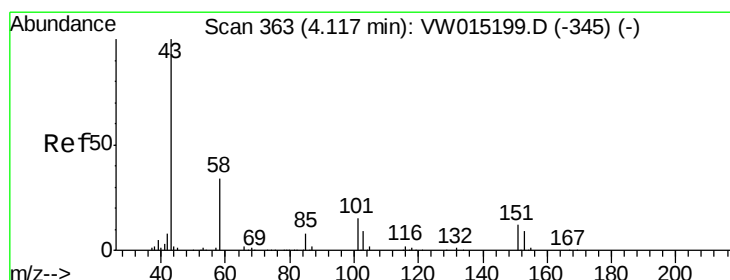
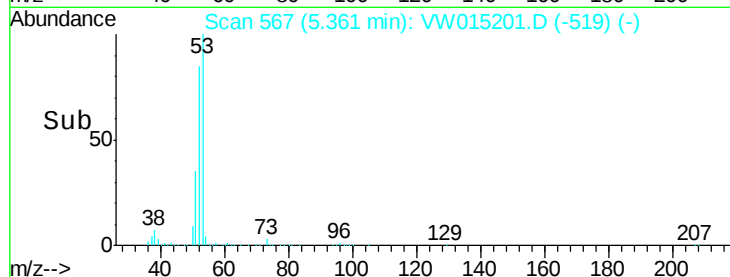
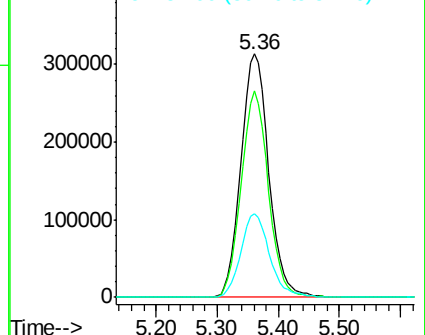
53 100

52 82.6 65.2 97.8

51 35.4 28.2 42.4



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



#16

Acetone

Concen: 694.786 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015201.D

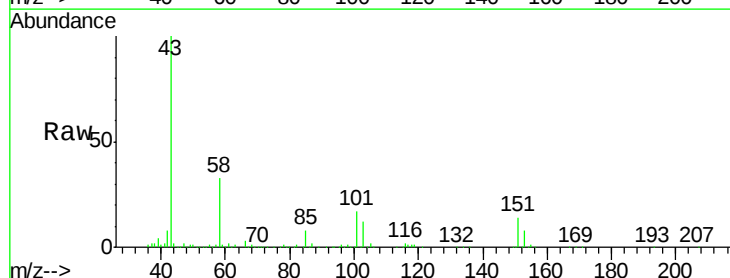
Acq: 15 Apr 2020 14:07

Tgt Ion: 43 Resp: 724182

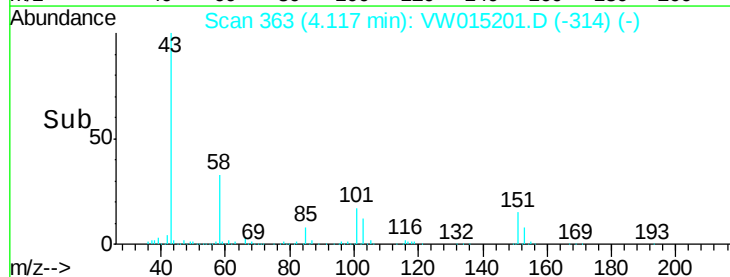
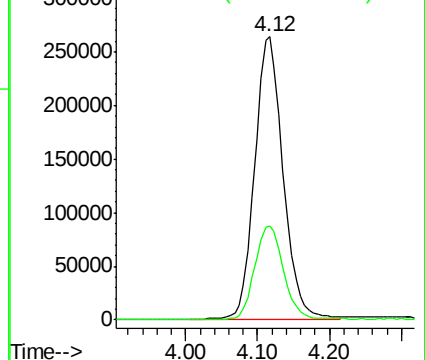
Ion Ratio Lower Upper

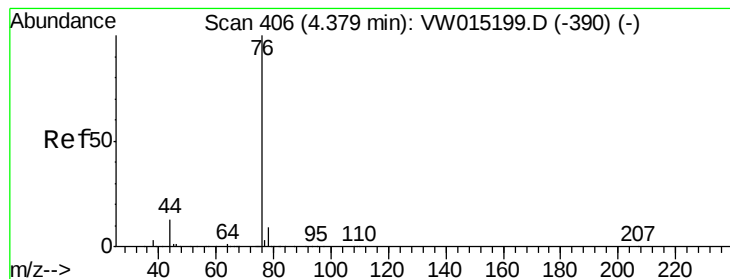
43 100

58 33.0 27.0 40.4



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





#17

Carbon Disulfide

Concen: 151.480 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

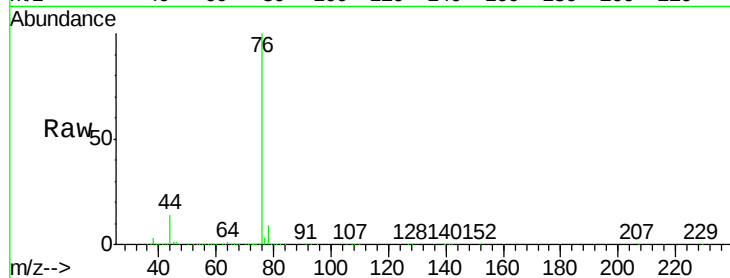
VSTDIC150

Tot Ion: 76 Resp: 2925519

Ion Ratio Lower Upper

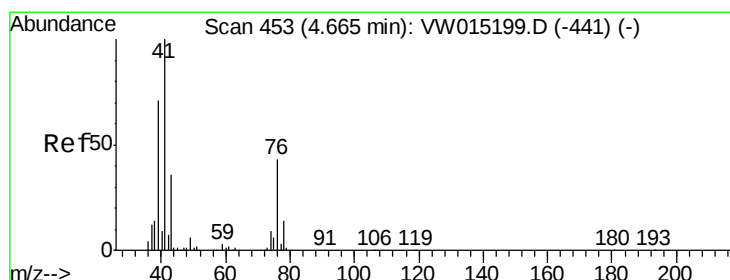
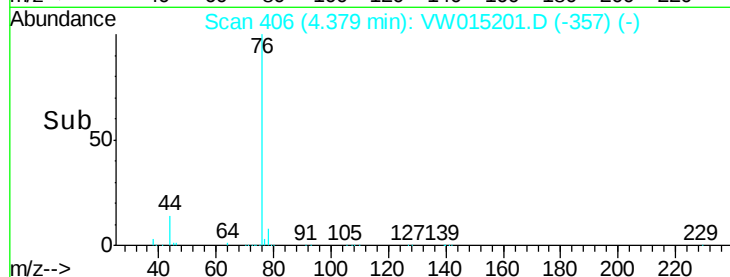
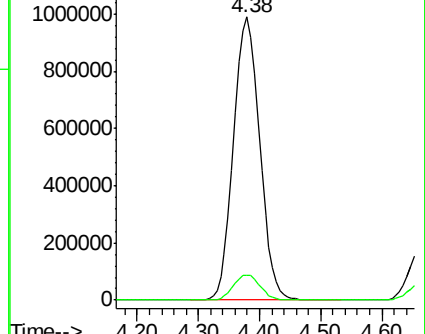
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 149.601 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015201.D

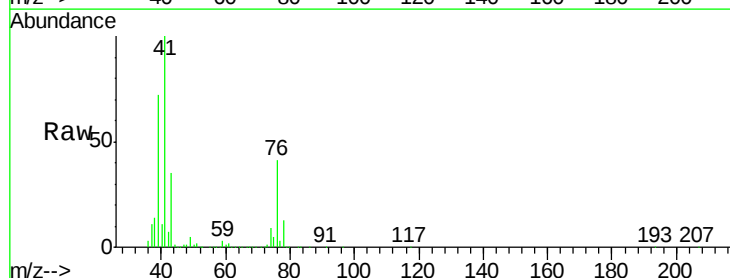
Acq: 15 Apr 2020 14:07

Tgt Ion: 43 Resp: 476110

Ion Ratio Lower Upper

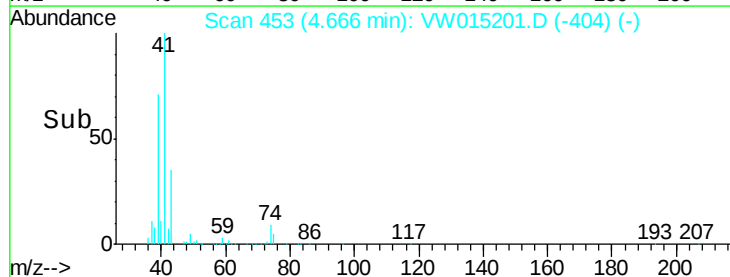
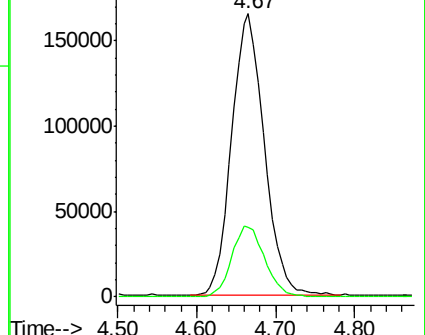
43 100

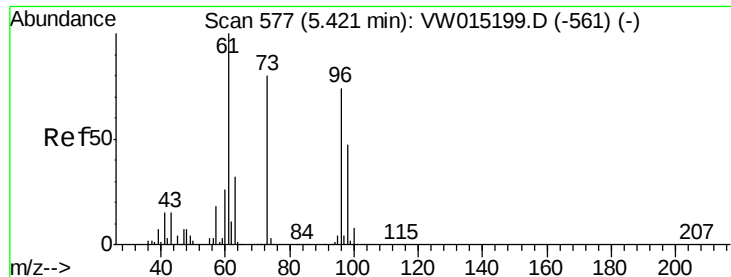
74 25.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



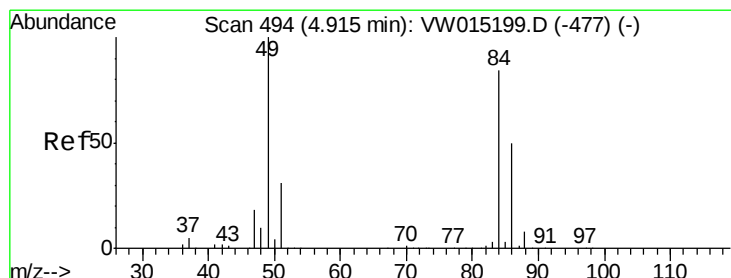
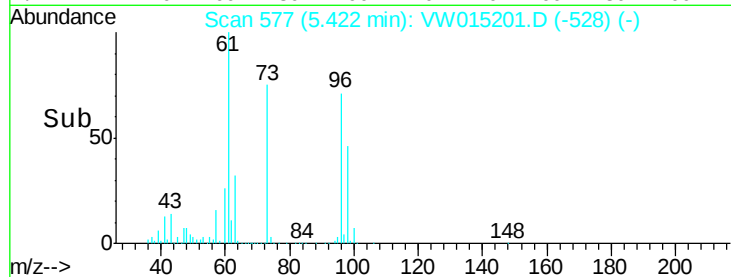
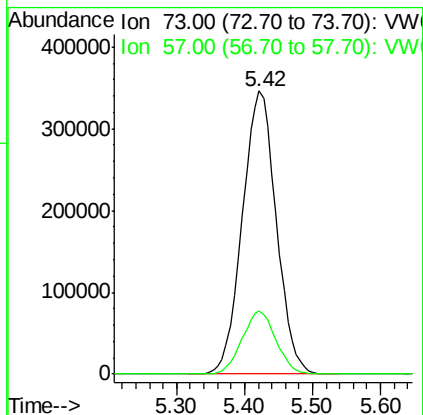
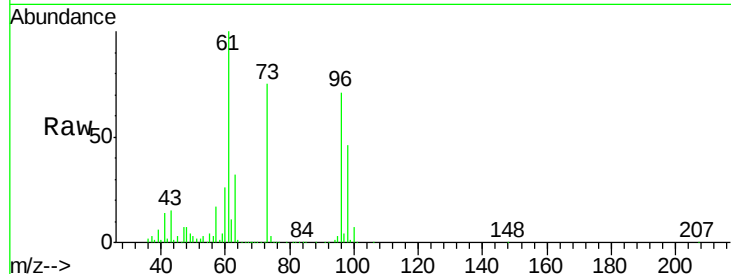


#19

Methyl tert-butyl Ether
 Concen: 142.839 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

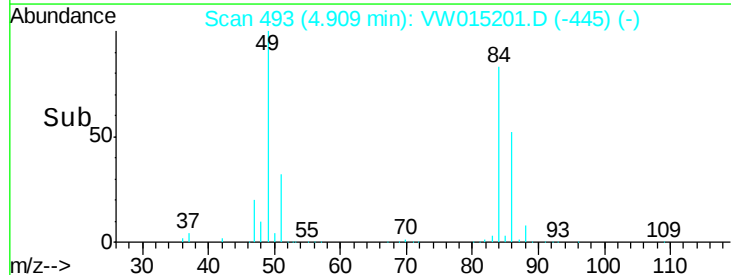
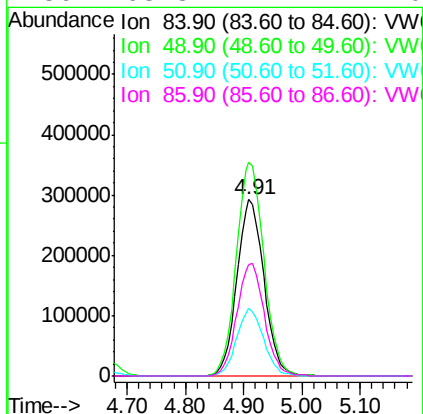
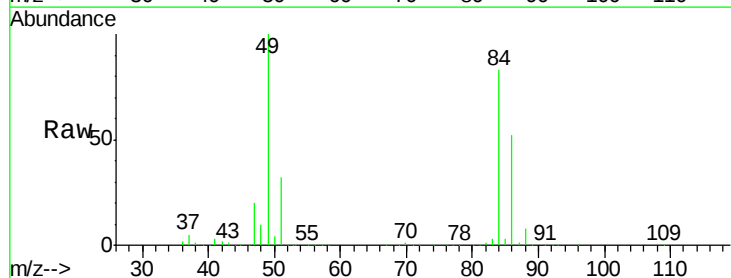
Tot Ion: 73 Resp: 1198787
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.6

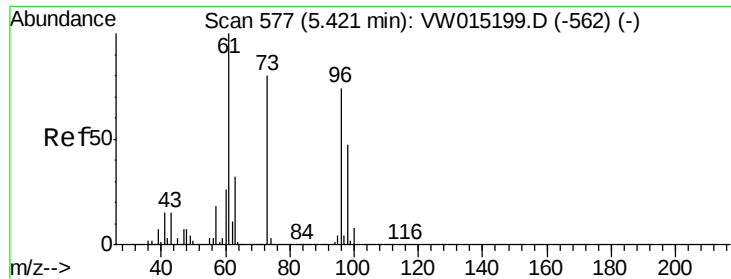


#20

Methylene Chloride
 Concen: 129.965 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 84 Resp: 944786
 Ion Ratio Lower Upper
 84 100
 49 120.9 95.4 143.0
 51 38.4 29.8 44.8
 86 63.3 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 148.597 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

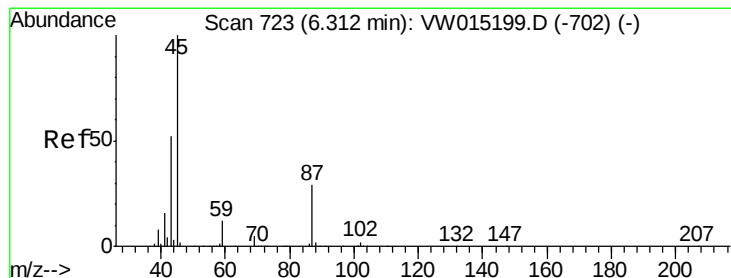
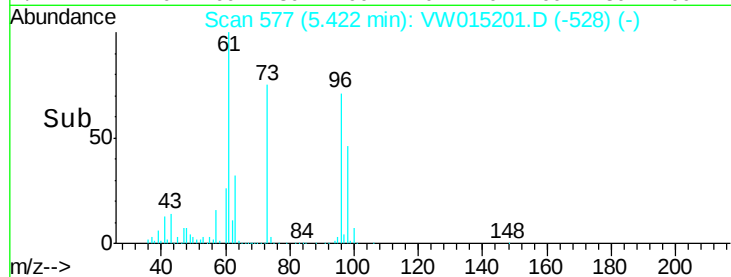
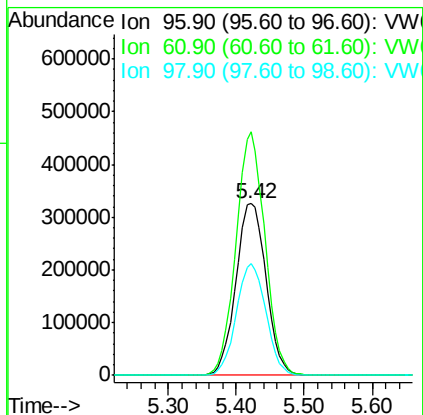
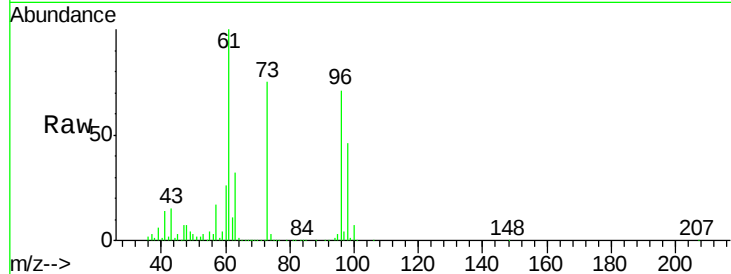
Tot Ion: 96 Resp: 1006355

Ion Ratio Lower Upper

96 100

61 141.8 107.8 161.6

98 65.0 50.2 75.2



#22

Diisopropyl ether

Concen: 154.877 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Tgt Ion: 45 Resp: 2910511

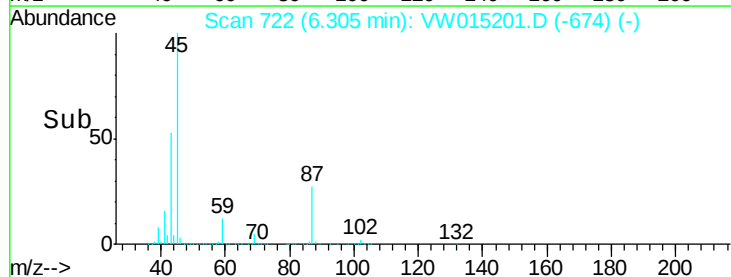
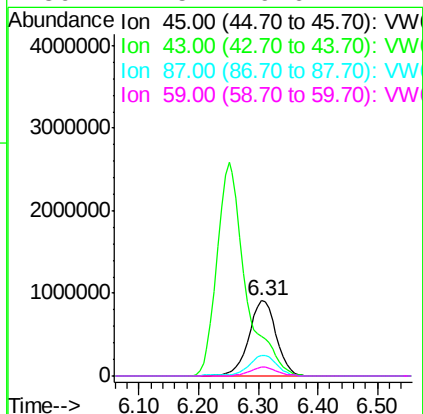
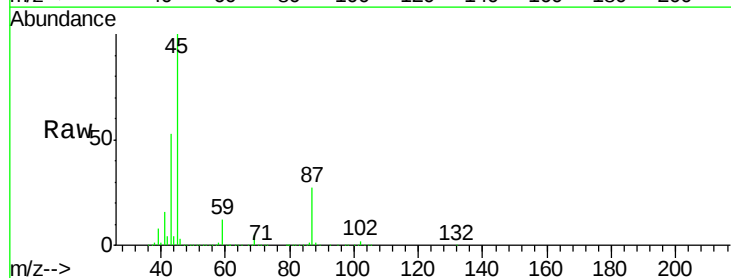
Ion Ratio Lower Upper

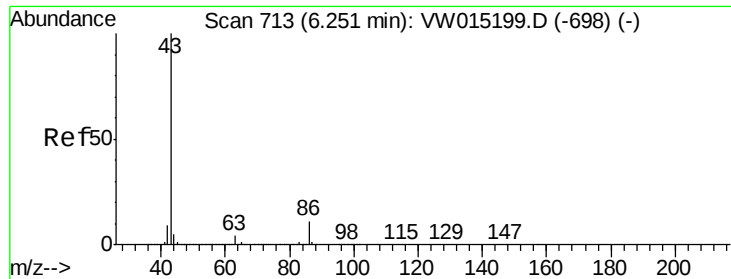
45 100

43 52.9 41.8 62.6

87 27.3 23.2 34.8

59 11.5 9.6 14.4

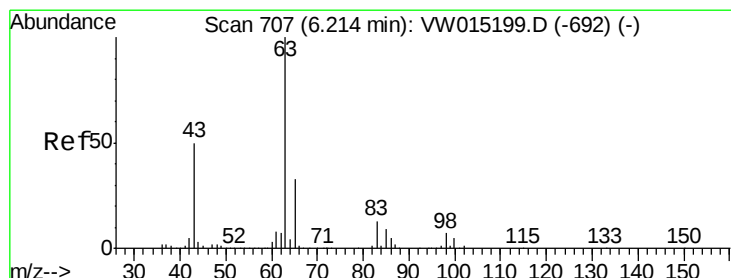
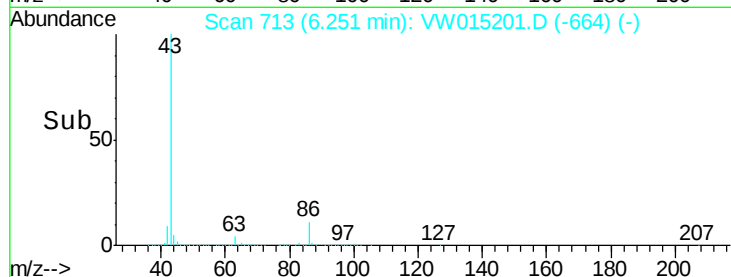
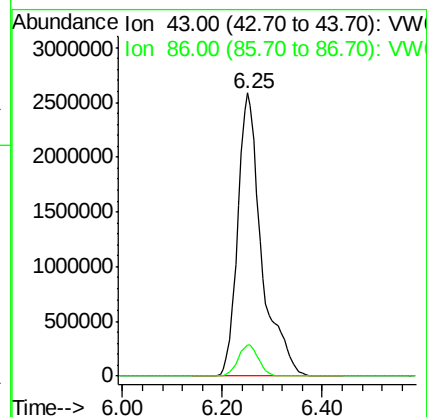
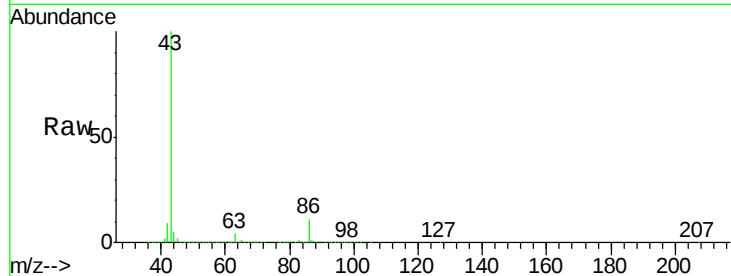




#23
 Vinyl Acetate
 Concen: 785.875 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

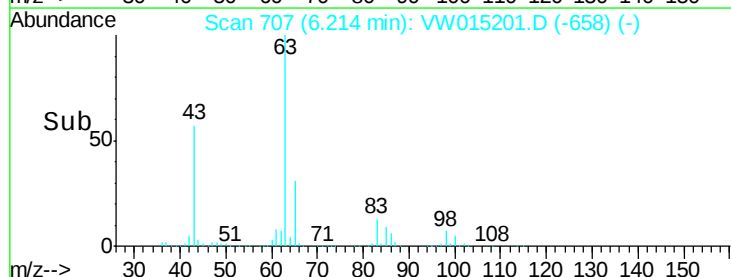
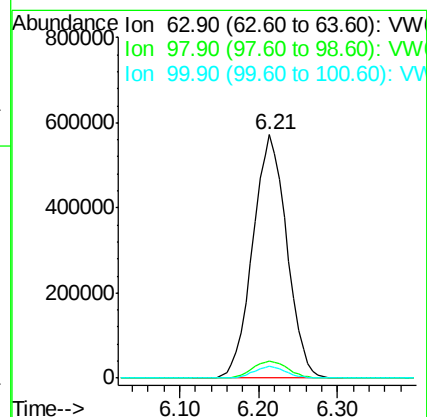
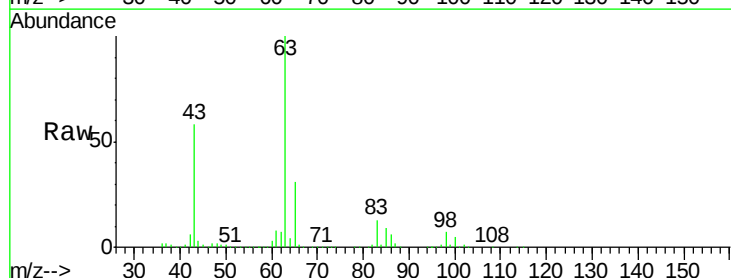
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

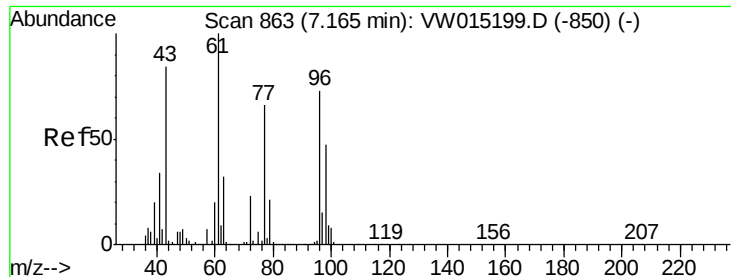
Tot Ion: 43 Resp: 8559190
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 151.515 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 63 Resp: 1710626
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 759.847 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

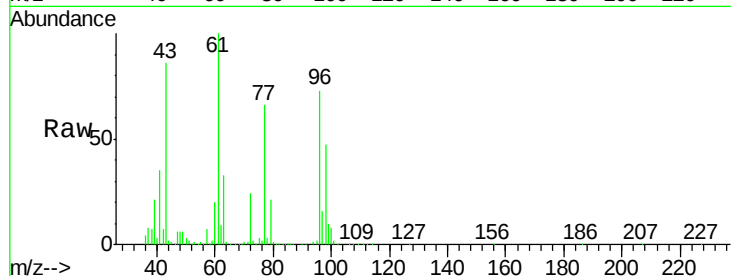
VSTDIC150

Tot Ion: 43 Resp: 1239287

Ion Ratio Lower Upper

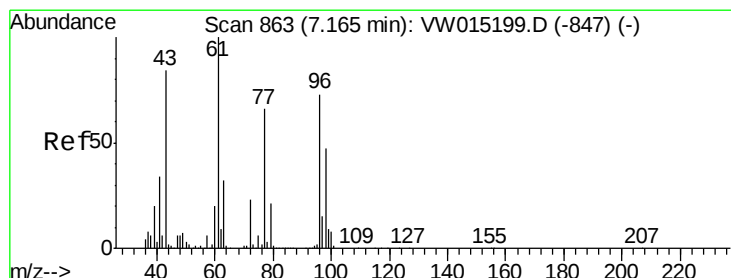
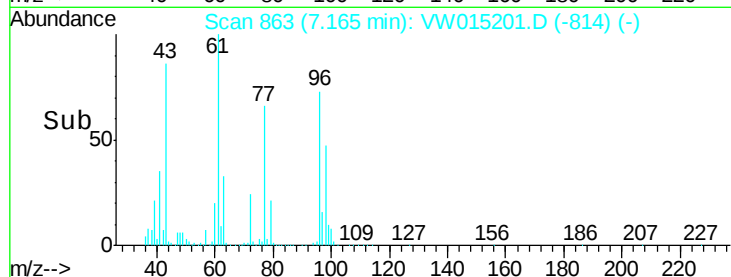
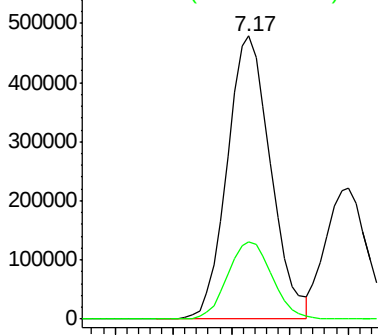
43 100

72 27.5 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 138.189 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015201.D

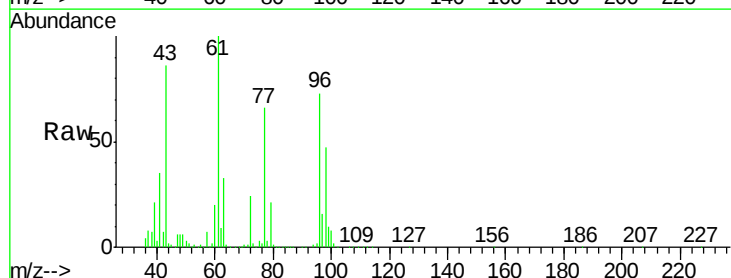
Acq: 15 Apr 2020 14:07

Tgt Ion: 77 Resp: 1053100

Ion Ratio Lower Upper

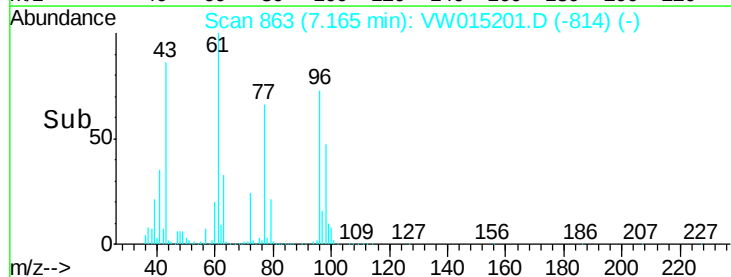
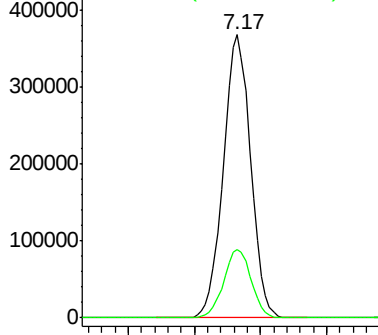
77 100

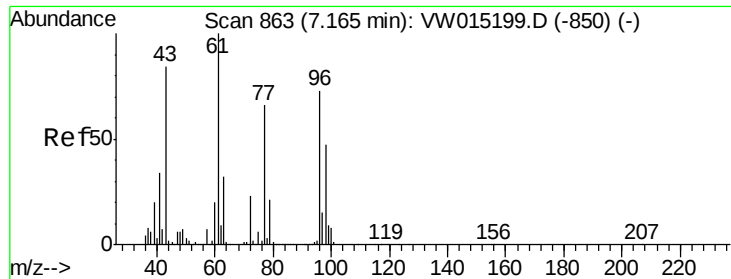
97 24.3 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



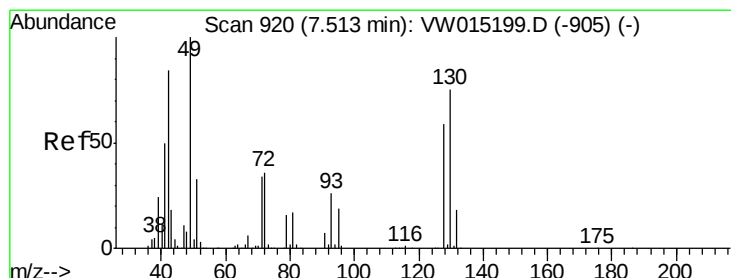
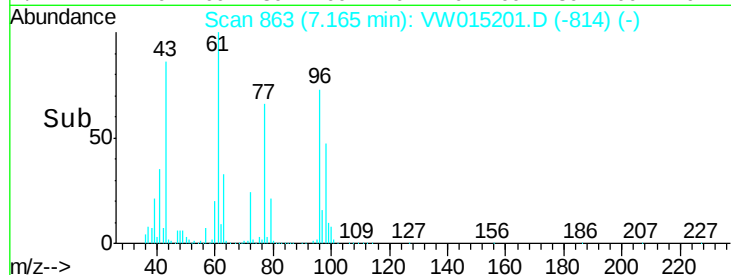
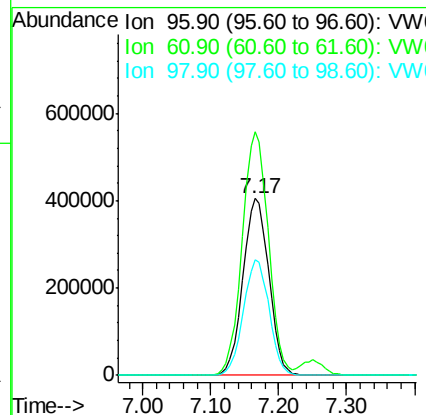
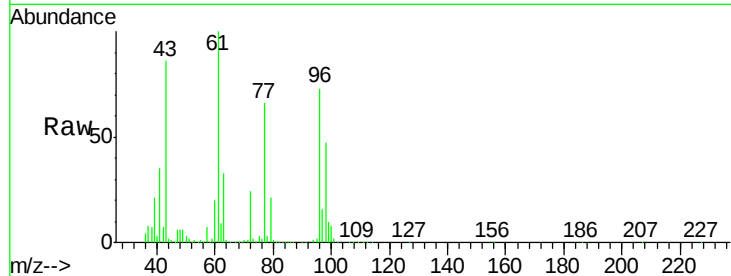


#27

cis-1,2-Dichloroethene
Concen: 148.414 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

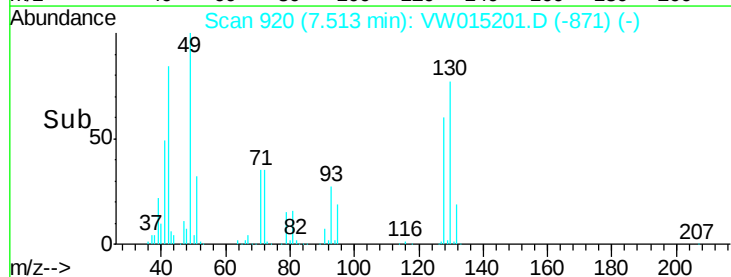
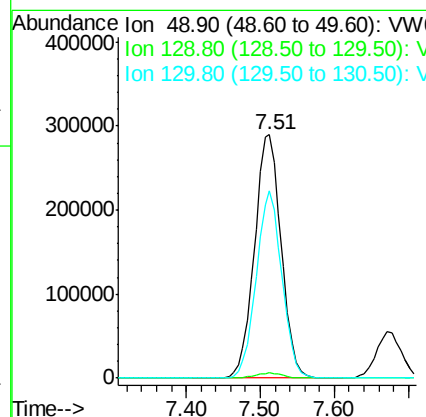
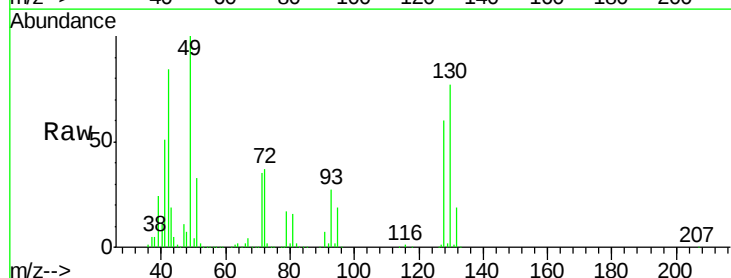
Tot Ion: 96 Resp: 1075393
Ion Ratio Lower Upper
96 100
61 138.6 0.0 275.0
98 64.5 0.0 130.8

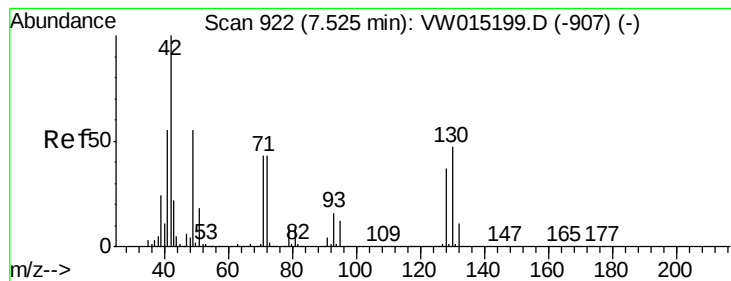


#28

Bromochloromethane
Concen: 157.849 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion: 49 Resp: 726925
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 74.1 60.9 91.3





#29

Tetrahydrofuran

Concen: 769.063 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

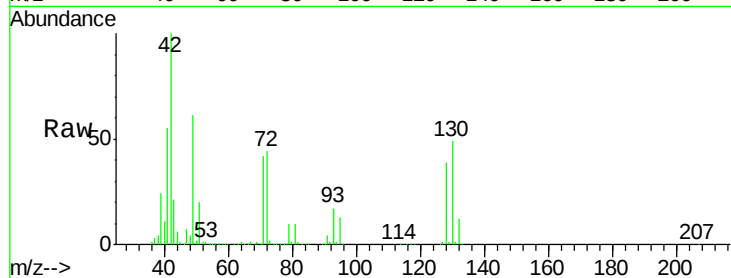
Tot Ion: 42 Resp: 822340

Ion Ratio Lower Upper

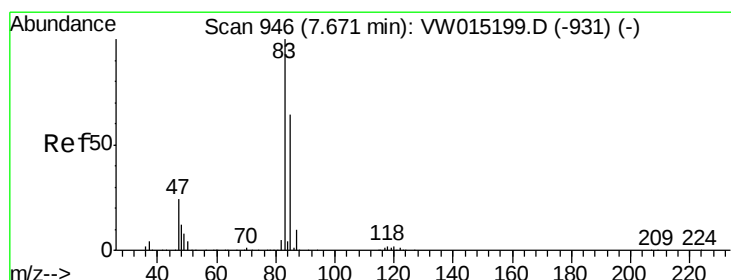
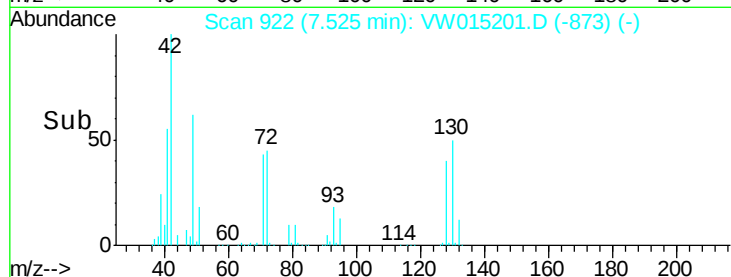
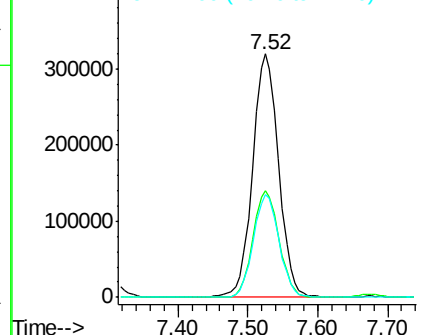
42 100

72 44.0 36.2 54.2

71 42.0 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 149.066 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW015201.D

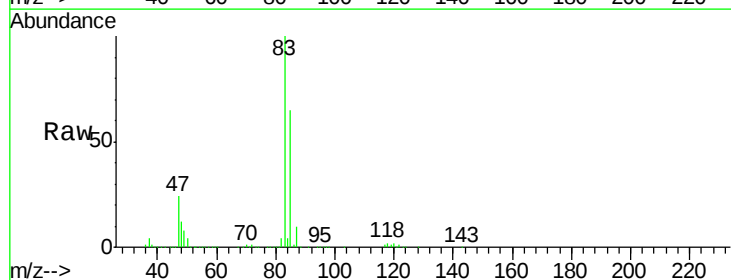
Acq: 15 Apr 2020 14:07

Tgt Ion: 83 Resp: 1643558

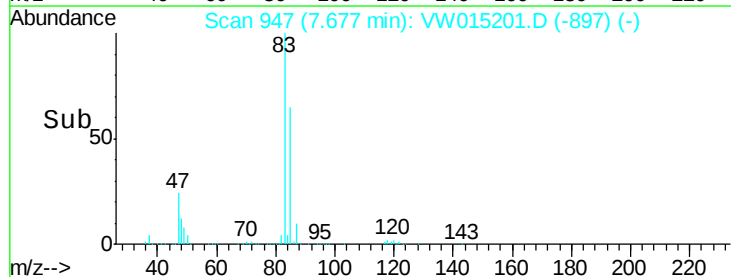
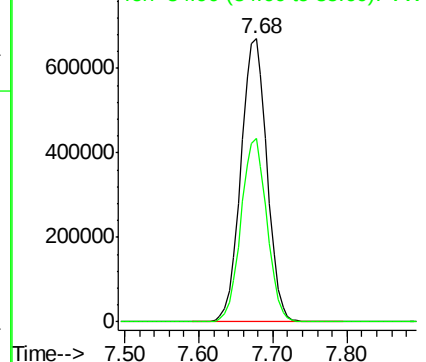
Ion Ratio Lower Upper

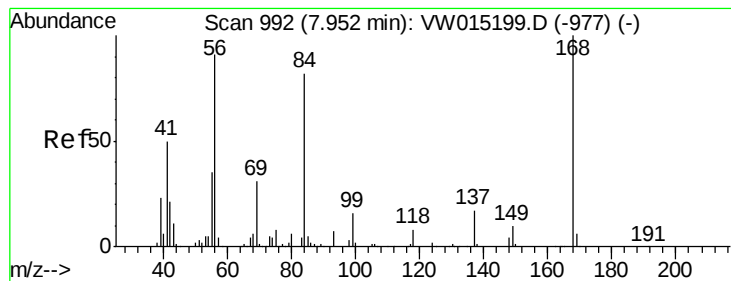
83 100

85 64.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cvclohexane

Concen: 136.753 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

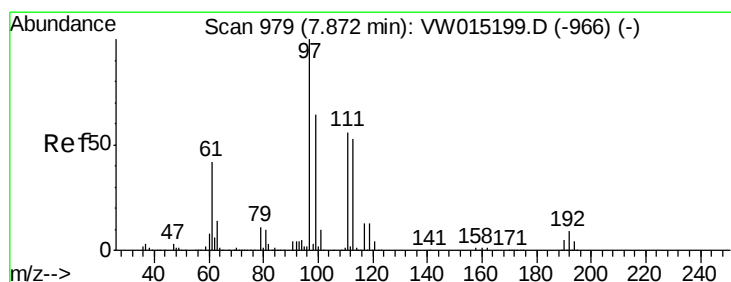
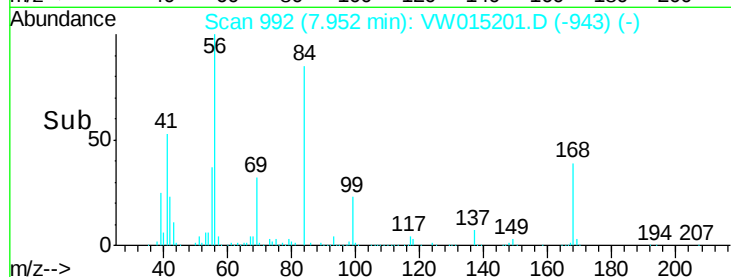
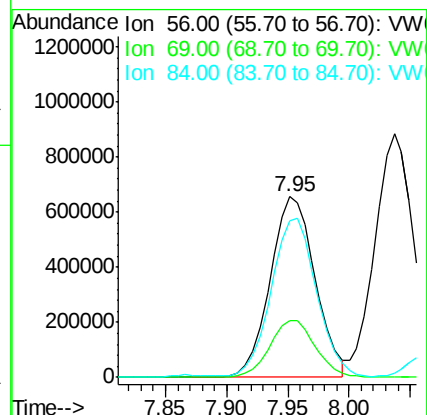
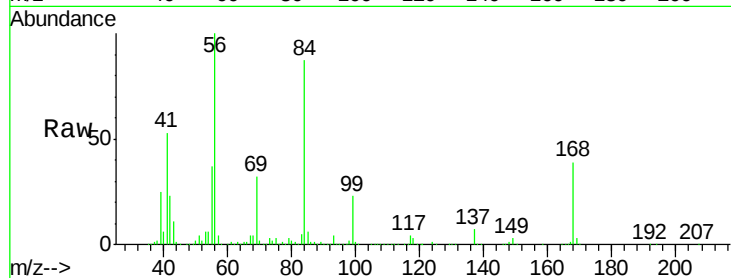
Tot Ion: 56 Resp: 1675922

Ion Ratio Lower Upper

56 100

69 31.6 27.1 40.7

84 85.9 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 146.362 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

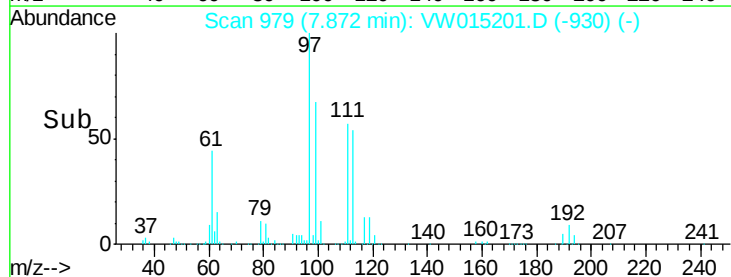
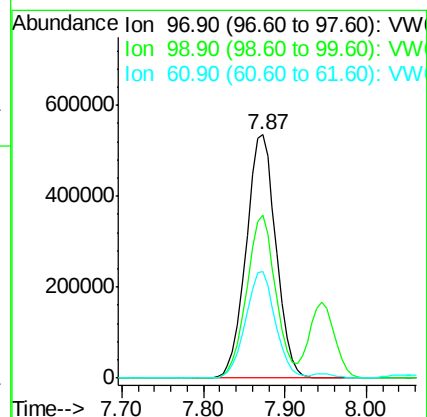
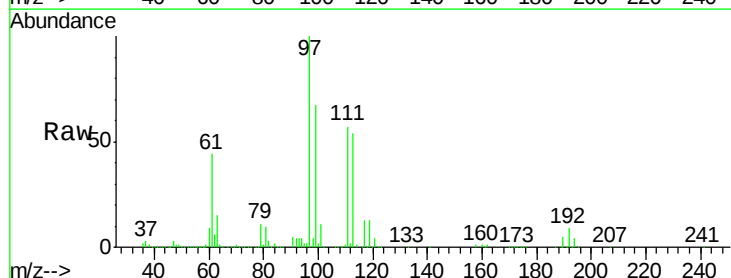
Tgt Ion: 97 Resp: 1359093

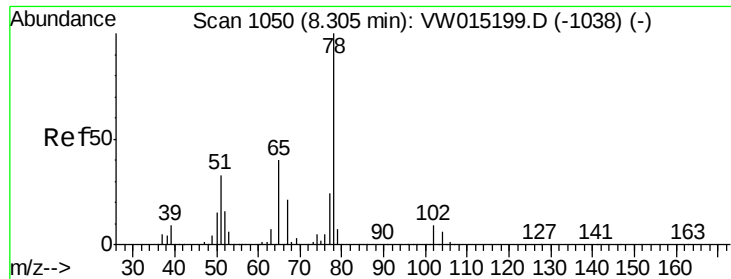
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 151.997 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

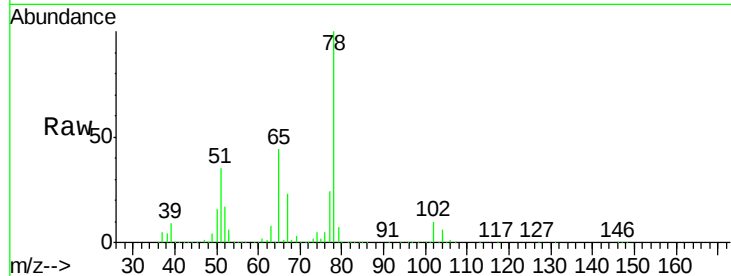
VSTDIC150

Tot Ion: 65 Resp: 854021

Ion Ratio Lower Upper

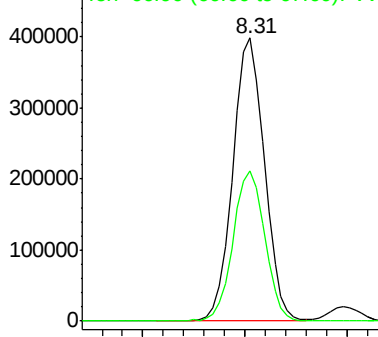
65 100

67 53.5 0.0 107.0

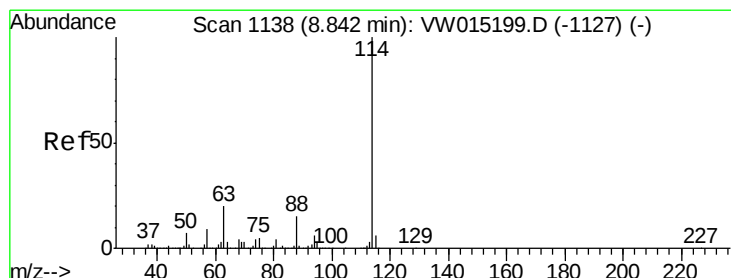
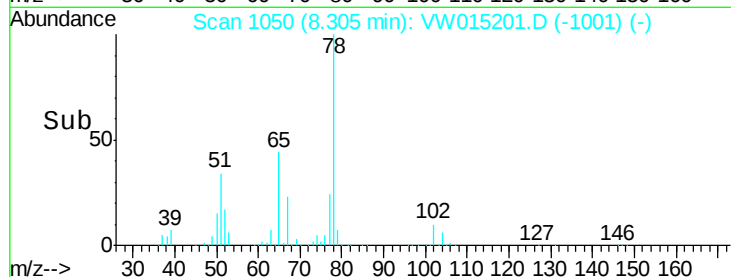


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

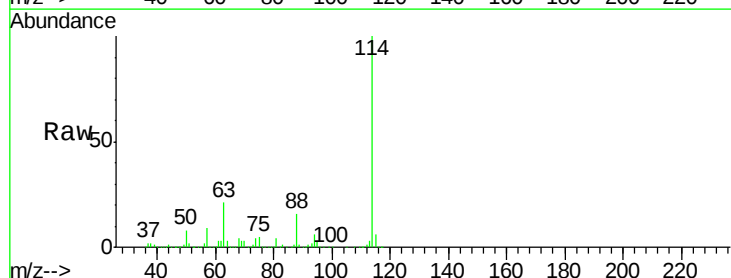
Tgt Ion: 114 Resp: 1072392

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

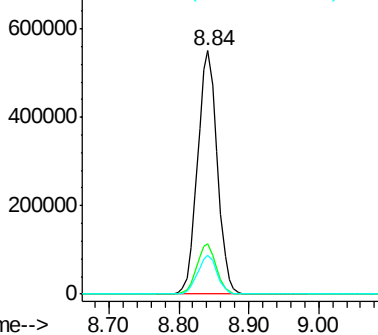
88 15.9 0.0 30.2



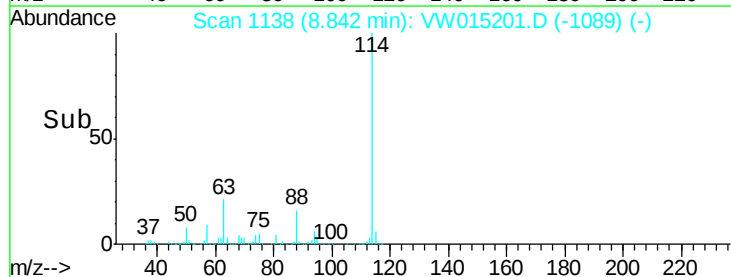
Abundance Ion 113.90 (113.60 to 114.60): V

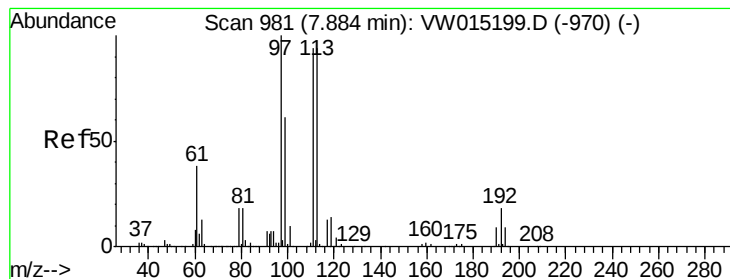
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->





#35

Dibromofluoromethane

Concen: 140.550 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

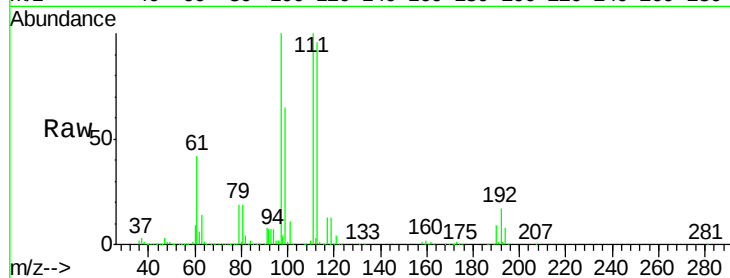
Tot Ion:113 Resp: 853179

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.4

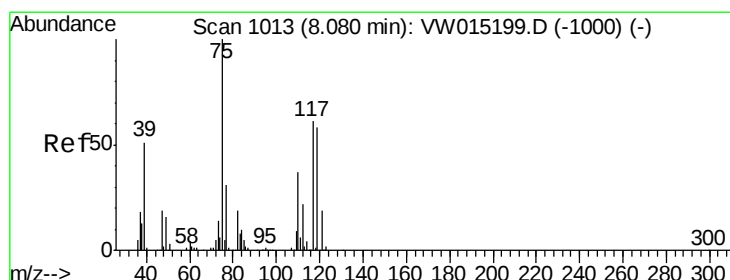
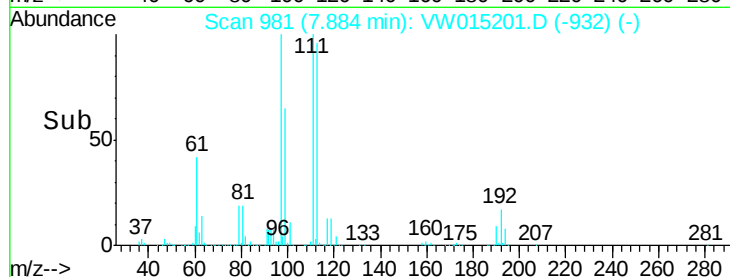
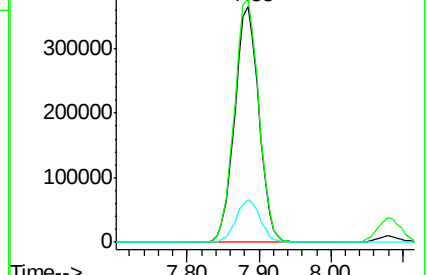
192 18.1 15.1 22.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 139.405 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

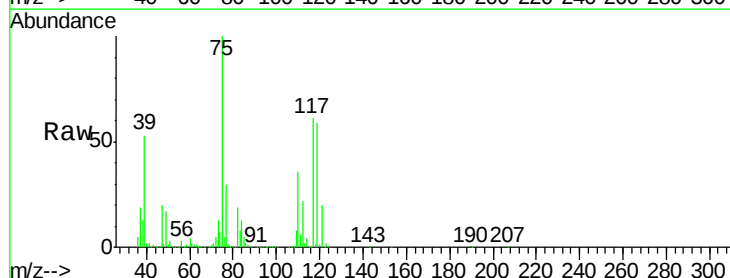
Tgt Ion: 75 Resp: 1375030

Ion Ratio Lower Upper

75 100

110 35.7 18.2 54.6

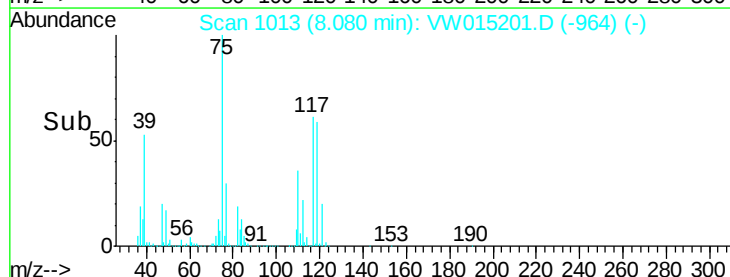
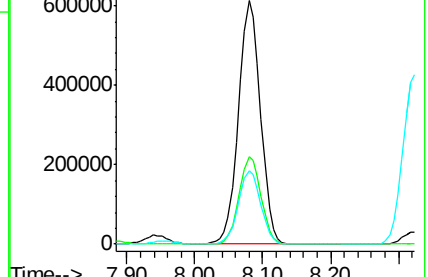
77 30.9 24.5 36.7

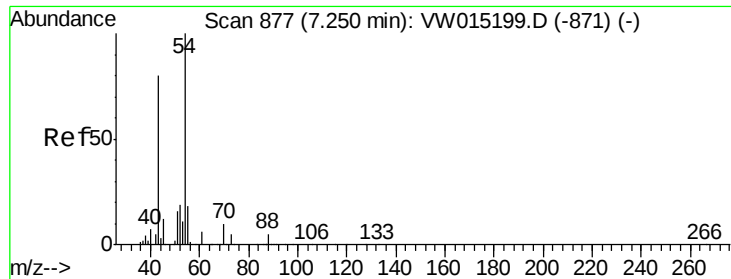


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

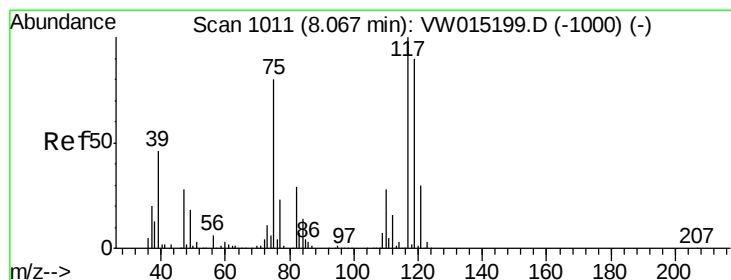
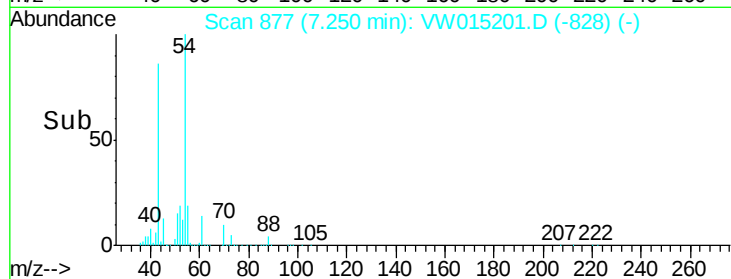
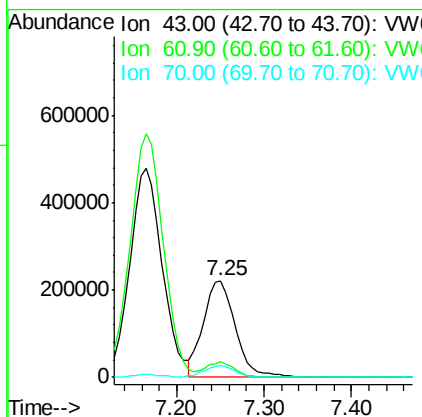
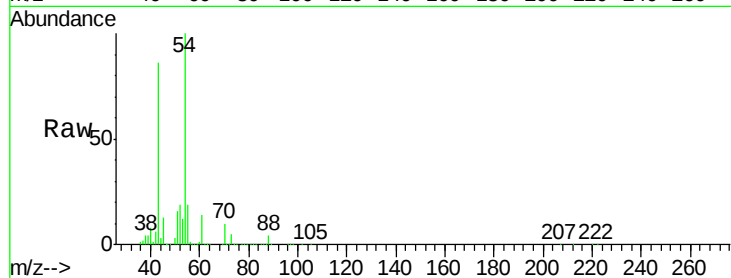




#37
Ethyl Acetate
Concen: 137.720 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

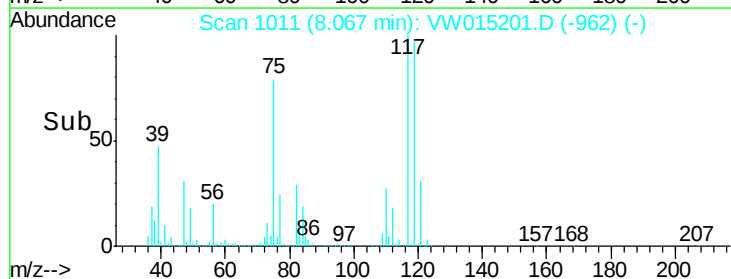
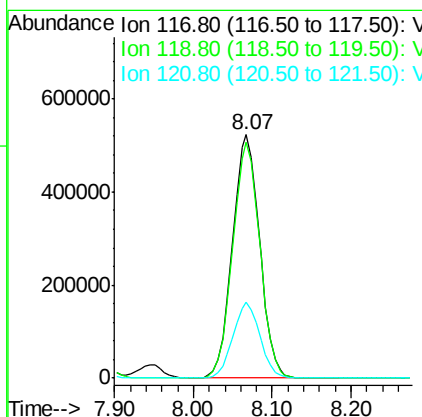
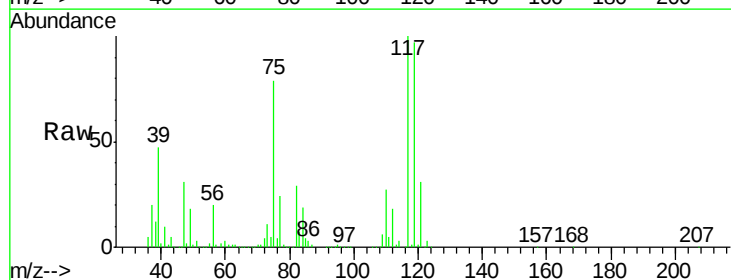
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

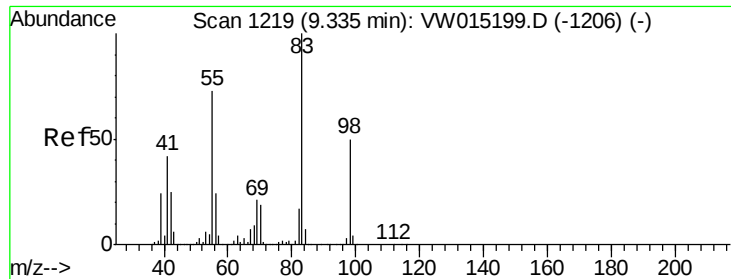
Tot Ion	43	Resp	561087
Ion Ratio	100		
Lower	11.9		
Upper	17.9		
61	14.7		
70	11.6		
8.8			
13.2			



#38
Carbon Tetrachloride
Concen: 137.786 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion	117	Resp	1251572
Ion Ratio	100		
Lower	72.3		
Upper	108.5		
119	97.0		
121	31.0		
23.7			
35.5			

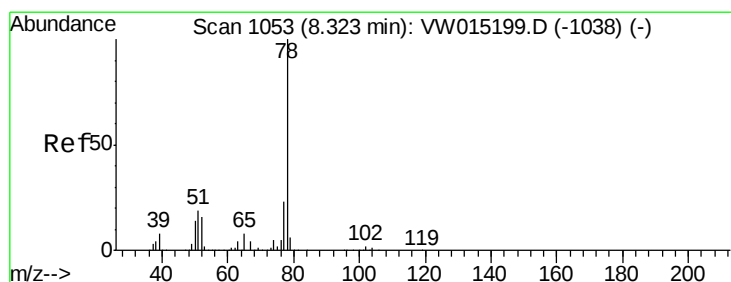
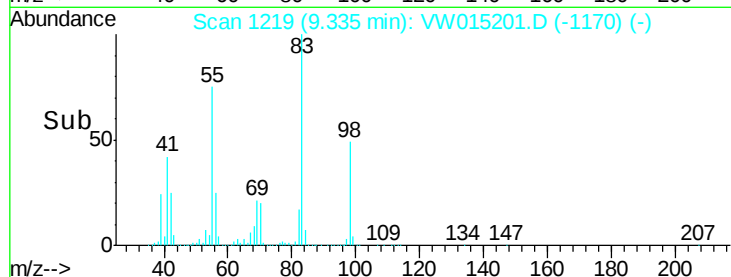
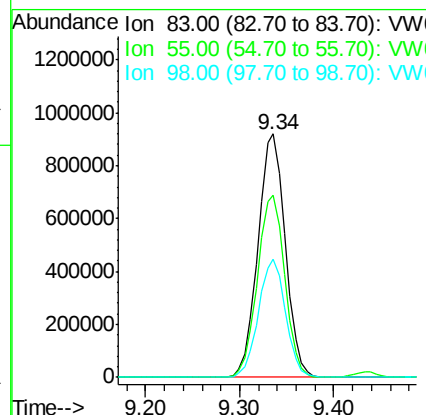
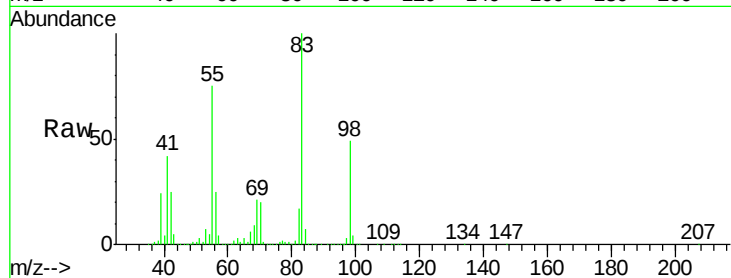




#39
Methvlcvclohexane
Concen: 139.609 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

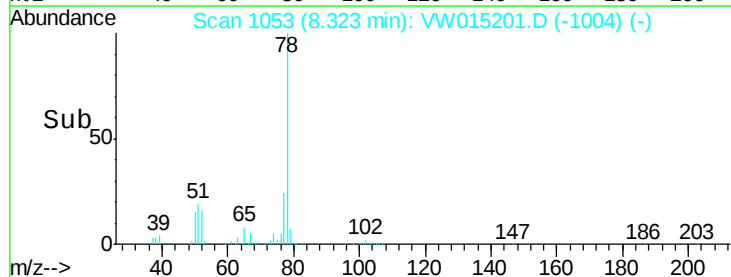
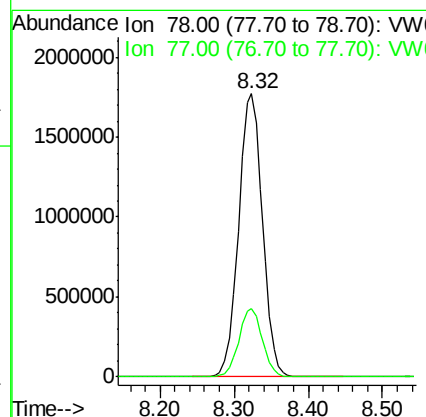
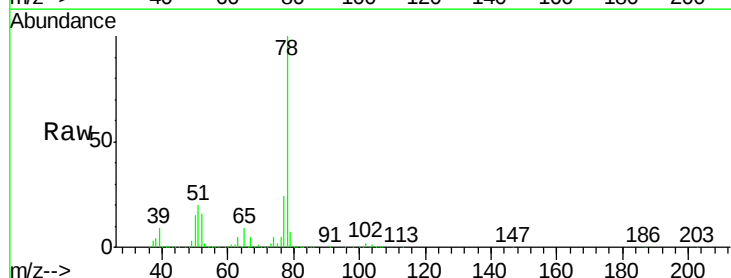
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

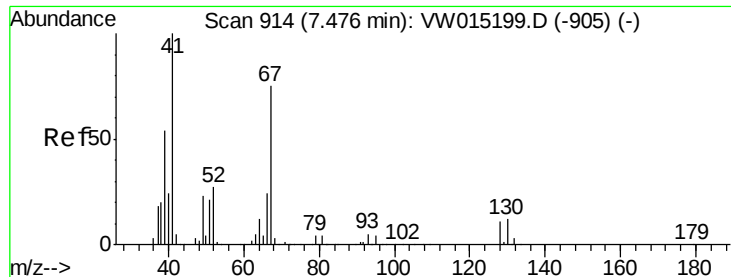
Tot Ion: 83 Resp: 1863647
Ion Ratio Lower Upper
83 100
55 74.6 58.1 87.1
98 48.7 40.2 60.4



#40
Benzene
Concen: 142.723 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion: 78 Resp: 3959473
Ion Ratio Lower Upper
78 100
77 24.1 18.2 27.2





#41

Methacrylonitrile

Concen: 136.017 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 317327

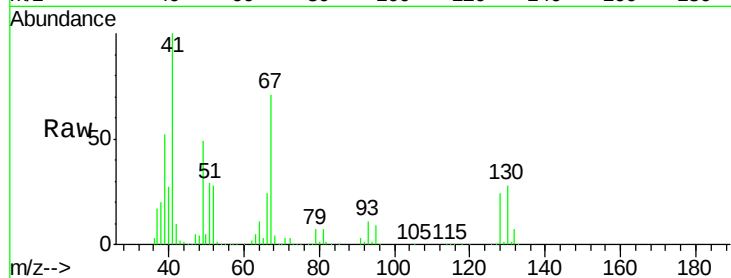
Ion Ratio Lower Upper

41 100

39 57.5 41.9 62.9

67 80.2 60.6 91.0

52 31.8 23.8 35.8

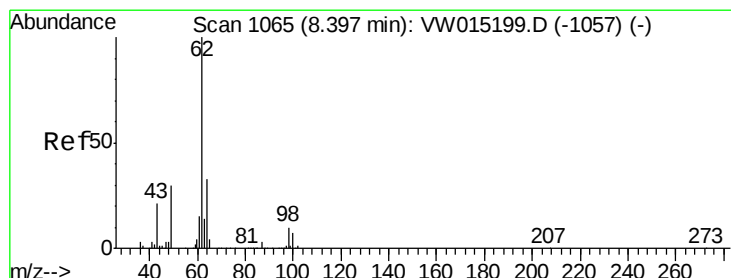
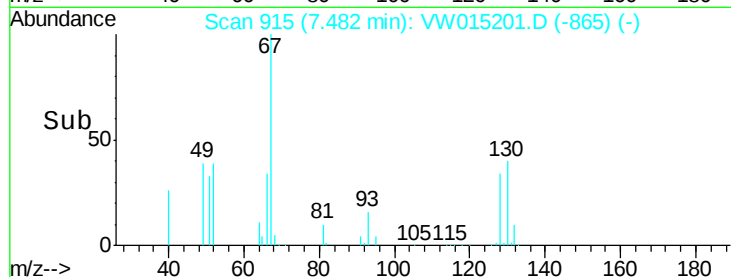
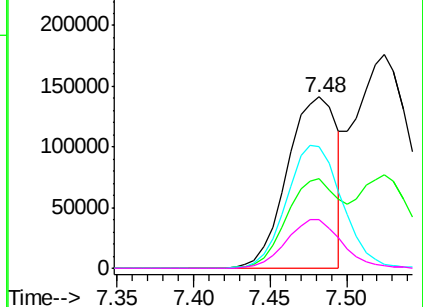


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 145.017 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW015201.D

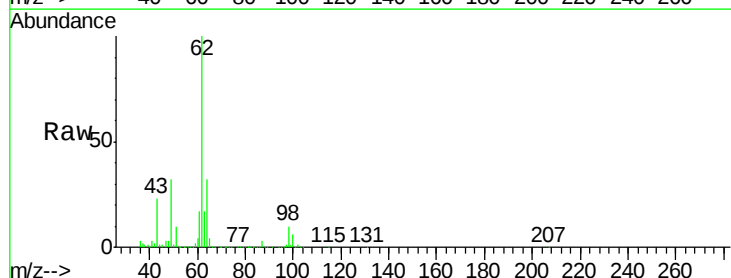
Acq: 15 Apr 2020 14:07

Tgt Ion: 62 Resp: 1021467

Ion Ratio Lower Upper

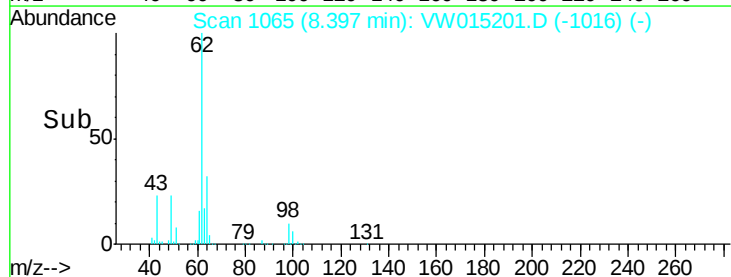
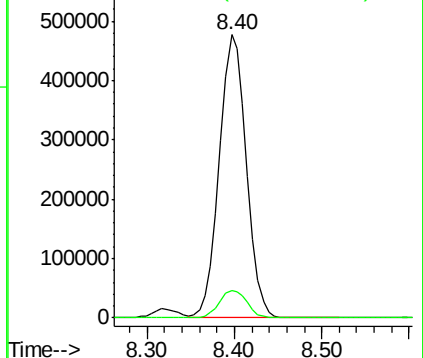
62 100

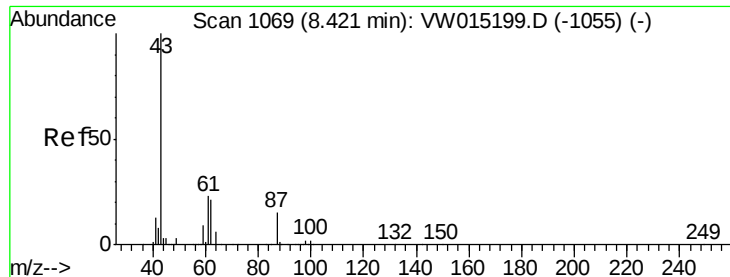
98 10.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 146.943 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

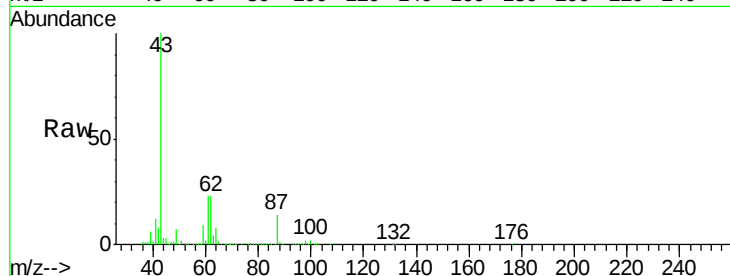
MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1159011

Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	13.7	11.4	17.2

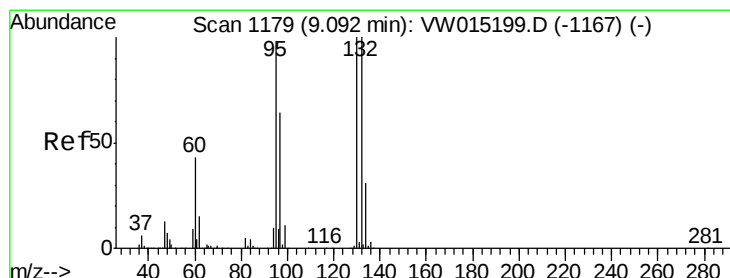
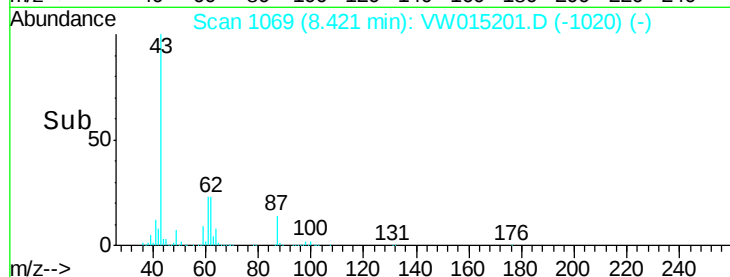
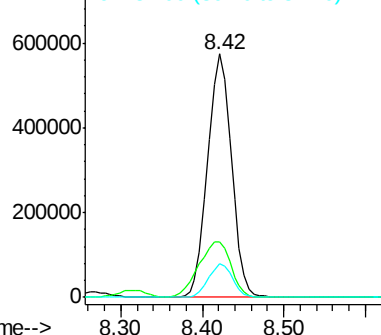


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 137.516 ug/l

RT: 9.09 min Scan# 1179

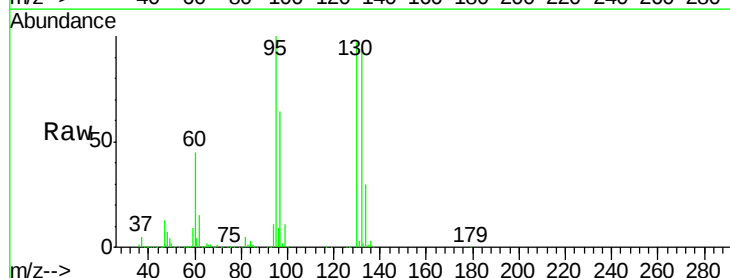
Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Tgt Ion: 130 Resp: 1016076

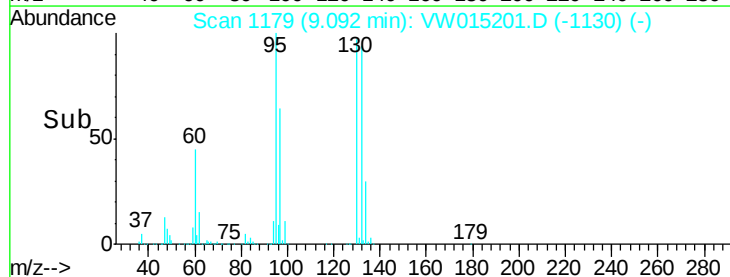
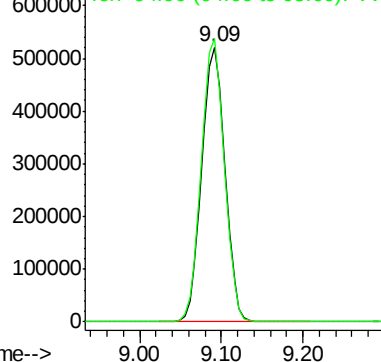
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	196.4

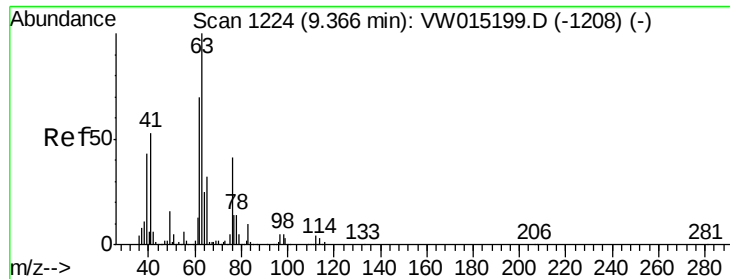


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 144.760 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampled :

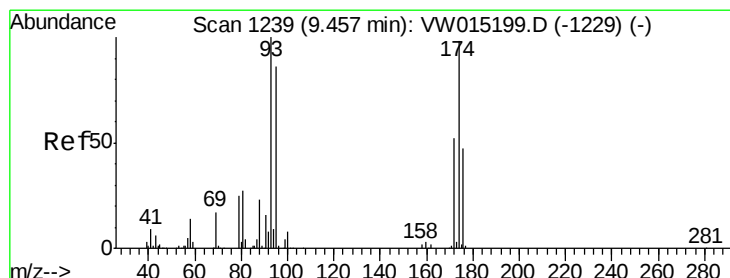
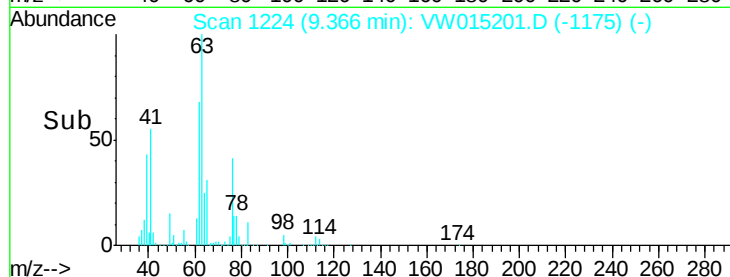
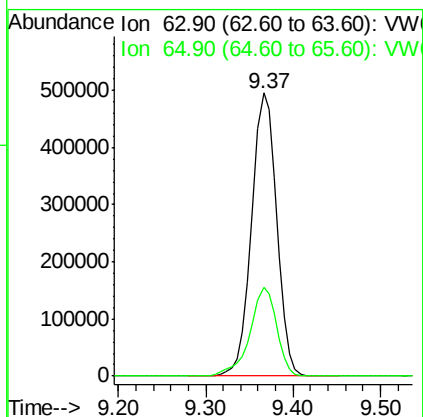
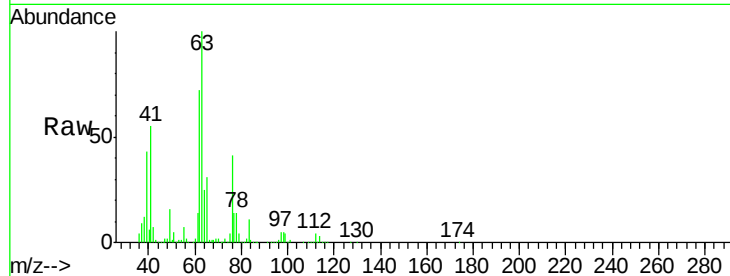
VSTDIC150

Tot Ion: 63 Resp: 989278

Ion Ratio Lower Upper

63 100

65 31.4 25.5 38.3



#46

Dibromomethane

Concen: 143.757 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

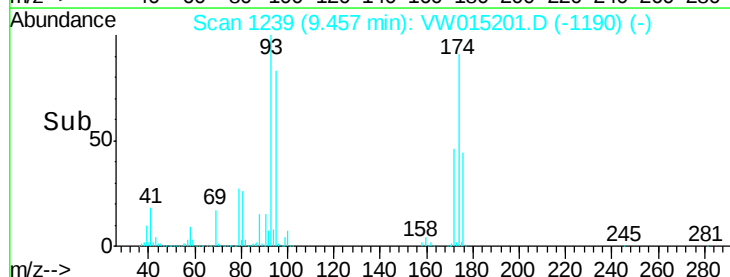
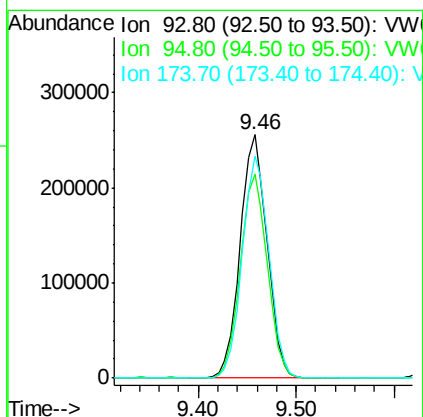
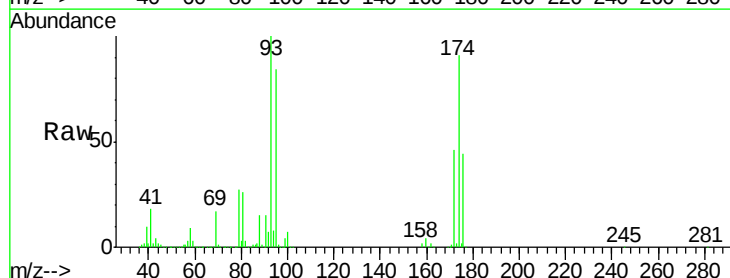
Tgt Ion: 93 Resp: 489550

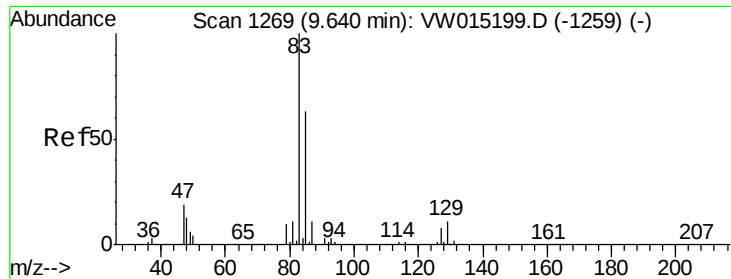
Ion Ratio Lower Upper

93 100

95 84.0 67.5 101.3

174 90.7 74.1 111.1





#47

Bromodichloromethane

Concen: 144.616 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

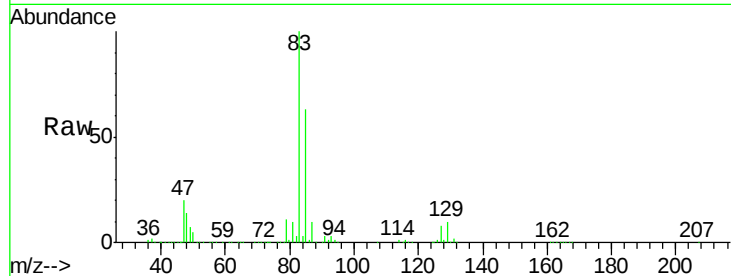
Tot Ion: 83 Resp: 1282307

Ion Ratio Lower Upper

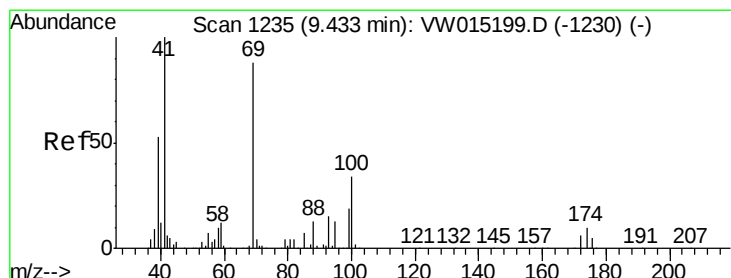
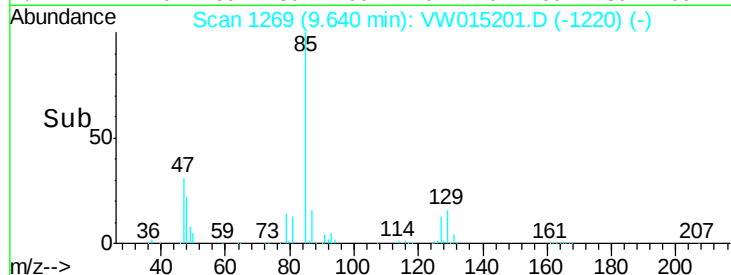
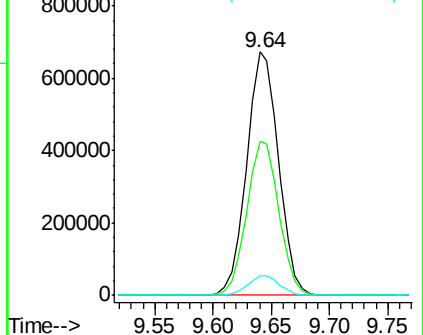
83 100

85 63.3 50.6 76.0

127 8.3 6.7 10.1



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



#48

Methyl methacrylate

Concen: 153.489 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

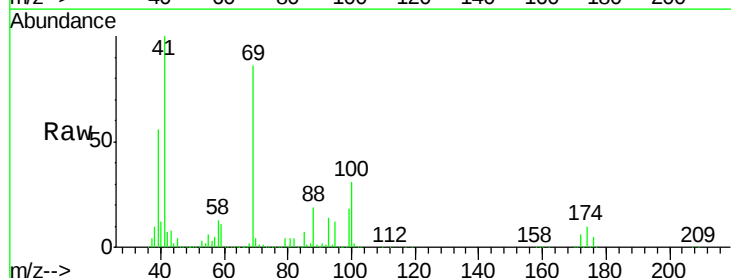
Tgt Ion: 41 Resp: 562464

Ion Ratio Lower Upper

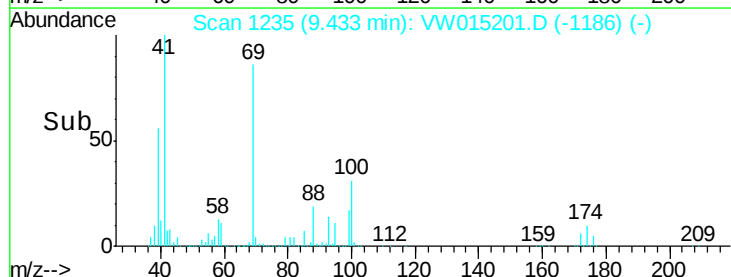
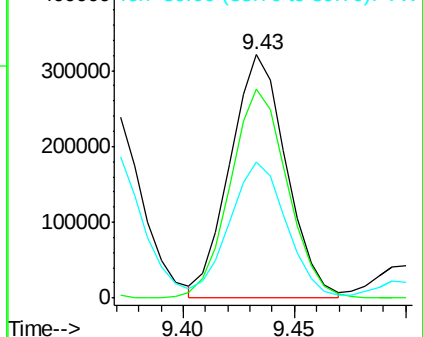
41 100

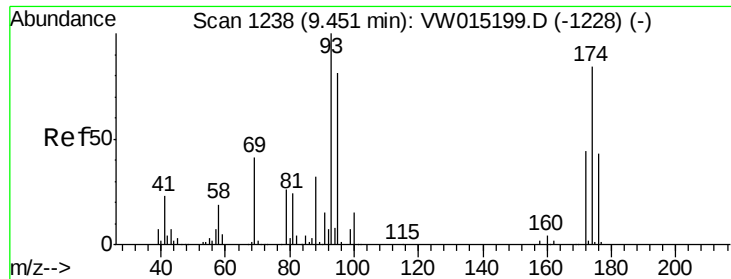
69 87.3 70.6 105.8

39 53.5 42.6 64.0



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

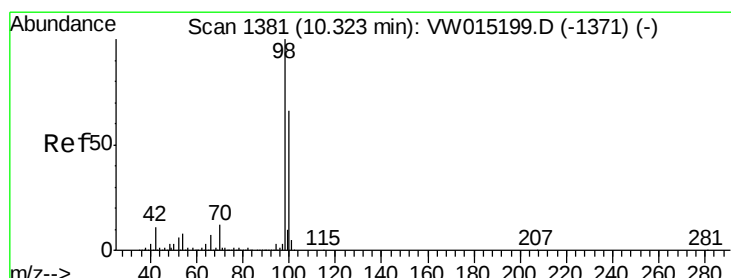
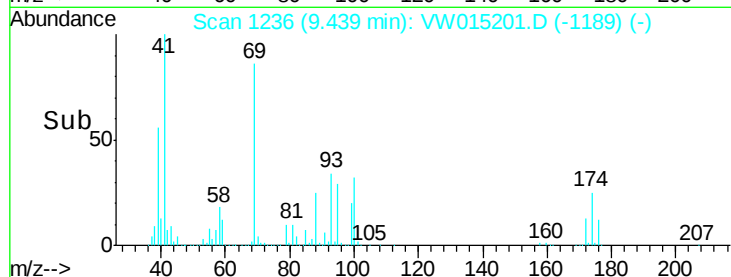
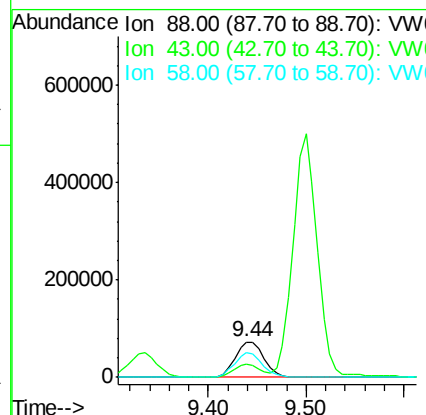
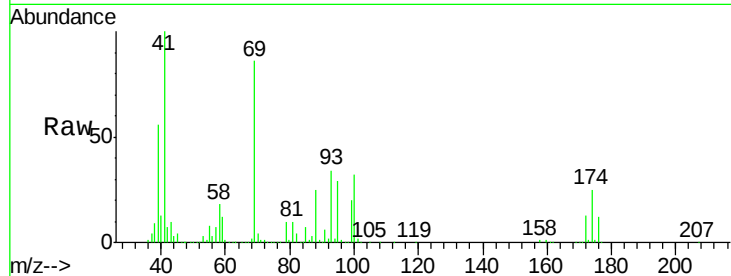




#49
1,4-Dioxane
Concen: 2772.344 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

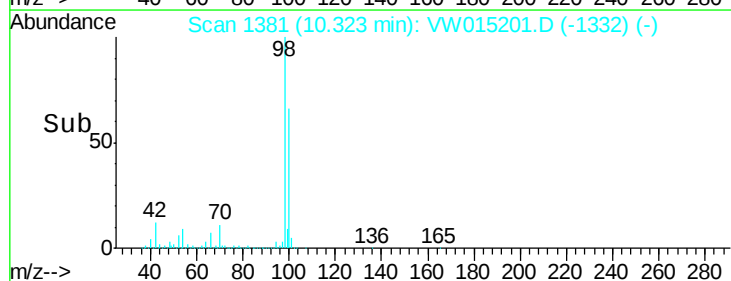
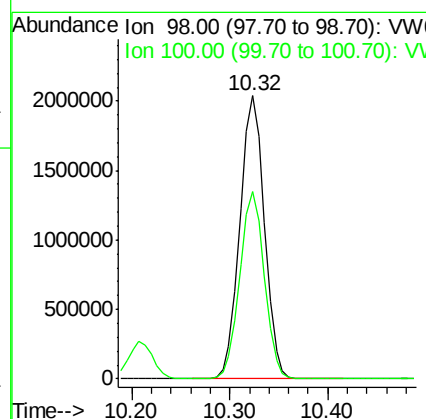
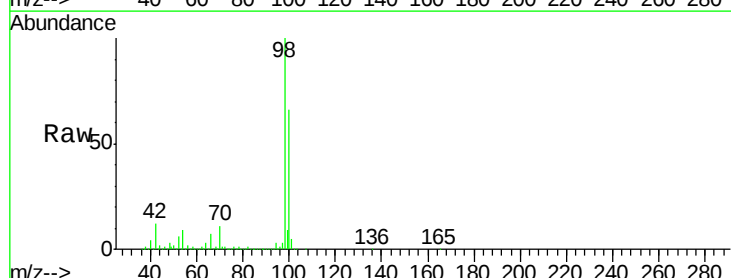
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

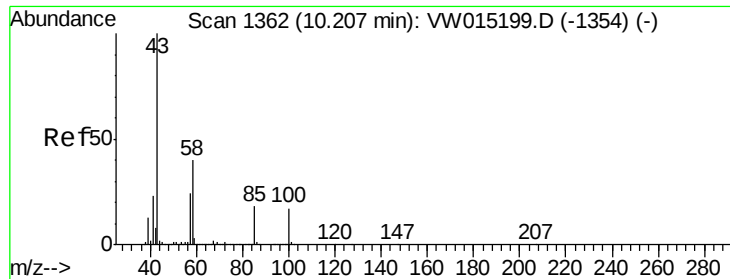
Tot Ion: 88 Resp: 148972
Ion Ratio Lower Upper
88 100
43 34.7 23.5 35.3
58 67.7 55.4 83.2



#50
Toluene-d8
Concen: 144.207 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion: 98 Resp: 3549541
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

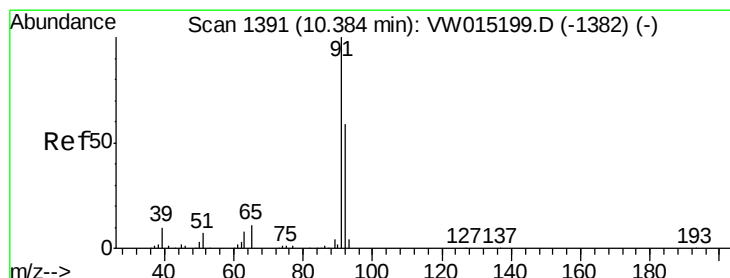
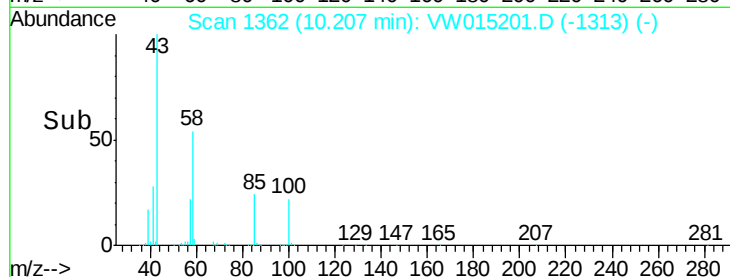
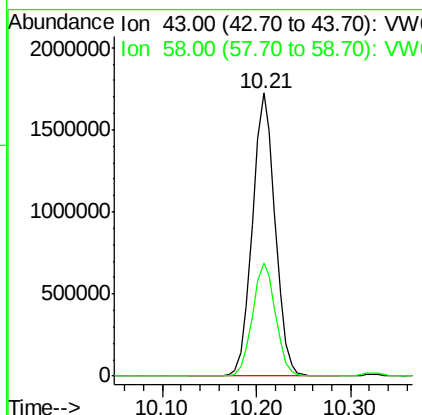
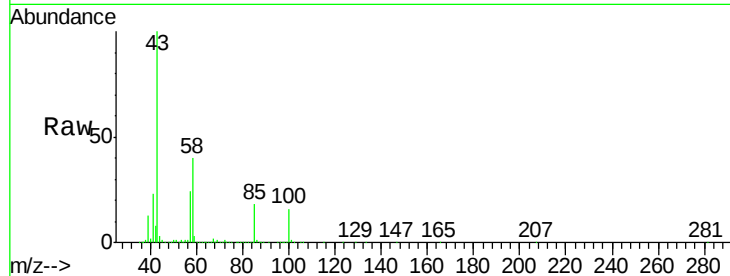




#51
 4-Methyl-2-Pentanone
 Concen: 697.197 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

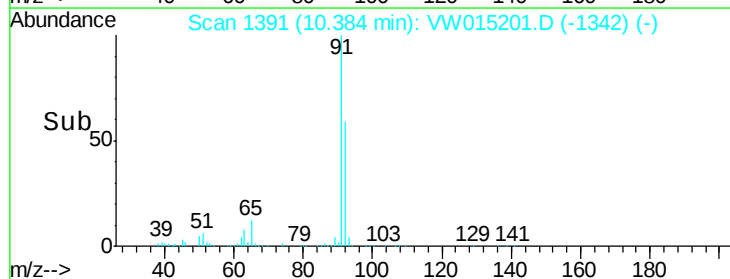
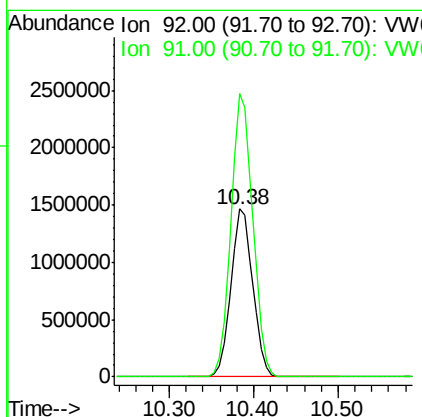
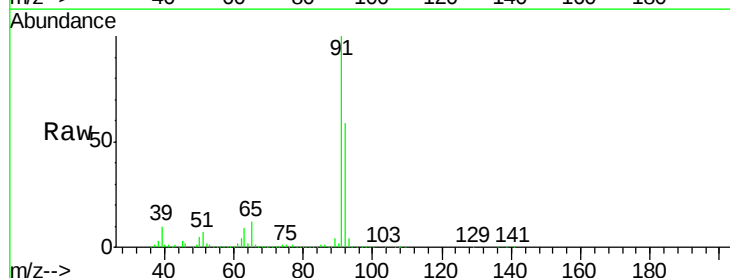
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

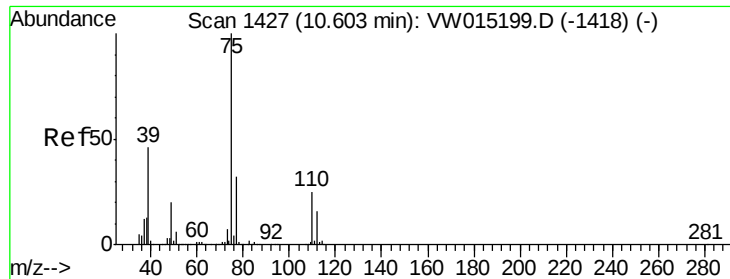
Tot Ion: 43 Resp: 2926307
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.3 48.5



#52
 Toluene
 Concen: 143.835 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 92 Resp: 2556396
 Ion Ratio Lower Upper
 92 100
 91 169.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 149.940 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

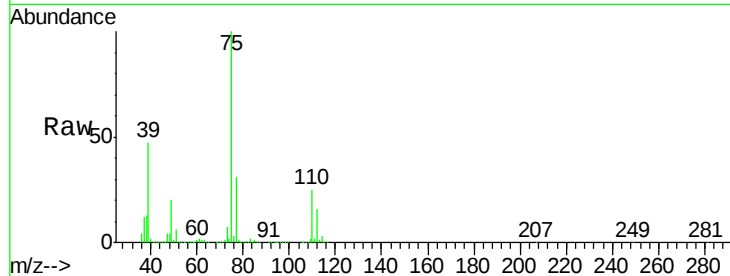
VSTDIC150

Tot Ion: 75 Resp: 1347756

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

800000

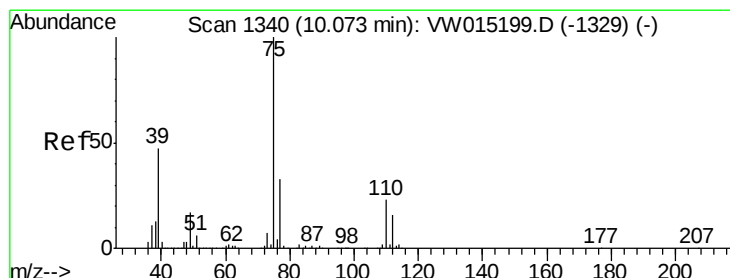
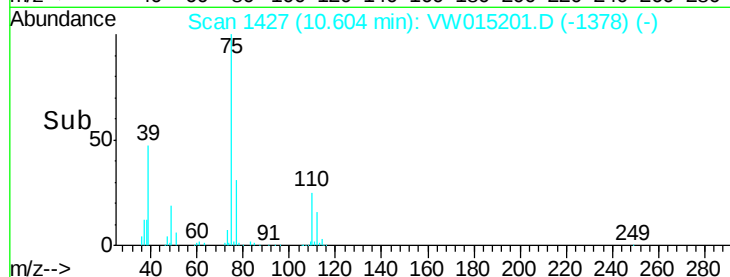
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 148.359 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

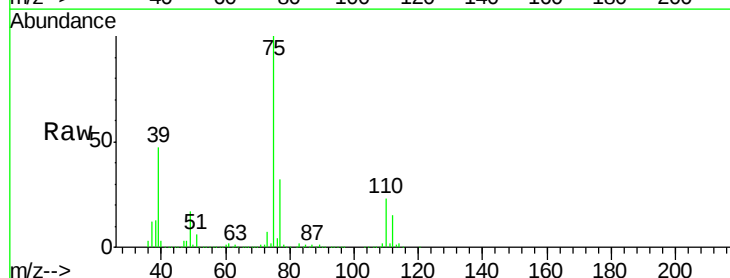
Tgt Ion: 75 Resp: 1605354

Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

39 46.8 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

1200000

1000000

800000

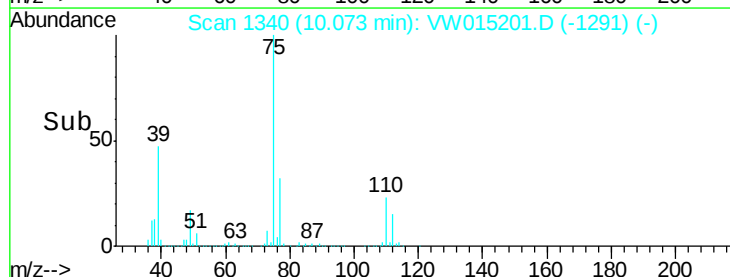
600000

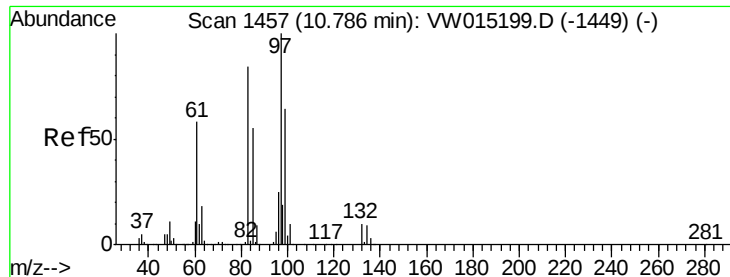
400000

200000

0

Time-->



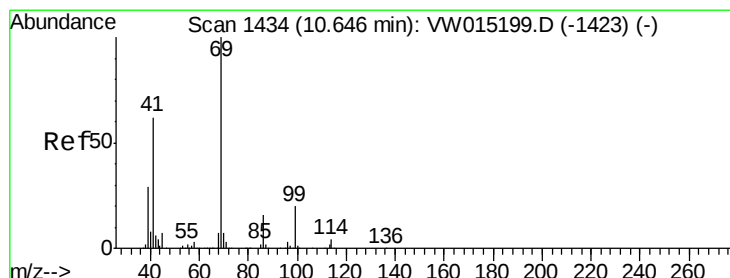
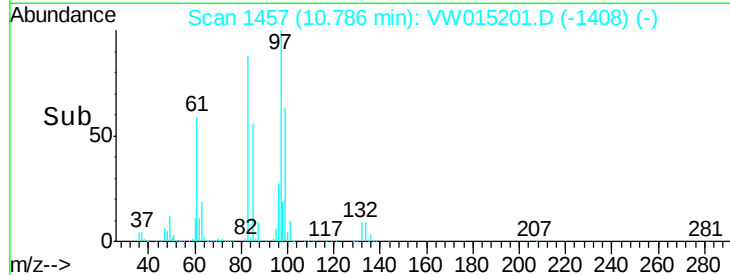
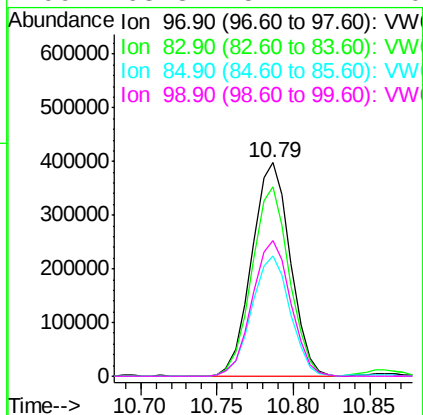
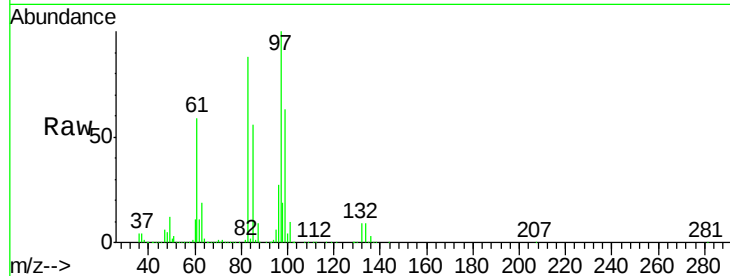


#55
 1,1,2-Trichloroethane
 Concen: 143.544 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 696686

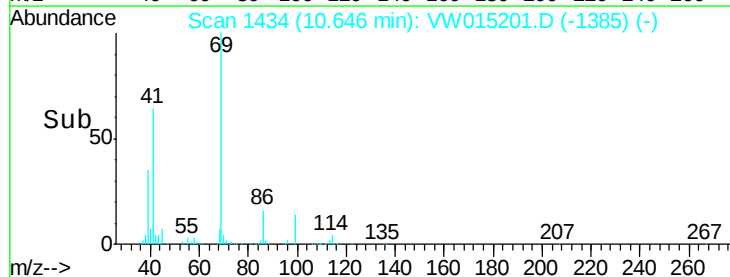
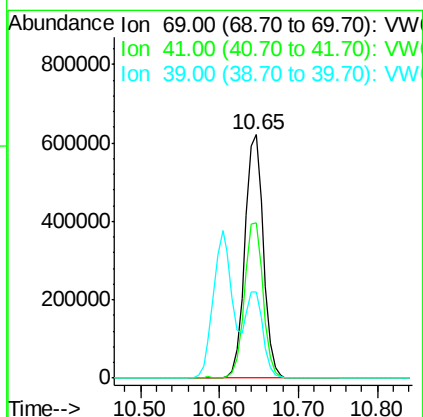
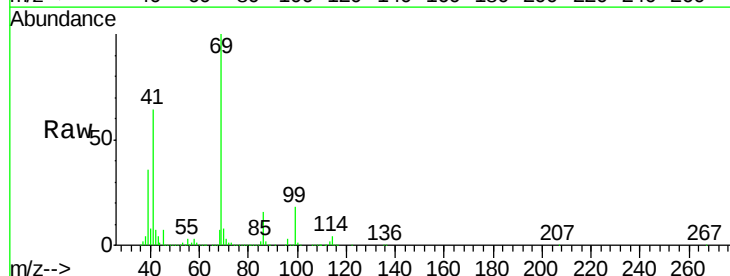
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.3	100.9
85	56.4	43.8	65.8
99	63.3	51.4	77.0

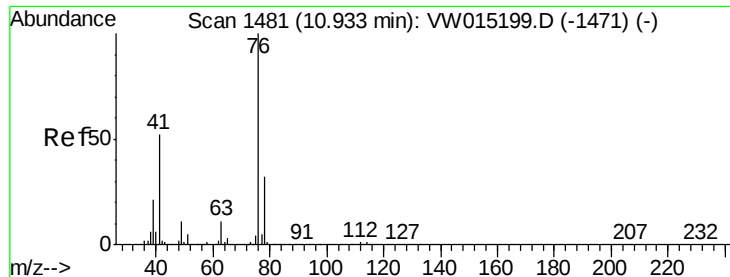


#56
 Ethyl methacrylate
 Concen: 153.430 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion: 69 Resp: 1005266

Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.3	76.9
39	32.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 146.050 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

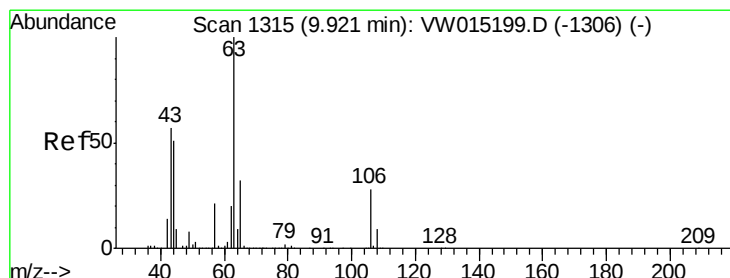
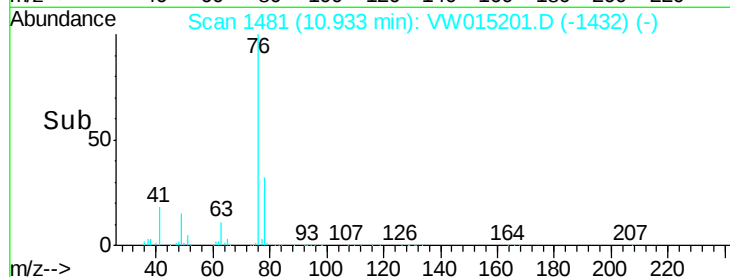
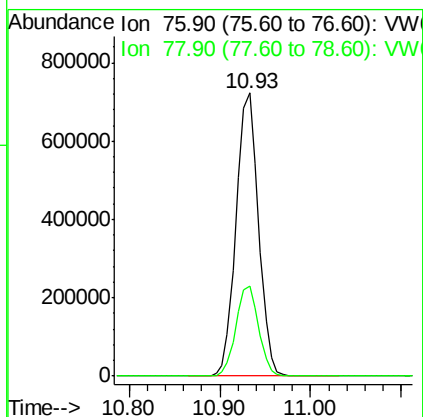
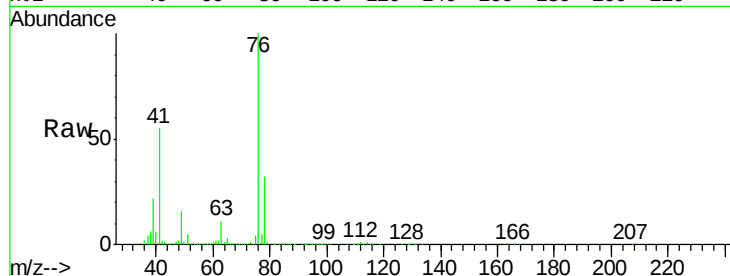
VSTDIC150

Tot Ion: 76 Resp: 1239246

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 743.854 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015201.D

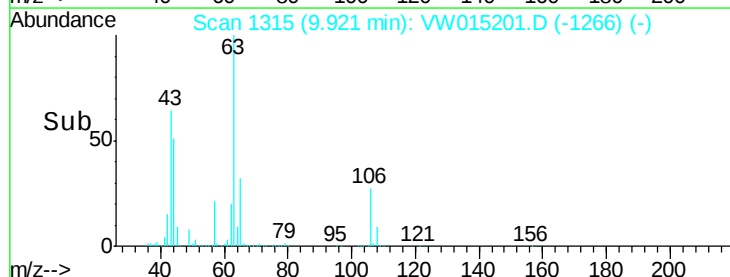
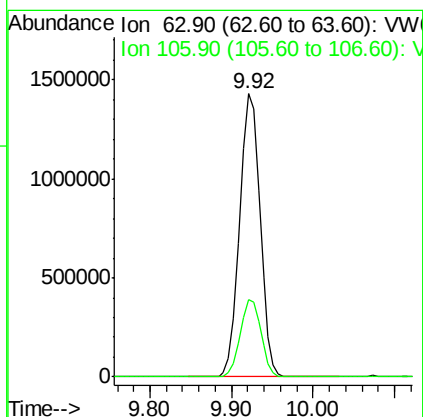
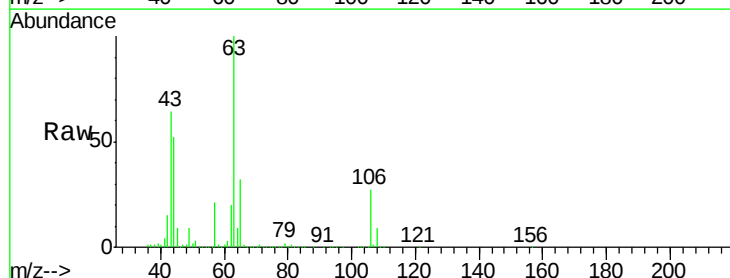
Acq: 15 Apr 2020 14:07

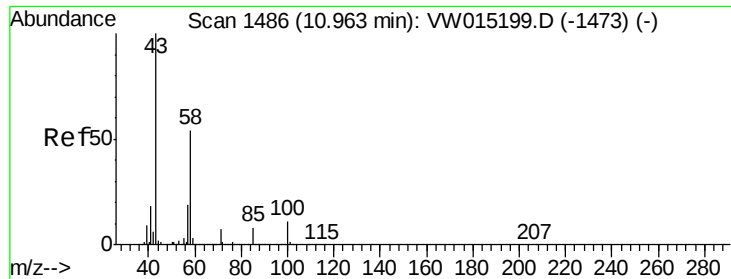
Tgt Ion: 63 Resp: 2469709

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8

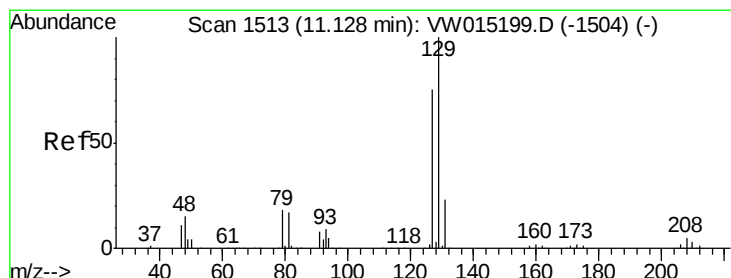
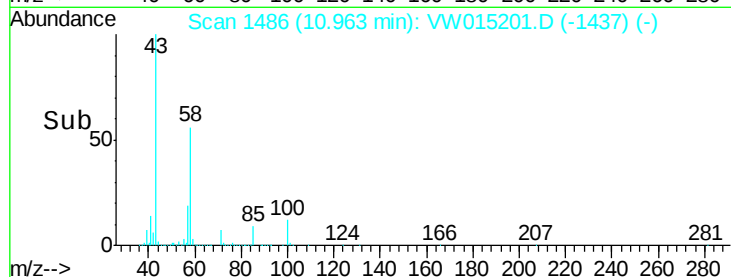
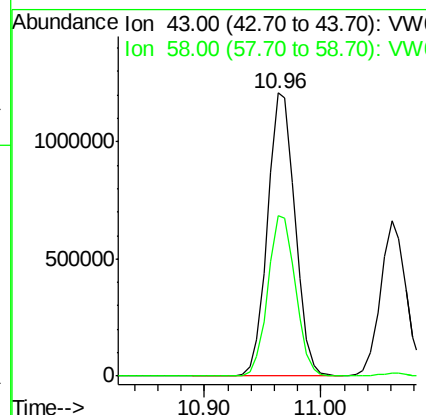
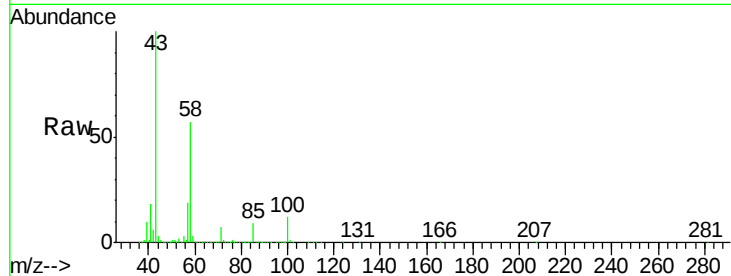




#59
2-Hexanone
Concen: 751.478 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

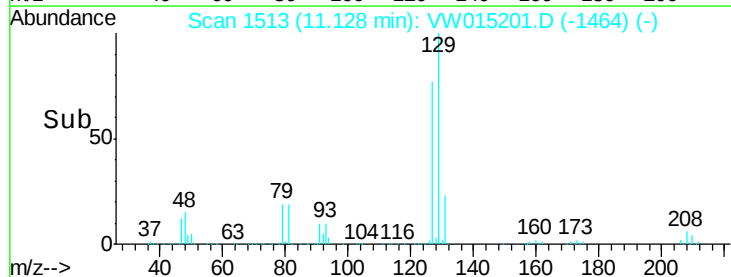
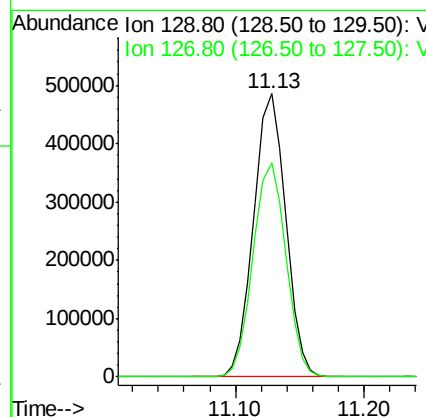
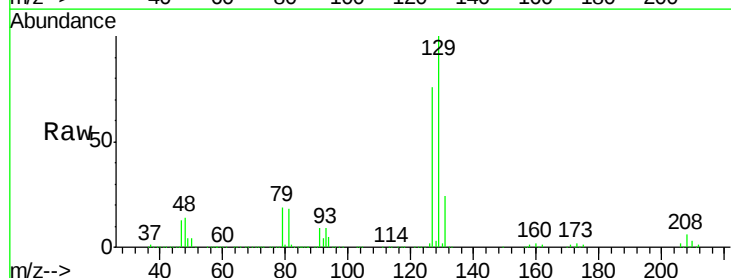
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

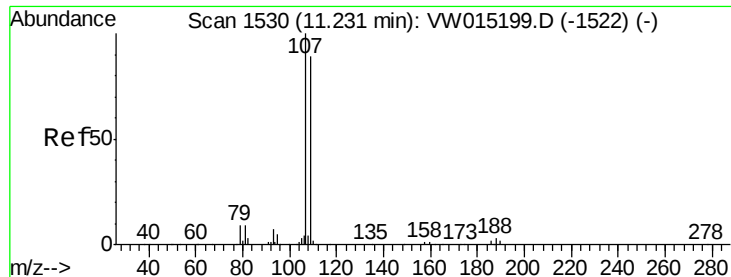
Tot Ion: 43 Resp: 1970581
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 145.690 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion: 129 Resp: 838816
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 145.138 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

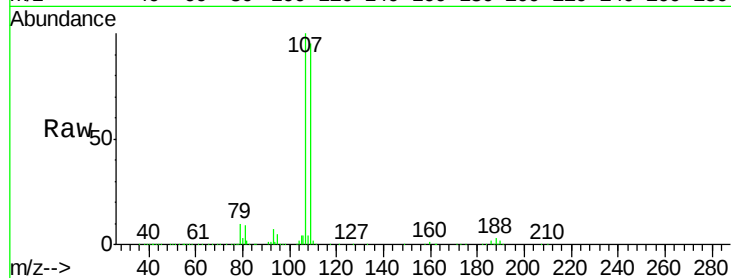
VSTDIC150

Tot Ion: 107 Resp: 676802

Ion Ratio Lower Upper

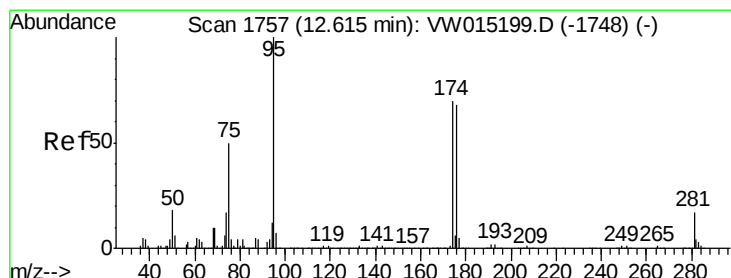
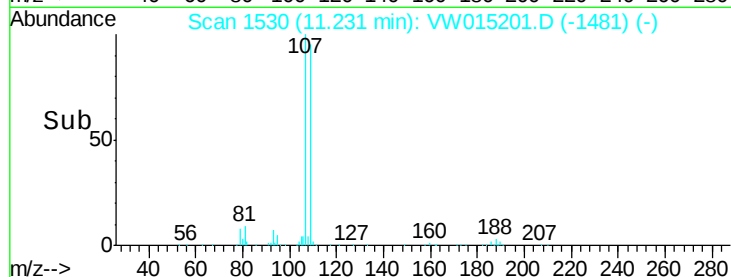
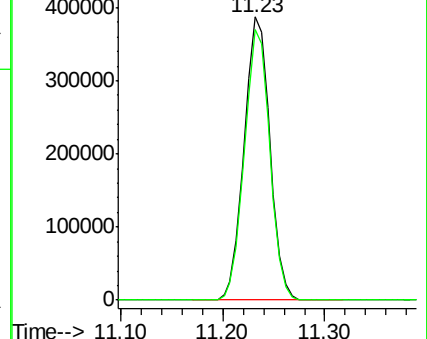
107 100

109 94.2 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 149.764 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

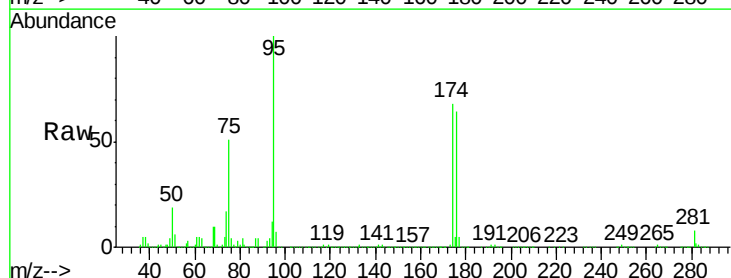
Tgt Ion: 95 Resp: 1277552

Ion Ratio Lower Upper

95 100

174 70.0 0.0 144.4

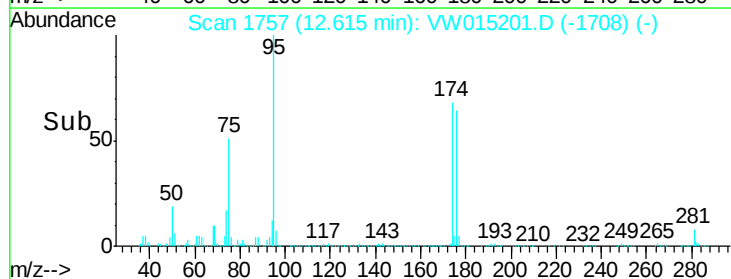
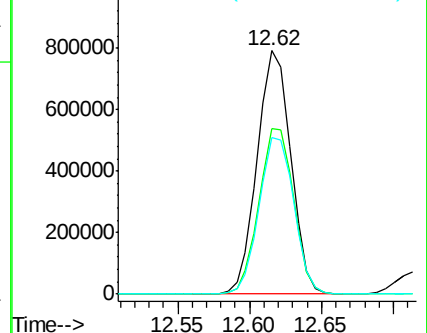
176 66.6 0.0 140.6

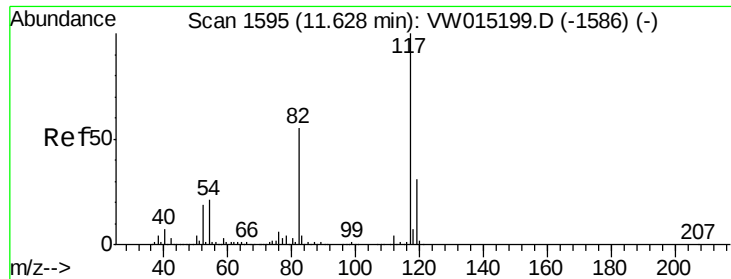


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

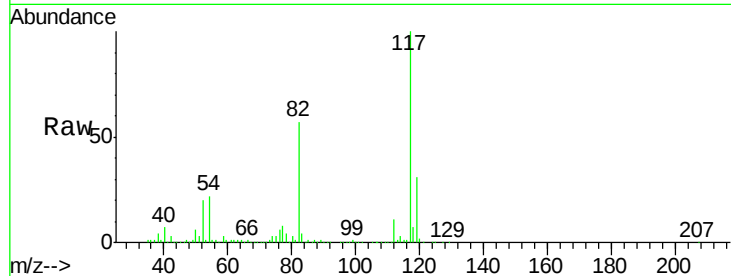




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.1	66.1
119	31.2	24.9	37.3

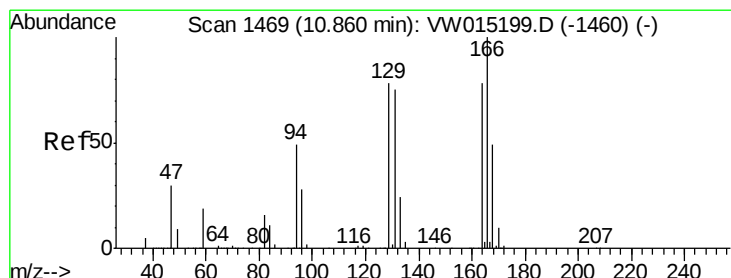
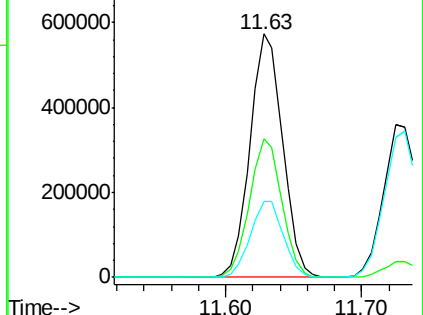
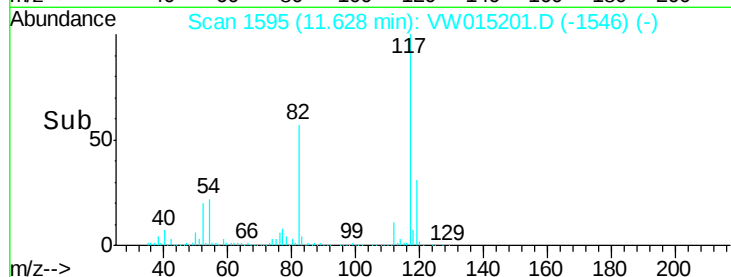


Abundance

Ion 116.90 (116.60 to 117.60): V

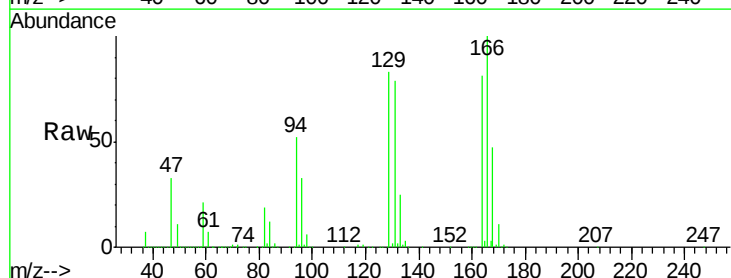
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 133.218 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	102.6	154.0
129	103.0	80.2	120.2
131	97.4	77.4	116.2



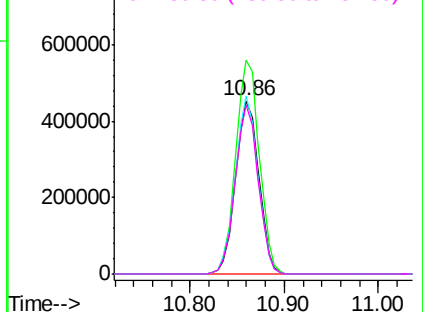
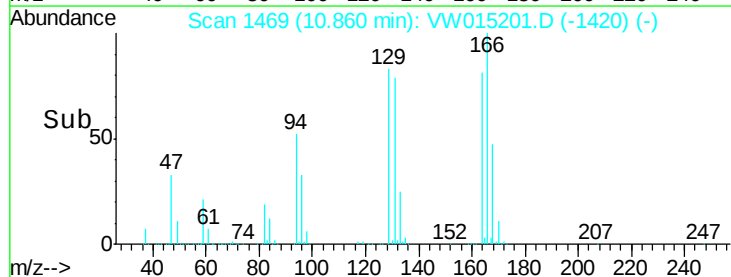
Abundance

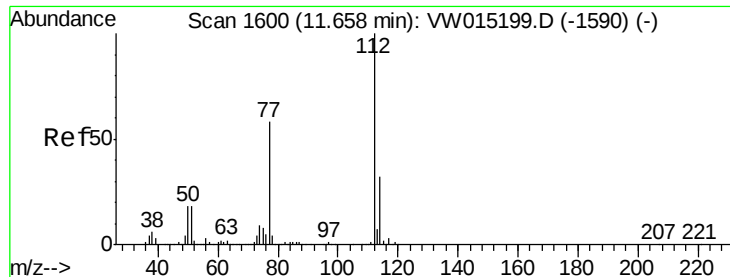
Ion 163.80 (163.50 to 164.50): V

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

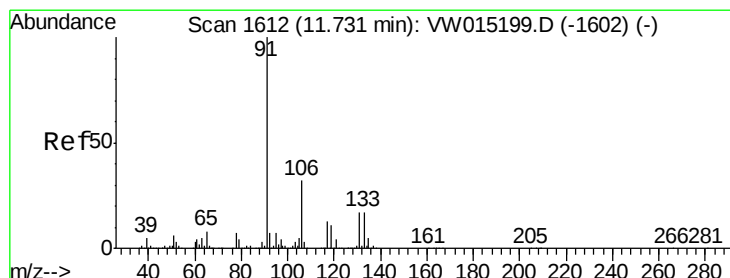
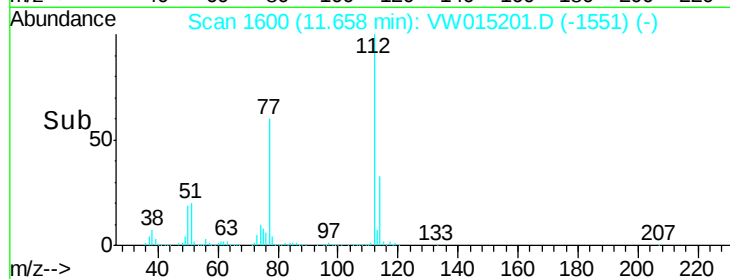
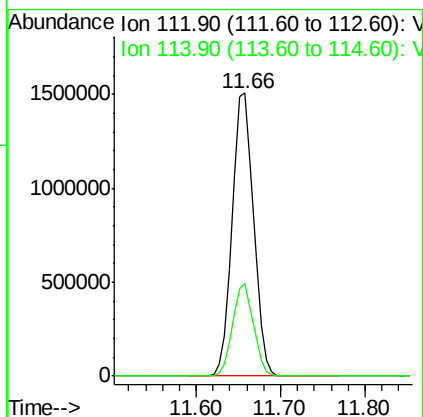
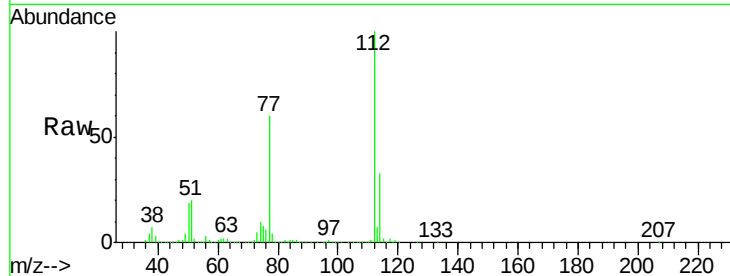




#65
Chlorobenzene
Concen: 139.189 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

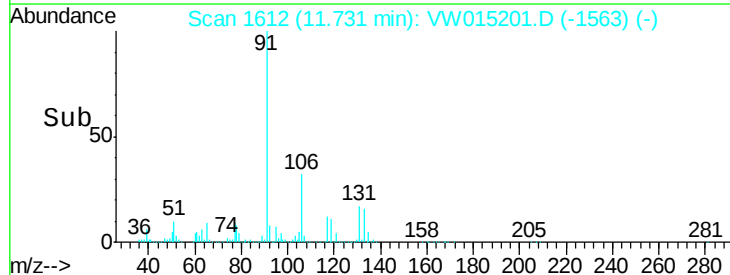
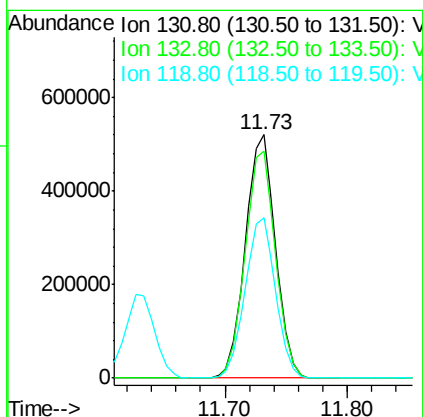
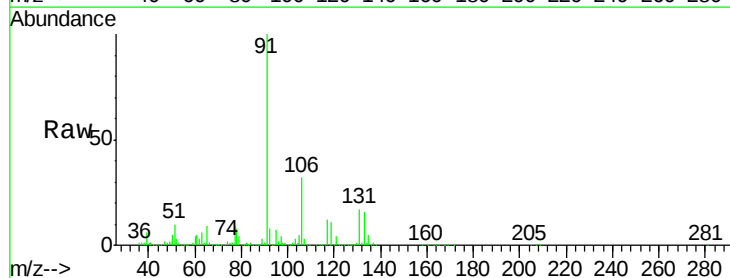
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

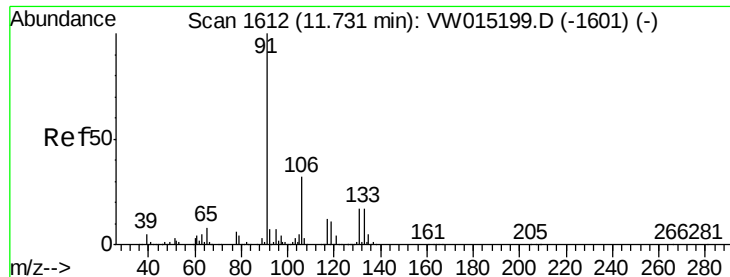
Tot Ion:112 Resp: 2592837
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 138.666 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion:131 Resp: 889719
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 66.7 34.0 101.8

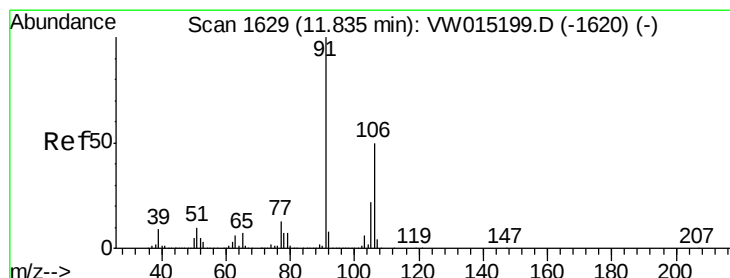
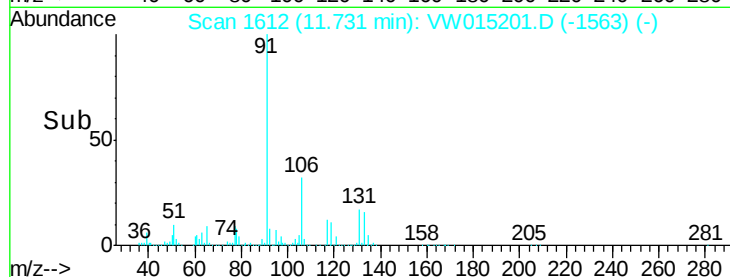
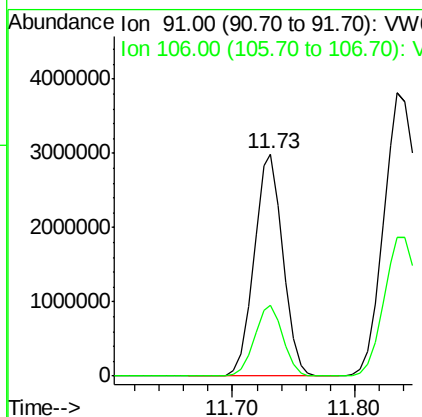
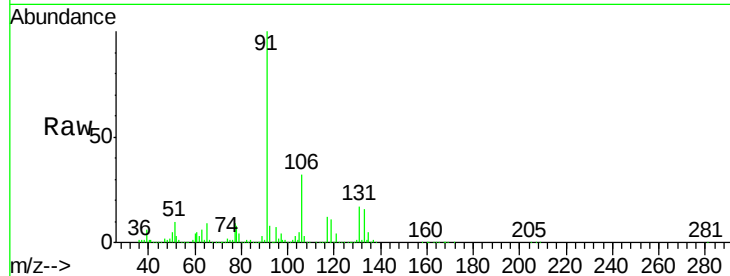




#67
Ethyl Benzene
Concen: 137.487 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

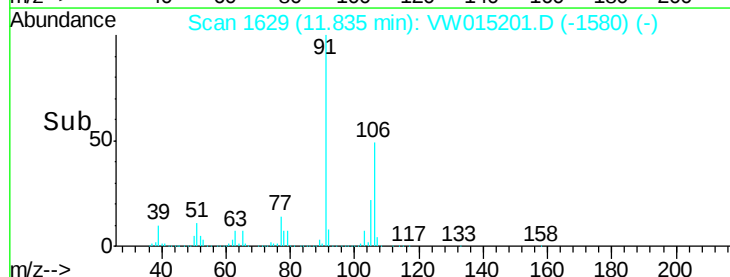
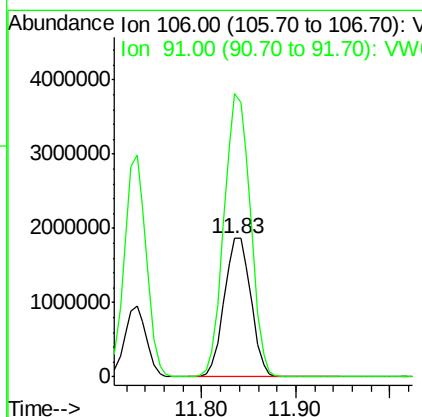
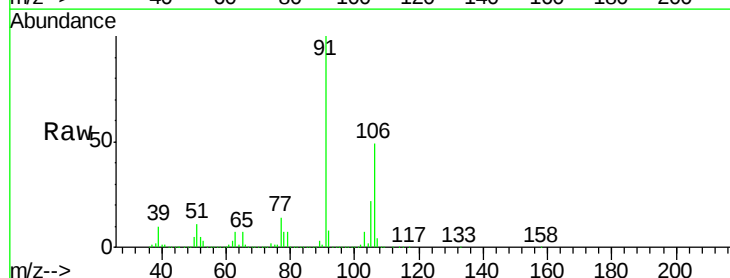
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

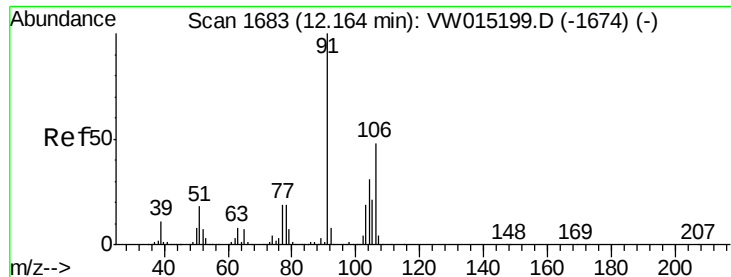
Tot Ion: 91 Resp: 4873159
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 272.024 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion:106 Resp: 3653115
Ion Ratio Lower Upper
106 100
91 202.3 160.0 240.0

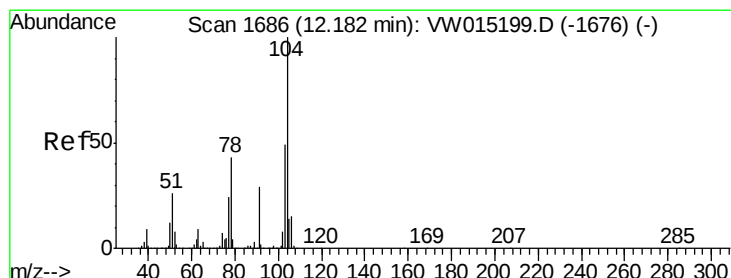
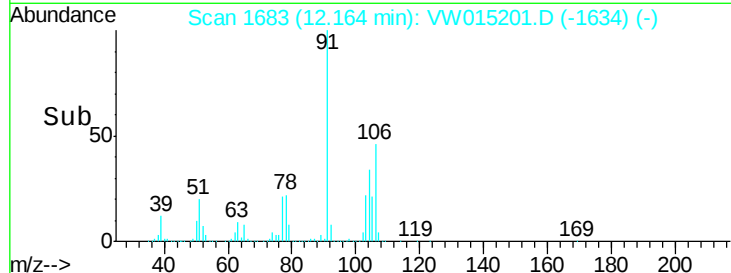
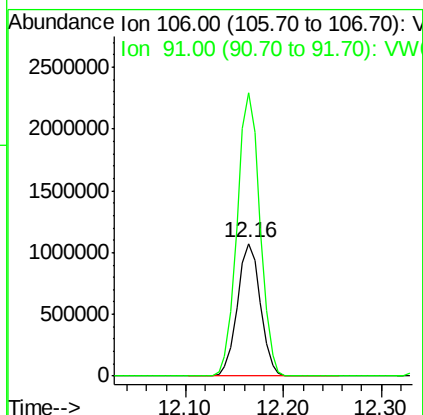
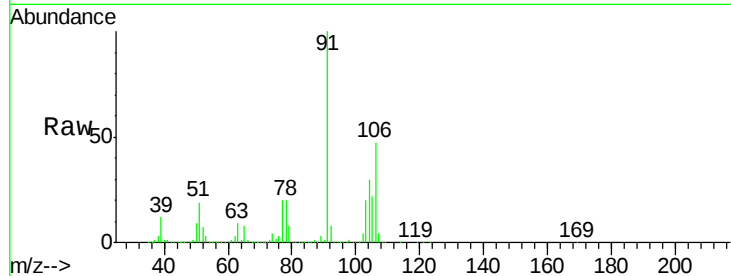




#69
o-Xylene
Concen: 138.937 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

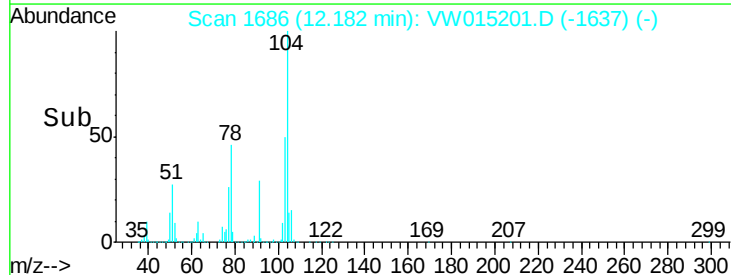
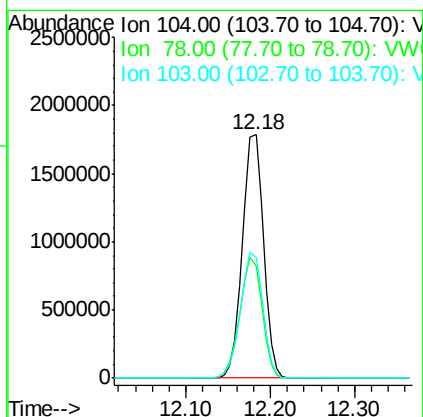
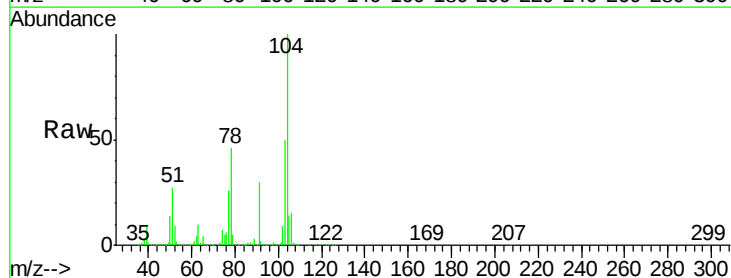
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

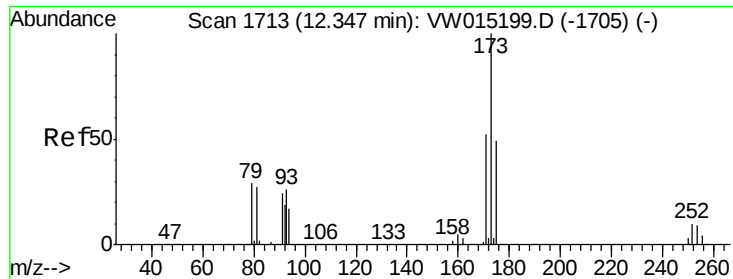
Tot Ion:106 Resp: 1752549
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1



#70
Styrene
Concen: 141.401 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion:104 Resp: 2987207
Ion Ratio Lower Upper
104 100
78 52.4 39.8 59.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 144.600 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

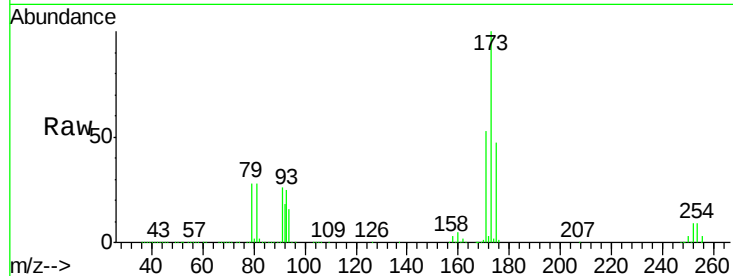
Tot Ion:173 Resp: 460172

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.4

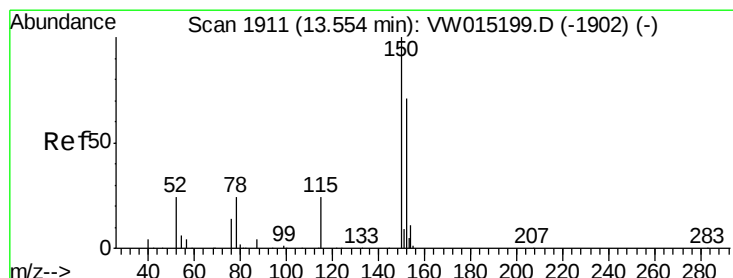
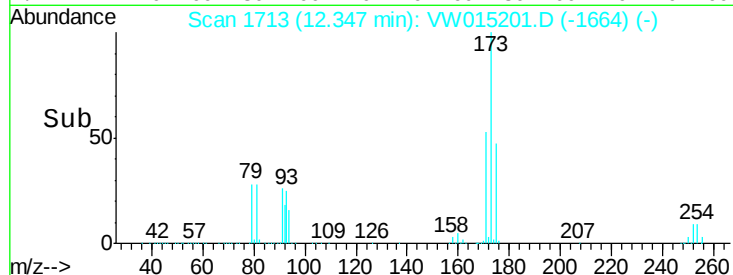
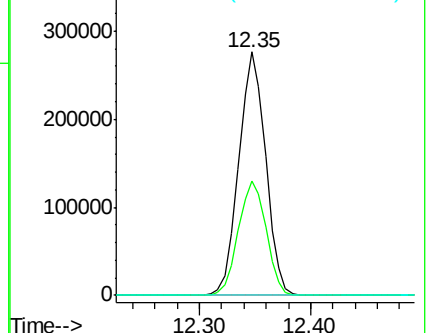
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

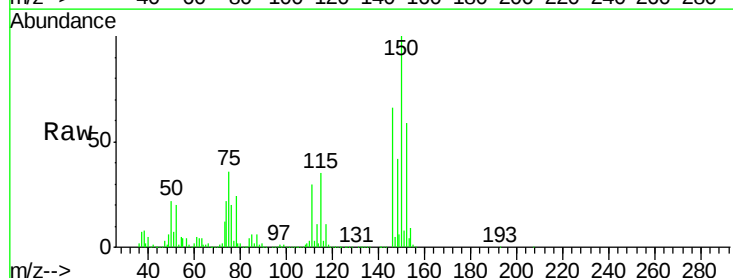
Tgt Ion:152 Resp: 435891

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.9

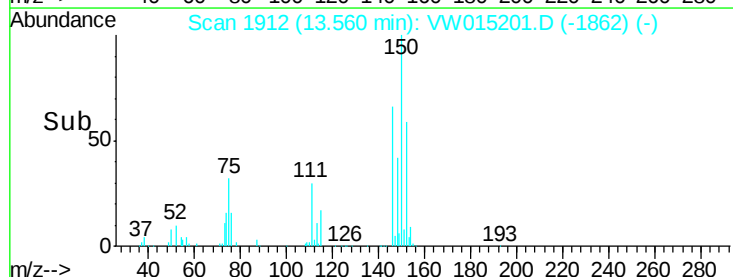
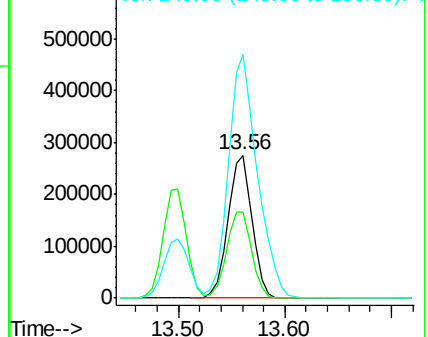
150 204.5 0.0 343.4

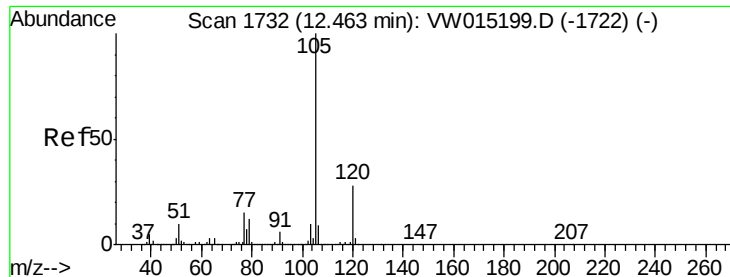


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 141.641 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

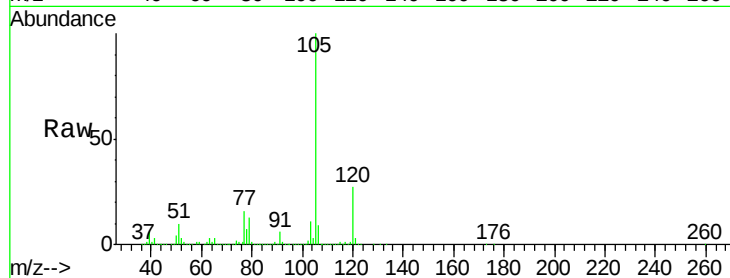
VSTDIC150

Tot Ion:105 Resp: 4746089

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

3000000

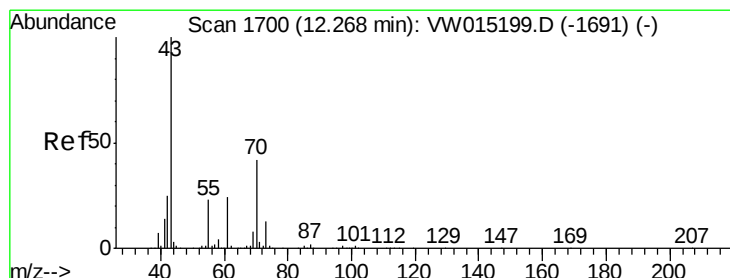
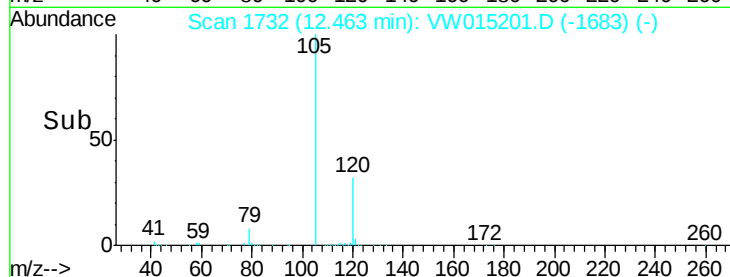
2000000

1000000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 161.251 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Tgt Ion: 43 Resp: 1201656

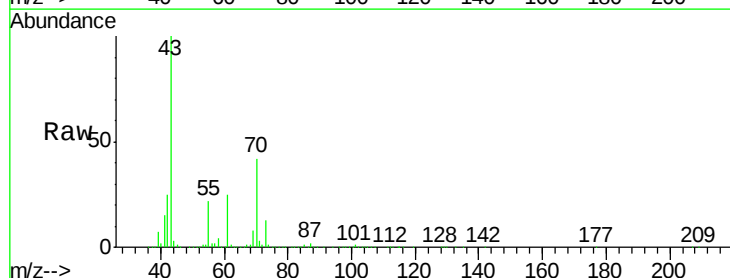
Ion Ratio Lower Upper

43 100

70 42.7 35.4 53.2

55 22.5 18.5 27.7

61 24.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

1200000

1000000

800000

600000

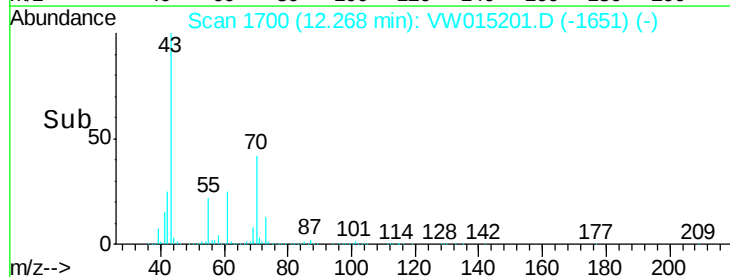
400000

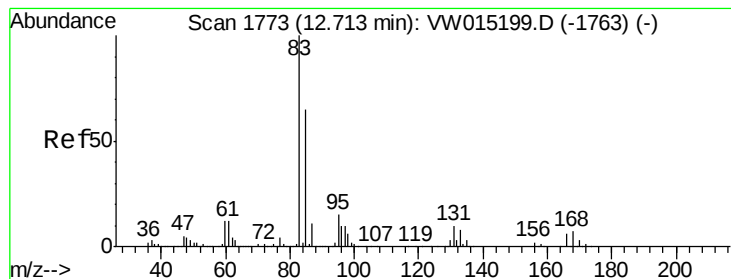
200000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 146.055 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

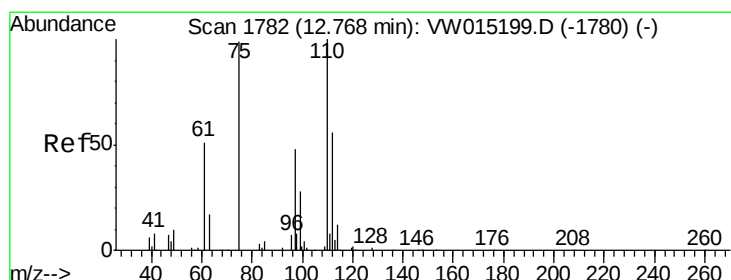
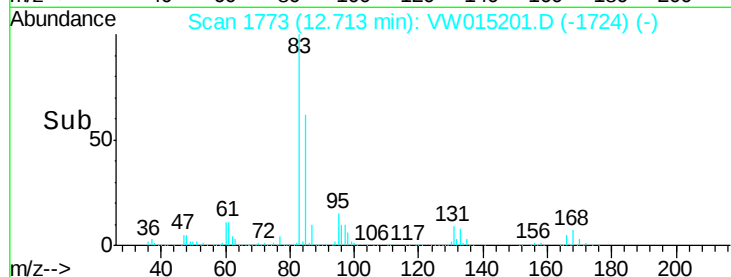
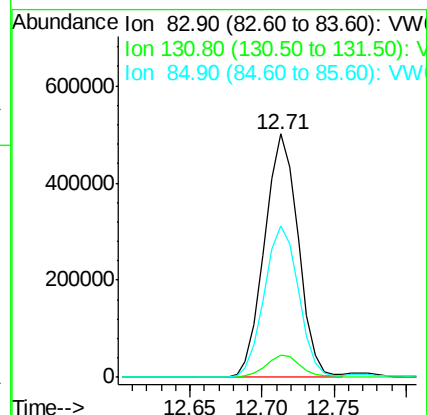
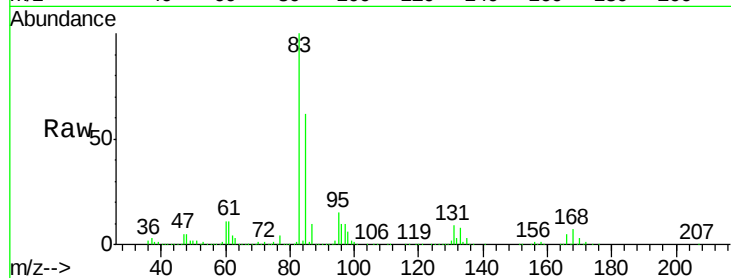
Tot Ion: 83 Resp: 815007

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 63.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 131.266 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015201.D

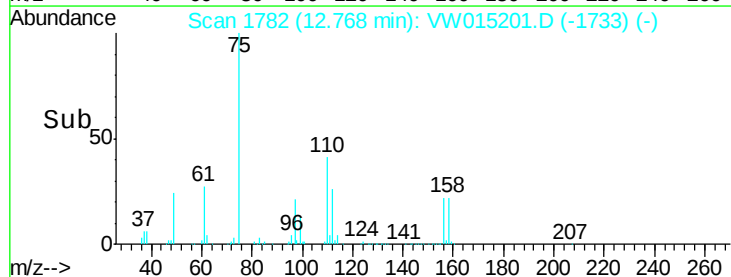
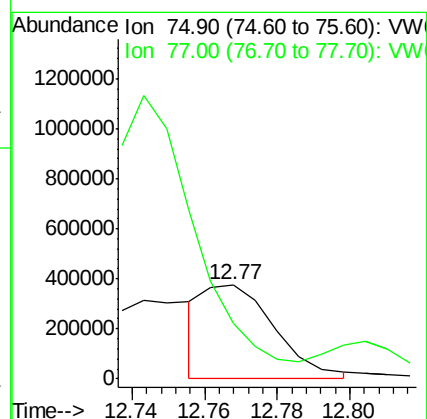
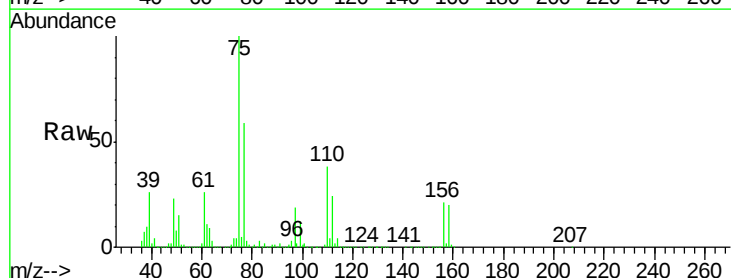
Acq: 15 Apr 2020 14:07

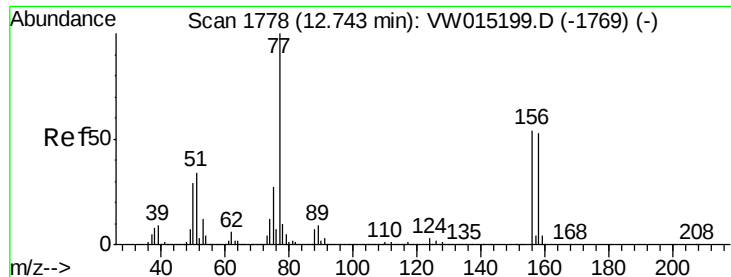
Tgt Ion: 75 Resp: 512967

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 137.835 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

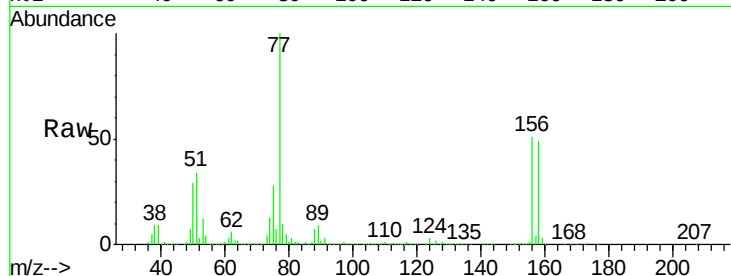
Tot Ion:156 Resp: 964703

Ion Ratio Lower Upper

156 100

77 210.3 100.5 301.5

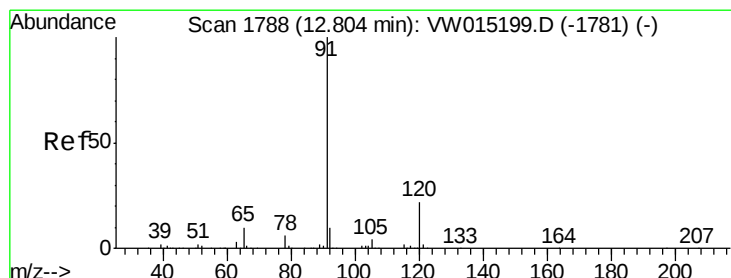
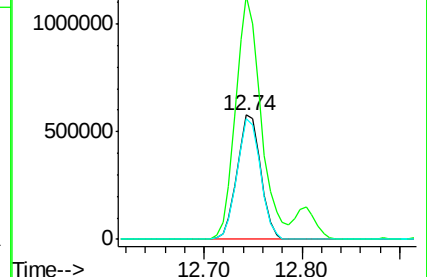
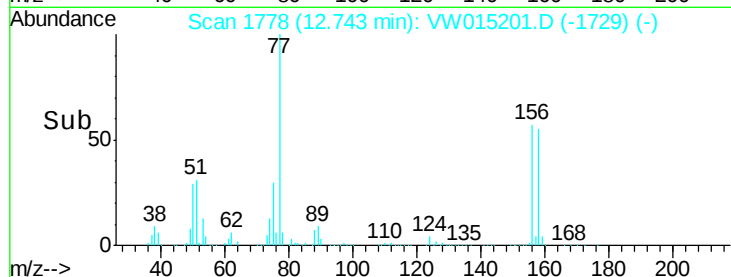
158 97.0 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 141.401 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015201.D

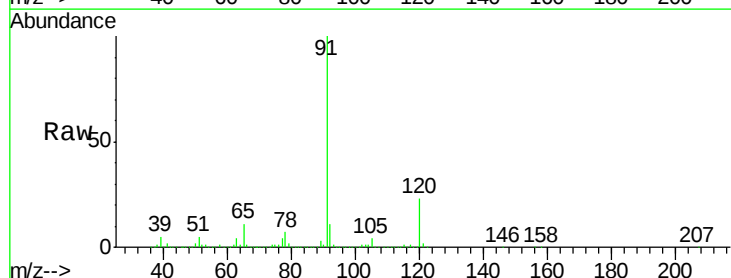
Acq: 15 Apr 2020 14:07

Tgt Ion: 91 Resp: 5718747

Ion Ratio Lower Upper

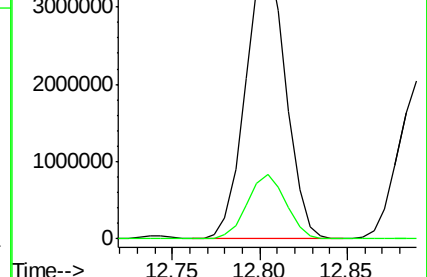
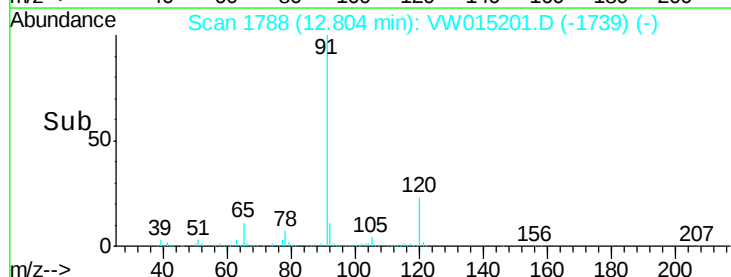
91 100

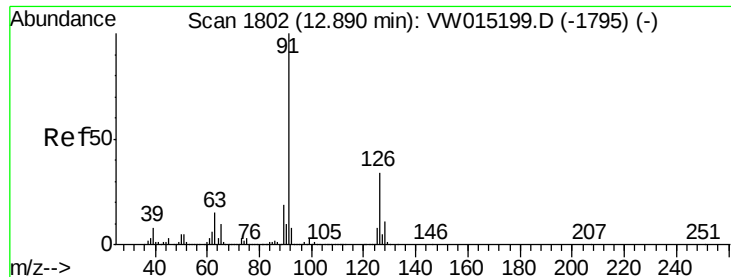
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.912 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

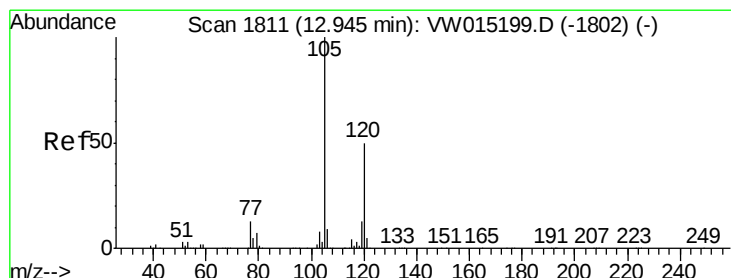
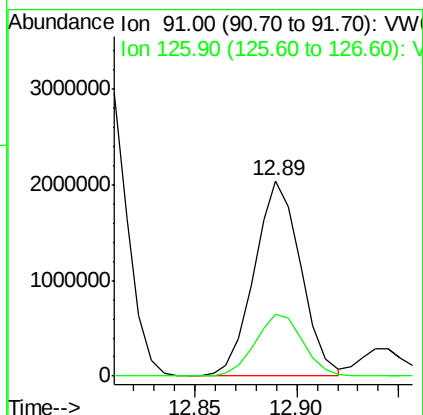
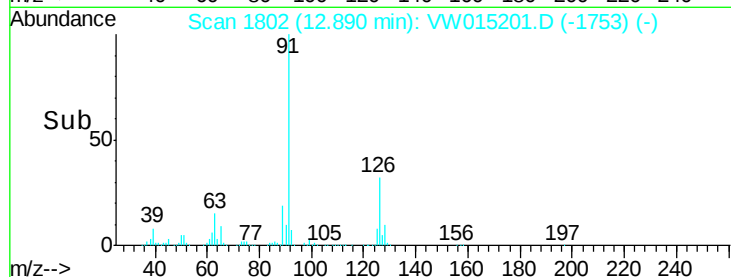
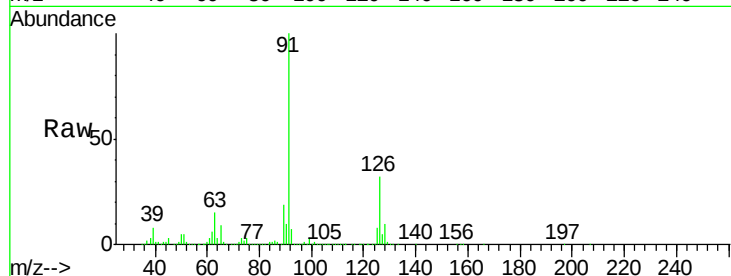
VSTDIC150

Tot Ion: 91 Resp: 3233991

Ion Ratio Lower Upper

91 100

126 32.4 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 141.568 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015201.D

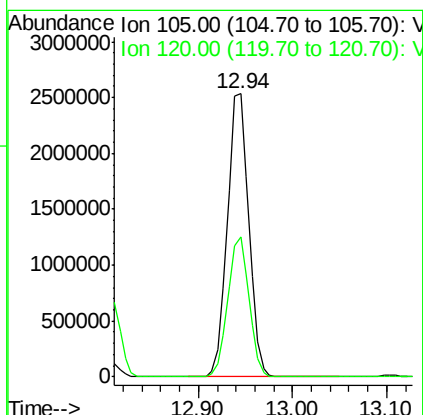
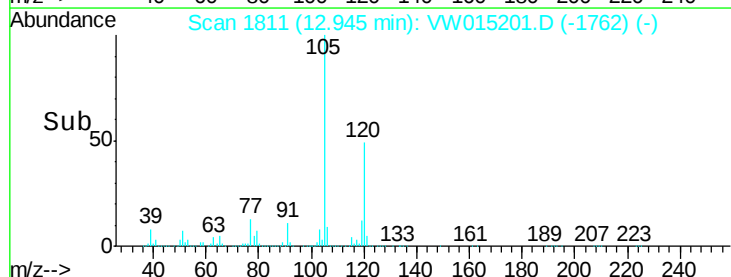
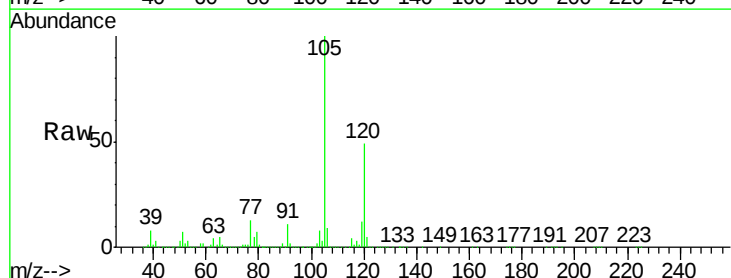
Acq: 15 Apr 2020 14:07

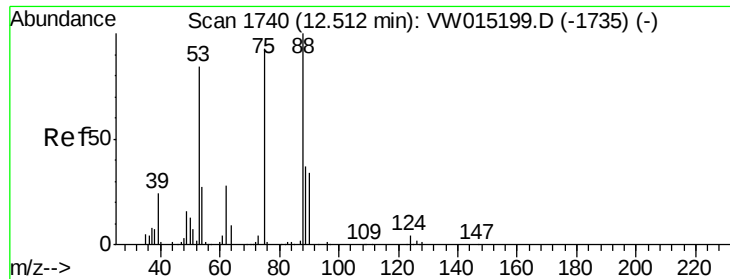
Tgt Ion:105 Resp: 3993144

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.8

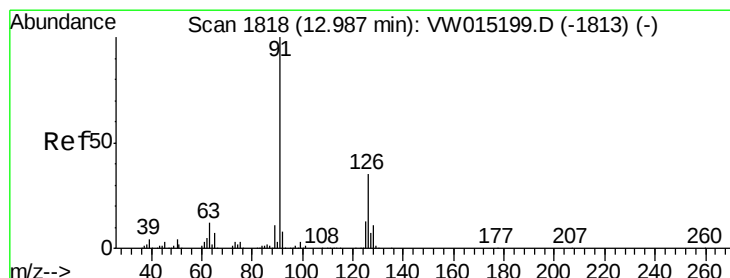
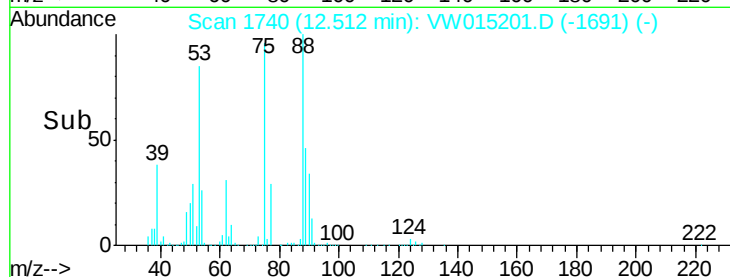
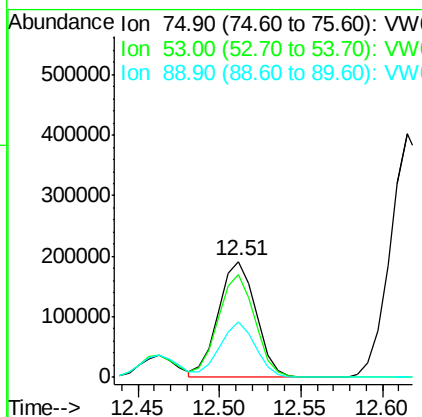
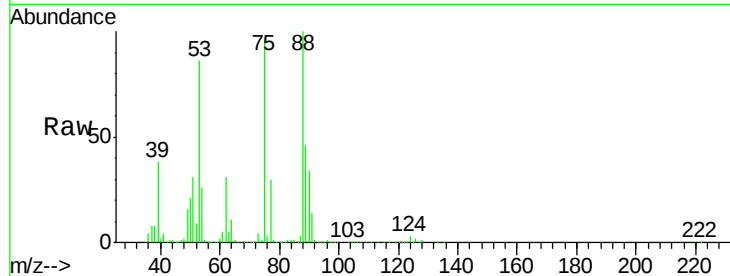




#81
trans-1,4-Dichloro-2-butene
Concen: 157.090 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

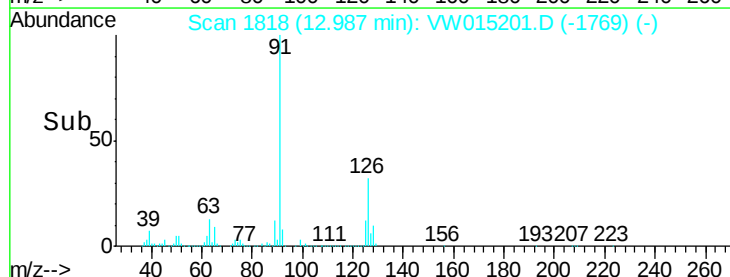
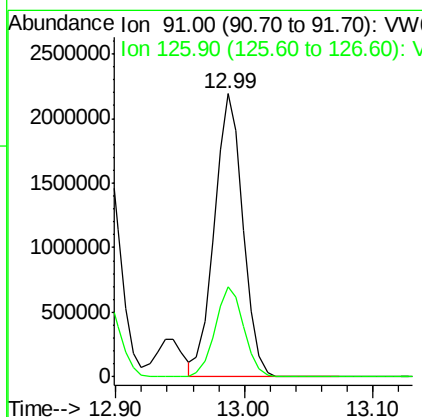
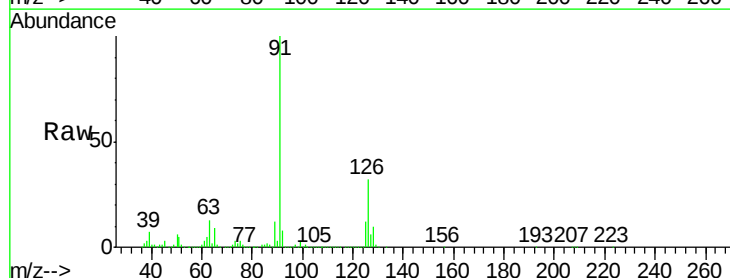
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

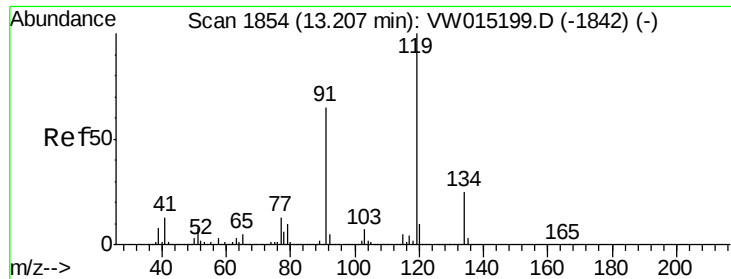
Tot Ion: 75 Resp: 304252
Ion Ratio Lower Upper
75 100
53 87.3 69.4 104.2
89 44.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 145.929 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion: 91 Resp: 3413959
Ion Ratio Lower Upper
91 100
126 31.8 16.8 50.3

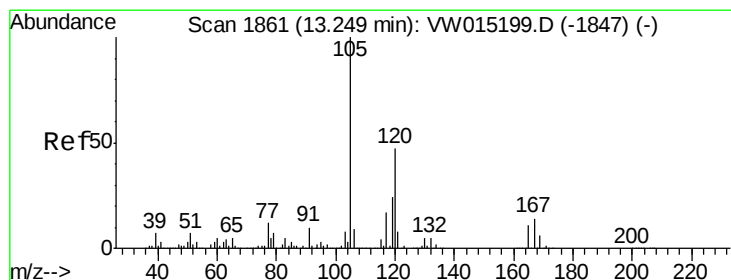
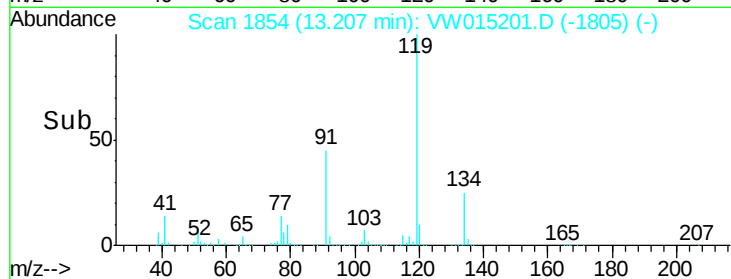
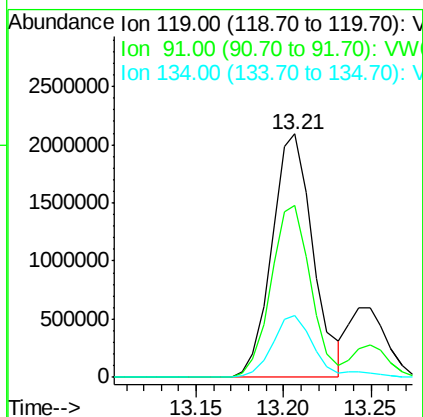
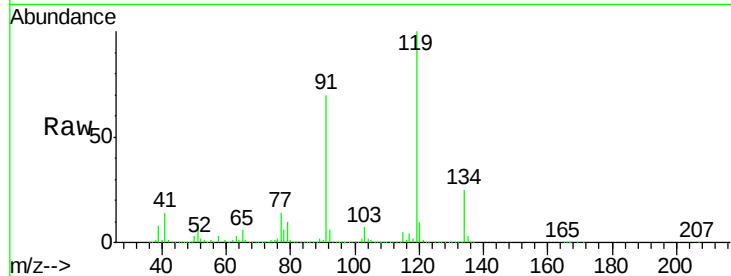




#83
tert-Butylbenzene
Concen: 139.925 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

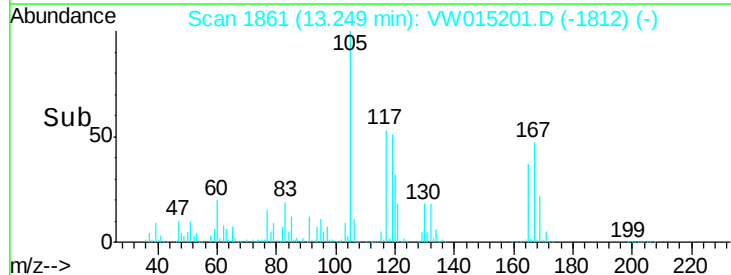
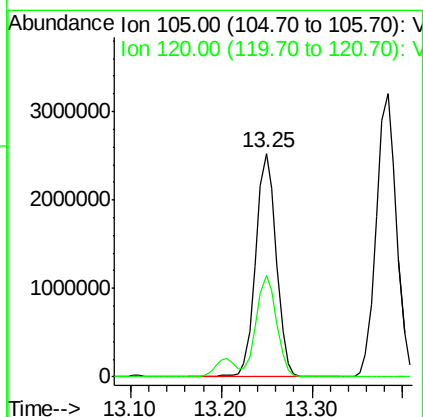
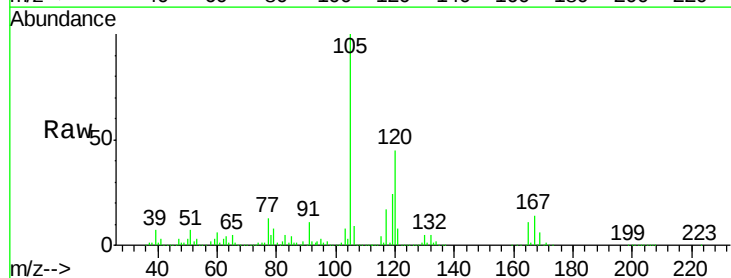
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

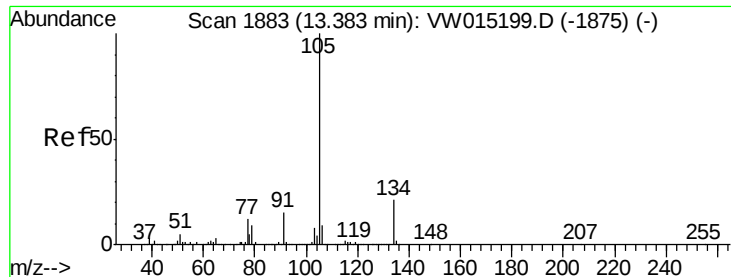
Tot Ion:119 Resp: 3427782
Ion Ratio Lower Upper
119 100
91 68.4 32.8 98.3
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 141.556 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion:105 Resp: 3952353
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 141.364 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

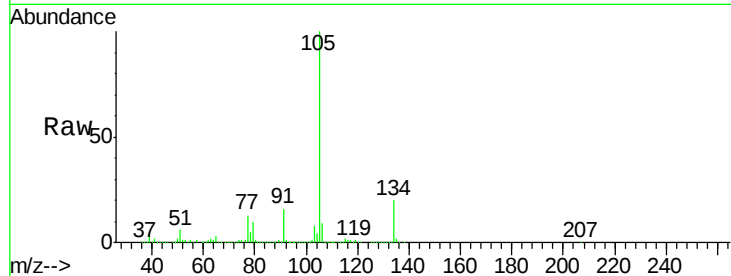
VSTDIC150

Tot Ion:105 Resp: 4917490

Ion Ratio Lower Upper

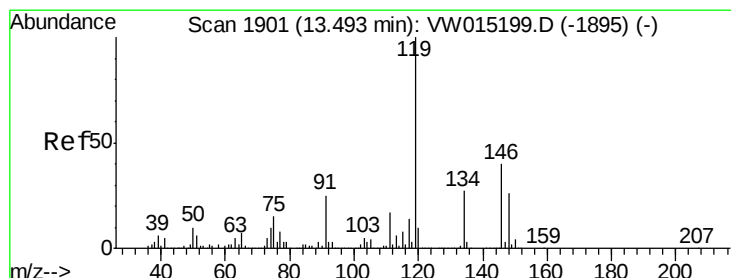
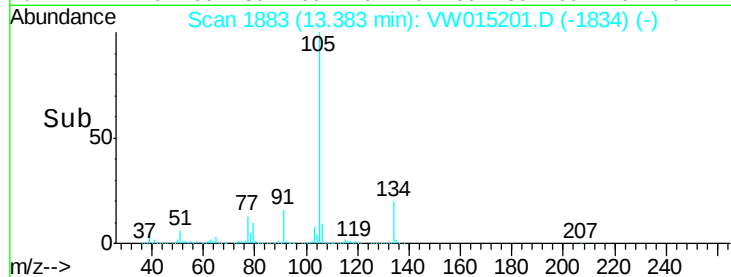
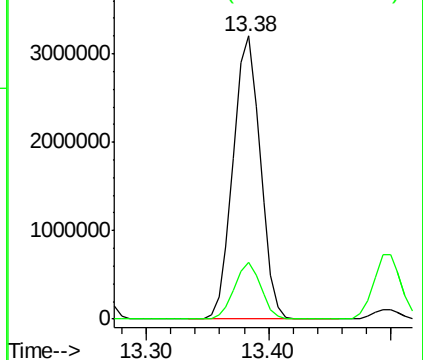
105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 138.768 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

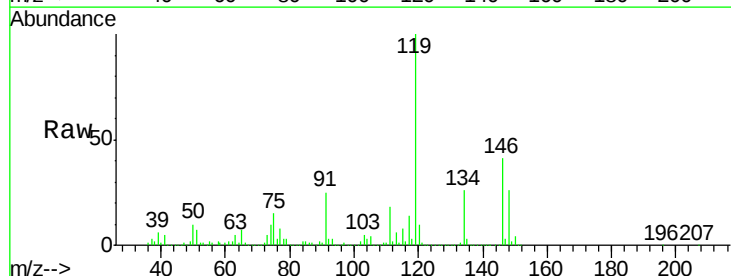
Tgt Ion:119 Resp: 4318324

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

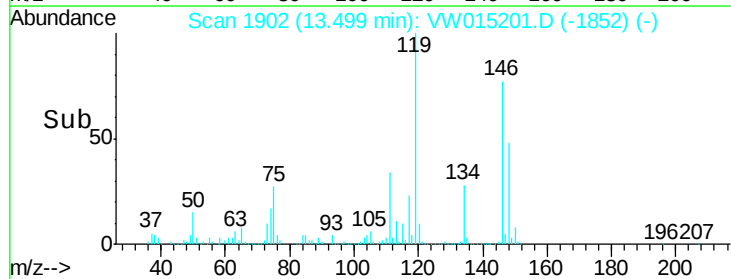
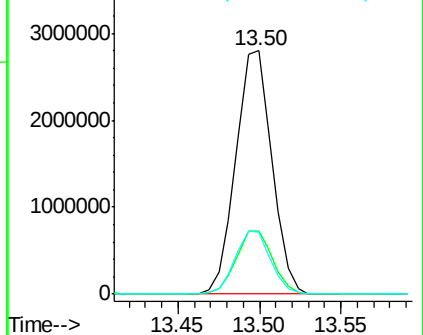
91 25.5 12.0 36.1

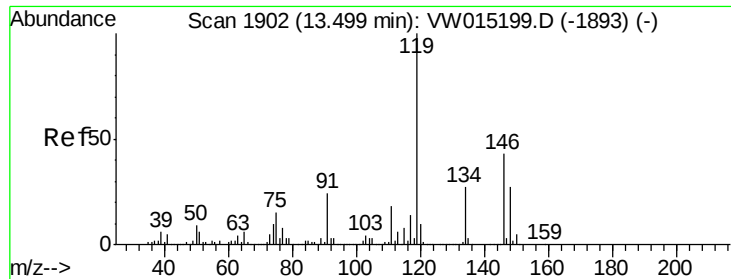


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

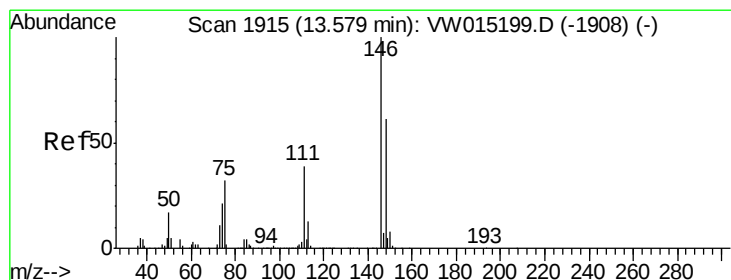
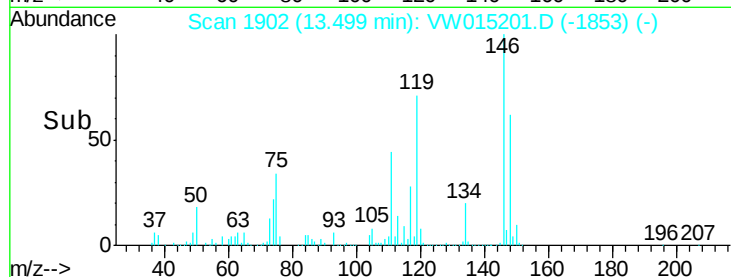
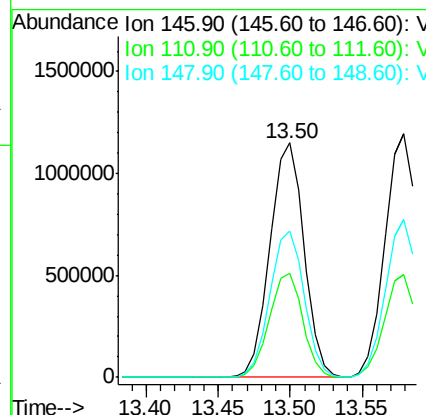
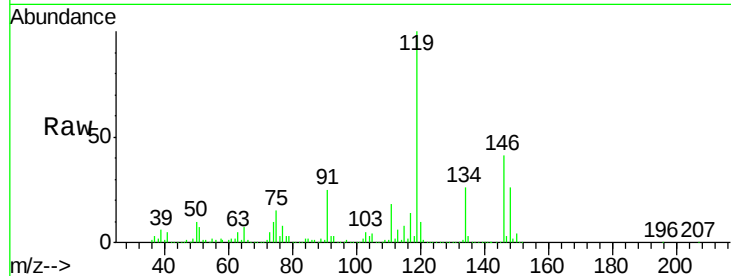




#87
 1,3-Dichlorobenzene
 Concen: 136.789 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

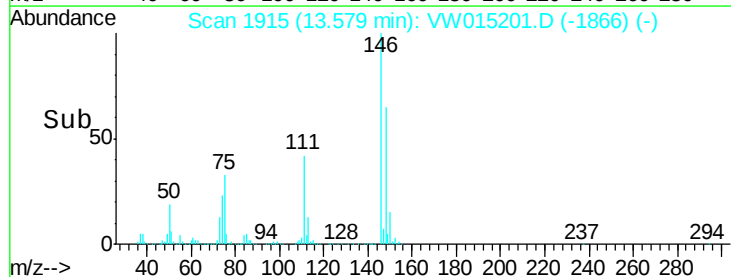
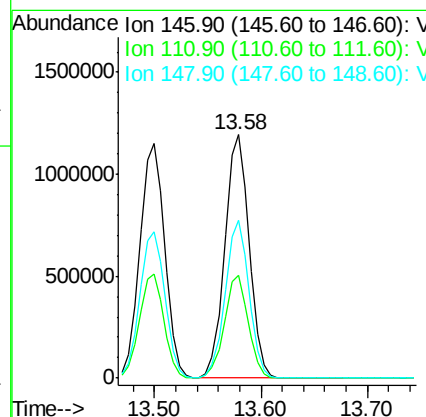
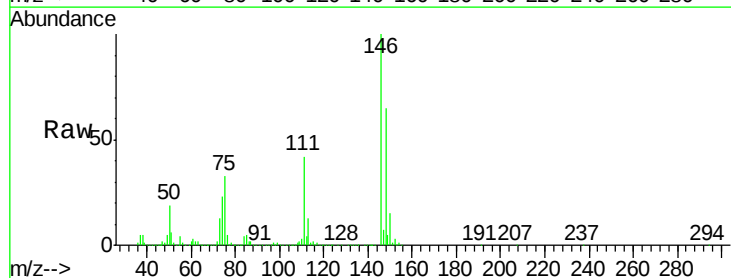
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

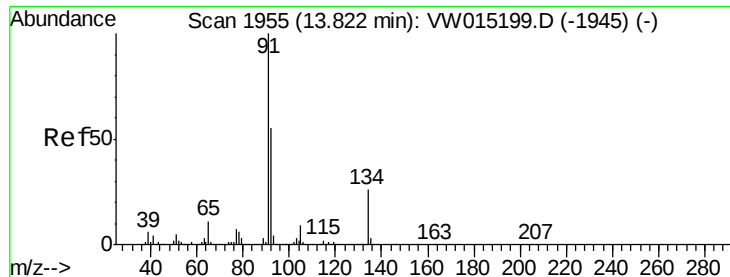
Tot Ion:146 Resp: 1894970
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.4
 148 63.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 138.058 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion:146 Resp: 1900500
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 144.307 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

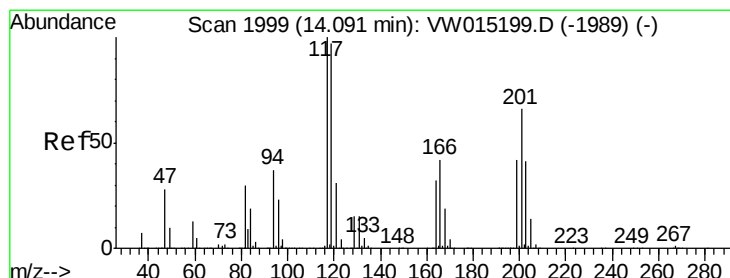
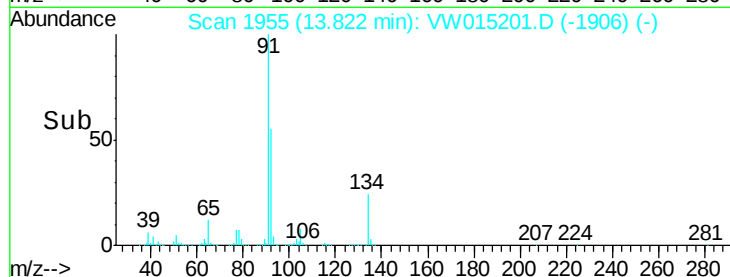
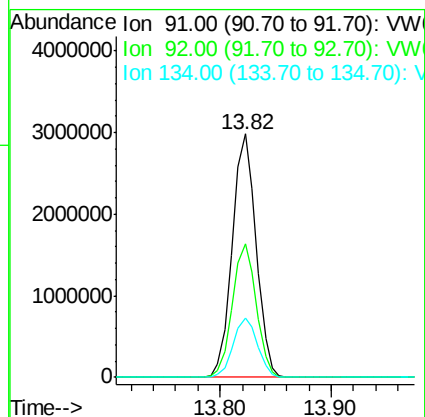
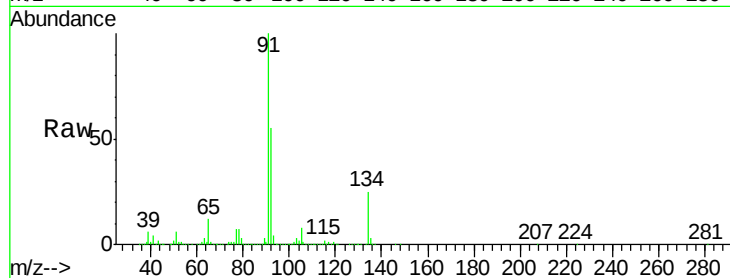
Tot Ion: 91 Resp: 4405981

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

134 25.0 12.8 38.3



#90

Hexachloroethane

Concen: 142.988 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015201.D

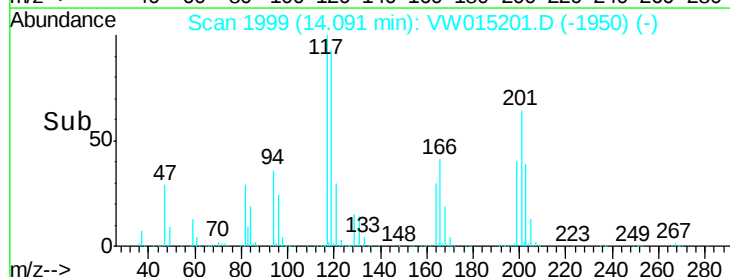
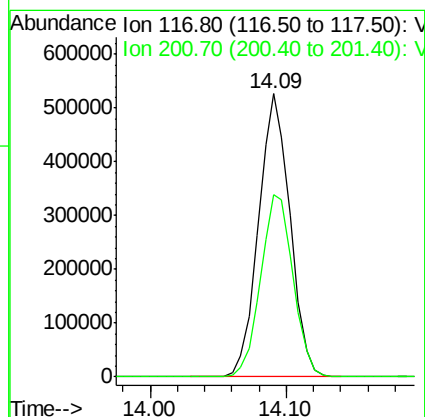
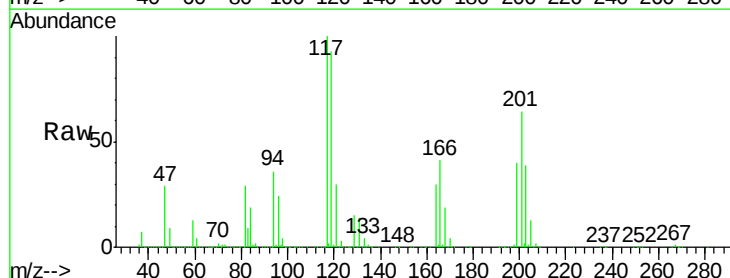
Acq: 15 Apr 2020 14:07

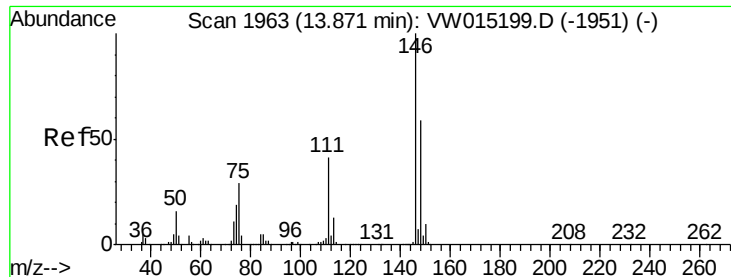
Tgt Ion: 117 Resp: 853841

Ion Ratio Lower Upper

117 100

201 66.3 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 136.391 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

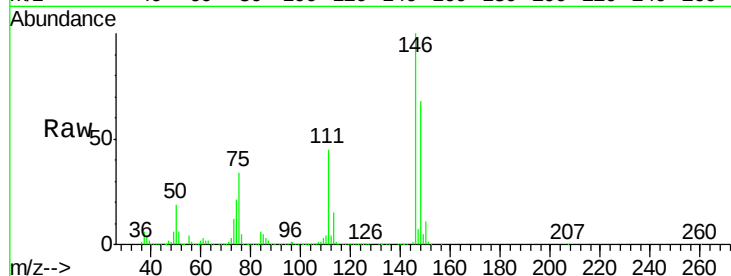
Tot Ion:146 Resp: 1692896

Ion Ratio Lower Upper

146 100

111 44.8 21.6 65.0

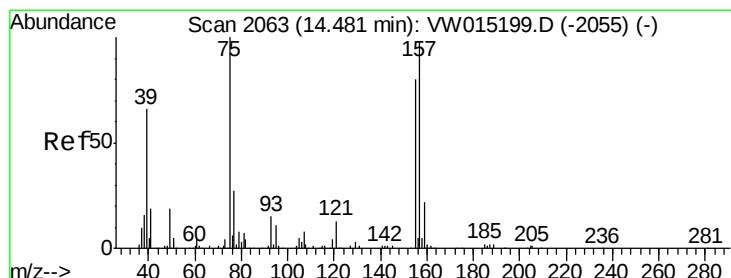
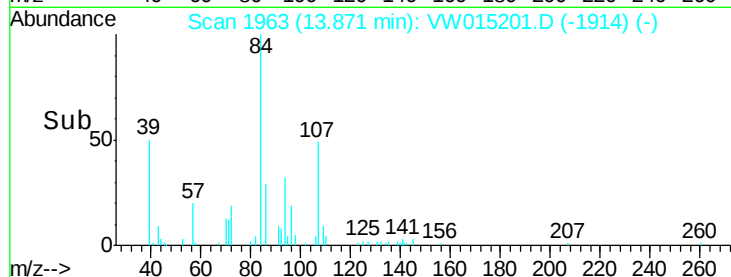
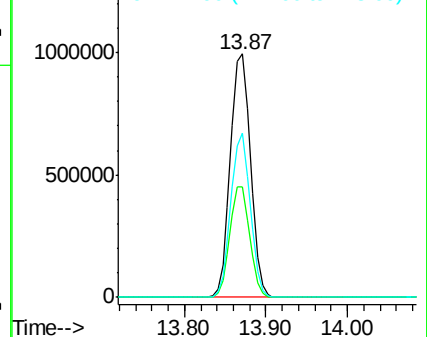
148 64.6 31.0 93.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 142.072 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015201.D

Acq: 15 Apr 2020 14:07

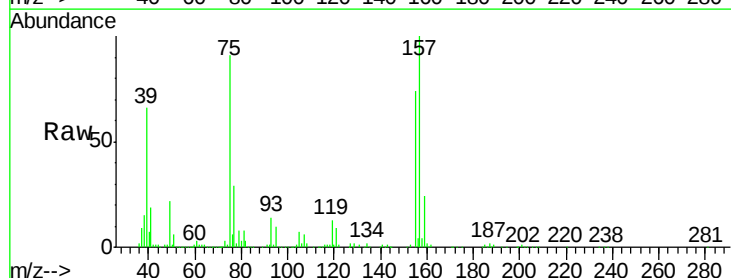
Tgt Ion: 75 Resp: 126749

Ion Ratio Lower Upper

75 100

155 83.0 41.6 124.9

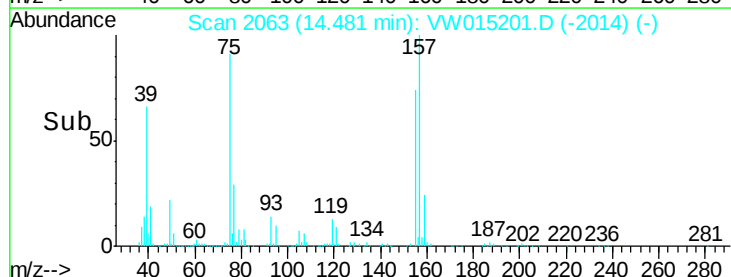
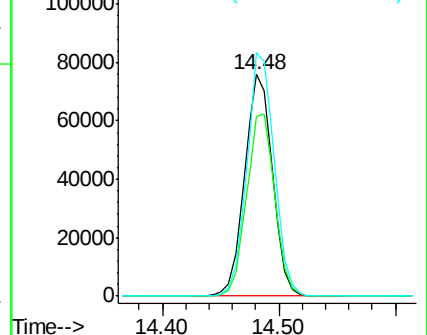
157 107.8 53.8 161.2

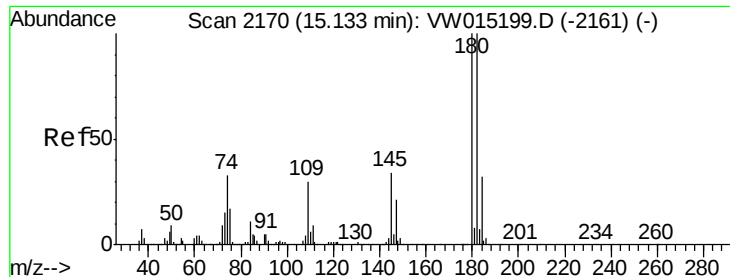


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



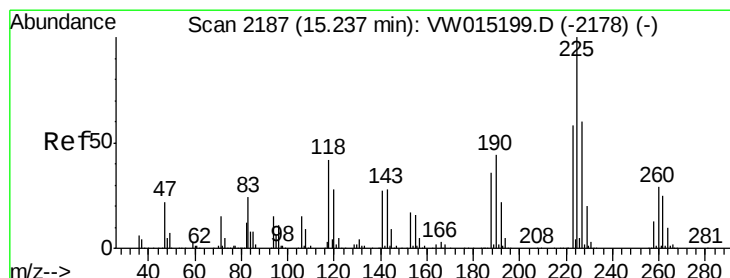
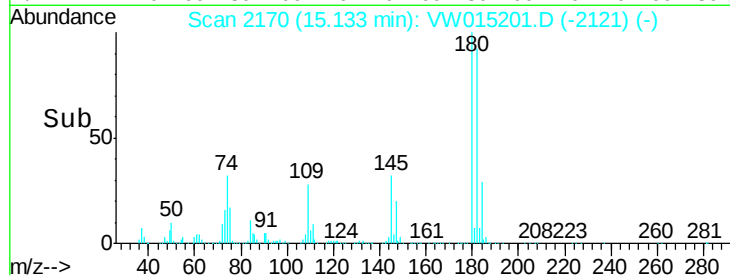
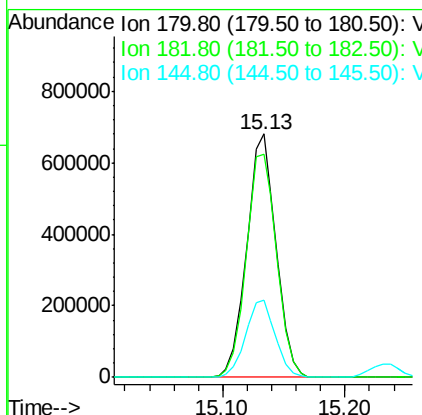
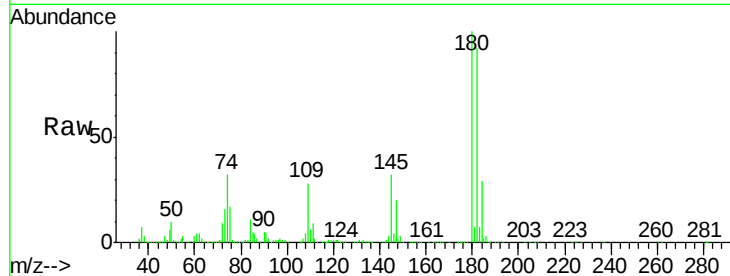


#93
 1,2,4-Trichlorobenzene
 Concen: 137.791 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1127693

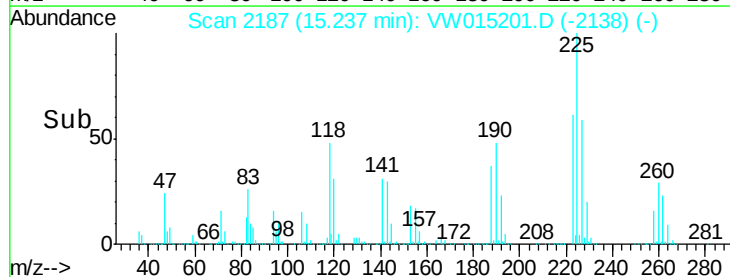
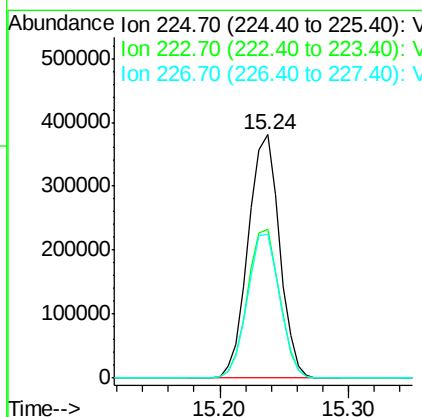
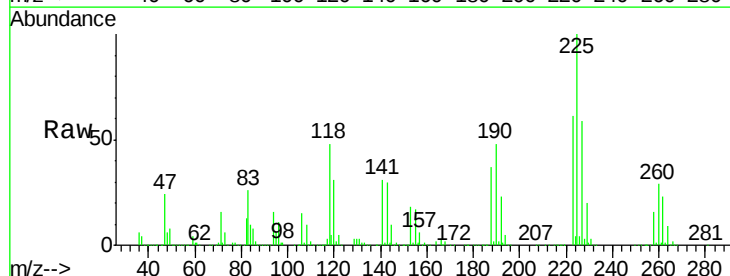
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	32.1	16.2	48.6

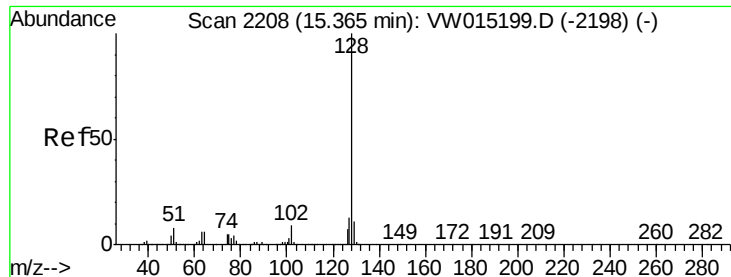


#94
 Hexachlorobutadiene
 Concen: 134.165 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015201.D
 Acq: 15 Apr 2020 14:07

Tgt Ion:225 Resp: 636404

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.0	93.0
227	61.1	30.8	92.3

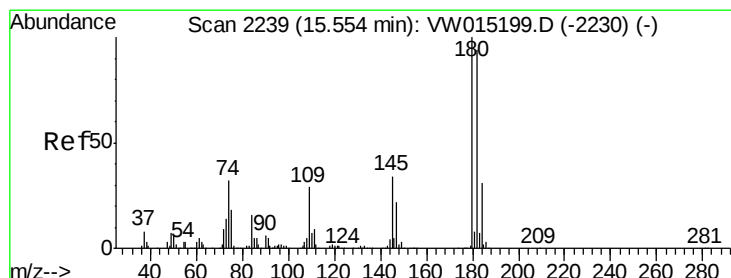
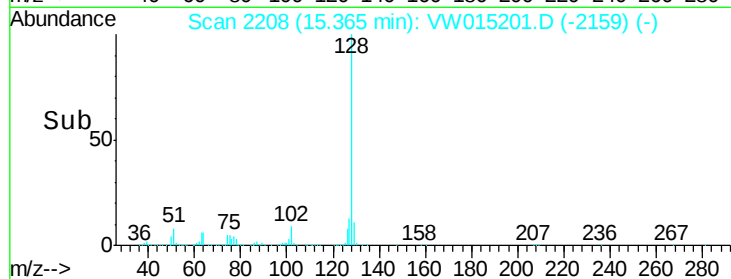
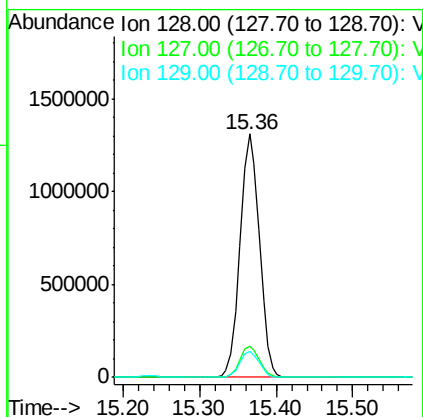
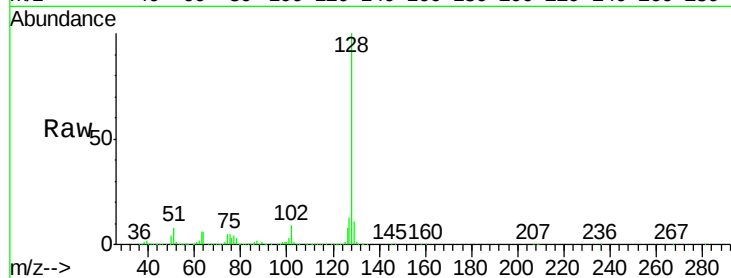




#95
Naphthalene
Concen: 147.202 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 2291164
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 138.789 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015201.D
Acq: 15 Apr 2020 14:07

Tgt Ion:180 Resp: 974314
Ion Ratio Lower Upper
180 100
182 96.8 48.8 146.3
145 34.4 17.2 51.6

