

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015250.D
 Acq On : 21 Apr 2020 09:45
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:51:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178469	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	86782	44.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.30%	
35) Dibromofluoromethane	7.88	113	87456	47.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.78%	
50) Toluene-d8	10.32	98	373793	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	145953	49.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	87543	46.637	ug/l	98
3) Chloromethane	2.21	50	96493	47.204	ug/l	99
4) Vinyl Chloride	2.36	62	116545	48.281	ug/l	99
5) Bromomethane	2.77	94	85001	49.526	ug/l	92
6) Chloroethane	2.92	64	68786	45.940	ug/l	99
7) Trichlorofluoromethane	3.26	101	154044	45.098	ug/l	98
8) Diethyl Ether	3.69	74	42895	44.740	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.07	101	93336	44.310	ug/l	92
10) Methyl Iodide	4.28	142	112771	50.972	ug/l	98
11) Tert butyl alcohol	5.18	59	26479	167.110	ug/l	99
12) 1,1-Dichloroethene	4.04	96	91026	44.896	ug/l	94
13) Acrolein	3.90	56	21834	263.270	ug/l	100
14) Allyl chloride	4.67	41	117561	43.708	ug/l #	85
15) Acrylonitrile	5.37	53	79212	217.101	ug/l	99
16) Acetone	4.13	43	75980	223.792	ug/l	97
17) Carbon Disulfide	4.39	76	275609	45.743	ug/l	98
18) Methyl Acetate	4.68	43	36849	41.003	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	207068	44.490	ug/l	97
20) Methylene Chloride	4.92	84	98276	44.167	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	104054	45.252	ug/l	93
22) Diisopropyl ether	6.31	45	234770	45.499	ug/l	93
23) Vinyl Acetate	6.26	43	672129	221.975	ug/l	95
24) 1,1-Dichloroethane	6.22	63	161014	45.025	ug/l	98
25) 2-Butanone	7.17	43	98319	218.273	ug/l	90
26) 2,2-Dichloropropane	7.17	77	164923	43.837	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	113892	45.879	ug/l	98
28) Bromochloromethane	7.51	49	59147	45.491	ug/l #	72
29) Tetrahydrofuran	7.53	42	58060	206.890	ug/l	87
30) Chloroform	7.68	83	175923	45.581	ug/l	100
31) Cyclohexane	7.95	56	147906	41.146	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	166106	44.592	ug/l	99
36) 1,1-Dichloropropene	8.08	75	138245	45.975	ug/l	98
37) Ethyl Acetate	7.26	43	42628	43.681	ug/l	98
38) Carbon Tetrachloride	8.07	117	151621	46.141	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178476	44.594	ug/l	97
40) Benzene	8.32	78	381168	47.454	ug/l	96
41) Methacrylonitrile	7.49	41	27341	46.693	ug/l	96
42) 1,2-Dichloroethane	8.40	62	109789	46.430	ug/l	100
43) Isopropyl Acetate	8.42	43	89361	43.659	ug/l	93
44) Trichloroethene	9.09	130	118613	48.276	ug/l	92
45) 1,2-Dichloropropane	9.37	63	87344	46.760	ug/l	100
46) Dibromomethane	9.46	93	50109	46.374	ug/l #	86
47) Bromodichloromethane	9.64	83	134684	46.627	ug/l	99
48) Methyl methacrylate	9.43	41	41994	43.401	ug/l #	84
49) 1,4-Dioxane	9.45	88	11906	826.533	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	210934	219.538	ug/l	96
52) Toluene	10.38	92	275483	49.005	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	132989	46.693	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	155339	46.922	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	68453	45.242	ug/l	99
56) Ethyl methacrylate	10.65	69	90642	46.503	ug/l	93
57) 1,3-Dichloropropane	10.93	76	115585	46.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	197751	218.832	ug/l	90
59) 2-Hexanone	10.97	43	159100	231.971	ug/l	96
60) Dibromochloromethane	11.13	129	95869	47.989	ug/l	100
61) 1,2-Dibromoethane	11.23	107	69033	46.759	ug/l	100
64) Tetrachloroethene	10.86	164	109298	48.350	ug/l	94
65) Chlorobenzene	11.66	112	303335	48.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	109748	49.129	ug/l	97
67) Ethyl Benzene	11.73	91	558809	48.212	ug/l	100
68) m/p-Xylenes	11.83	106	444778	97.898	ug/l	99
69) o-Xylene	12.16	106	208412	49.146	ug/l	99
70) Styrene	12.18	104	361109	49.956	ug/l	98
71) Bromoform	12.35	173	59543	47.306	ug/l #	98
73) Isopropylbenzene	12.46	105	569772	46.046	ug/l	100
74) N-amyl acetate	12.27	43	92732	43.076	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	75548	43.001	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	106390	77.058	ug/l #	100
77) Bromobenzene	12.74	156	136551	48.032	ug/l	83
78) n-propylbenzene	12.80	91	662761	46.001	ug/l	96
79) 2-Chlorotoluene	12.89	91	380299	46.838	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	493363	46.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27663	43.799	ug/l	94
82) 4-Chlorotoluene	12.99	91	405849	47.078	ug/l	98
83) tert-Butylbenzene	13.21	119	434175	46.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	486429	46.267	ug/l	100
85) sec-Butylbenzene	13.38	105	583523	45.353	ug/l	97
86) p-Isopropyltoluene	13.50	119	555287	46.446	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	271474	48.060	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	267015	48.223	ug/l	97
89) n-Butylbenzene	13.82	91	491848	45.010	ug/l	97
90) Hexachloroethane	14.09	117	100400	45.792	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	234295	47.732	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14013	44.074	ug/l	85

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Quant Title : SW846 8260
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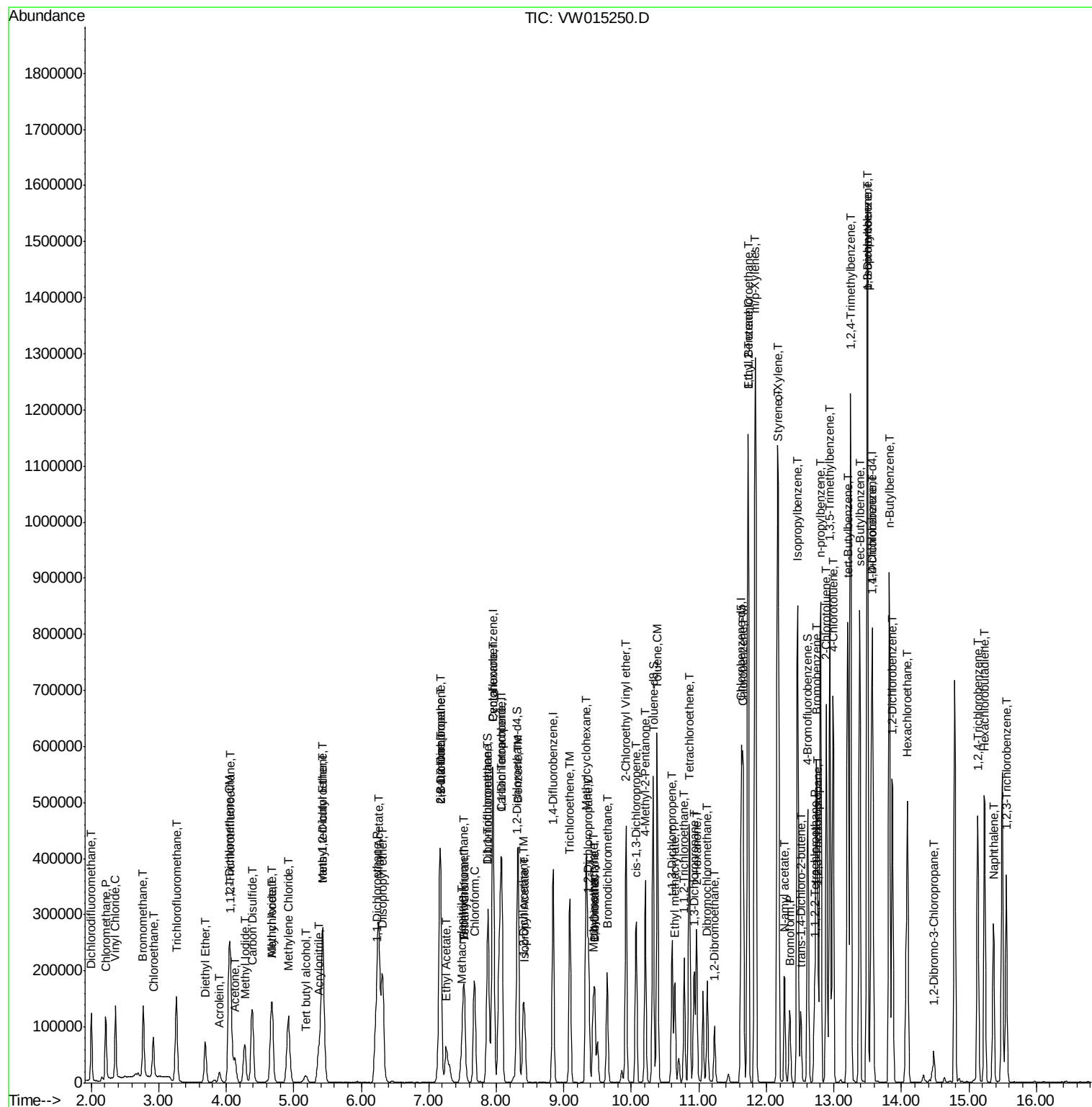
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163134	47.814	ug/l	98
94) Hexachlorobutadiene	15.23	225	109301	48.051	ug/l	97
95) Naphthalene	15.36	128	254725	46.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	132622	47.775	ug/l	97

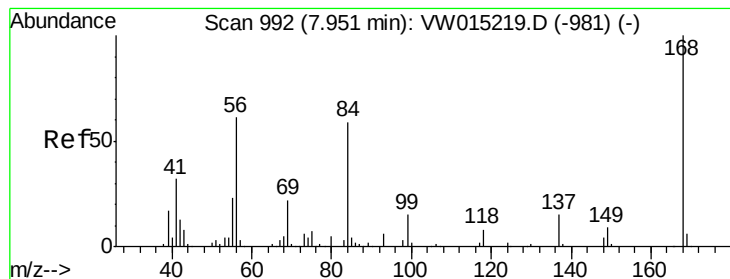
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

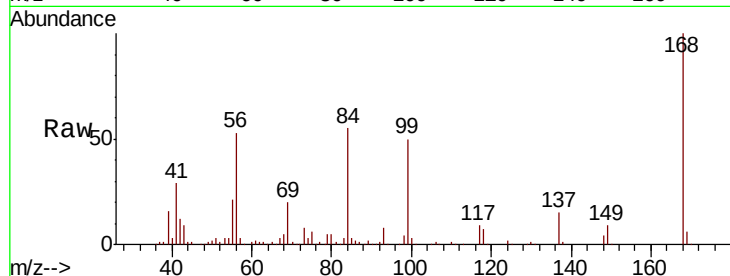
ClientSampleId :

Tot Ion:168 Resp: 237704

Ion Ratio Lower Upper

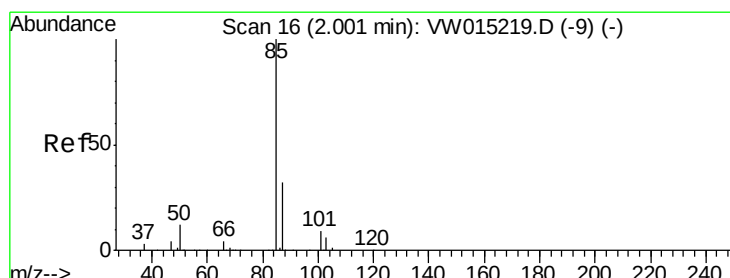
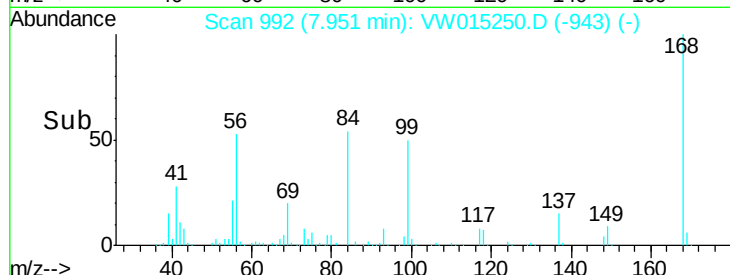
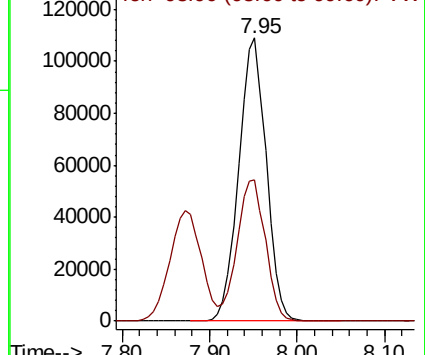
168 100

99 50.1 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: 46.637 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015250.D

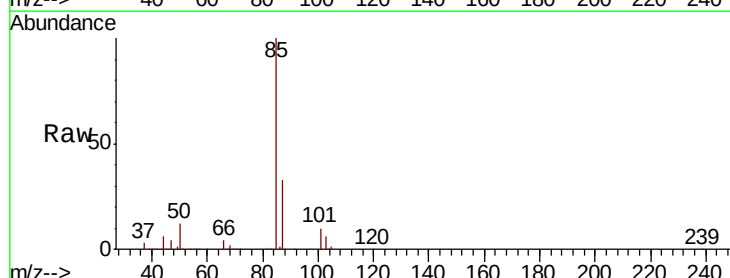
Acq: 21 Apr 2020 09:45

Tgt Ion: 85 Resp: 87543

Ion Ratio Lower Upper

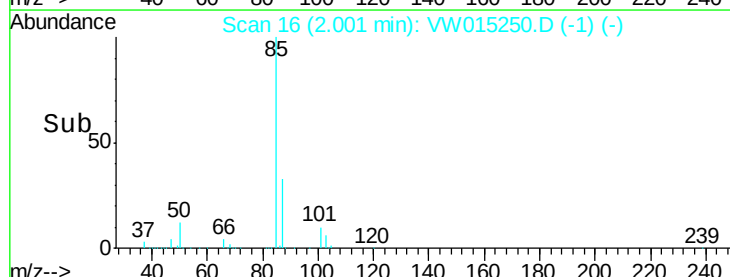
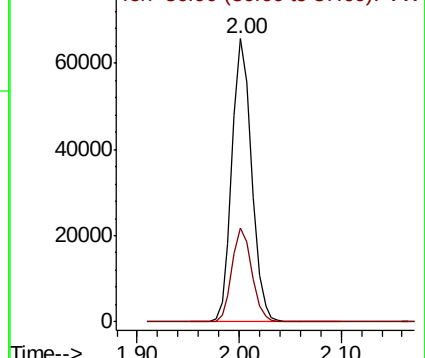
85 100

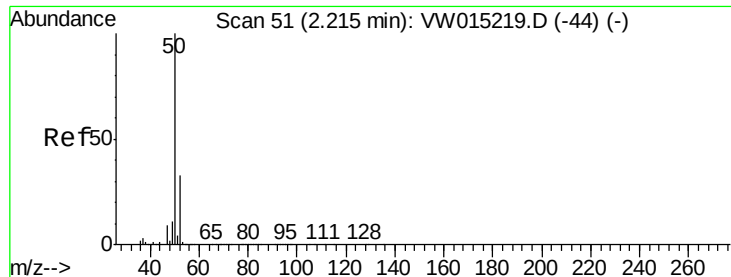
87 33.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.204 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

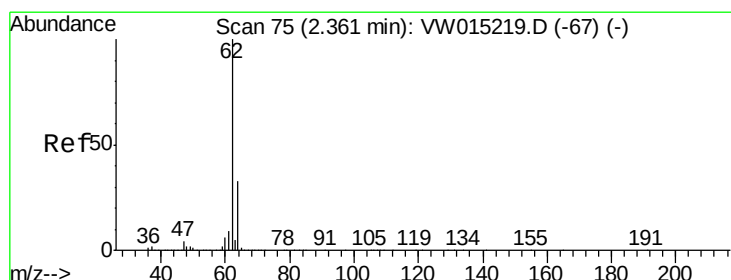
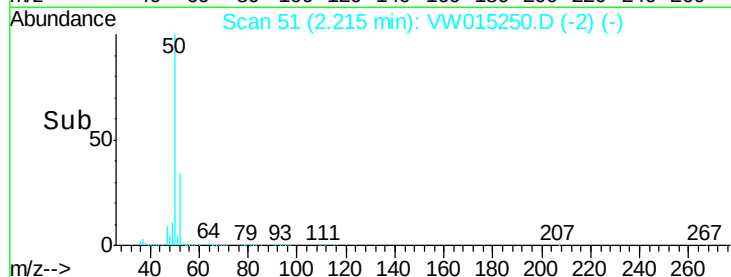
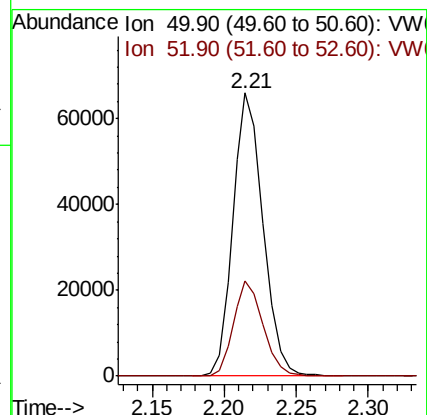
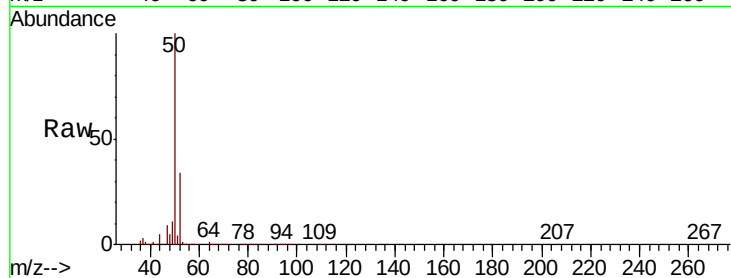
ClientSampleId :

Tot Ion: 50 Resp: 96493

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7



#4

Vinyl Chloride

Concen: 48.281 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015250.D

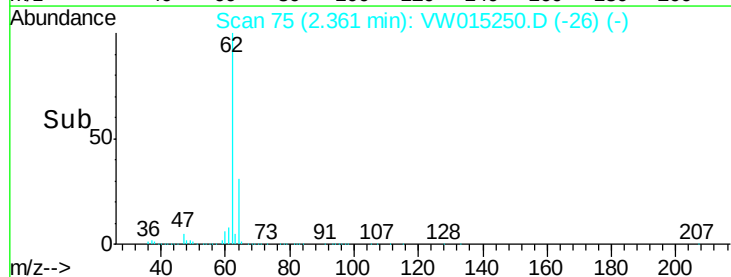
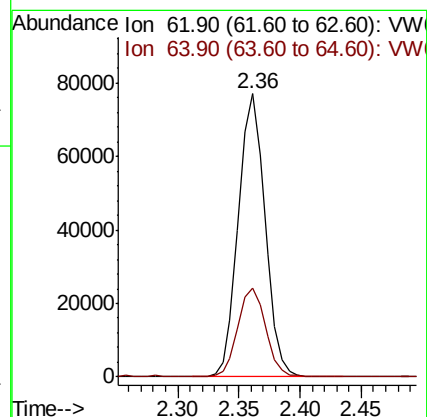
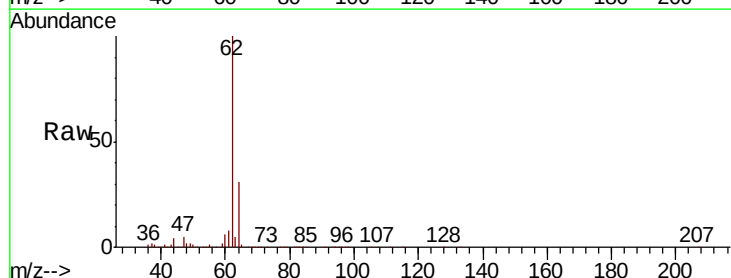
Acq: 21 Apr 2020 09:45

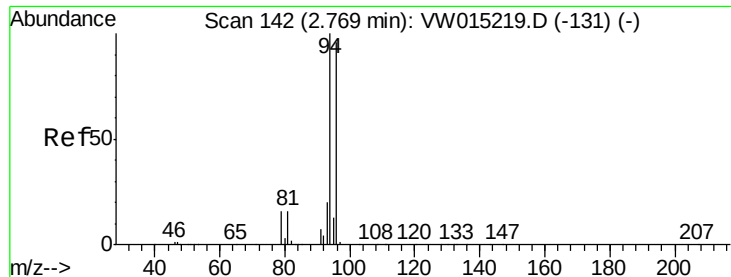
Tgt Ion: 62 Resp: 116545

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 49.526 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

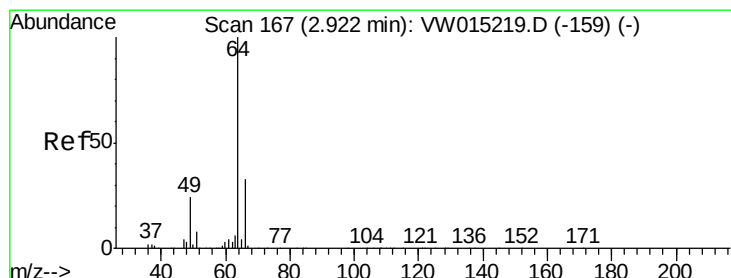
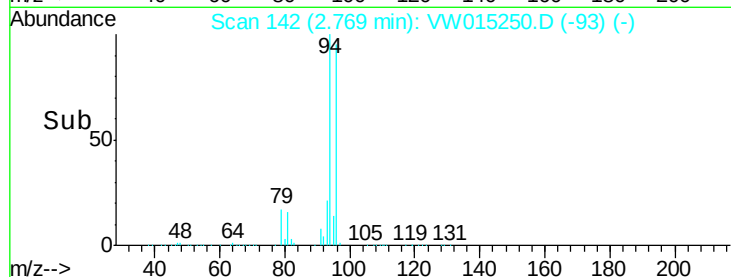
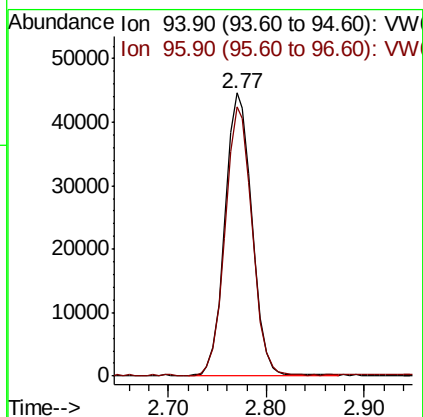
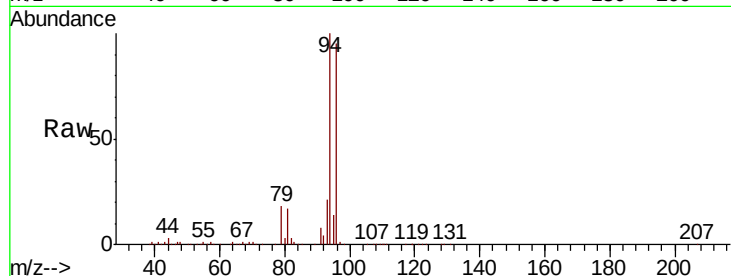
ClientSampleId :

Tot Ion: 94 Resp: 85001

Ion Ratio Lower Upper

94 100

96 95.0 70.4 105.6



#6

Chloroethane

Concen: 45.940 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015250.D

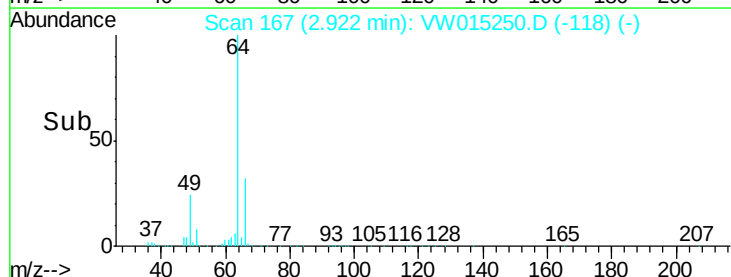
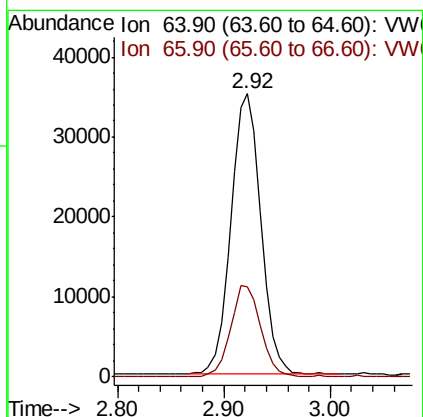
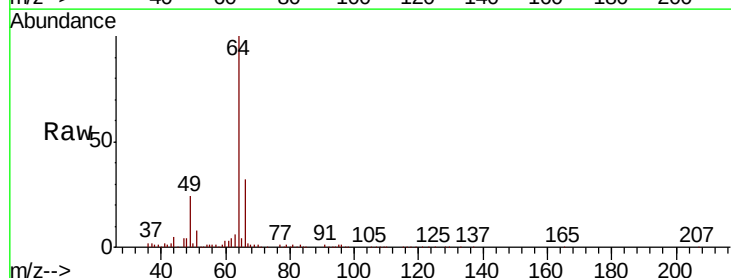
Acq: 21 Apr 2020 09:45

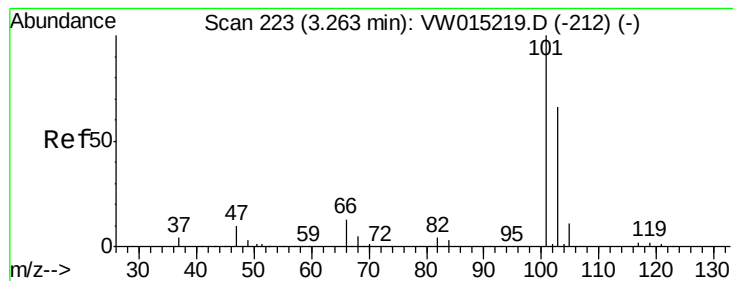
Tgt Ion: 64 Resp: 68786

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6



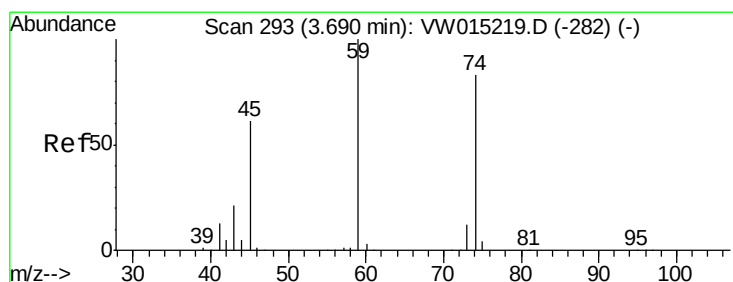
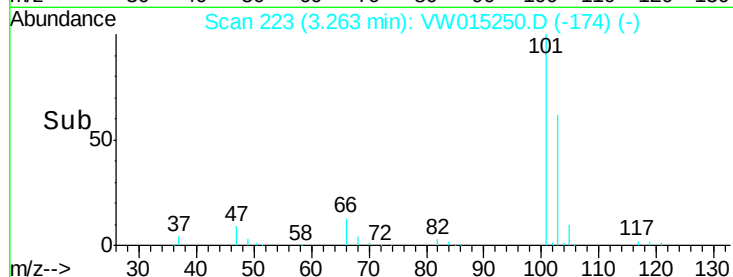
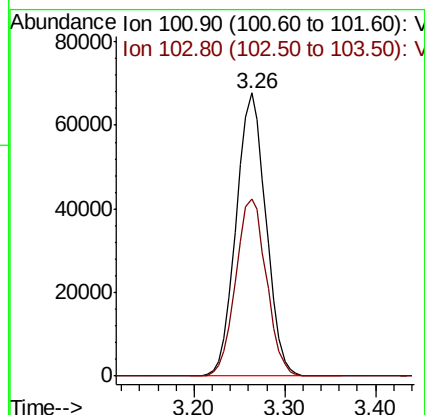
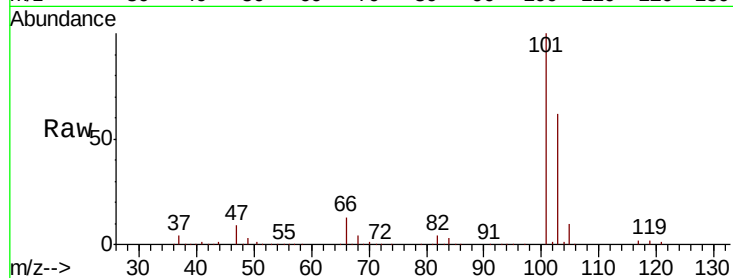


#7

Trichlorofluoromethane
Concen: 45.098 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015250.D
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Instrument :
MSVOA_W
ClientSampleId :

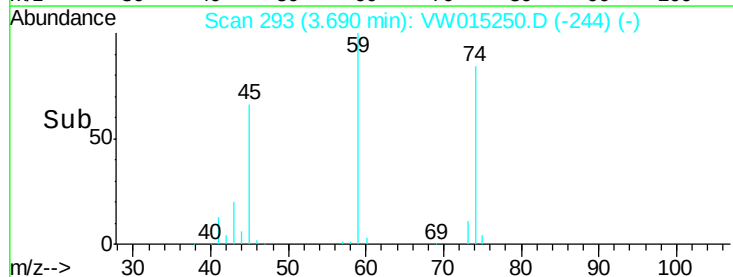
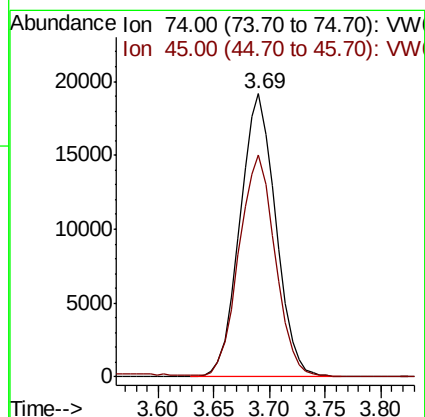
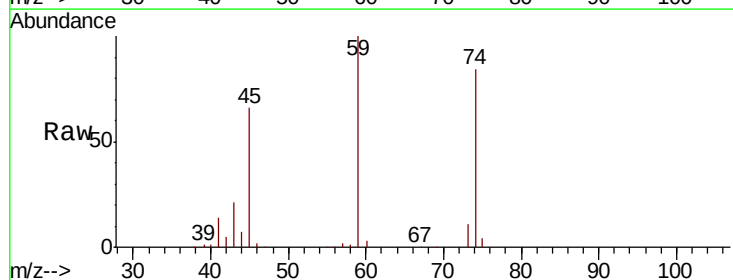
Tot Ion:101 Resp: 154044
Ion Ratio Lower Upper
101 100
103 62.5 51.3 76.9

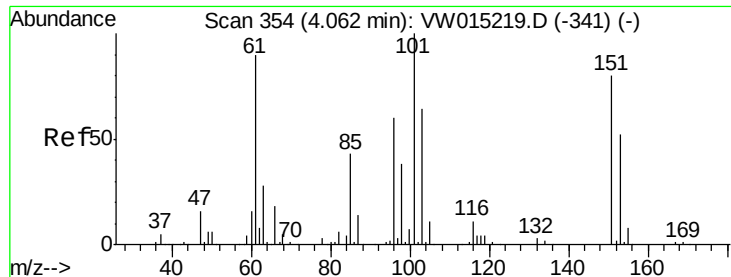


#8

Diethyl Ether
Concen: 44.740 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 74 Resp: 42895
Ion Ratio Lower Upper
74 100
45 79.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.310 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

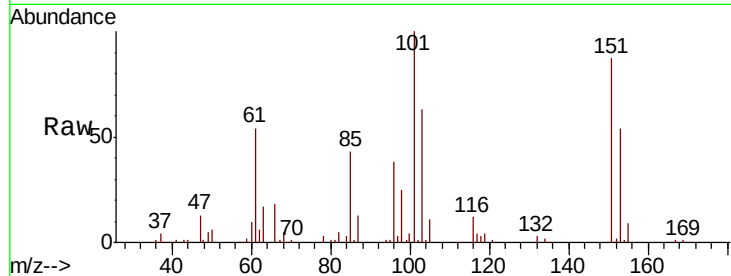
Tot Ion:101 Resp: 93336

Ion Ratio Lower Upper

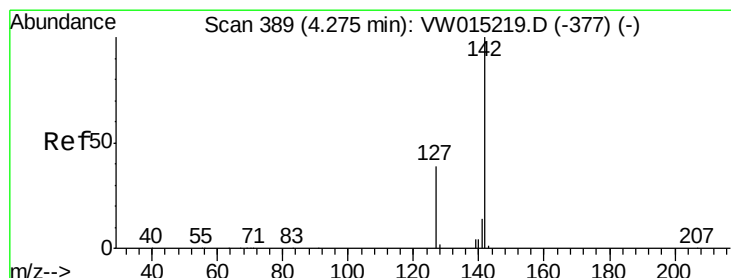
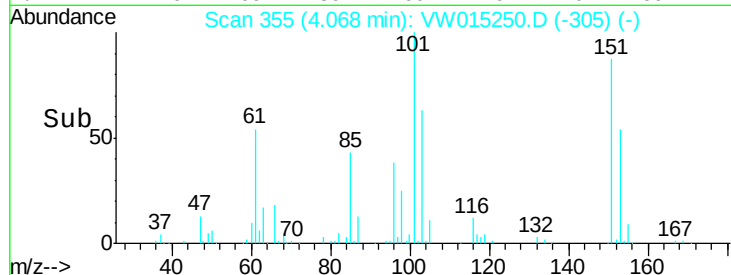
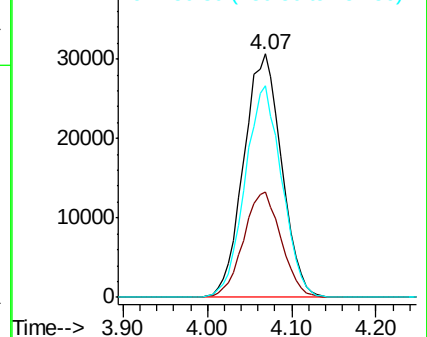
101 100

85 43.0 35.3 52.9

151 84.4 59.3 88.9



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



#10

Methyl Iodide

Concen: 50.972 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

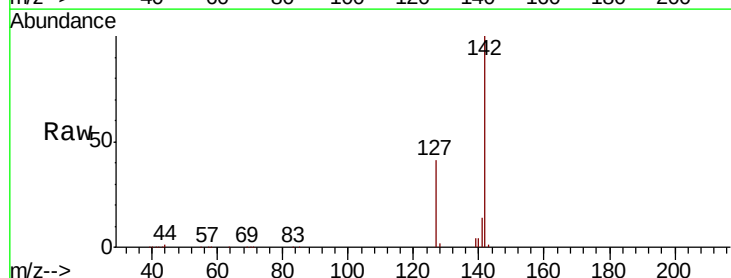
Tgt Ion:142 Resp: 112771

Ion Ratio Lower Upper

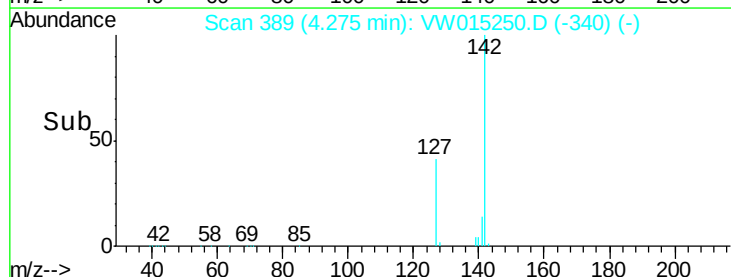
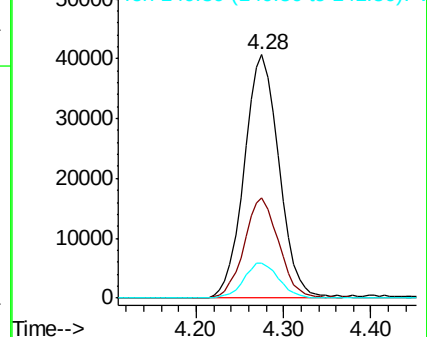
142 100

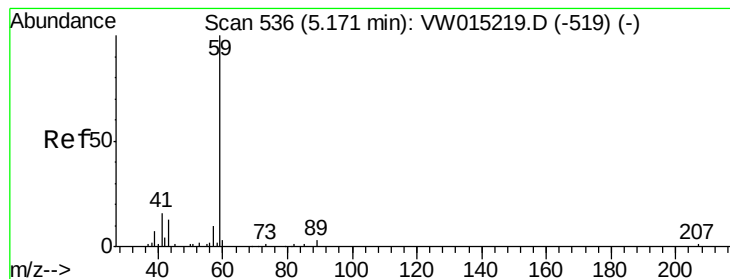
127 40.6 33.9 50.9

141 14.2 11.4 17.2



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



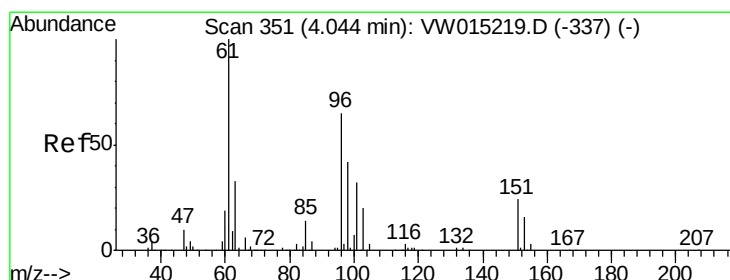
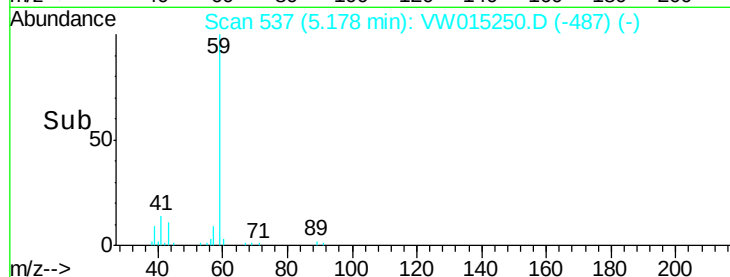
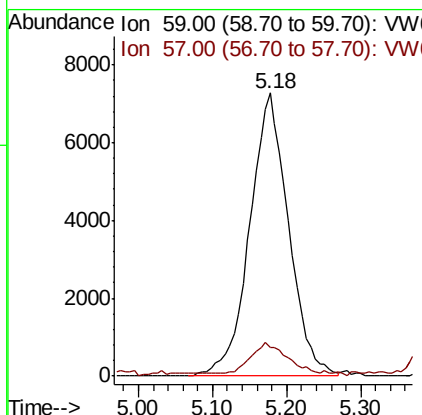
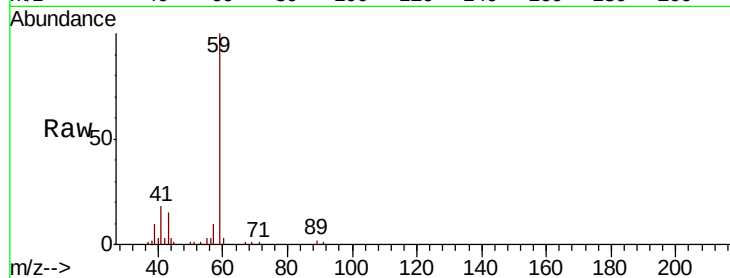


#11

Tert butyl alcohol
 Concen: 167.110 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampled :

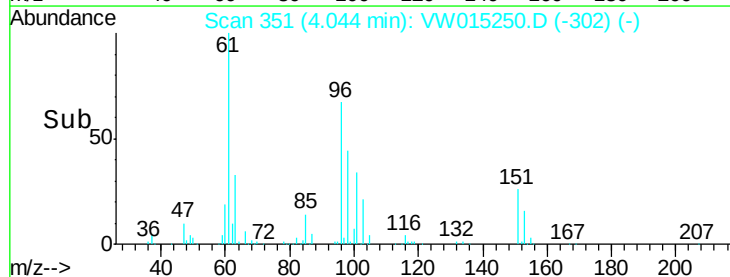
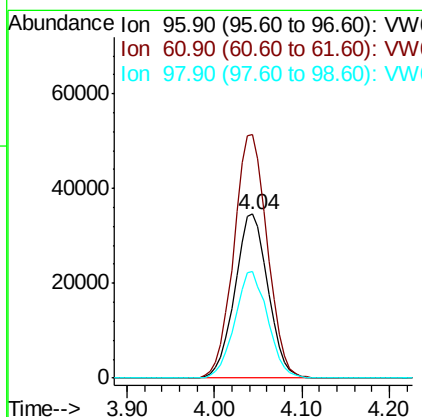
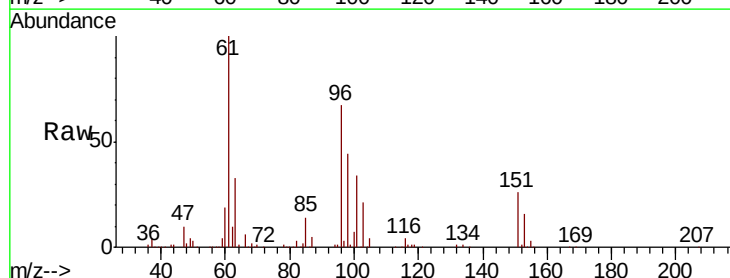
Tot Ion: 59 Resp: 26479
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

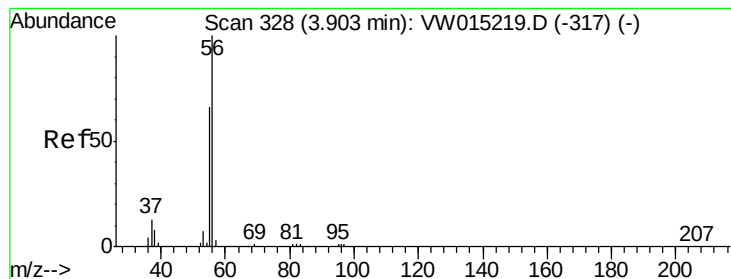


#12

1,1-Dichloroethene
 Concen: 44.896 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 96 Resp: 91026
 Ion Ratio Lower Upper
 96 100
 61 148.7 127.0 190.4
 98 65.3 51.0 76.4





#13

Acrolein

Concen: 263.270 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

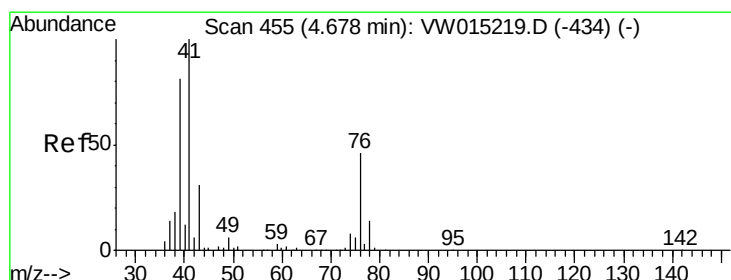
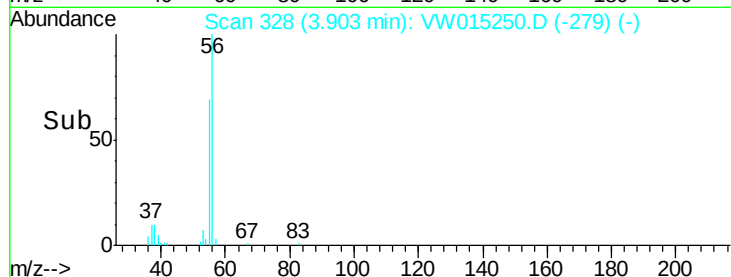
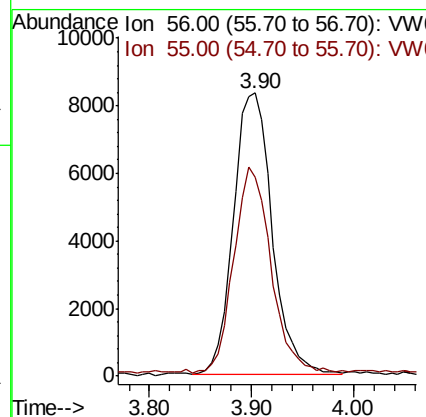
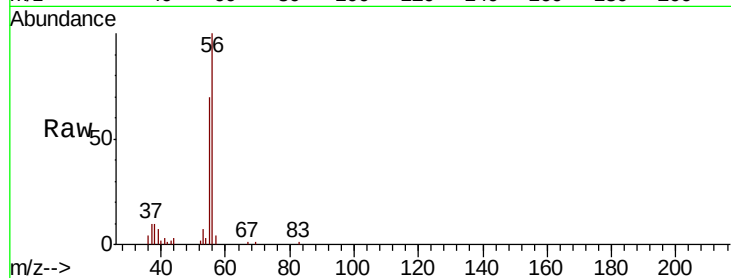
ClientSampleId :

Tot Ion: 56 Resp: 21834

Ion Ratio Lower Upper

56 100

55 69.8 56.2 84.2



#14

Allyl chloride

Concen: 43.708 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

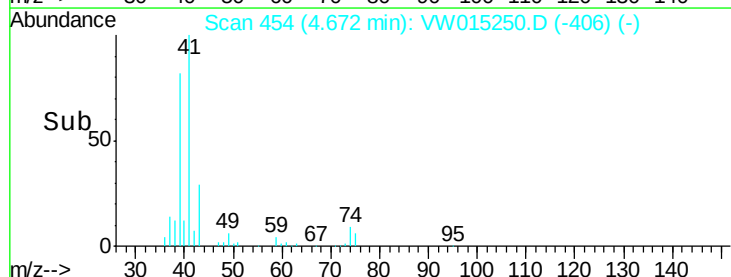
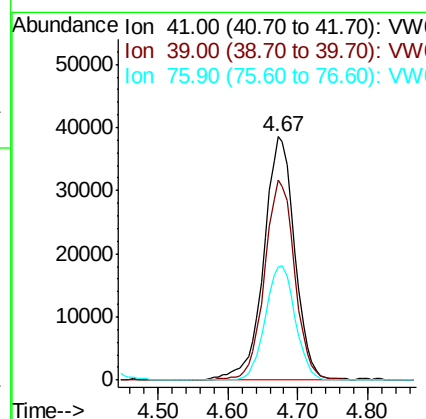
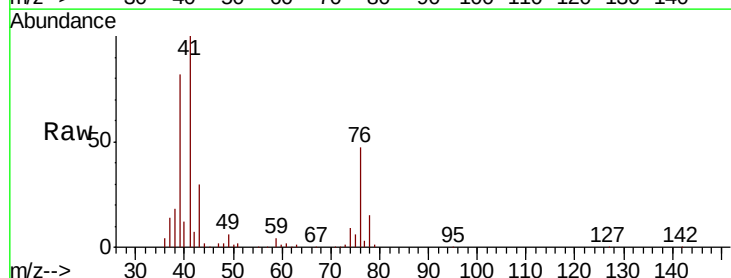
Tgt Ion: 41 Resp: 117561

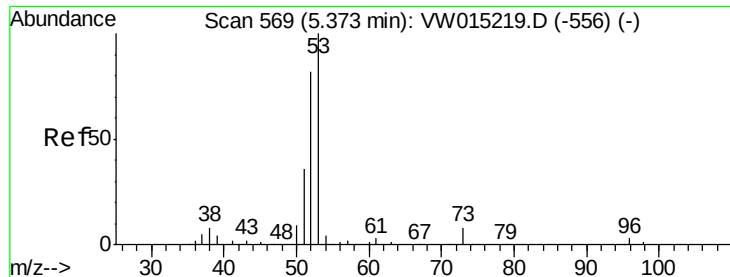
Ion Ratio Lower Upper

41 100

39 81.1 54.0 81.0#

76 46.1 31.8 47.6





#15

Acrylonitrile

Concen: 217.101 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

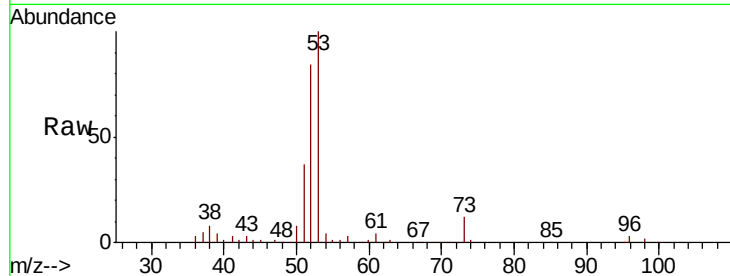
Tot Ion: 53 Resp: 79212

Ion Ratio Lower Upper

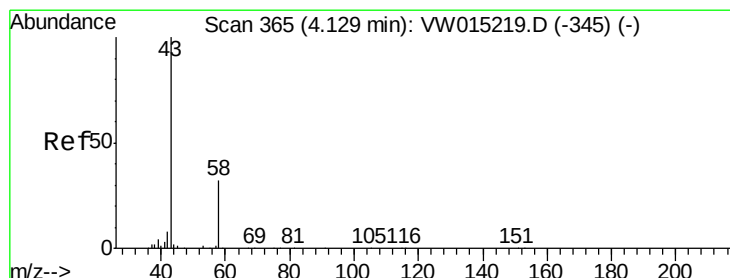
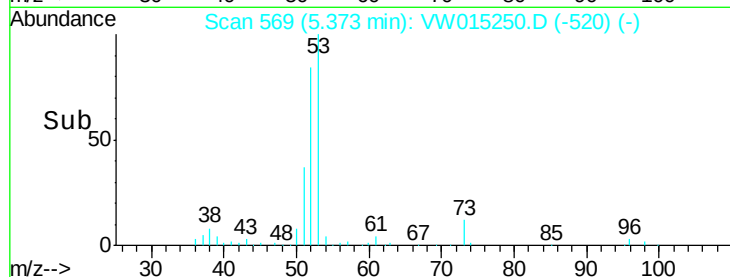
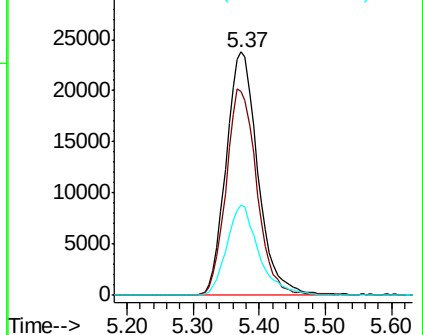
53 100

52 81.9 65.2 97.8

51 37.5 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: 223.792 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015250.D

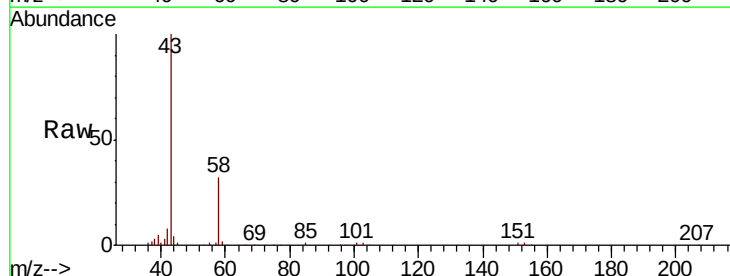
Acq: 21 Apr 2020 09:45

Tgt Ion: 43 Resp: 75980

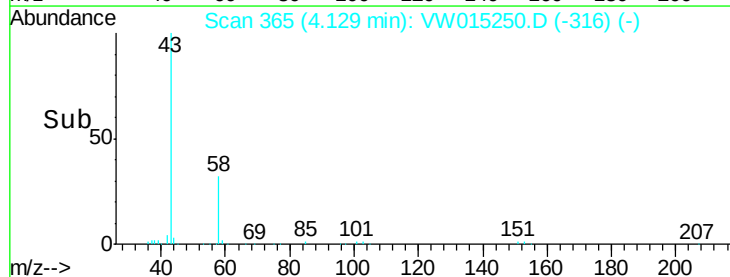
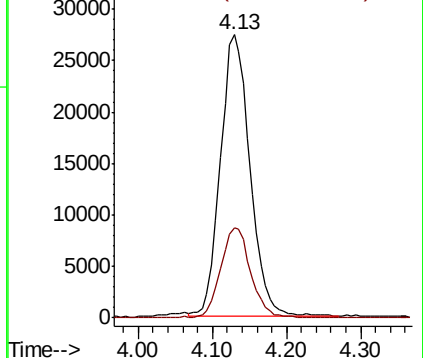
Ion Ratio Lower Upper

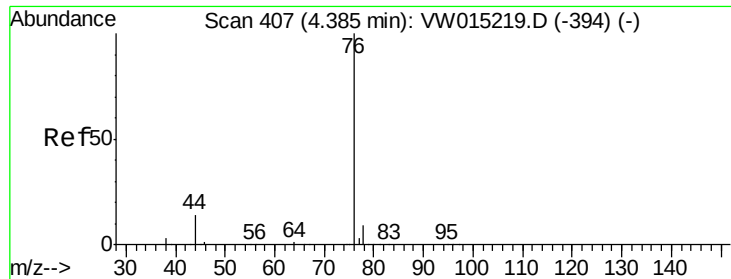
43 100

58 31.8 27.0 40.4



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

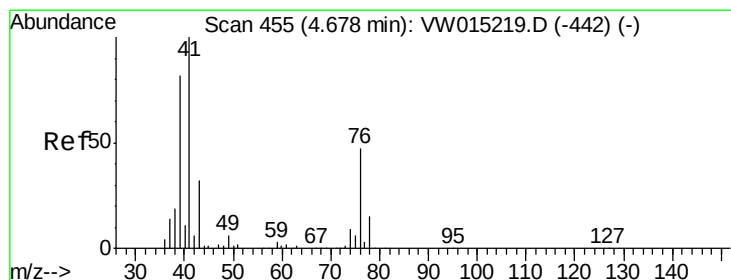
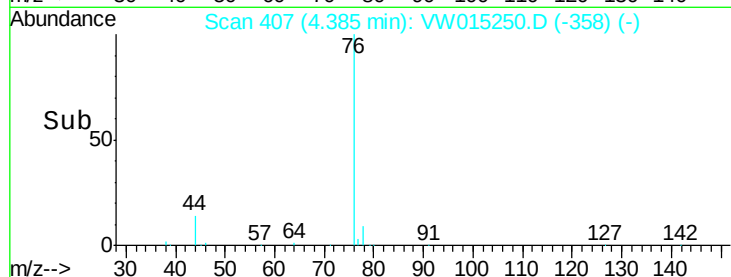
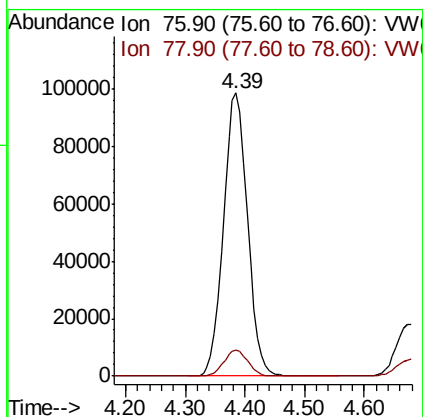
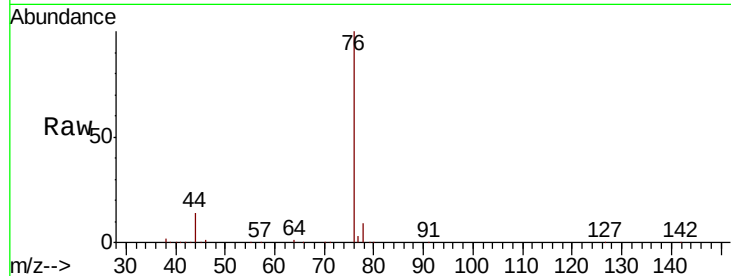




#17
Carbon Disulfide
Concen: 45.743 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

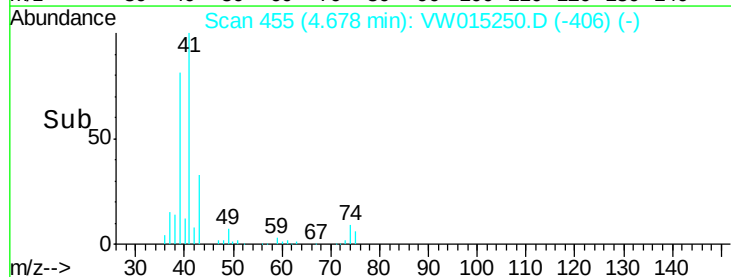
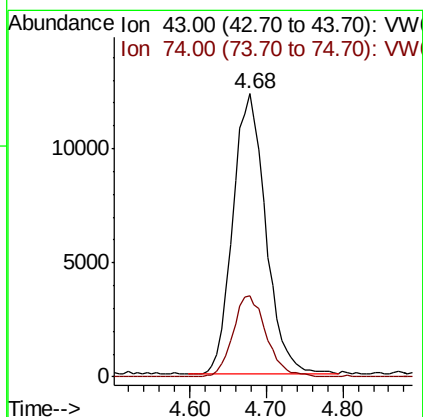
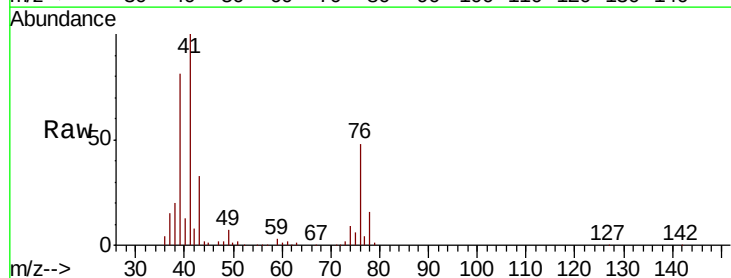
Instrument :
MSVOA_W
ClientSampled :

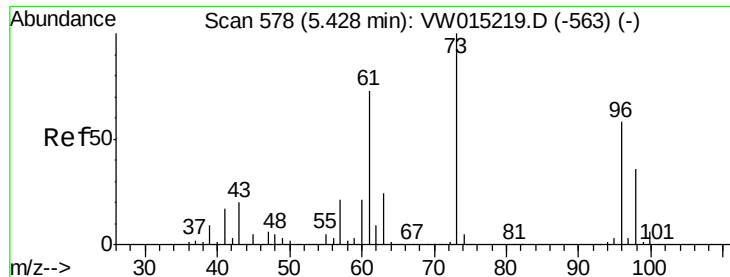
Tot Ion: 76 Resp: 275609
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 41.003 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 43 Resp: 36849
Ion Ratio Lower Upper
43 100
74 29.1 20.6 31.0

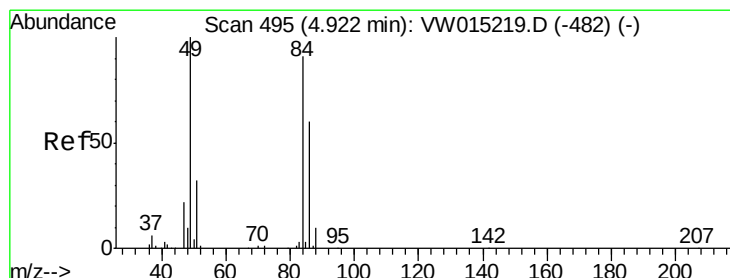
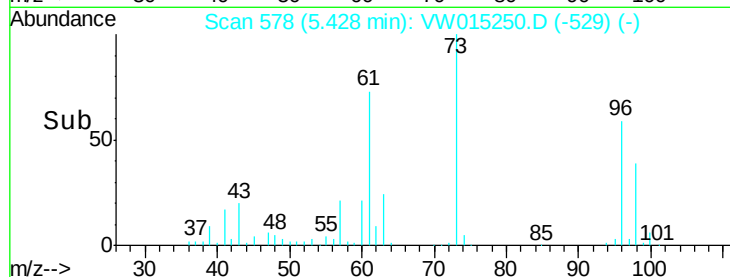
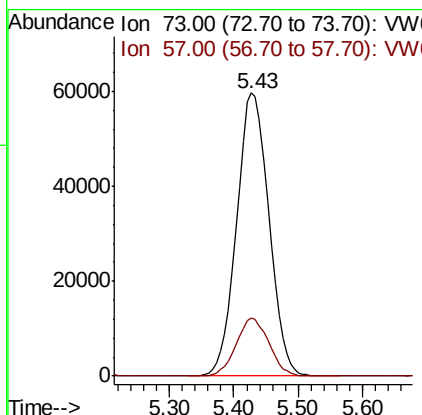
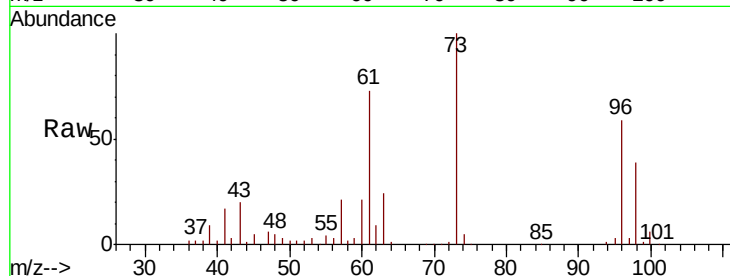




#19
Methyl tert-butyl Ether
Concen: 44.490 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

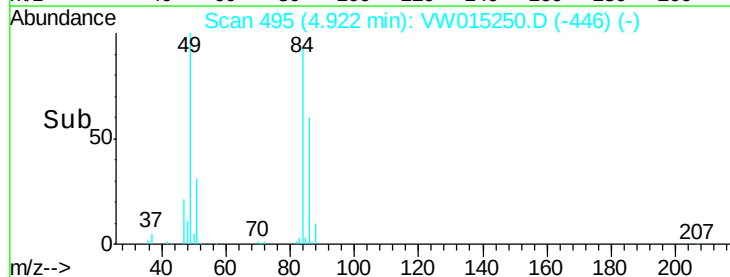
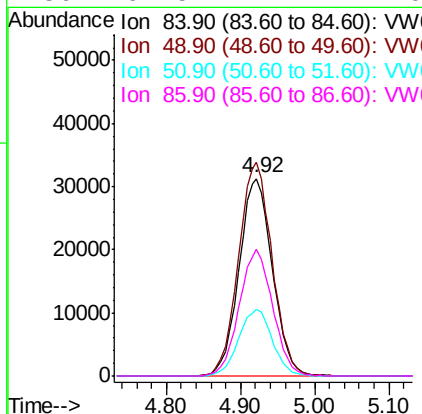
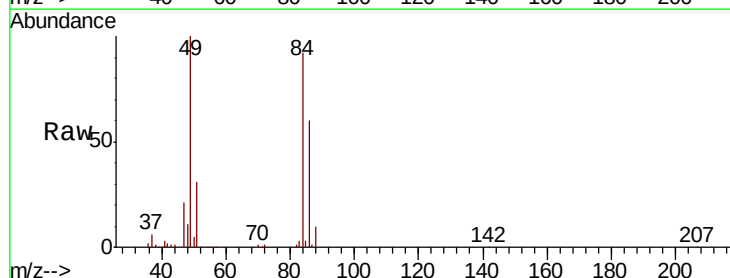
Instrument :
MSVOA_W
ClientSampleId :

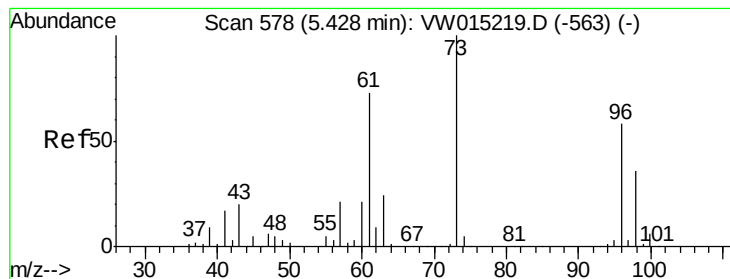
Tot Ion: 73 Resp: 207068
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6



#20
Methylene Chloride
Concen: 44.167 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 84 Resp: 98276
Ion Ratio Lower Upper
84 100
49 108.3 95.4 143.0
51 33.7 29.8 44.8
86 64.5 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 45.252 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

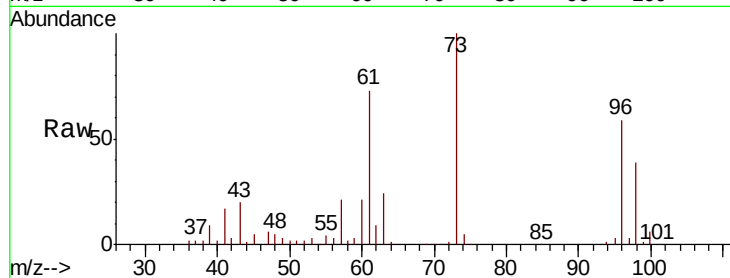
Tot Ion: 96 Resp: 104054

Ion Ratio Lower Upper

96 100

61 123.9 107.8 161.6

98 65.7 50.2 75.2

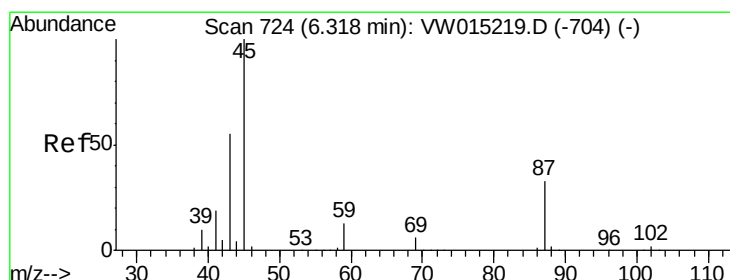
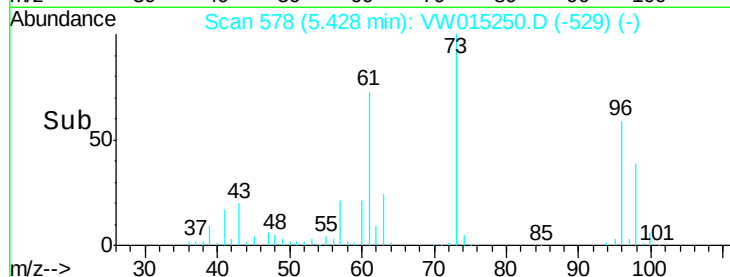
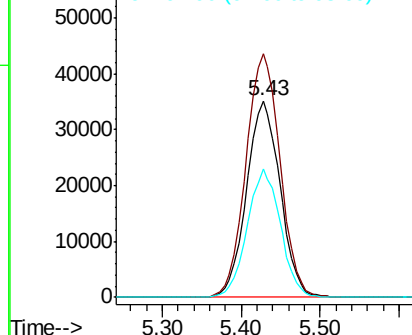


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 45.499 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion: 45 Resp: 234770

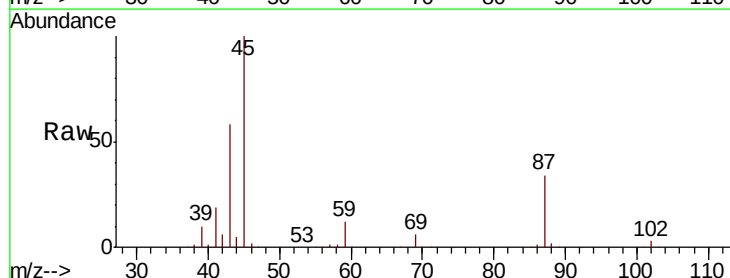
Ion Ratio Lower Upper

45 100

43 57.0 41.8 62.6

87 34.4 23.2 34.8

59 12.1 9.6 14.4



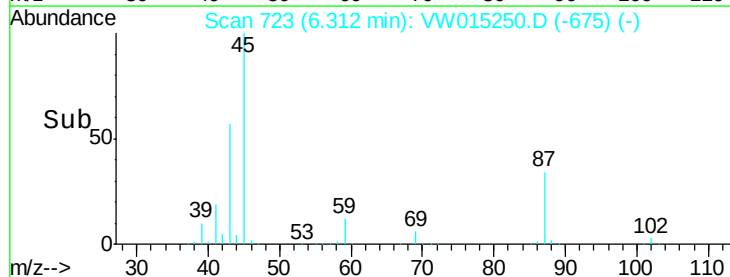
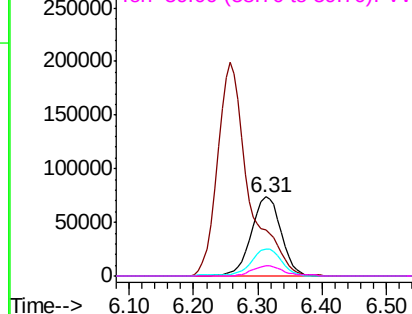
Abundance

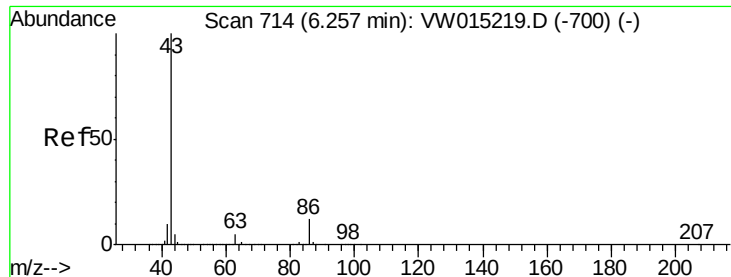
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 221.975 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

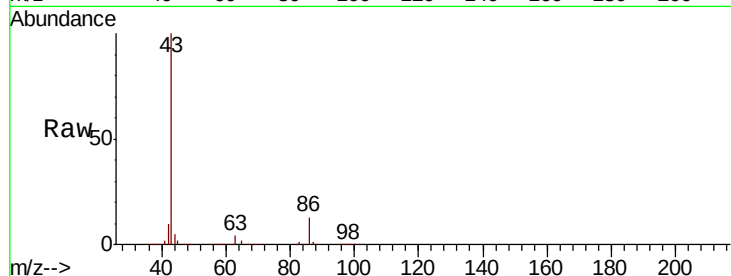
ClientSampled :

Tot Ion: 43 Resp: 672129

Ion Ratio Lower Upper

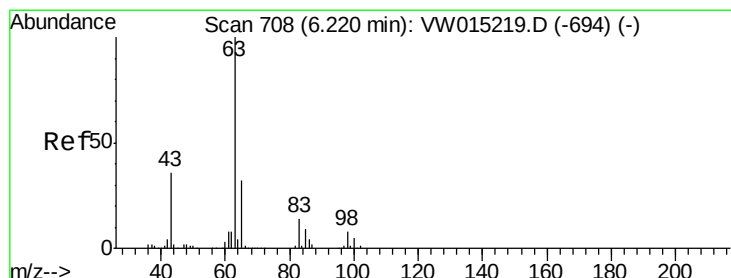
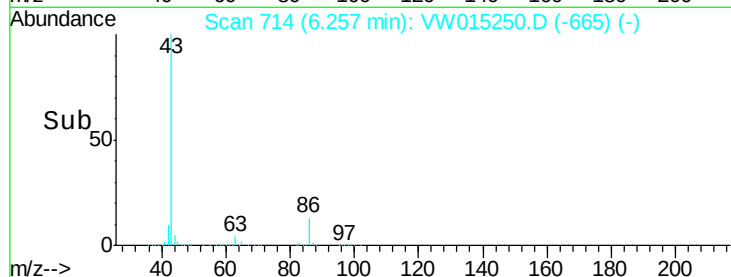
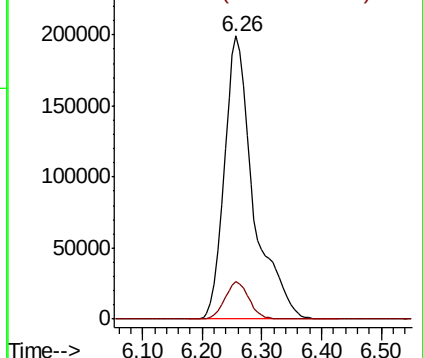
43 100

86 13.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 45.025 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

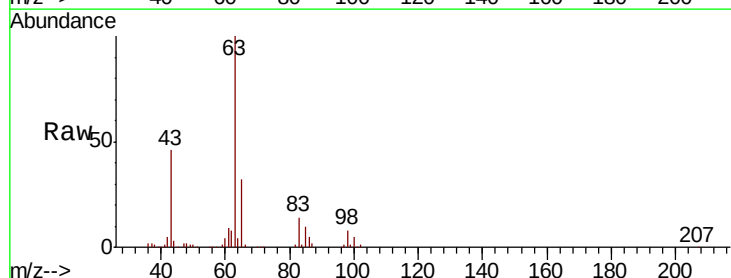
Tgt Ion: 63 Resp: 161014

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

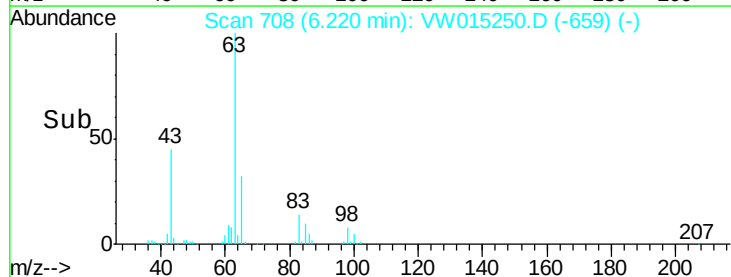
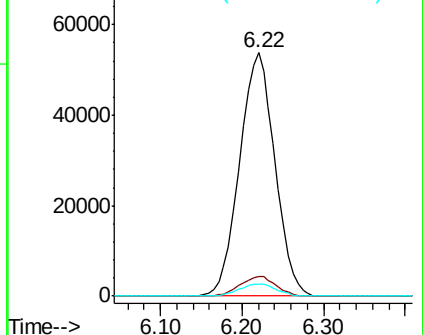
100 5.1 2.4 7.2

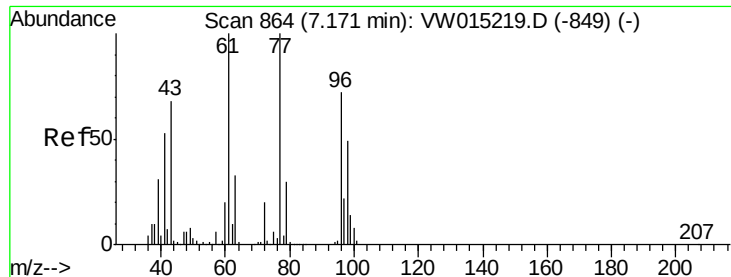


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 218.273 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

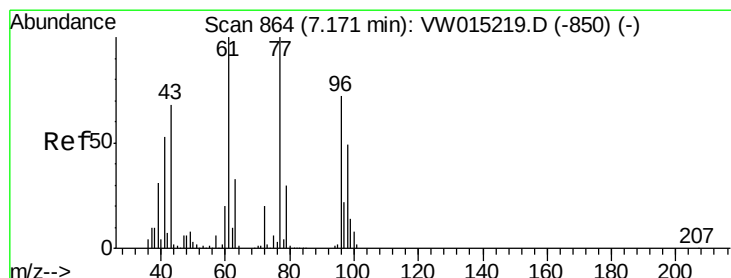
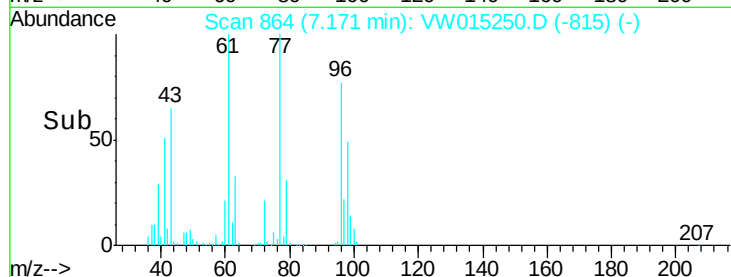
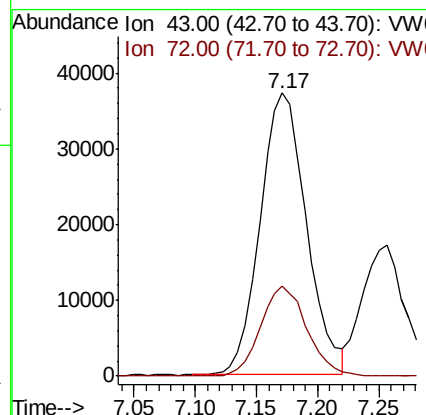
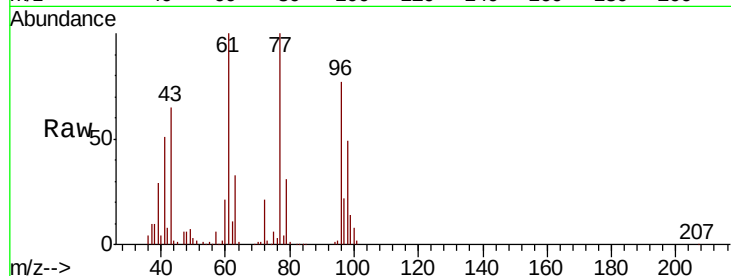
ClientSampled :

Tot Ion: 43 Resp: 98319

Ion Ratio Lower Upper

43 100

72 32.0 21.6 32.4



#26

2,2-Dichloropropane

Concen: 43.837 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015250.D

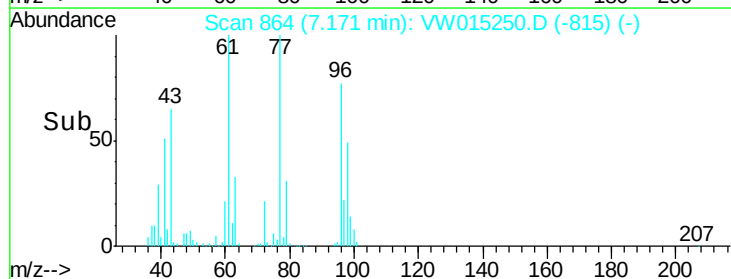
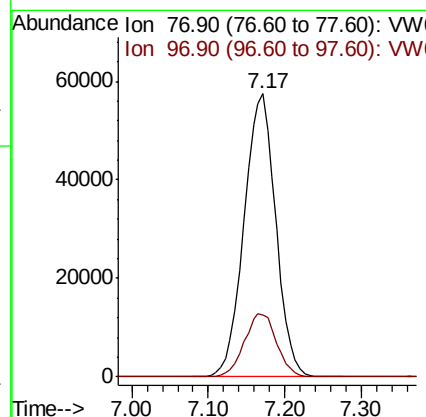
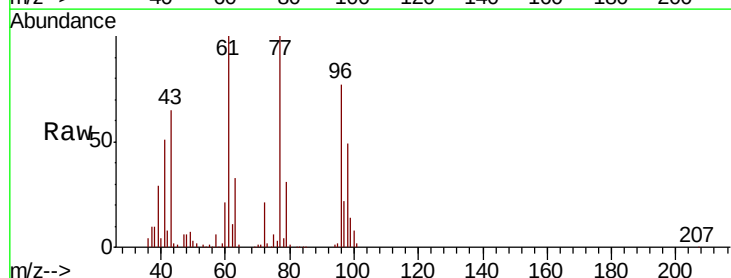
Acq: 21 Apr 2020 09:45

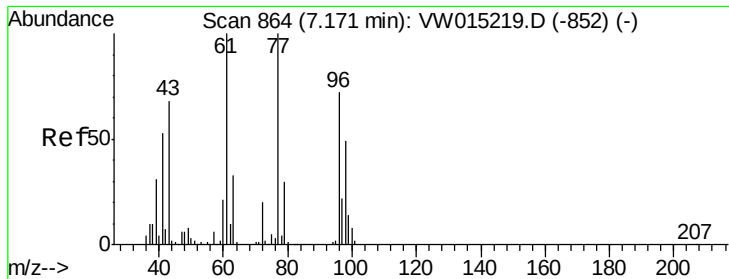
Tgt Ion: 77 Resp: 164923

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 45.879 ug/l

RT: 7.17 min Scan# 864

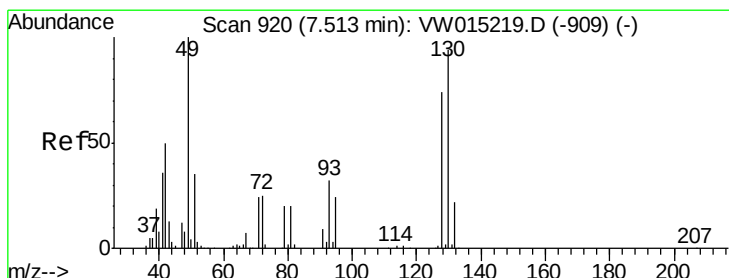
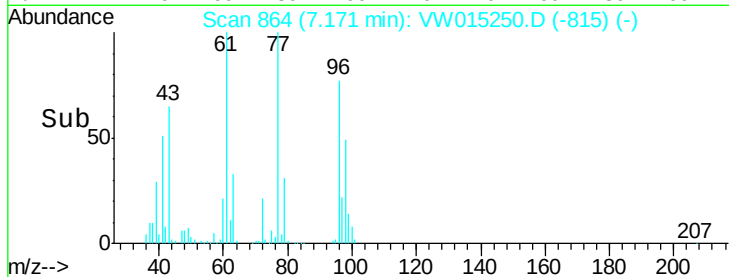
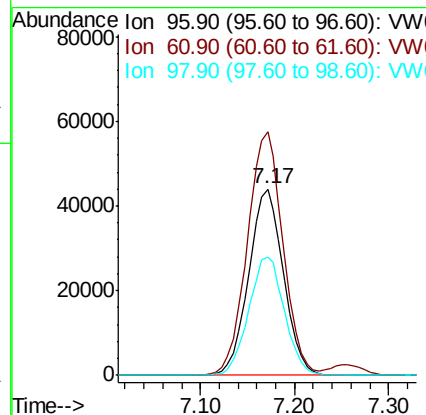
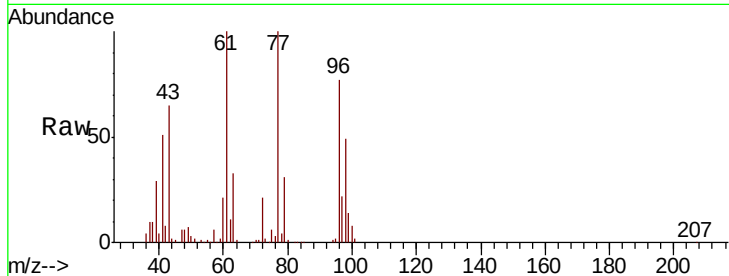
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	96	Resp:	113892
Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	275.0
98	65.1	0.0	130.8



#28

Bromochloromethane

Concen: 45.491 ug/l

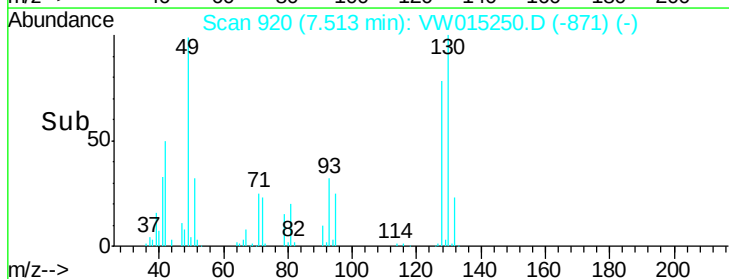
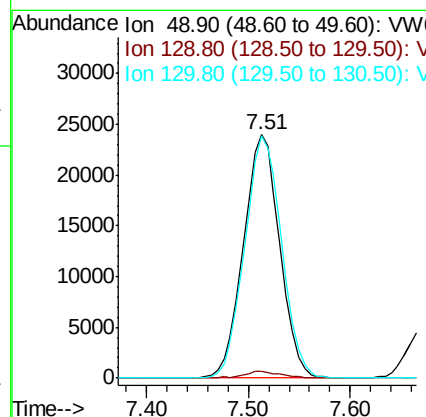
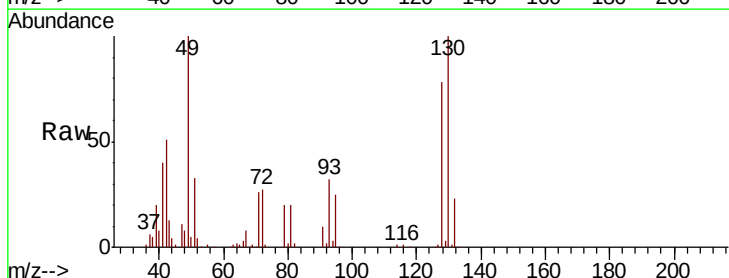
RT: 7.51 min Scan# 920

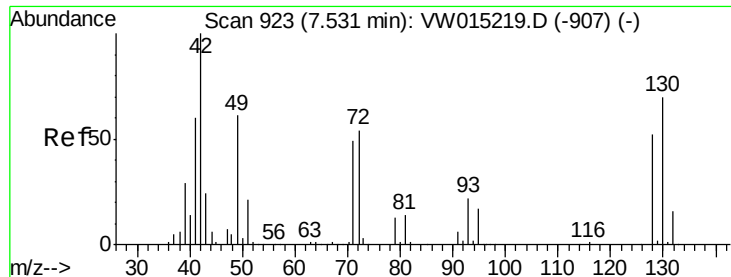
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion:	49	Resp:	59147
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	101.0	60.9	91.3#





#29

Tetrahydrofuran

Concen: 206.890 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

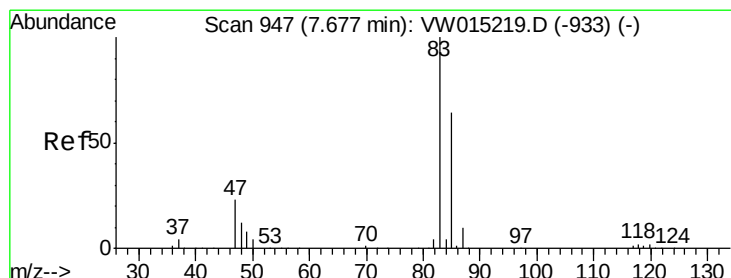
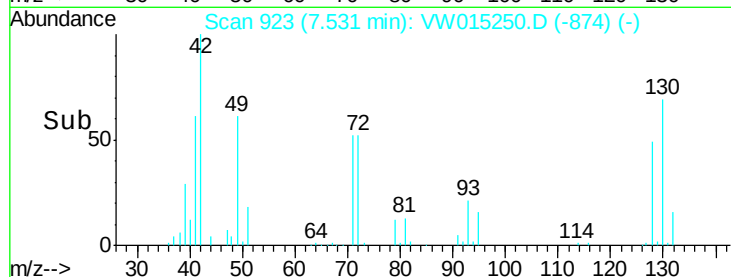
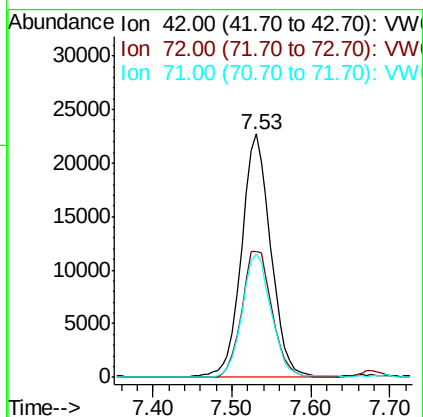
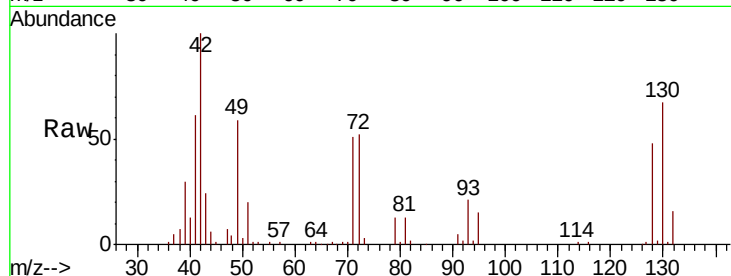
Tot Ion: 42 Resp: 58060

Ion Ratio Lower Upper

42 100

72 54.0 36.2 54.2

71 51.0 34.2 51.4



#30

Chloroform

Concen: 45.581 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015250.D

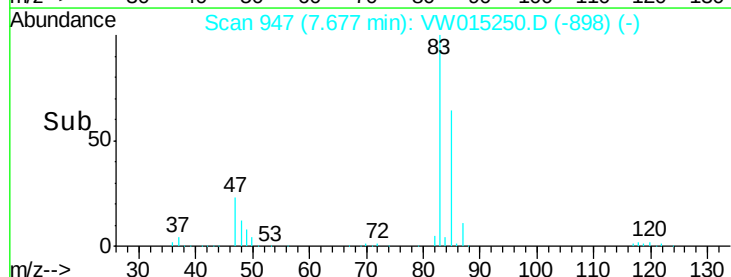
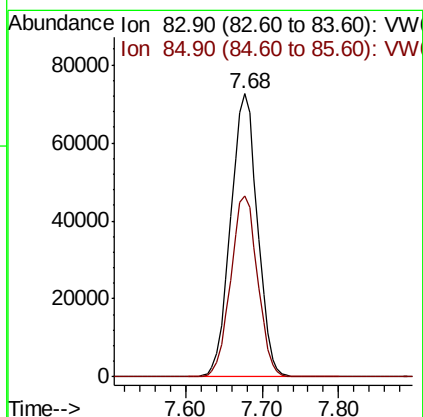
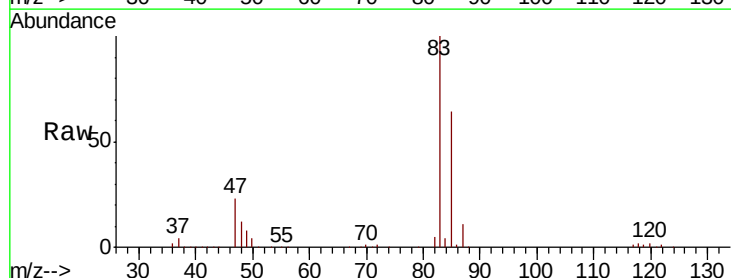
Acq: 21 Apr 2020 09:45

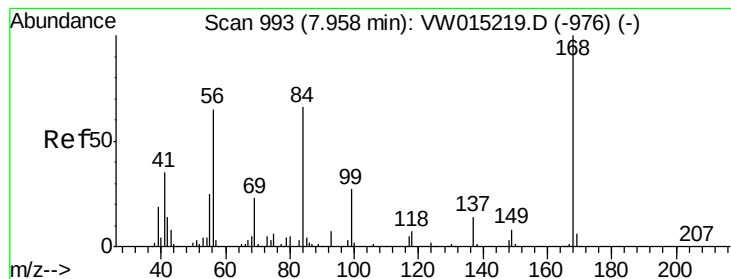
Tgt Ion: 83 Resp: 175923

Ion Ratio Lower Upper

83 100

85 64.0 50.9 76.3





#31

Cyclohexane

Concen: 41.146 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

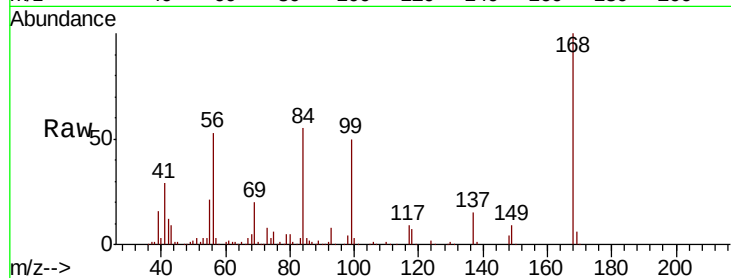
Tot Ion: 56 Resp: 147906

Ion Ratio Lower Upper

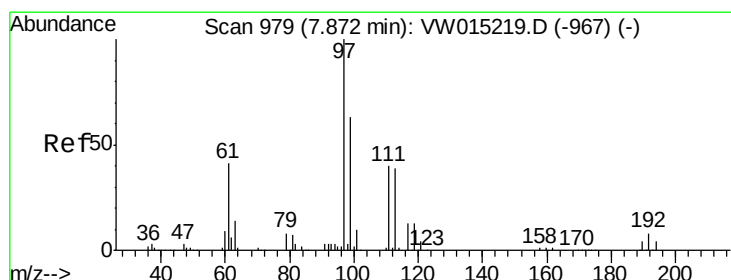
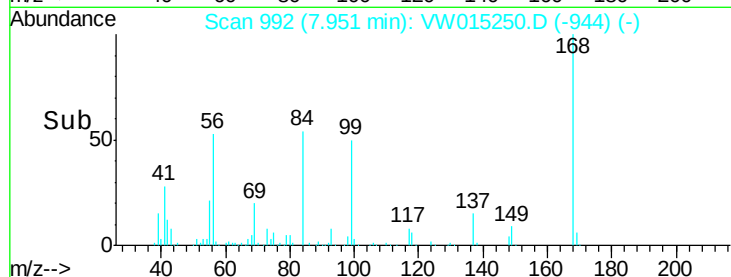
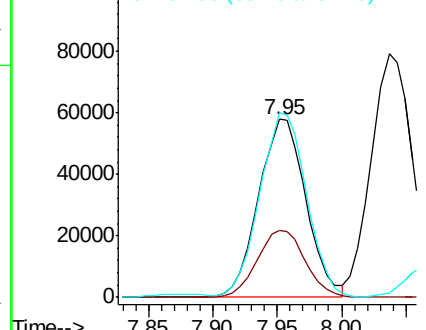
56 100

69 37.8 27.1 40.7

84 102.3 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 44.592 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

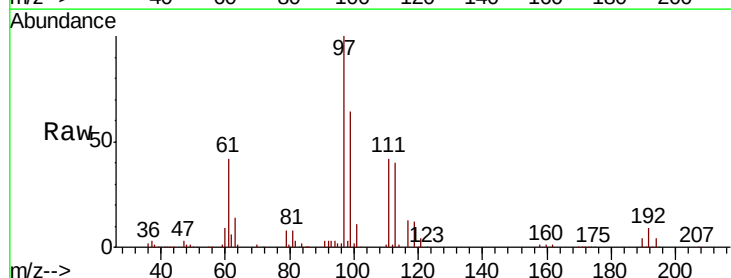
Tgt Ion: 97 Resp: 166106

Ion Ratio Lower Upper

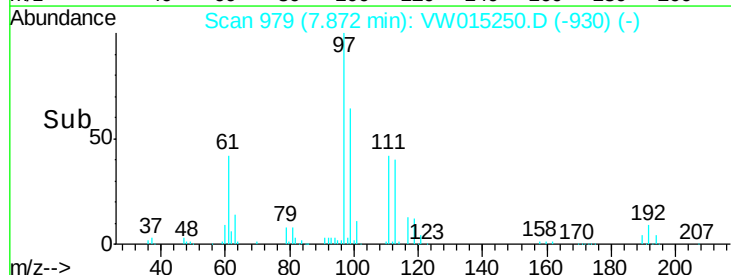
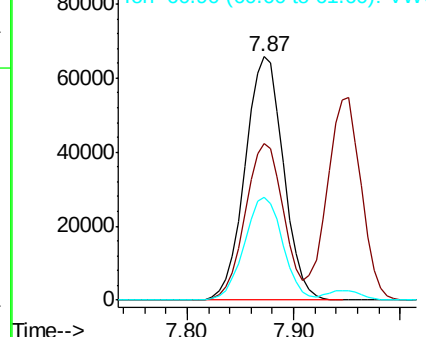
97 100

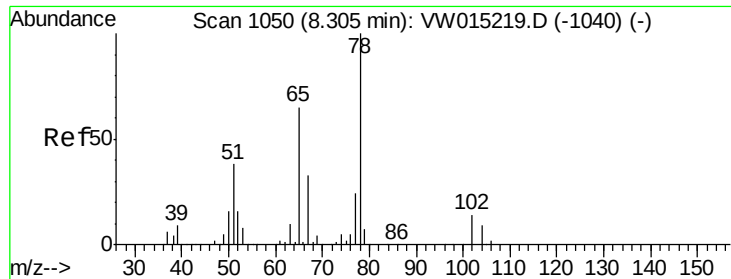
99 64.4 52.2 78.2

61 42.5 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

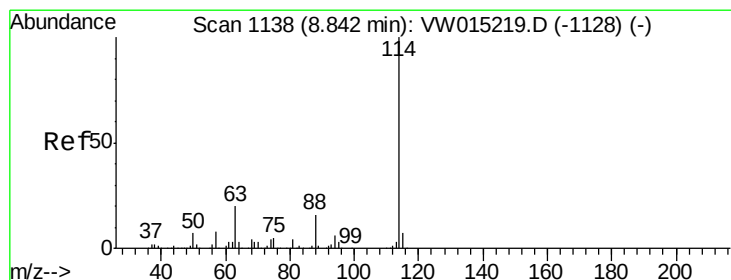
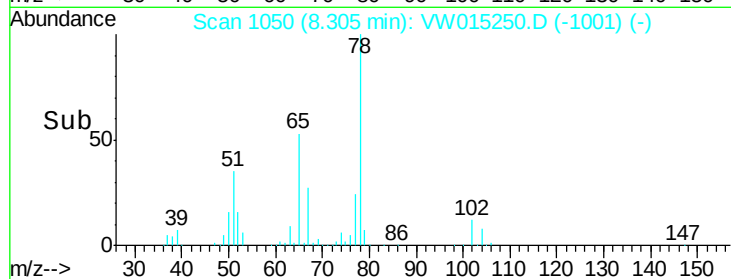
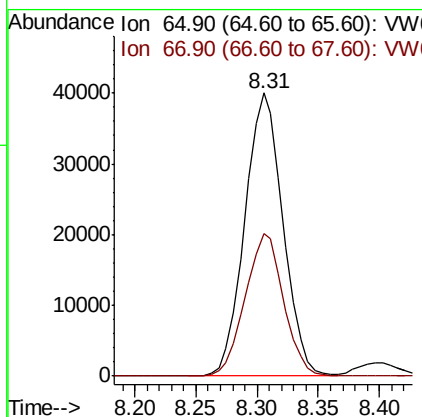
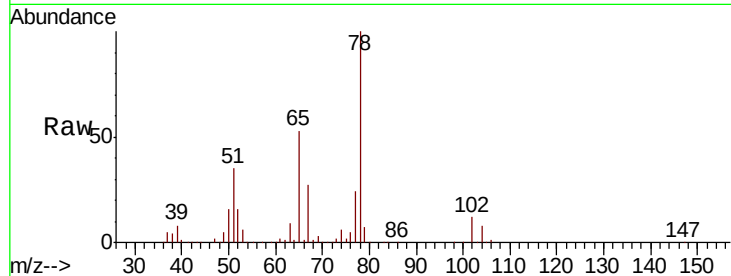




#33
 1,2-Dichloroethane-d4
 Concen: 44.645 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

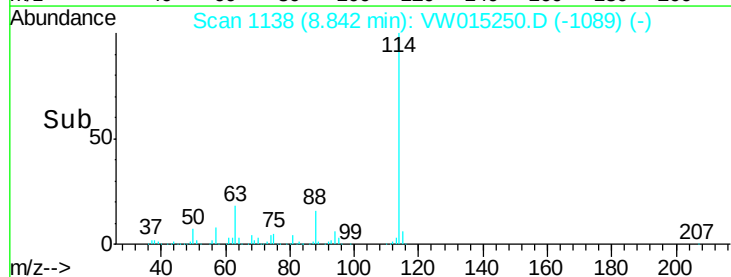
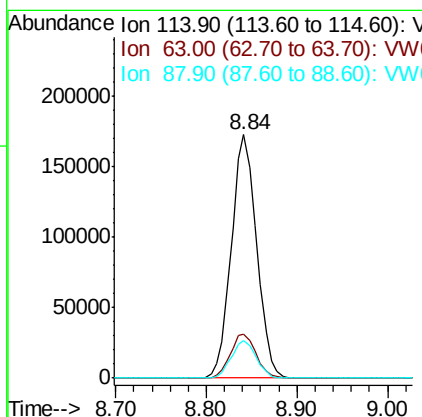
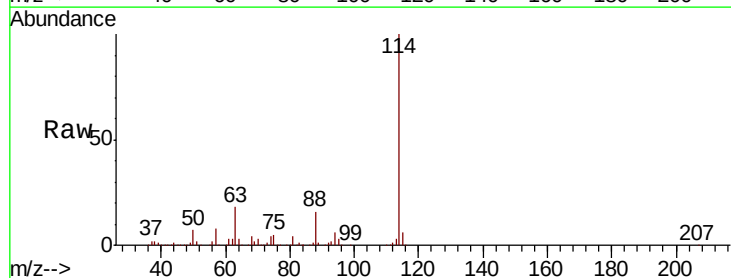
Instrument :
 MSVOA_W
 ClientSampled :

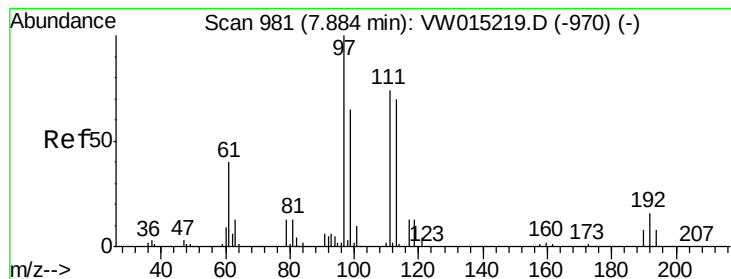
Tot Ion: 65 Resp: 86782
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 114 Resp: 333160
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.8
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.390 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

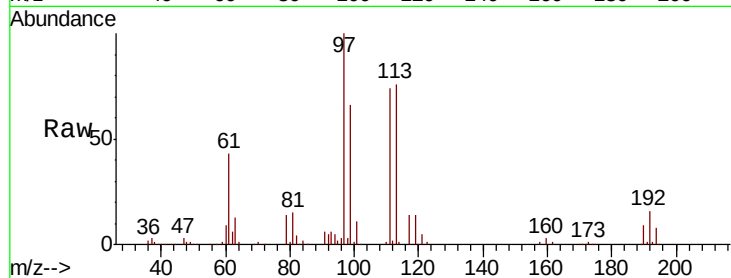
Tot Ion:113 Resp: 87456

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

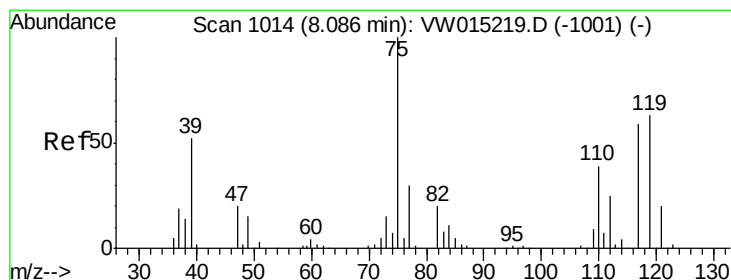
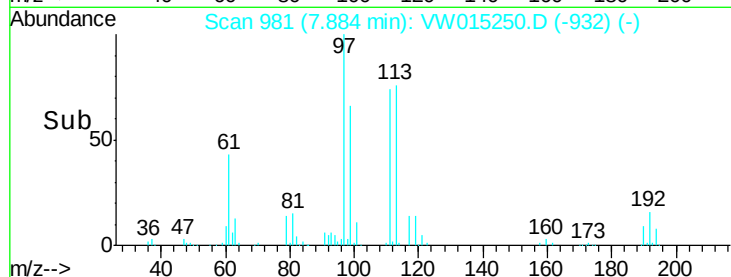
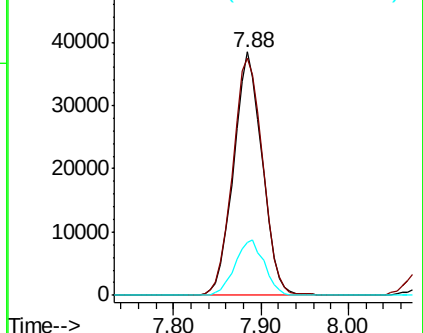
192 23.2 15.1 22.7#



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: 45.975 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

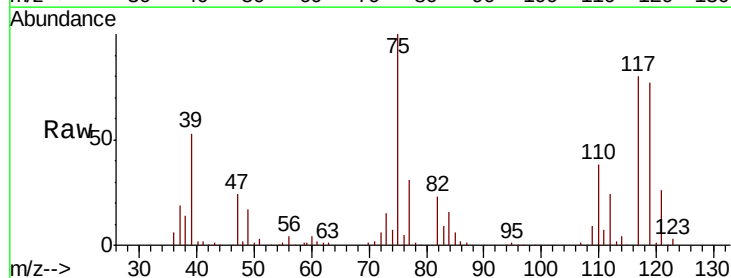
Tgt Ion: 75 Resp: 138245

Ion Ratio Lower Upper

75 100

110 38.2 18.2 54.6

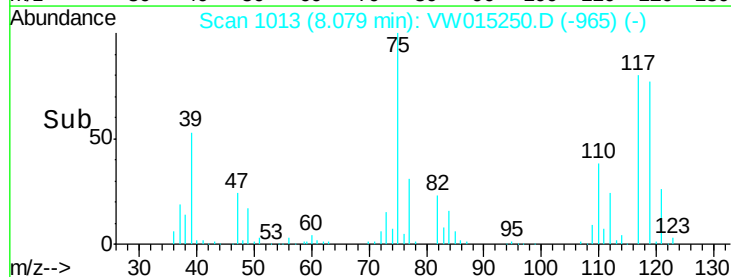
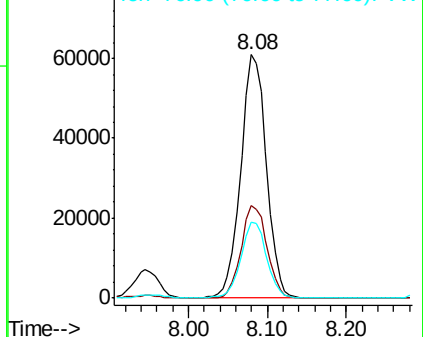
77 31.4 24.5 36.7

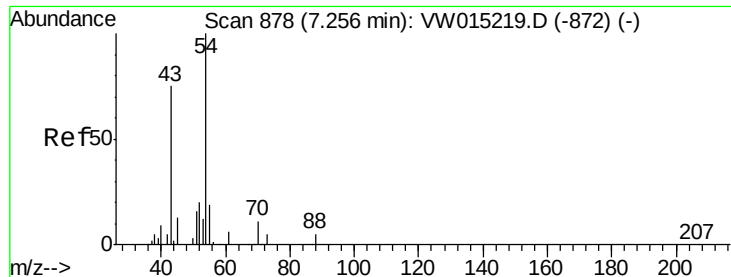


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 43.681 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

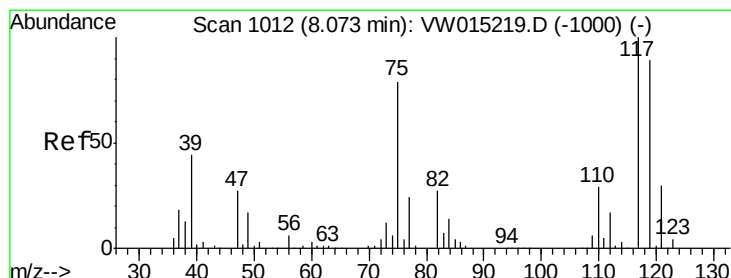
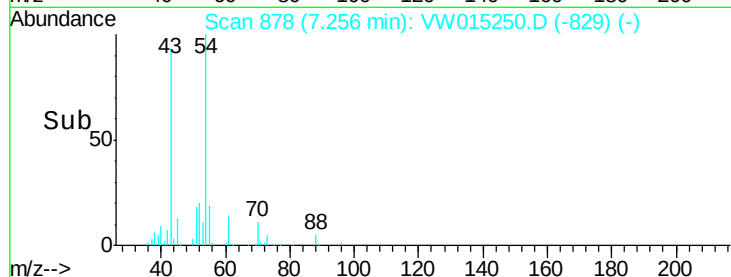
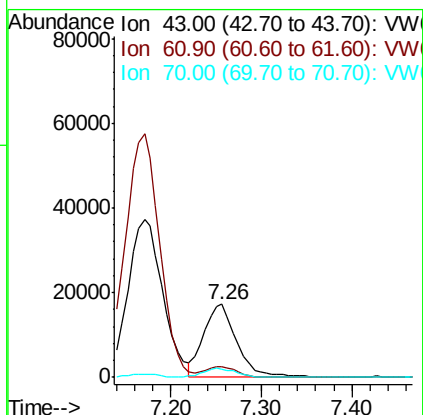
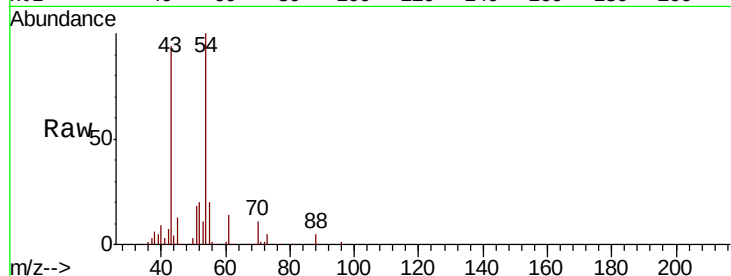
Tot Ion: 43 Resp: 42628

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

70 12.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 46.141 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

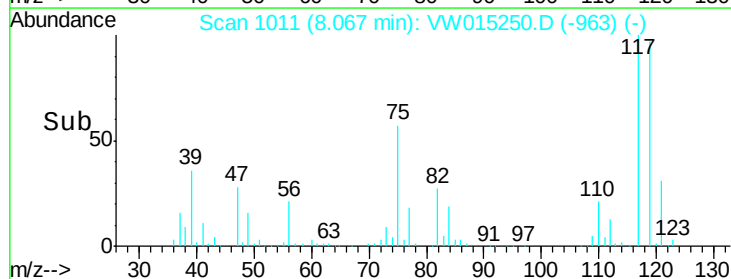
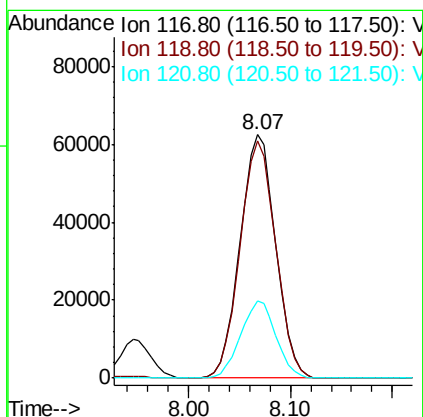
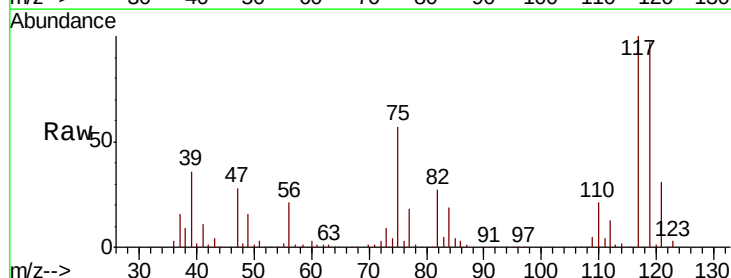
Tgt Ion: 117 Resp: 151621

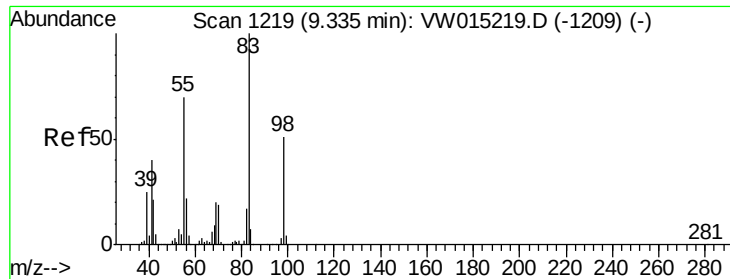
Ion Ratio Lower Upper

117 100

119 97.5 72.3 108.5

121 31.5 23.7 35.5

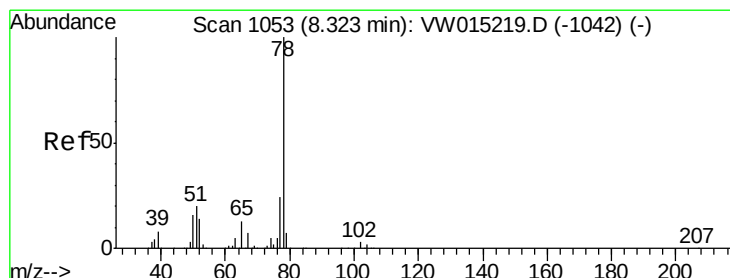
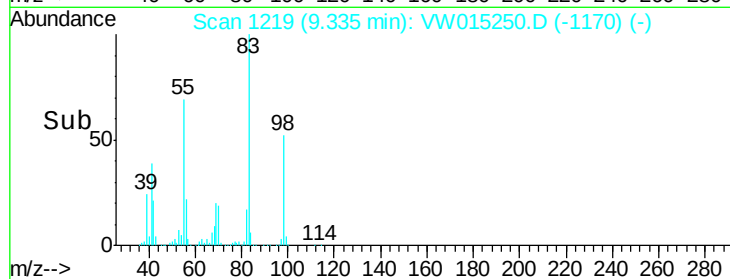
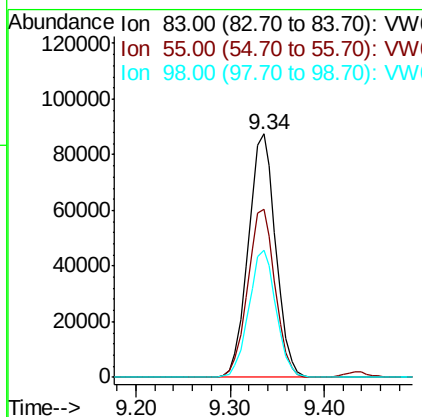
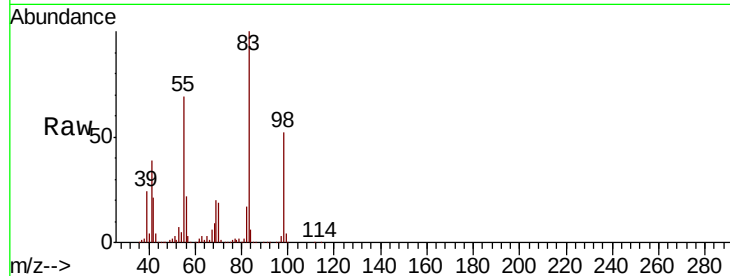




#39
Methylvlcyclohexane
Concen: 44.594 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

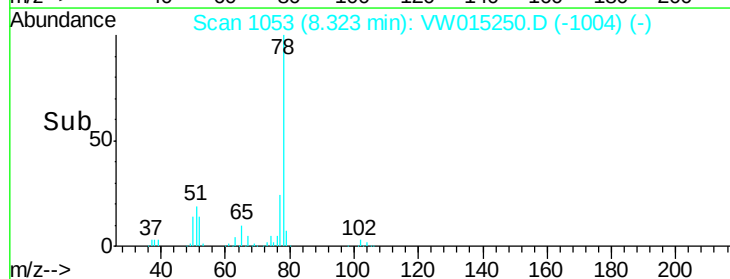
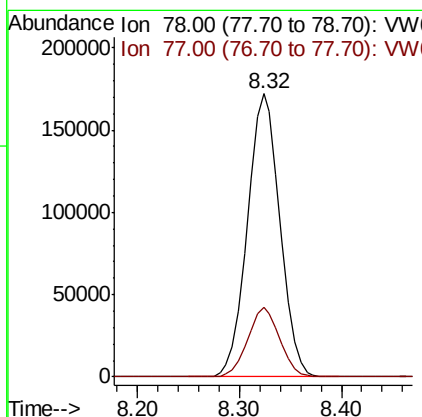
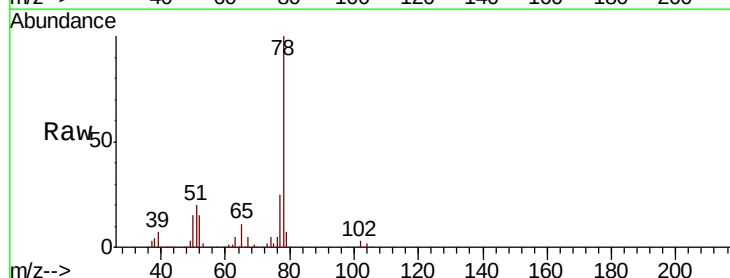
Instrument :
MSVOA_W
ClientSampled :

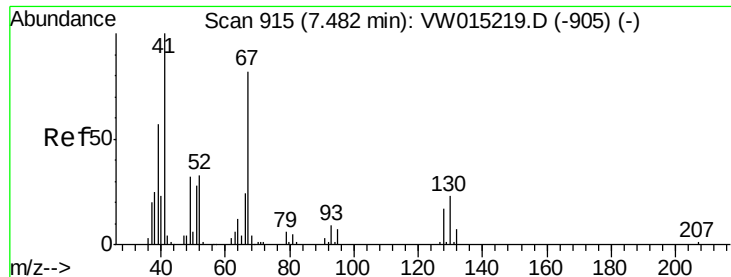
Tot Ion: 83 Resp: 178476
Ion Ratio Lower Upper
83 100
55 69.2 58.1 87.1
98 52.1 40.2 60.4



#40
Benzene
Concen: 47.454 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 78 Resp: 381168
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2





#41

Methacrylonitrile

Concen: 46.693 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 27341

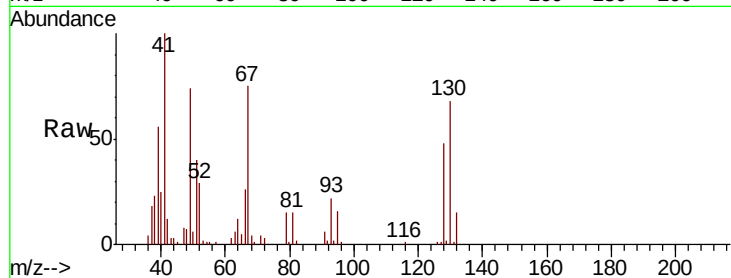
Ion Ratio Lower Upper

41 100

39 57.3 41.9 62.9

67 77.7 60.6 91.0

52 31.4 23.8 35.8



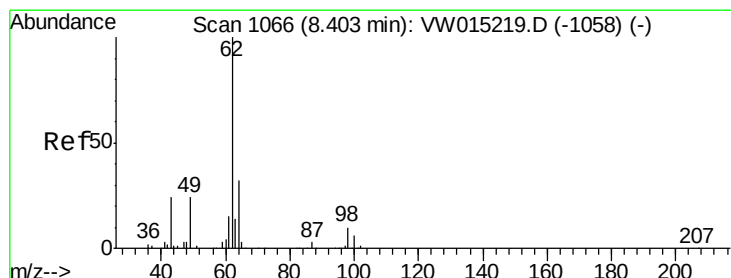
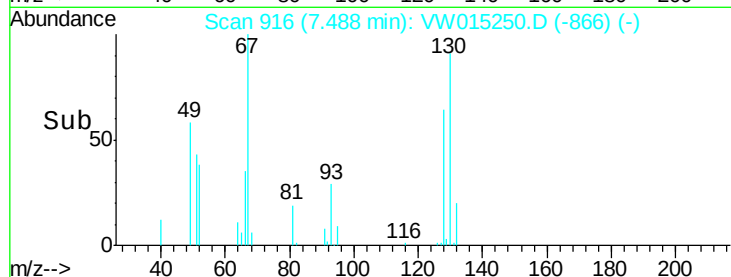
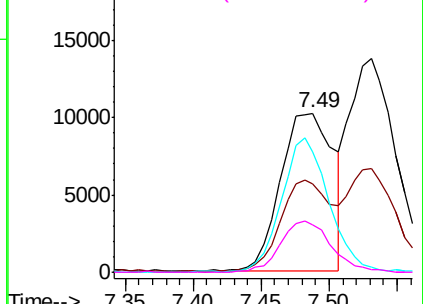
Abundance

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: 46.430 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015250.D

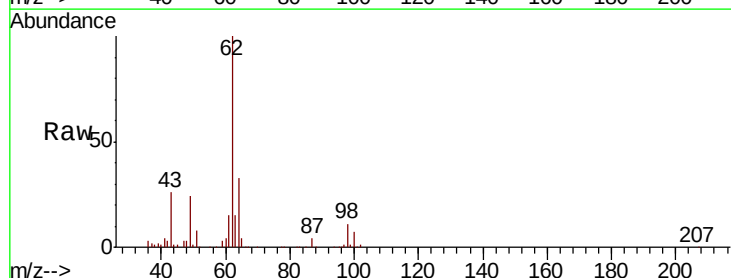
Acq: 21 Apr 2020 09:45

Tgt Ion: 62 Resp: 109789

Ion Ratio Lower Upper

62 100

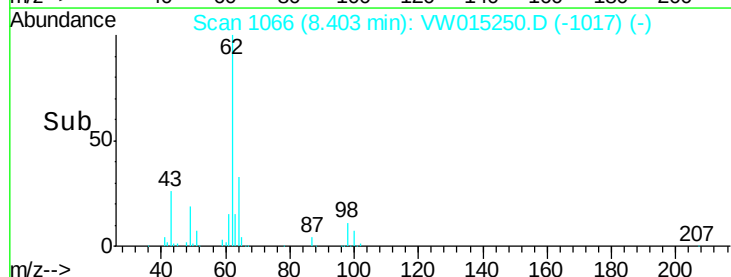
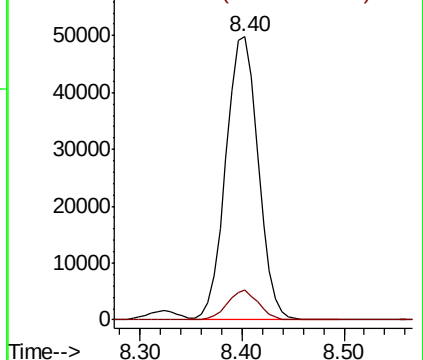
98 10.1 0.0 20.4

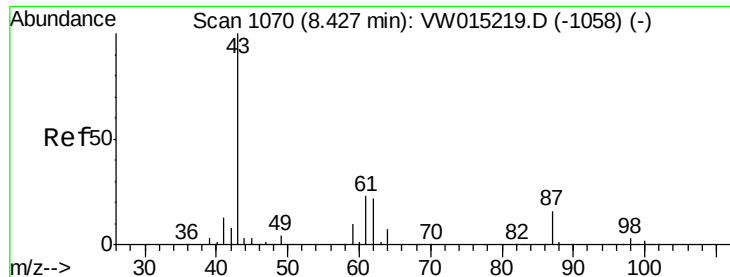


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 43.659 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

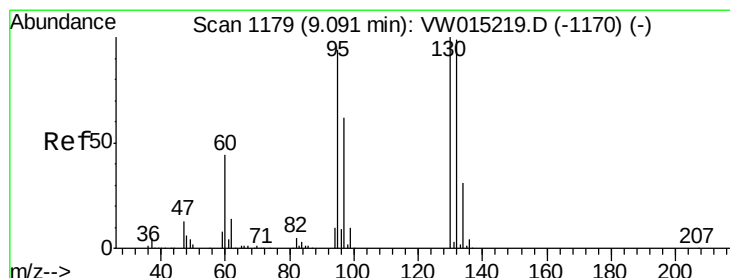
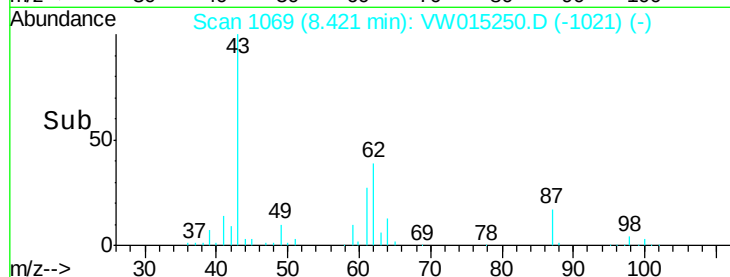
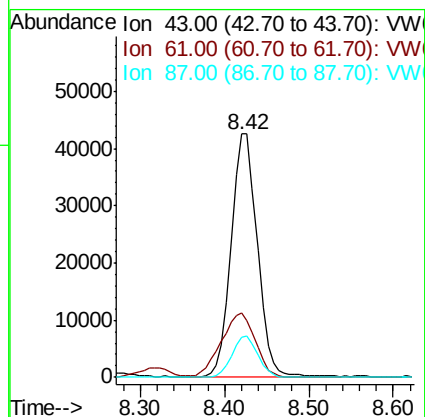
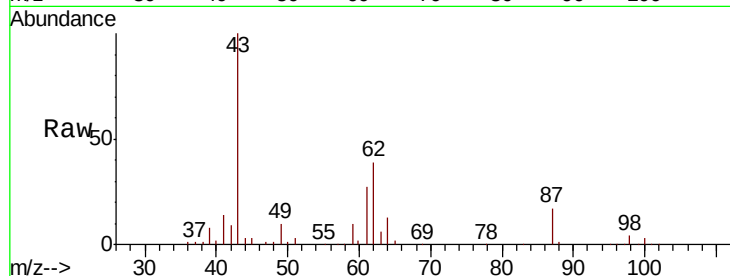
Tot Ion: 43 Resp: 89361

Ion Ratio Lower Upper

43 100

61 34.8 24.8 37.2

87 16.7 11.4 17.2



#44

Trichloroethene

Concen: 48.276 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015250.D

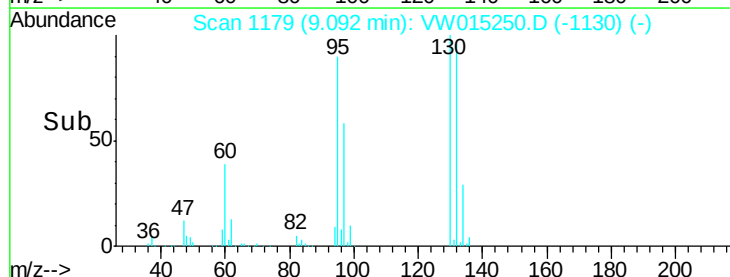
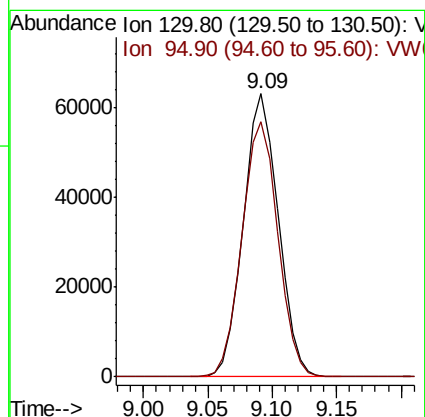
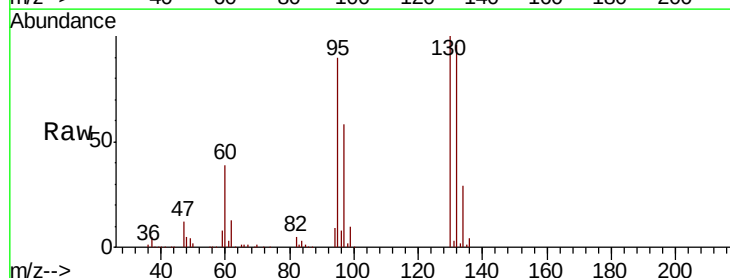
Acq: 21 Apr 2020 09:45

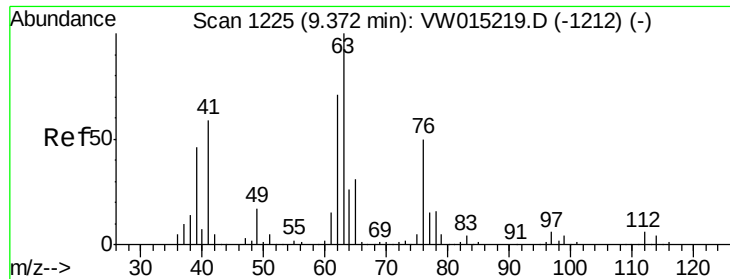
Tgt Ion: 130 Resp: 118613

Ion Ratio Lower Upper

130 100

95 90.2 0.0 196.4

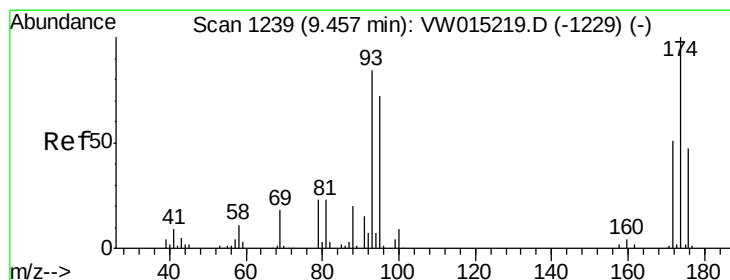
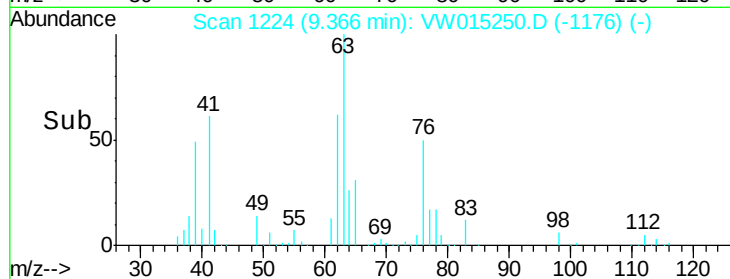
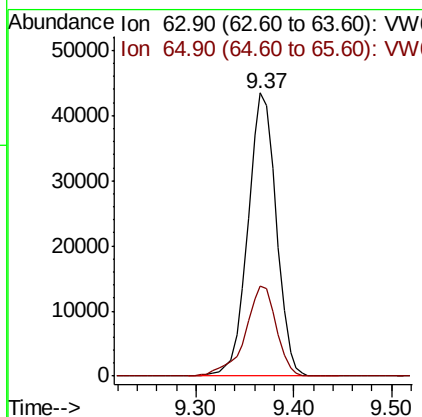
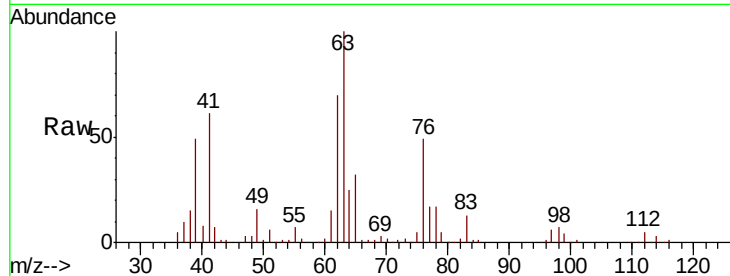




#45
 1,2-Dichloropropane
 Concen: 46.760 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

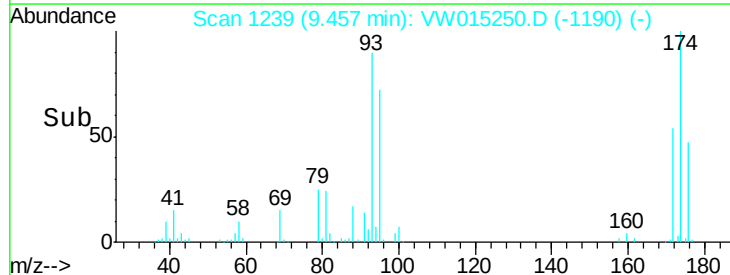
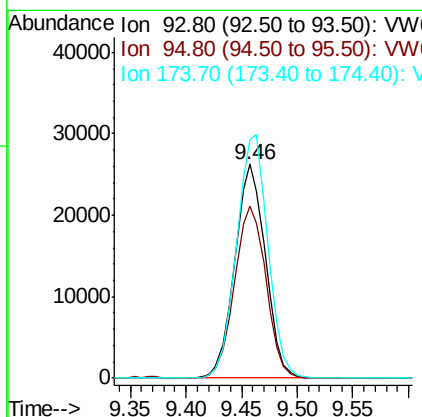
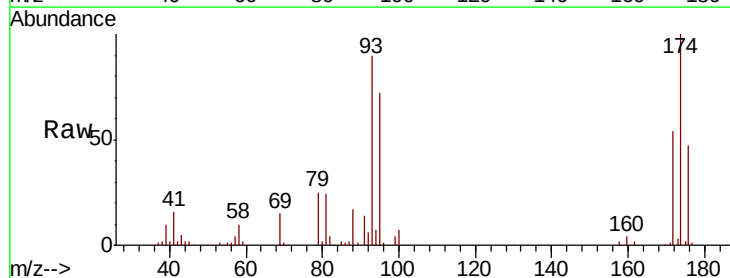
Instrument :
 MSVOA_W
 ClientSampled :

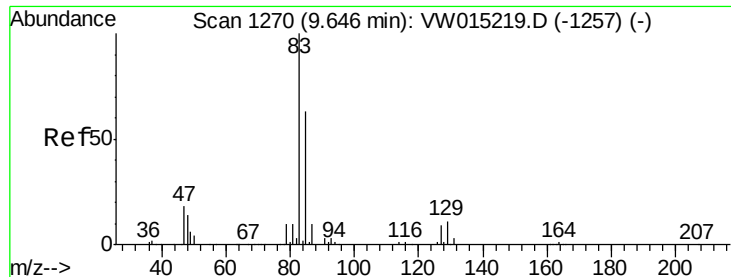
Tot Ion: 63 Resp: 87344
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3



#46
 Dibromomethane
 Concen: 46.374 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 93 Resp: 50109
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.5 101.3
 174 116.5 74.1 111.1#





#47

Bromodichloromethane

Concen: 46.627 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampleId :

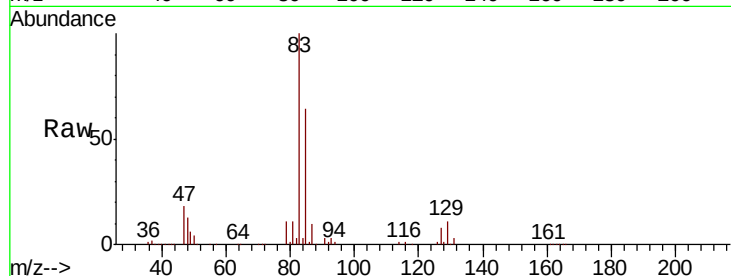
Tot Ion: 83 Resp: 134684

Ion Ratio Lower Upper

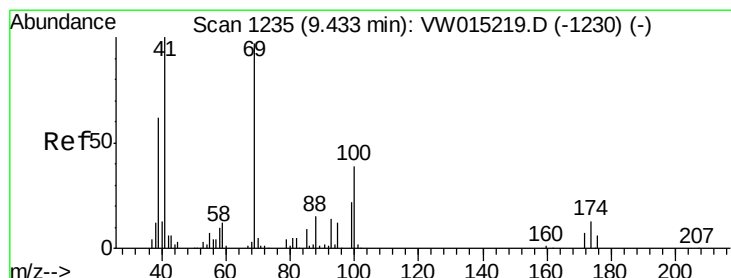
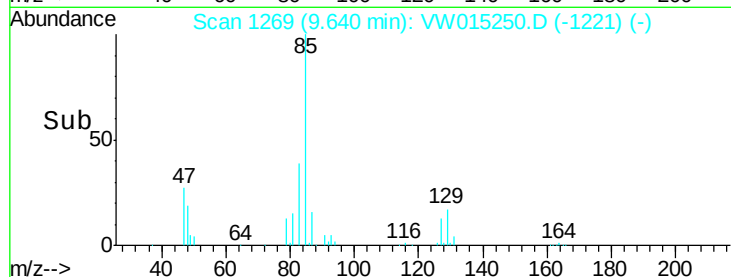
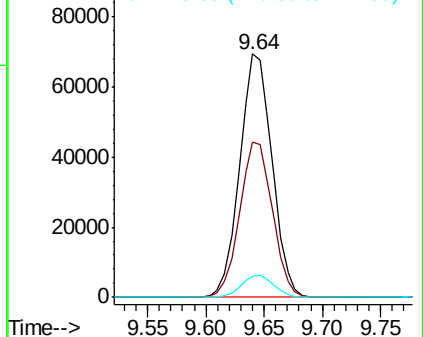
83 100

85 63.8 50.6 76.0

127 8.5 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: 43.401 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

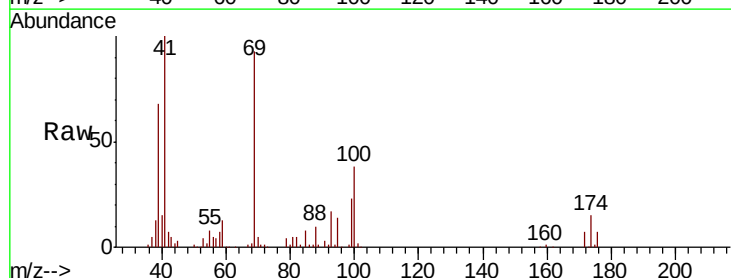
Tgt Ion: 41 Resp: 41994

Ion Ratio Lower Upper

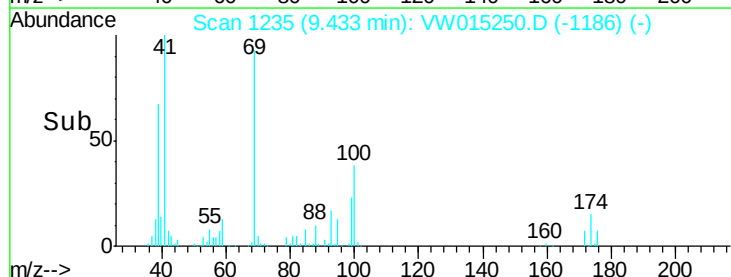
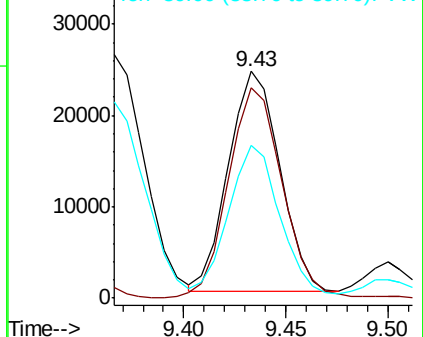
41 100

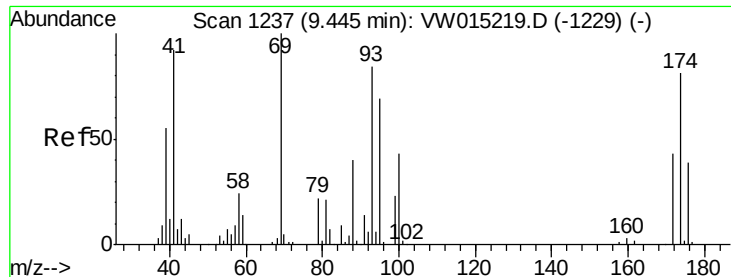
69 101.4 70.6 105.8

39 66.4 42.6 64.0#



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





#49

1,4-Dioxane

Concen: 826.533 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

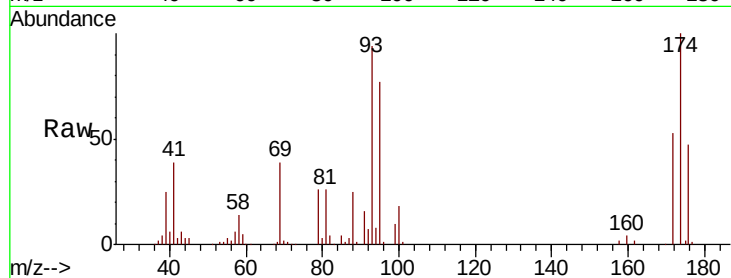
Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 11906

Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.5	35.3
58	63.3	55.4	83.2

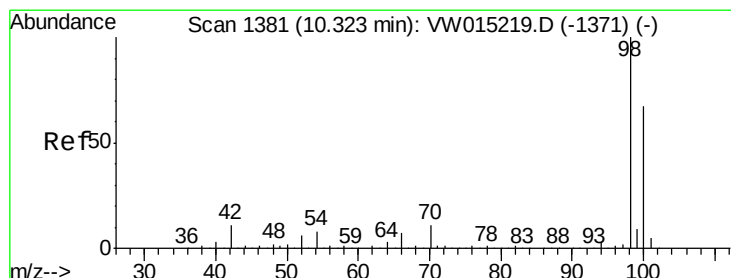
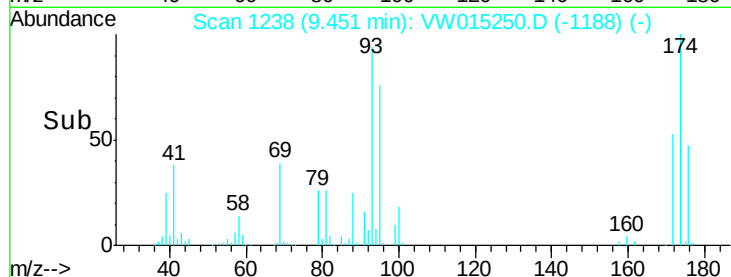
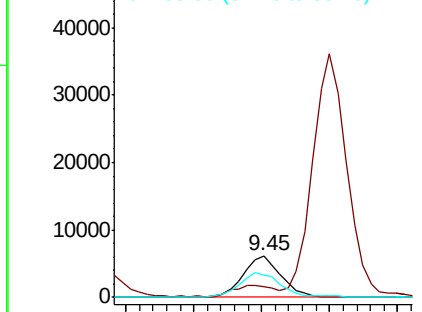


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.149 ug/l

RT: 10.32 min Scan# 1381

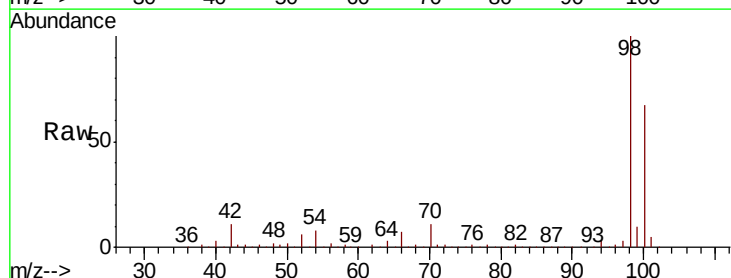
Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion: 98 Resp: 373793

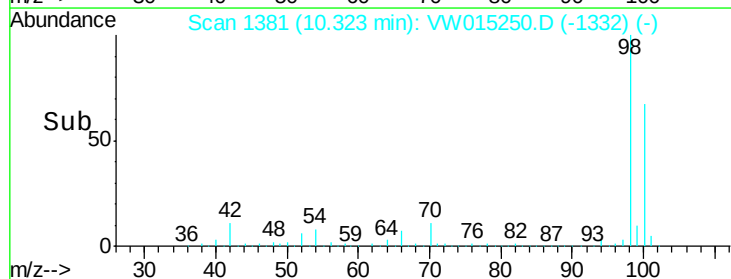
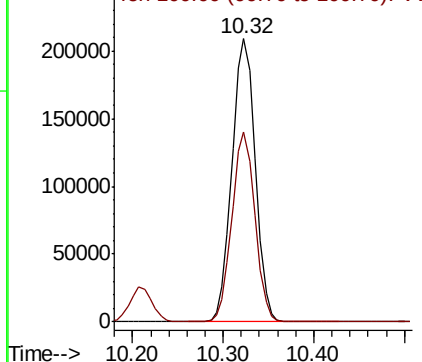
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3

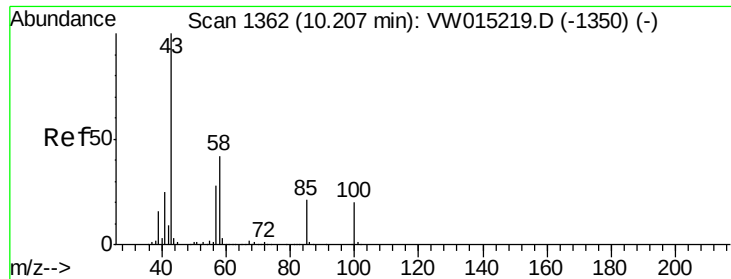


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

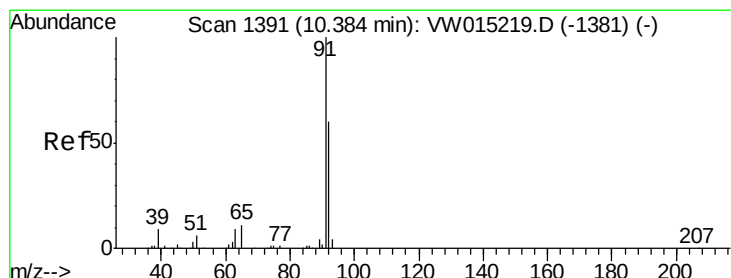
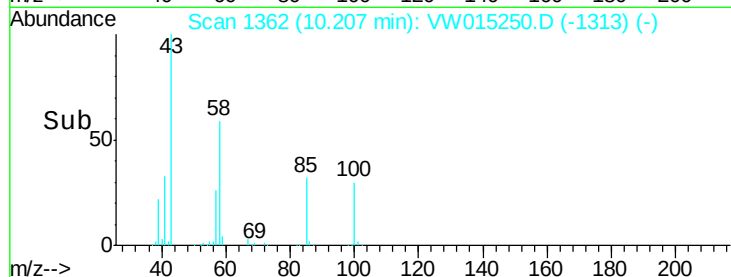
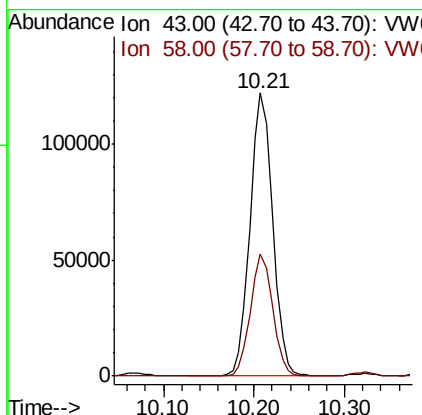
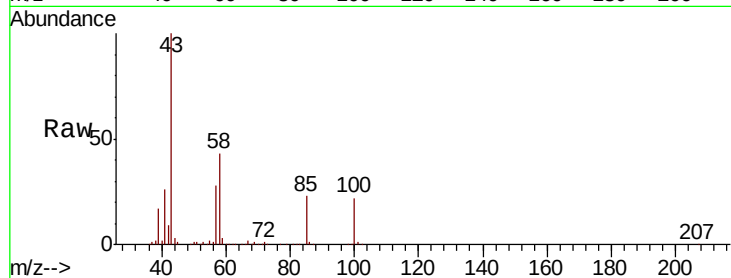




#51
 4-Methyl-2-Pentanone
 Concen: 219.538 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

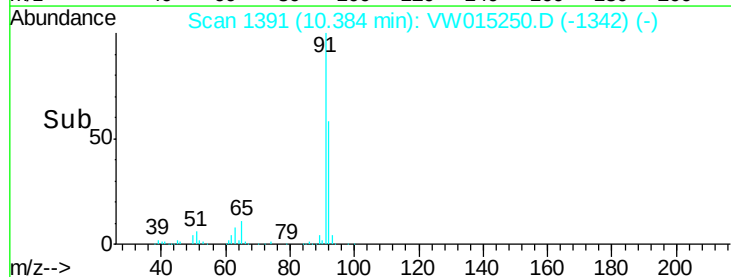
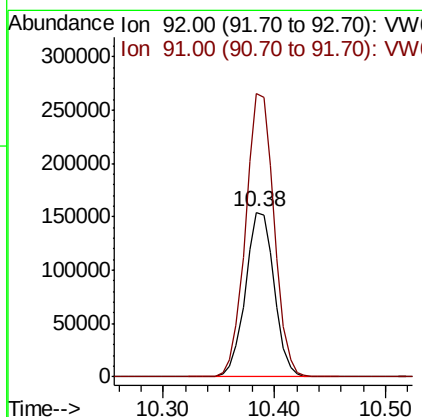
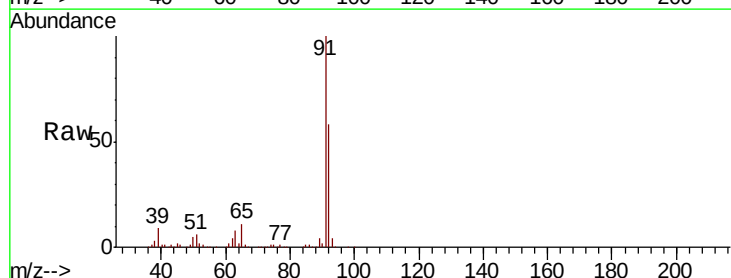
Instrument :
 MSVOA_W
 ClientSampled :

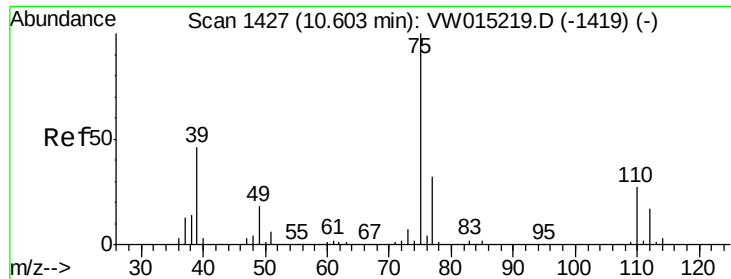
Tot Ion: 43 Resp: 210934
 Ion Ratio Lower Upper
 43 100
 58 42.7 32.3 48.5



#52
 Toluene
 Concen: 49.005 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 92 Resp: 275483
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.1 205.7

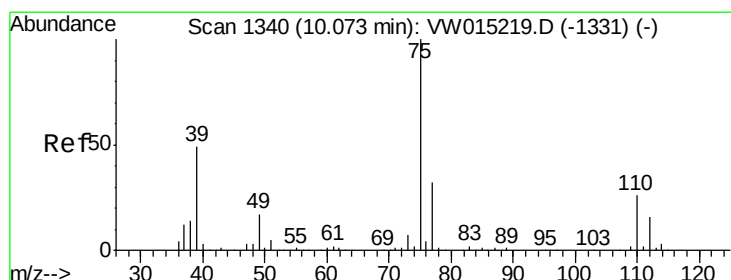
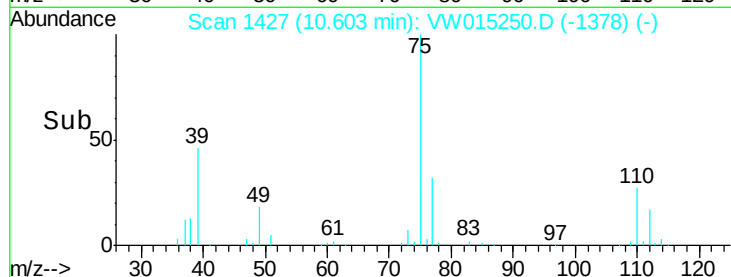
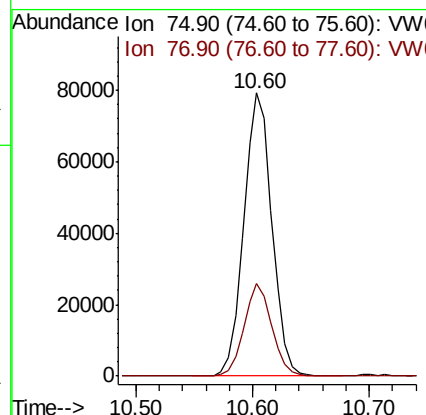
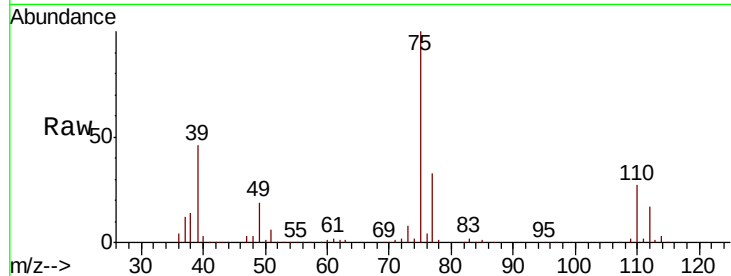




#53
t-1,3-Dichloropropene
Concen: 46.693 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

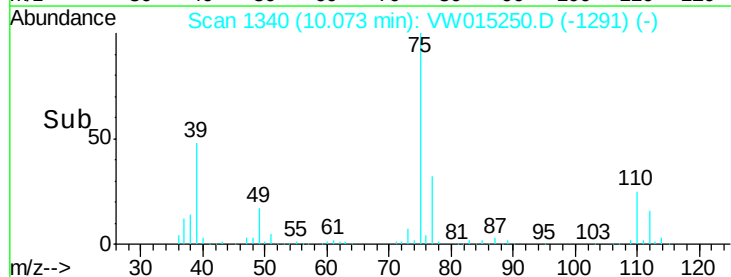
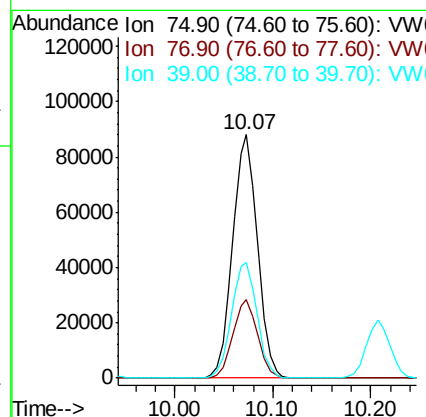
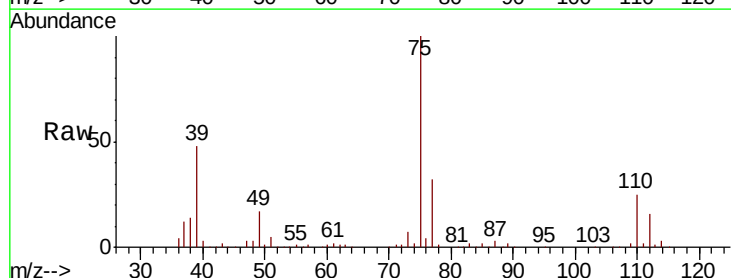
Instrument :
MSVOA_W
ClientSampled :

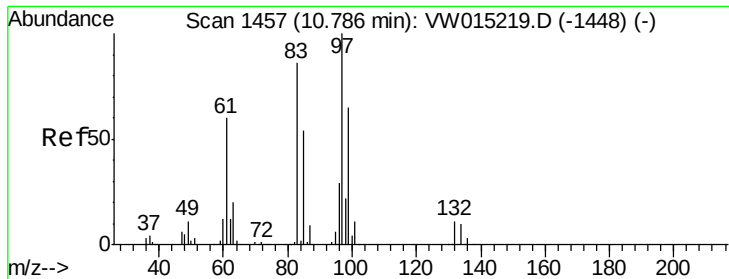
Tot Ion: 75 Resp: 132989
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 46.922 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 75 Resp: 155339
Ion Ratio Lower Upper
75 100
77 32.1 26.6 39.8
39 47.7 37.8 56.6

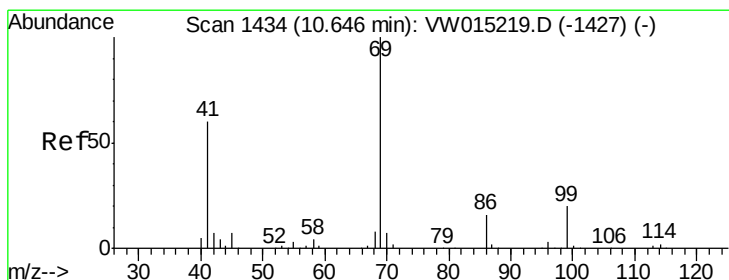
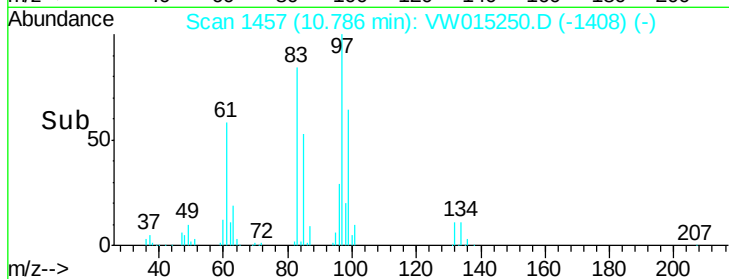
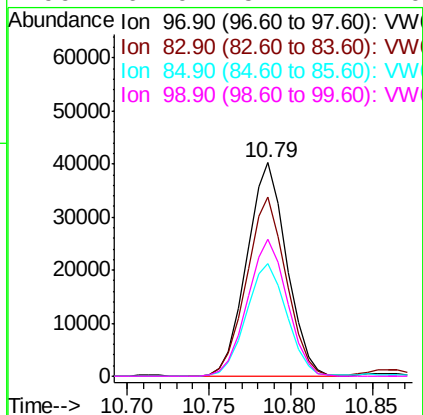
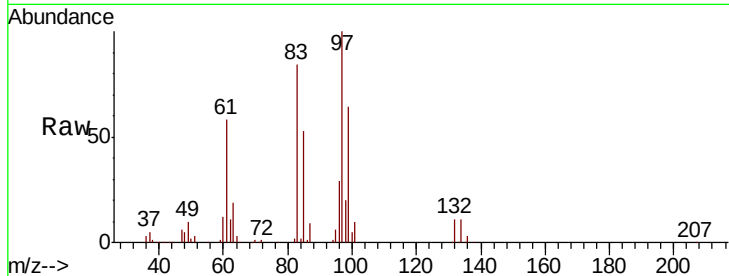




#55
 1,1,2-Trichloroethane
 Concen: 45.242 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

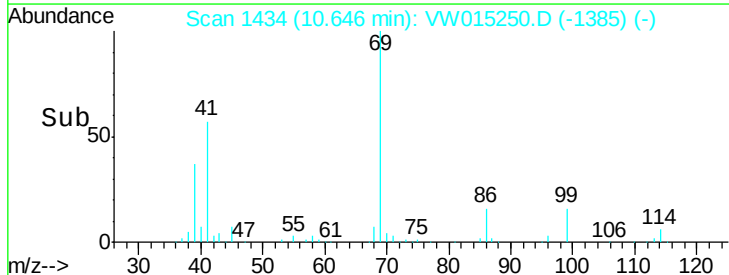
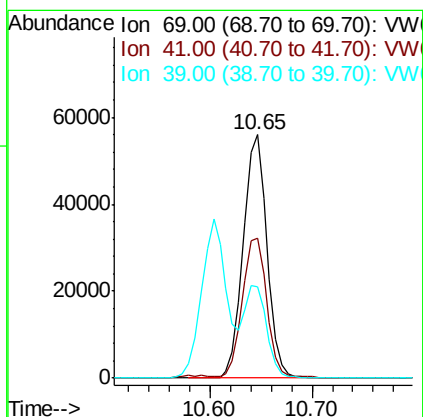
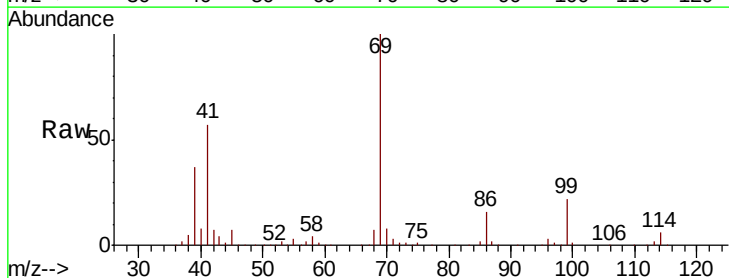
Instrument :
 MSVOA_W
 ClientSampleId :

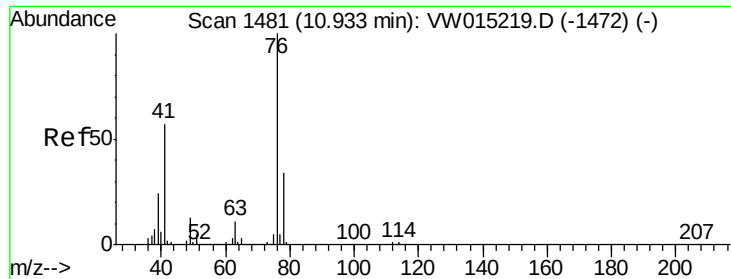
Tot Ion:	97	Resp:	68453
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.3	100.9
85	52.7	43.8	65.8
99	64.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 46.503 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion:	69	Resp:	90642
Ion	Ratio	Lower	Upper
69	100		
41	58.5	51.3	76.9
39	34.8	24.6	37.0

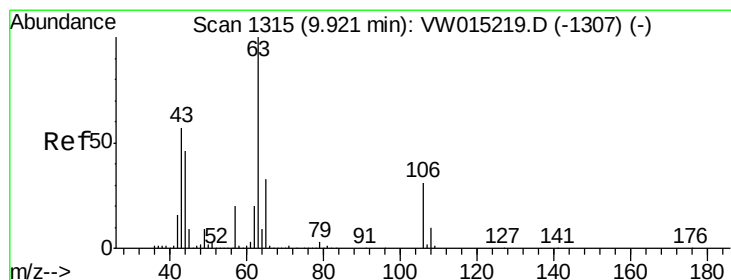
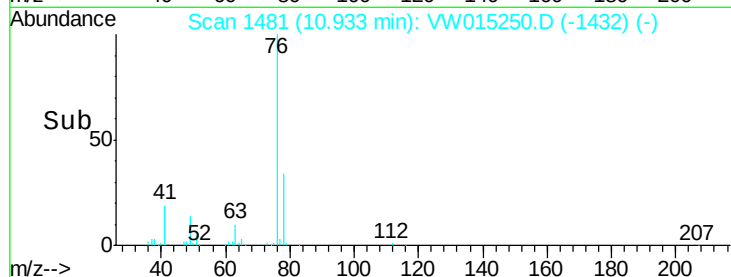
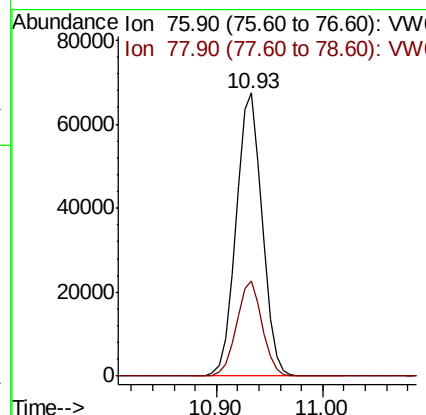
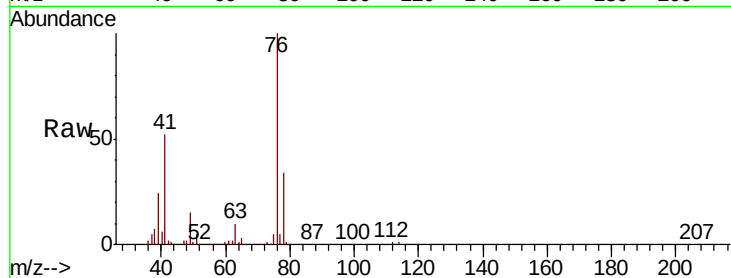




#57
 1,3-Dichloropropane
 Concen: 46.117 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

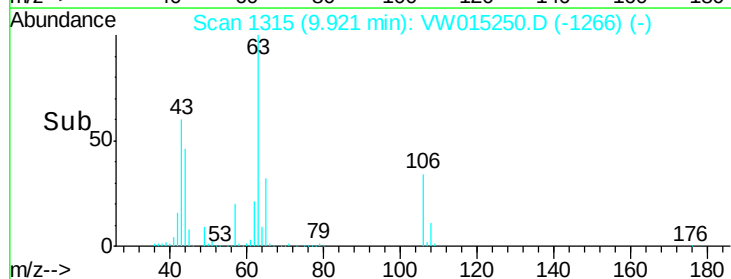
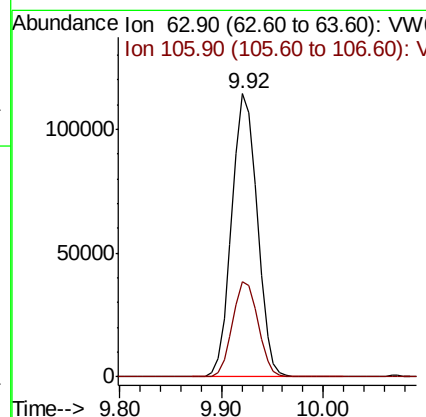
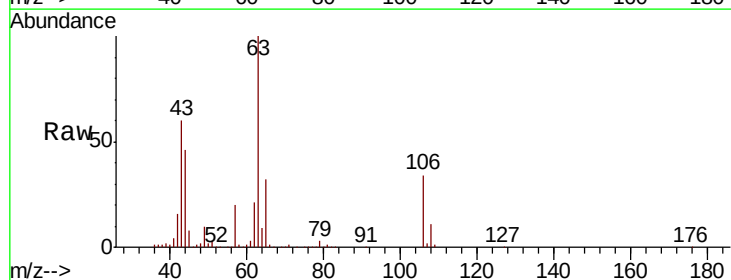
Instrument :
 MSVOA_W
 ClientSampleId :

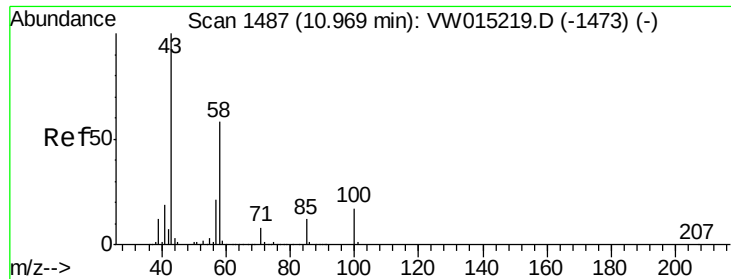
Tot Ion: 76 Resp: 115585
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 218.832 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 63 Resp: 197751
 Ion Ratio Lower Upper
 63 100
 106 33.7 22.6 33.8

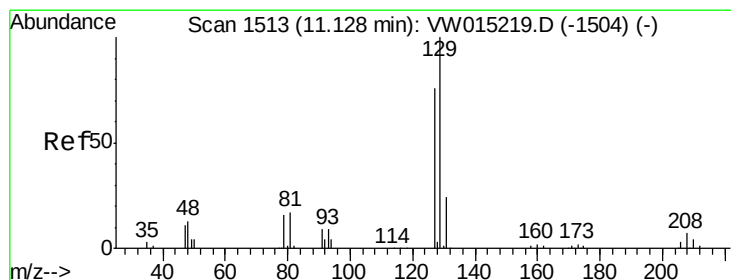
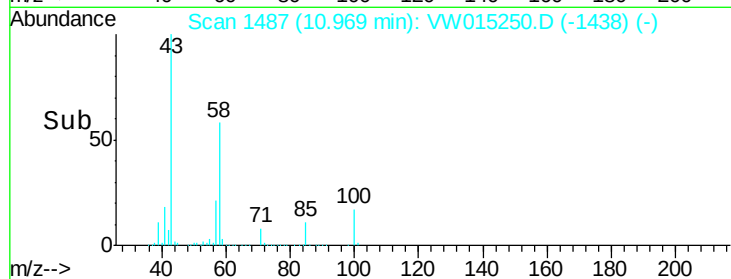
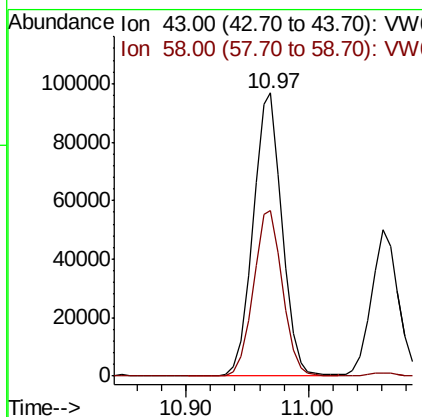
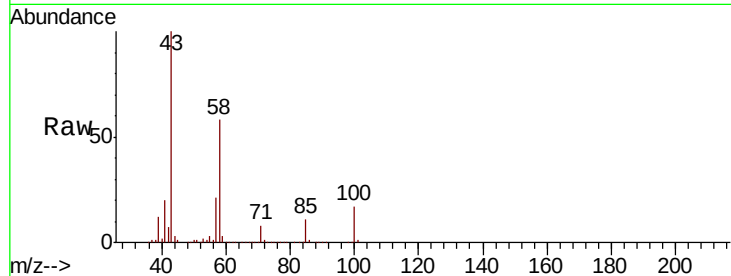




#59
2-Hexanone
Concen: 231.971 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

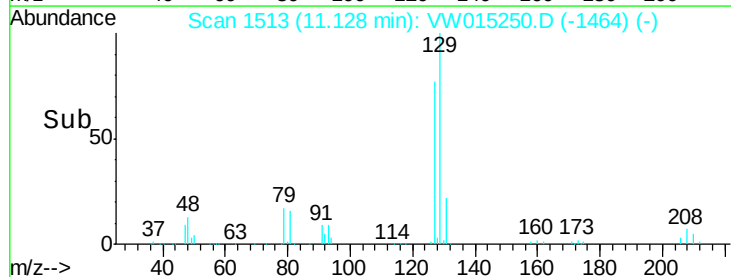
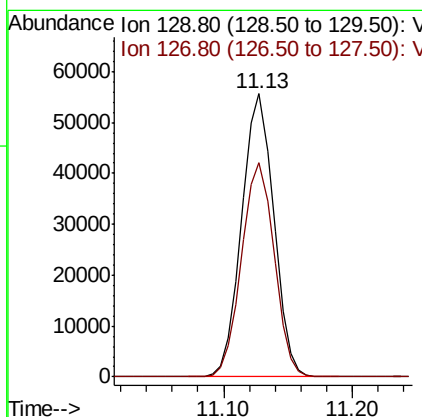
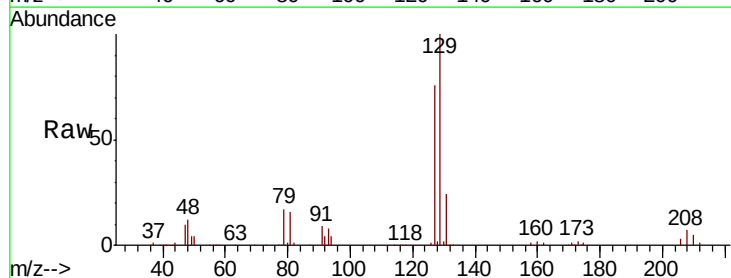
Instrument :
MSVOA_W
ClientSampleId :

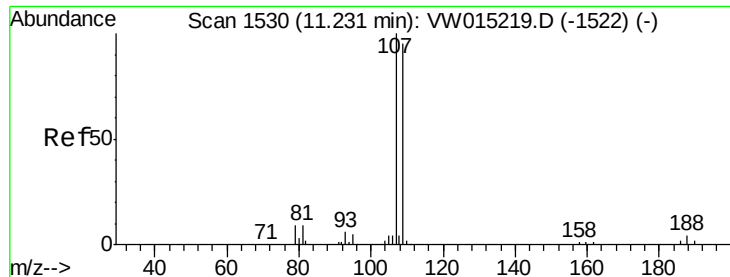
Tot Ion: 43 Resp: 159100
Ion Ratio Lower Upper
43 100
58 58.9 28.1 84.3



#60
Dibromochloromethane
Concen: 47.989 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 129 Resp: 95869
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

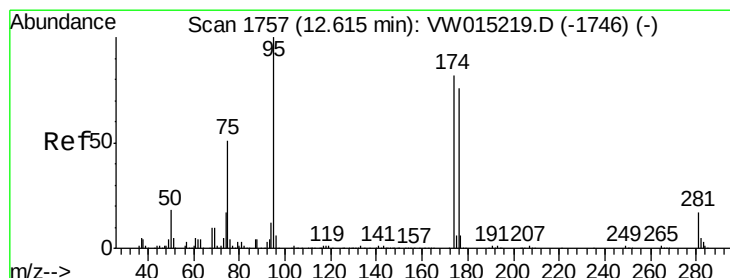
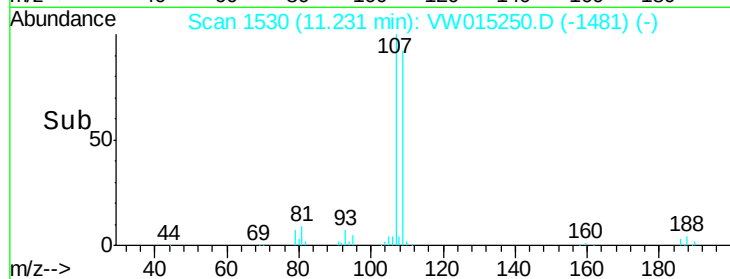
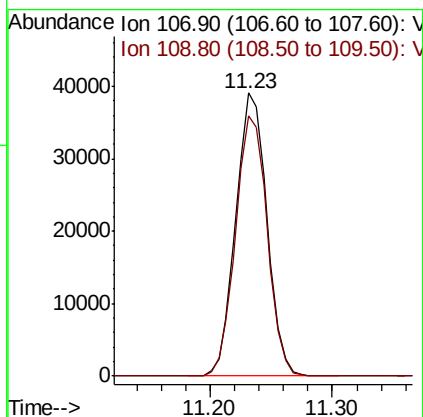
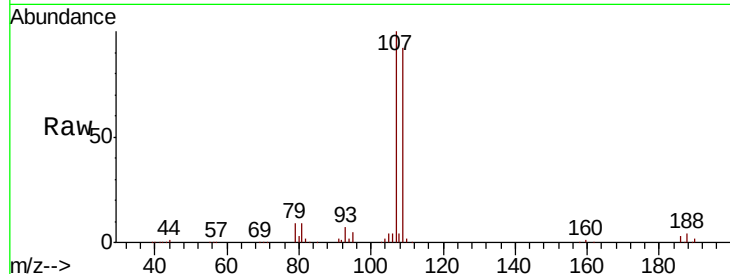




#61
 1,2-Dibromoethane
 Concen: 46.759 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

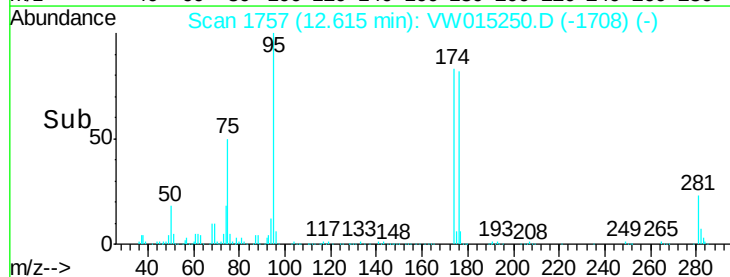
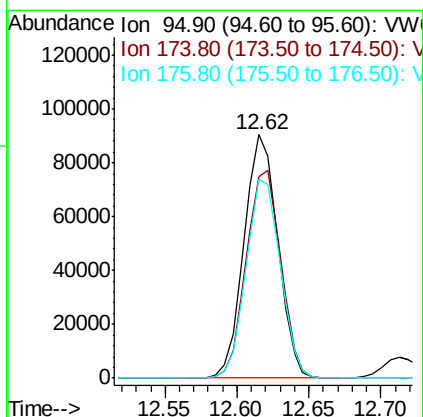
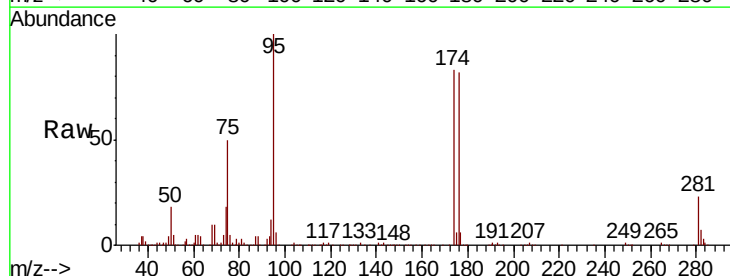
Instrument :
 MSVOA_W
 ClientSampleId :

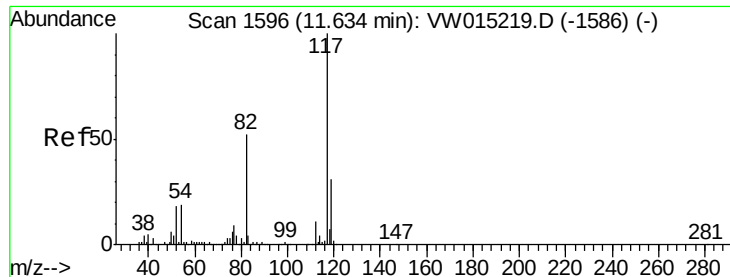
Tot Ion:107 Resp: 69033
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 49.275 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion: 95 Resp: 145953
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 144.4
 176 83.1 0.0 140.6

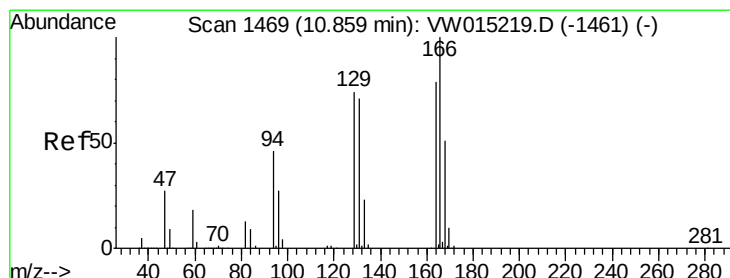
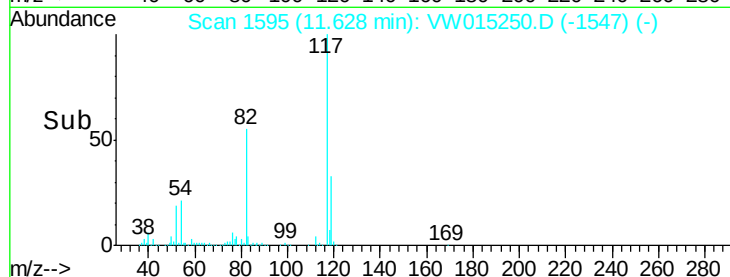
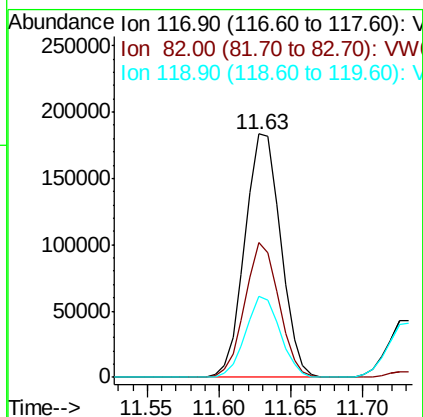
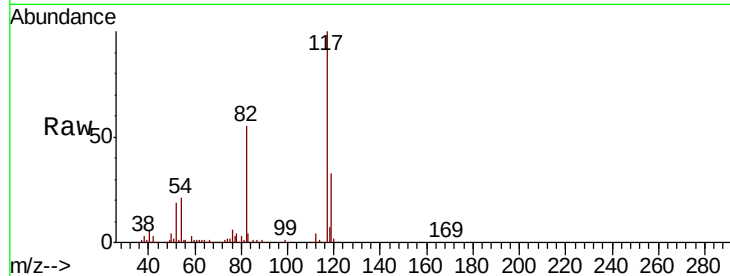




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

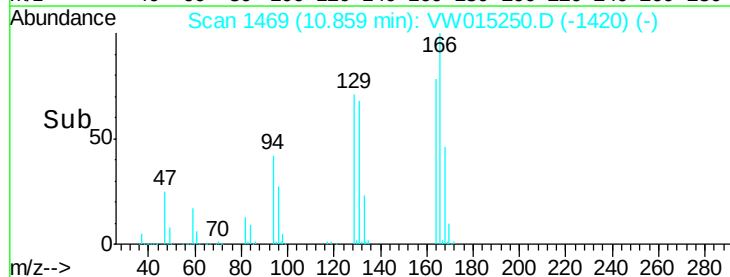
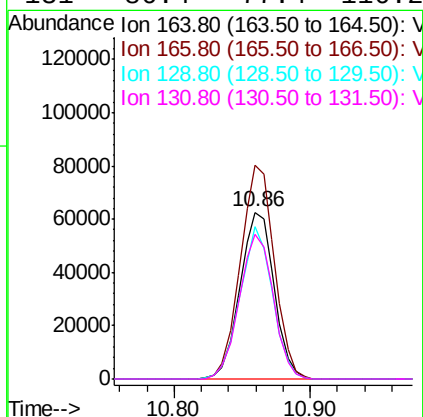
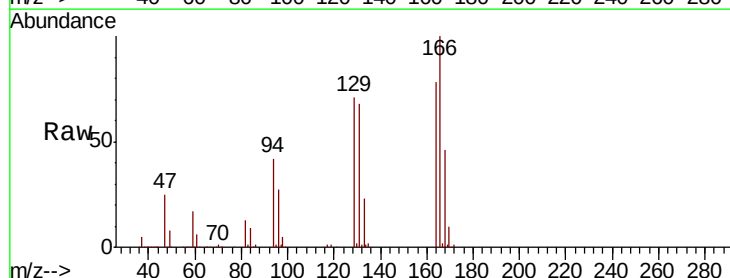
Instrument :
MSVOA_W
ClientSampleId :

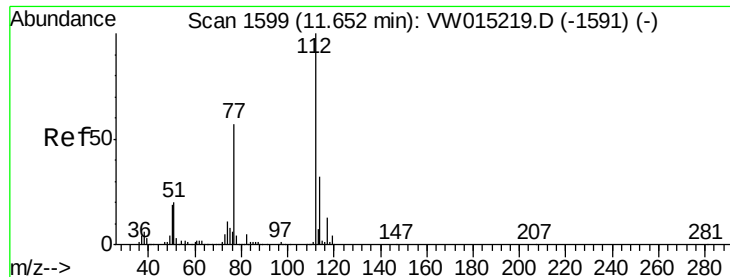
Tot Ion:117 Resp: 316738
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 33.1 24.9 37.3



#64
Tetrachloroethene
Concen: 48.350 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:164 Resp: 109298
Ion Ratio Lower Upper
164 100
166 128.0 102.6 154.0
129 91.4 80.2 120.2
131 86.4 77.4 116.2





#65

Chlorobenzene

Concen: 48.805 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

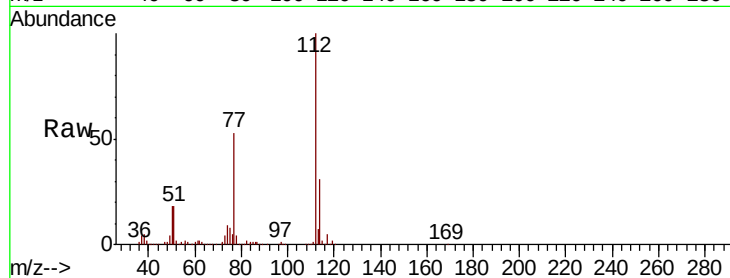
ClientSampleId :

Tot Ion:112 Resp: 303335

Ion Ratio Lower Upper

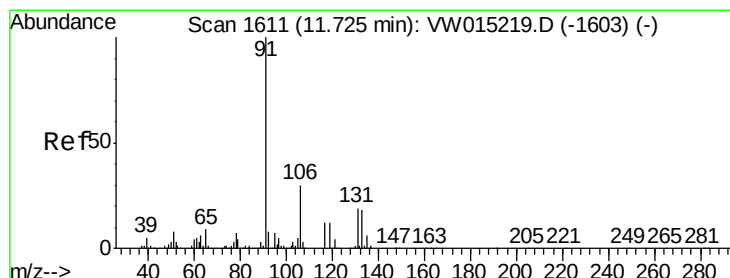
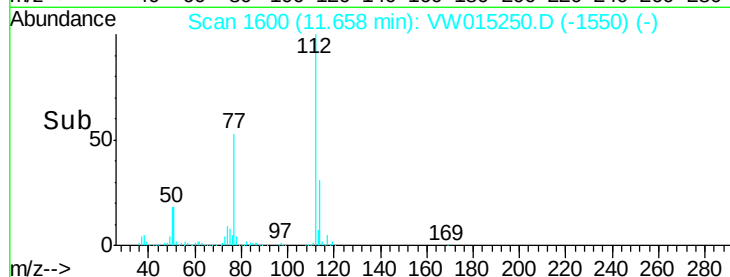
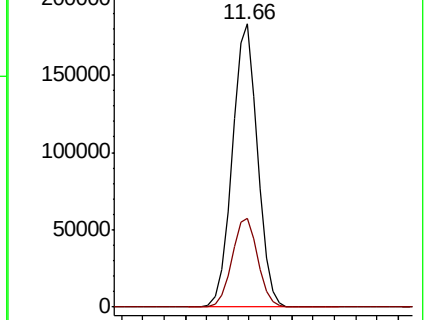
112 100

114 31.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.129 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

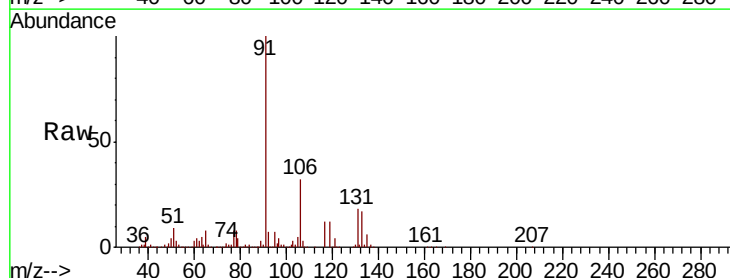
Tgt Ion:131 Resp: 109748

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

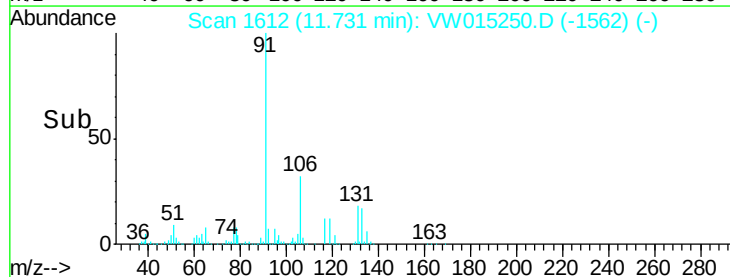
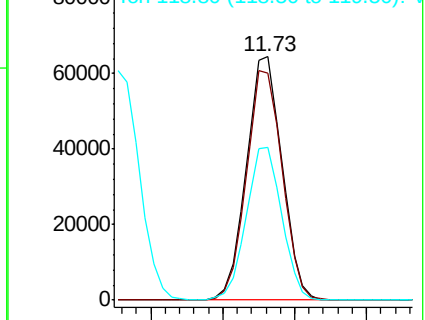
119 62.8 34.0 101.8

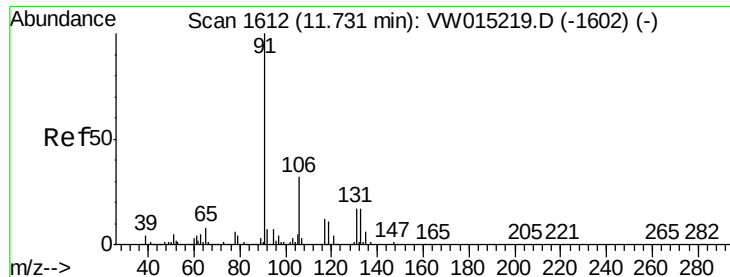


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

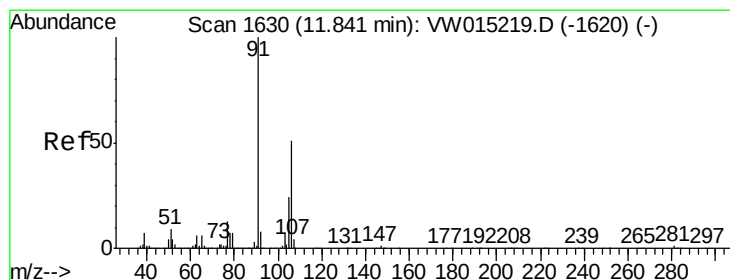
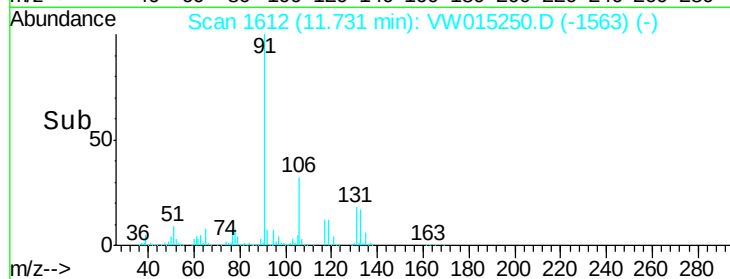
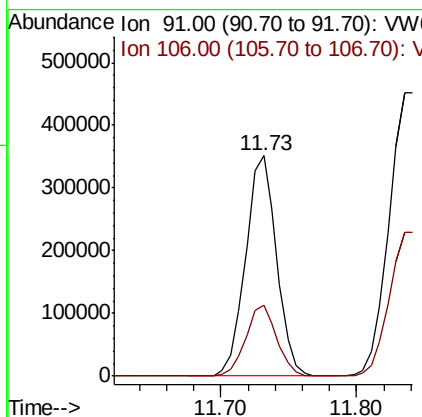
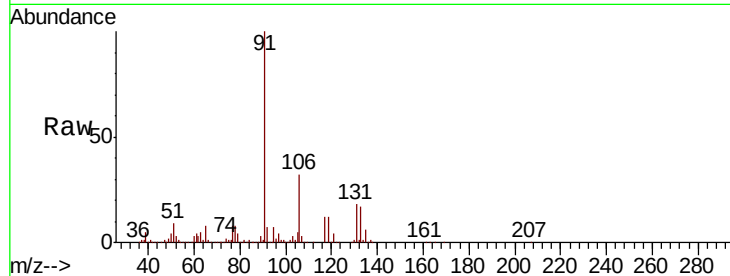




#67
Ethyl Benzene
Concen: 48.212 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

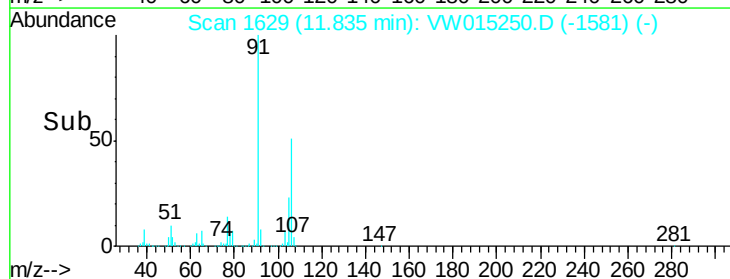
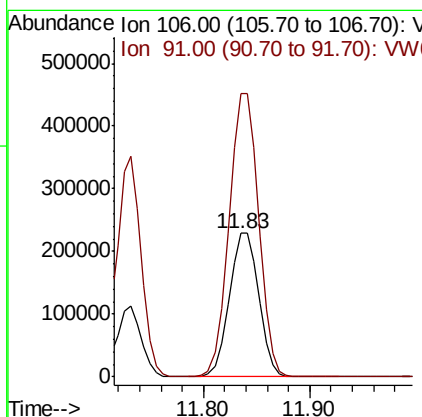
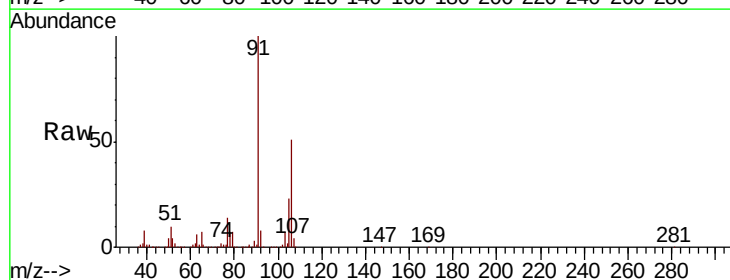
Instrument :
MSVOA_W
ClientSampleId :

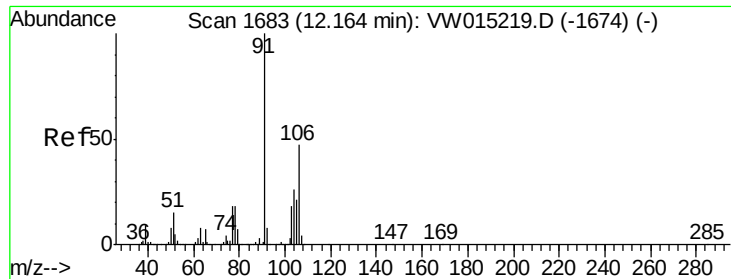
Tot Ion: 91 Resp: 558809
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 97.898 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 106 Resp: 444778
Ion Ratio Lower Upper
106 100
91 197.7 160.0 240.0

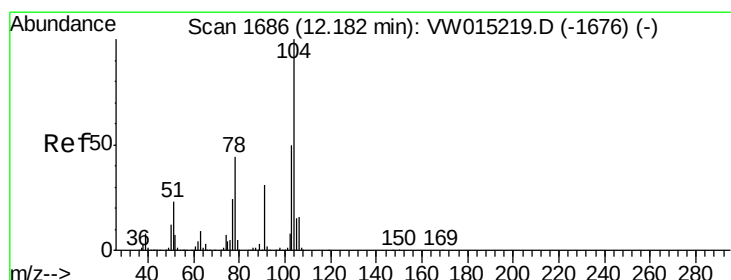
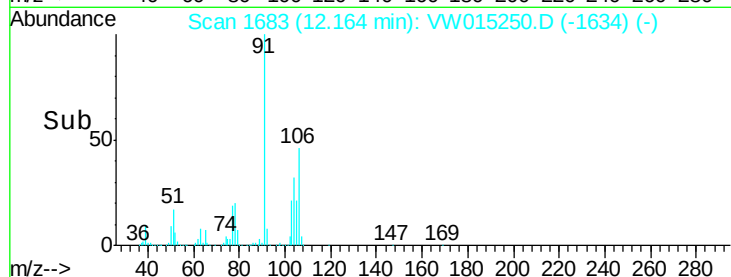
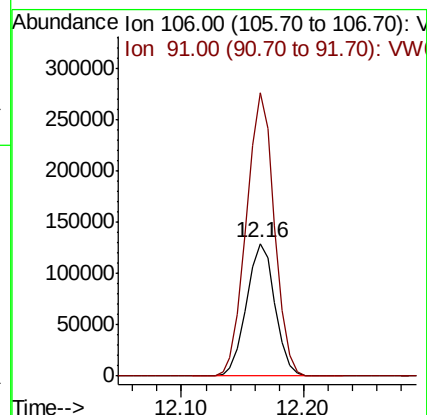
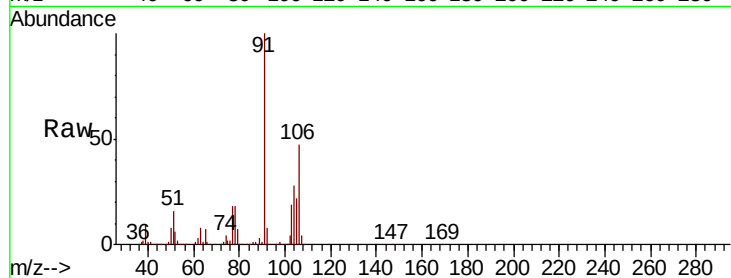




#69
o-Xylene
Concen: 49.146 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

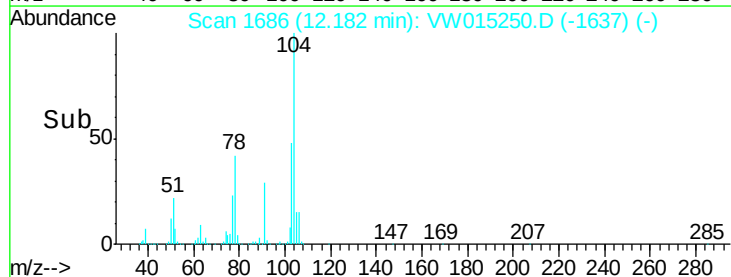
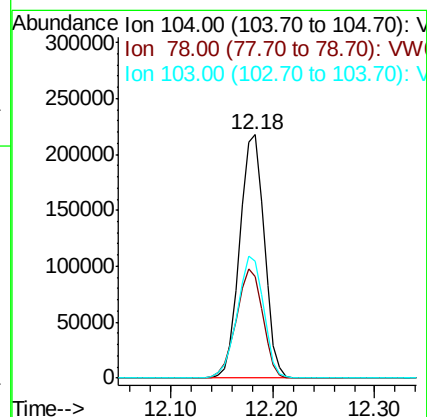
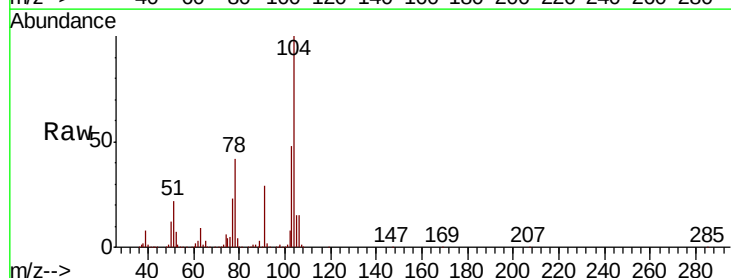
Instrument :
MSVOA_W
ClientSampleId :

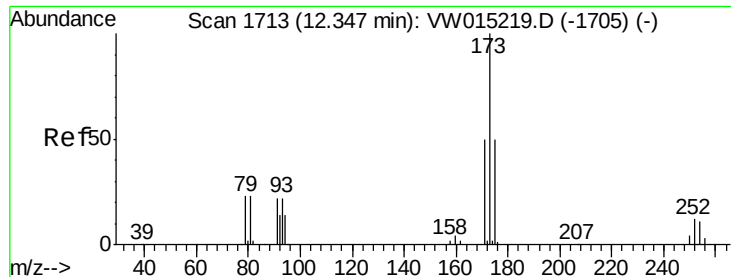
Tot Ion:106 Resp: 208412
Ion Ratio Lower Upper
106 100
91 210.4 105.7 317.1



#70
Styrene
Concen: 49.956 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:104 Resp: 361109
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 53.6 43.8 65.6

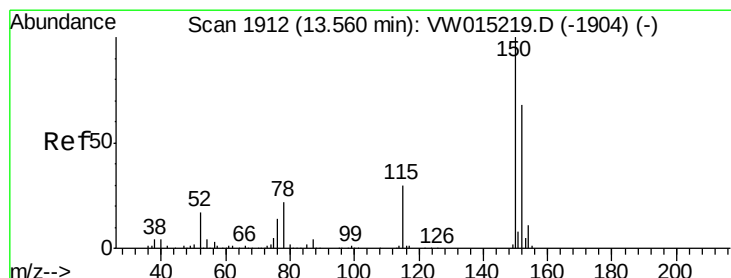
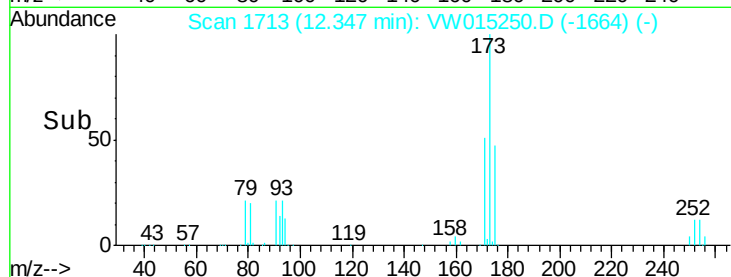
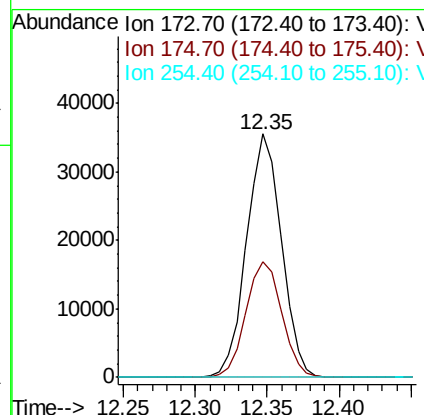
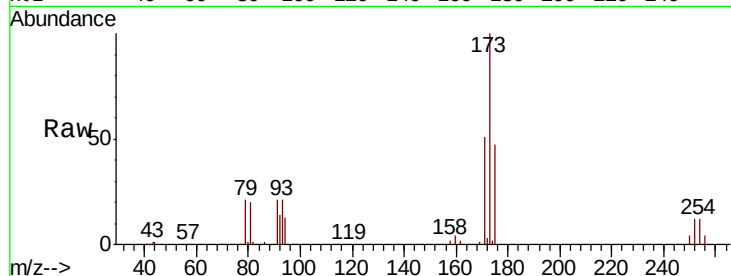




#71
Bromoform
Concen: 47.306 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

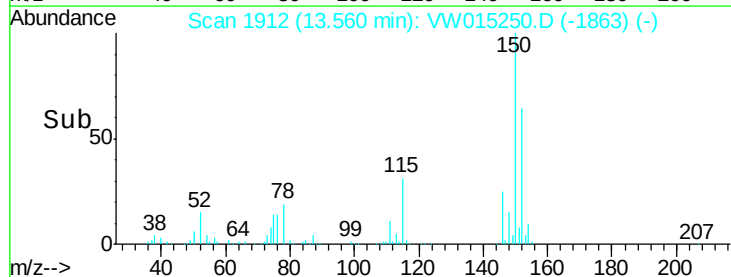
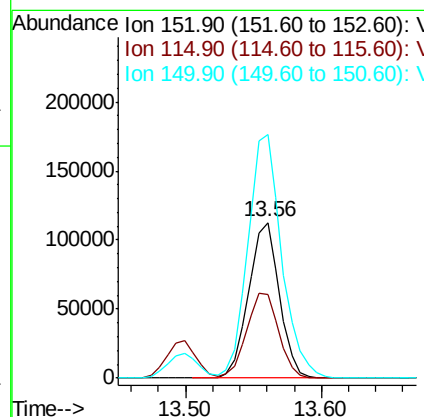
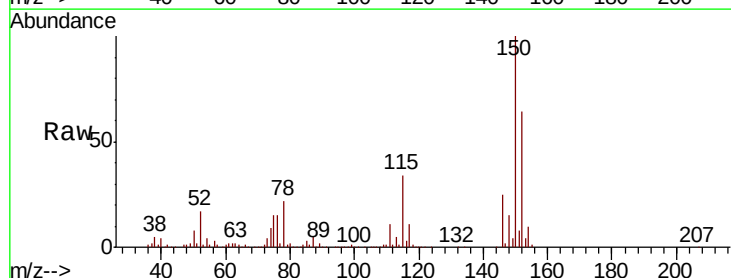
Instrument :
MSVOA_W
ClientSampleId :

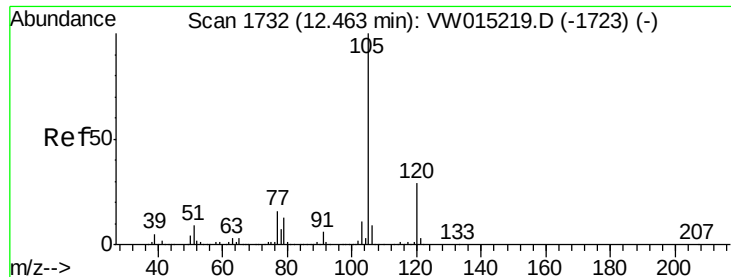
Tot Ion:173 Resp: 59543
Ion Ratio Lower Upper
173 100
175 48.7 25.1 75.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion:152 Resp: 178469
Ion Ratio Lower Upper
152 100
115 57.1 31.3 93.9
150 171.5 0.0 343.4





#73

Isopropylbenzene

Concen: 46.046 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

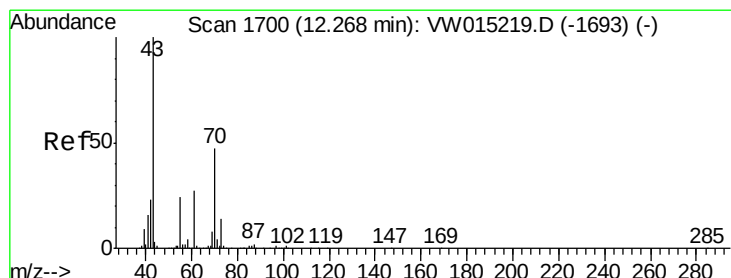
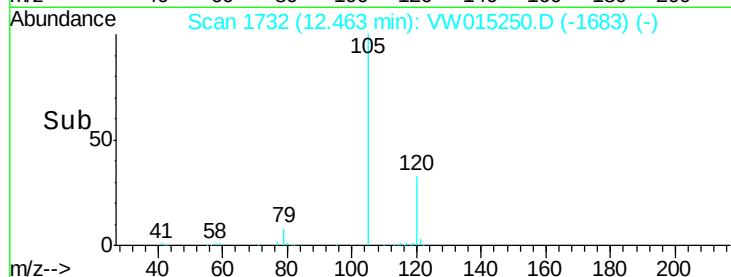
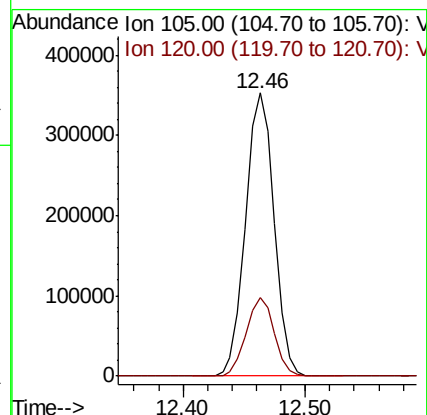
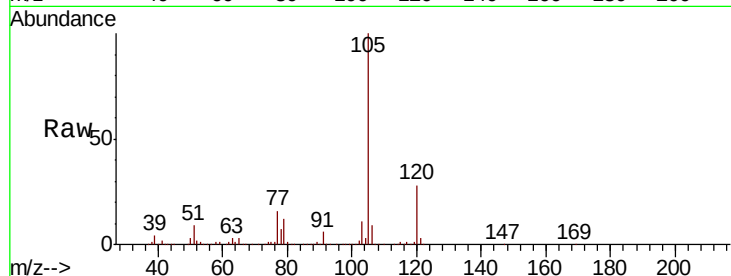
ClientSampleId :

Tot Ion:105 Resp: 569772

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 43.076 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion: 43 Resp: 92732

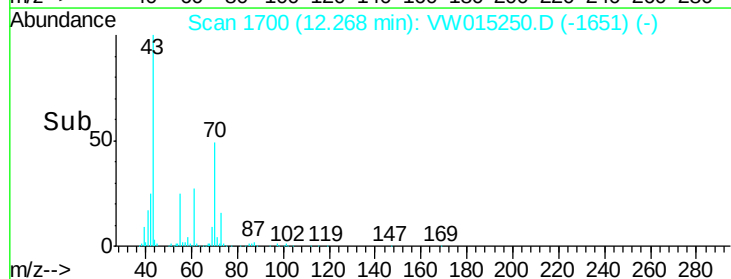
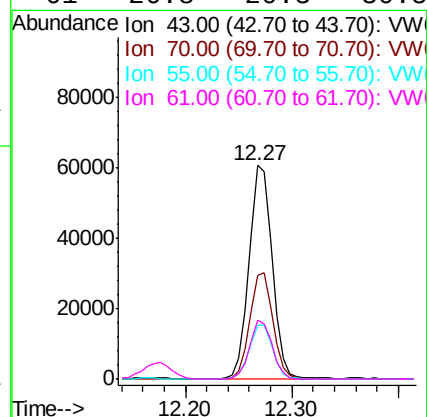
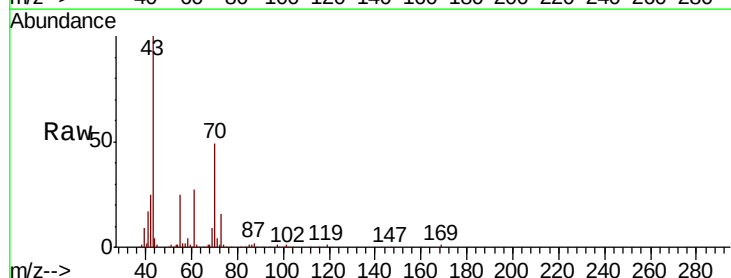
Ion Ratio Lower Upper

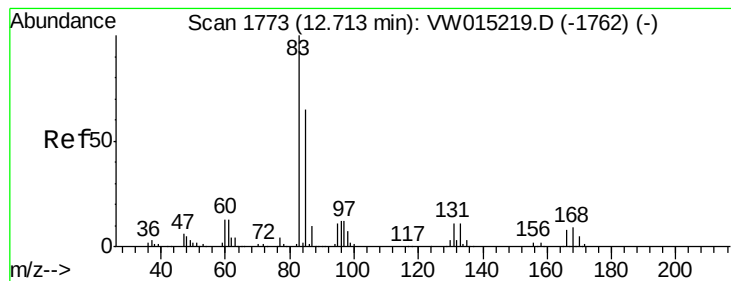
43 100

70 49.9 35.4 53.2

55 25.4 18.5 27.7

61 26.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 43.001 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

ClientSampled :

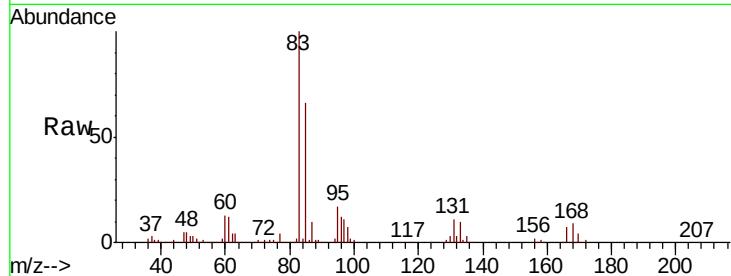
Tot Ion: 83 Resp: 75548

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.2

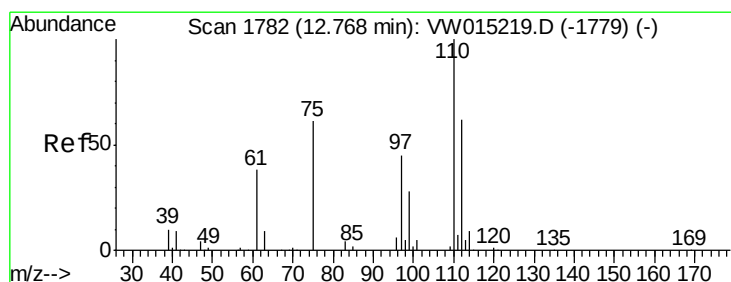
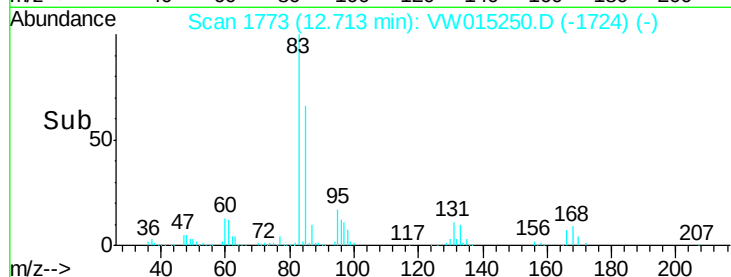
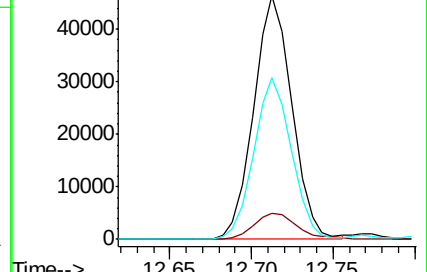
85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 77.058 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015250.D

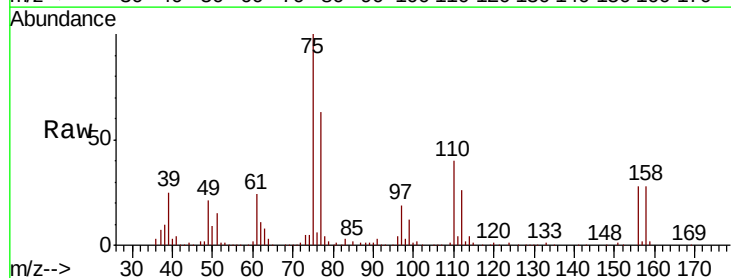
Acq: 21 Apr 2020 09:45

Tgt Ion: 75 Resp: 106390

Ion Ratio Lower Upper

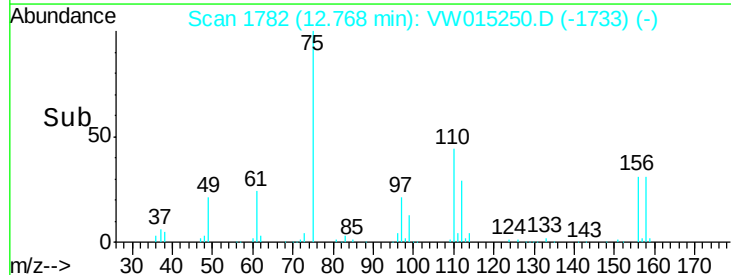
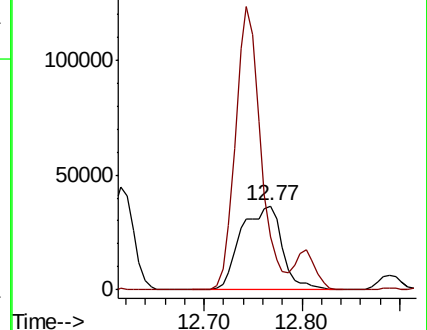
75 100

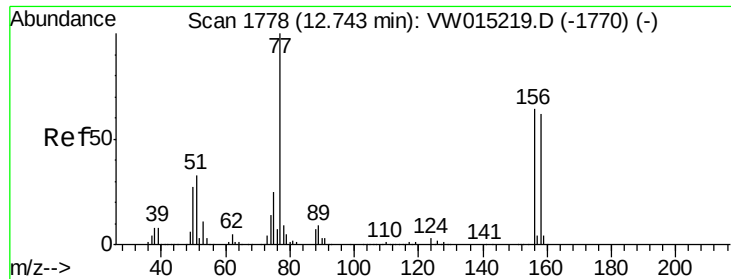
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

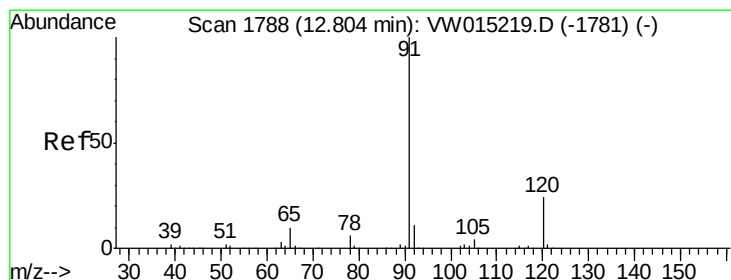
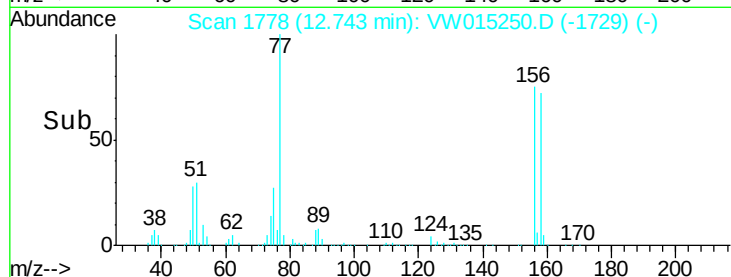
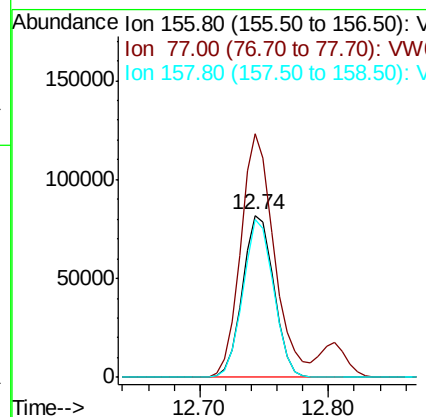
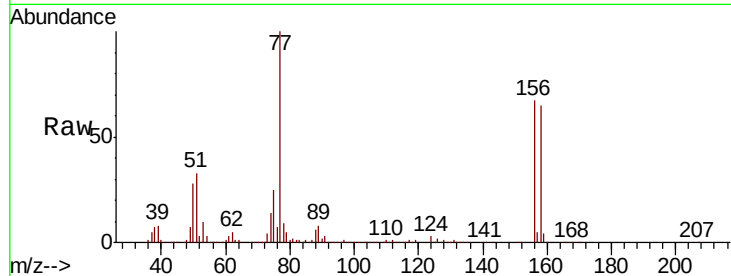




#77
Bromobenzene
Concen: 48.032 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

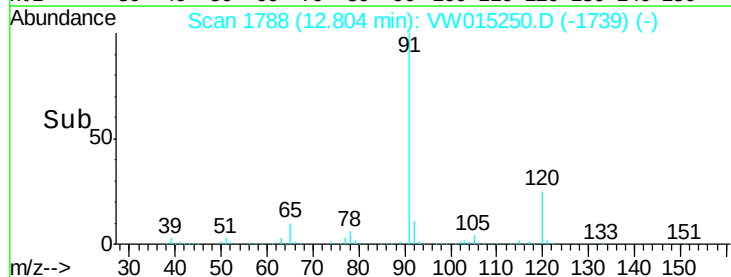
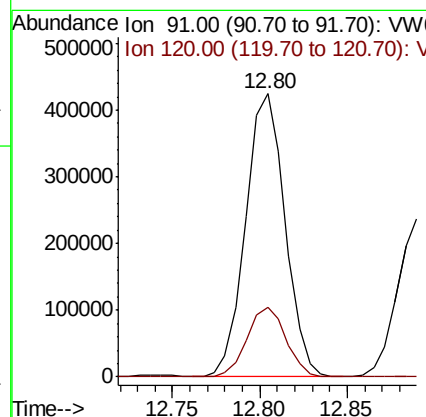
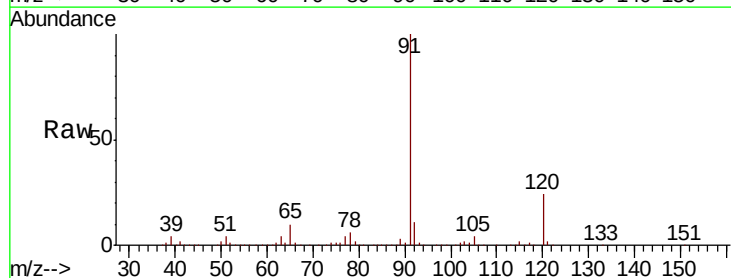
Instrument :
MSVOA_W
ClientSampleId :

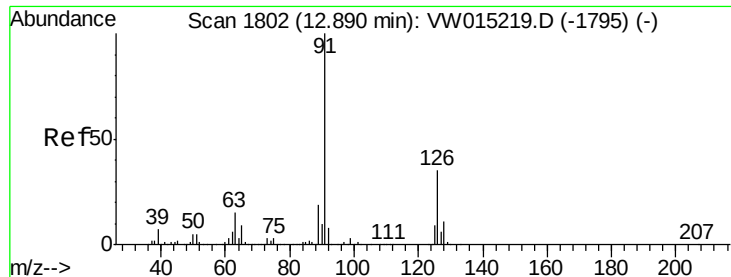
Tot Ion:156 Resp: 136551
Ion Ratio Lower Upper
156 100
77 162.0 100.5 301.5
158 95.6 47.9 143.8



#78
n-propylbenzene
Concen: 46.001 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 91 Resp: 662761
Ion Ratio Lower Upper
91 100
120 24.4 11.4 34.1





#79

2-Chlorotoluene

Concen: 46.838 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

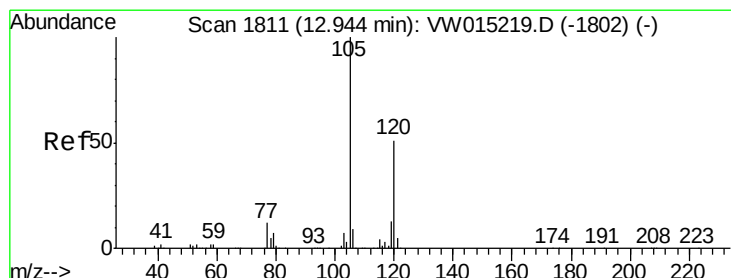
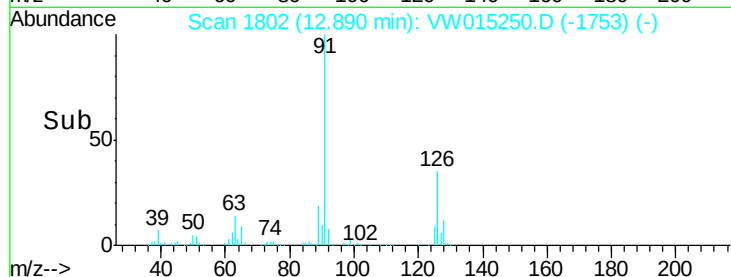
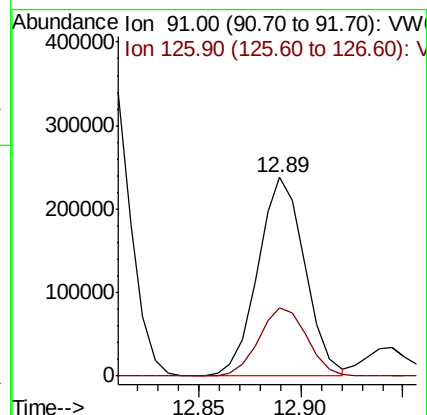
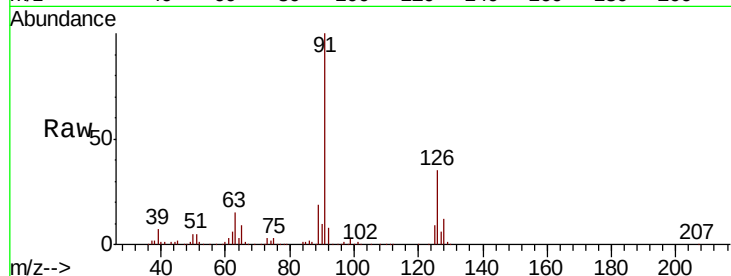
ClientSampleId :

Tot Ion: 91 Resp: 380299

Ion Ratio Lower Upper

91 100

126 35.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 46.285 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015250.D

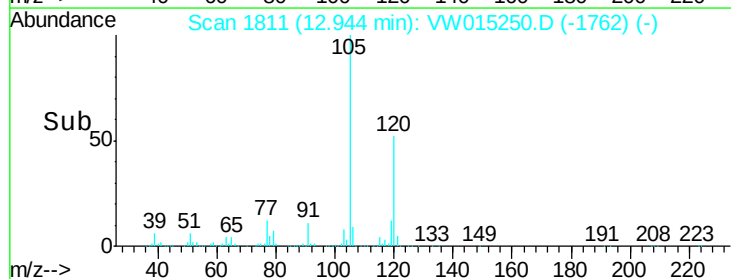
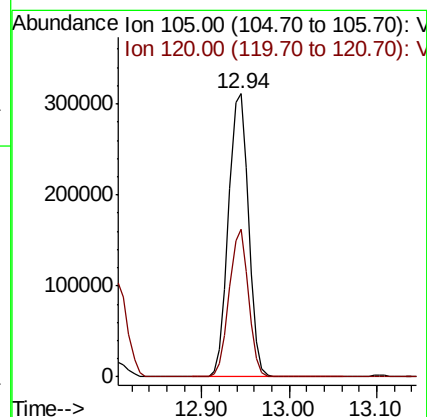
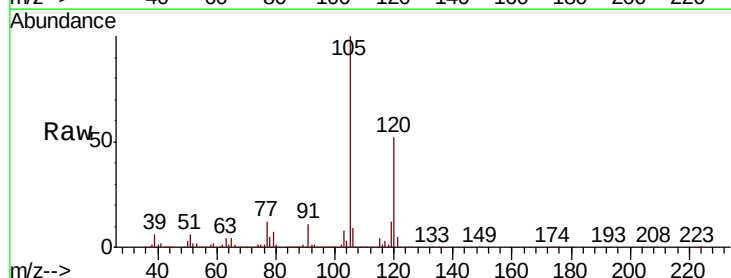
Acq: 21 Apr 2020 09:45

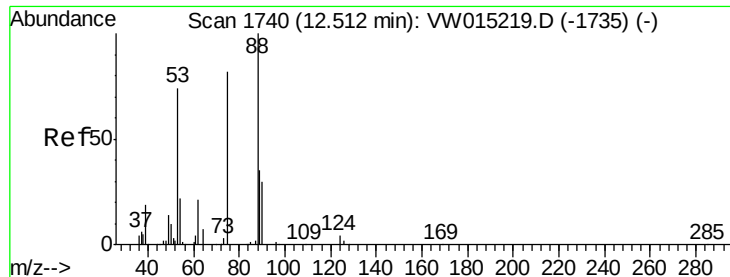
Tgt Ion: 105 Resp: 493363

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.799 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

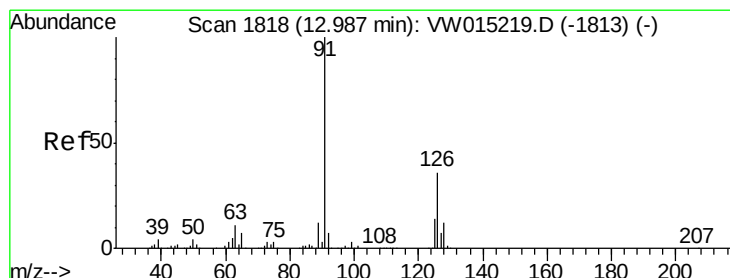
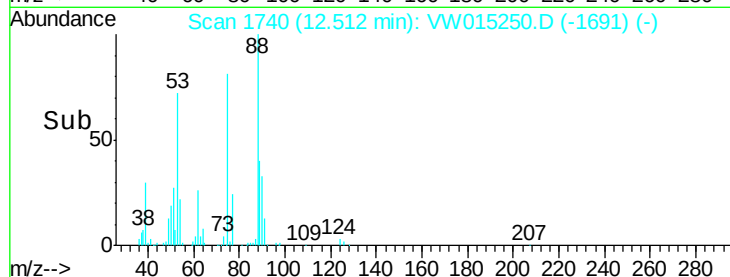
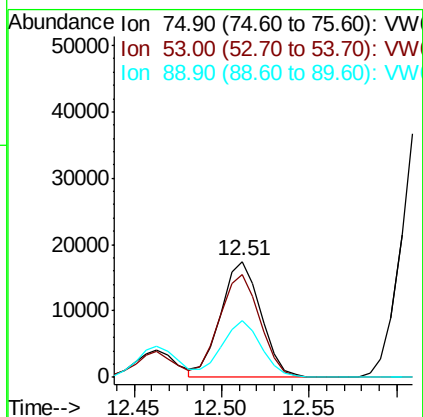
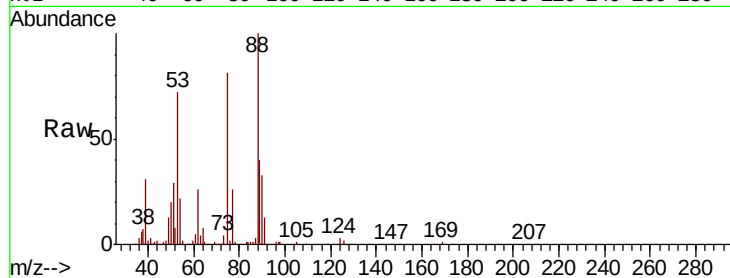
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 75 Resp: 27663

Ion	Ratio	Lower	Upper
75	100		
53	90.9	69.4	104.2
89	49.5	34.8	52.2



#82

4-Chlorotoluene

Concen: 47.078 ug/l

RT: 12.99 min Scan# 1818

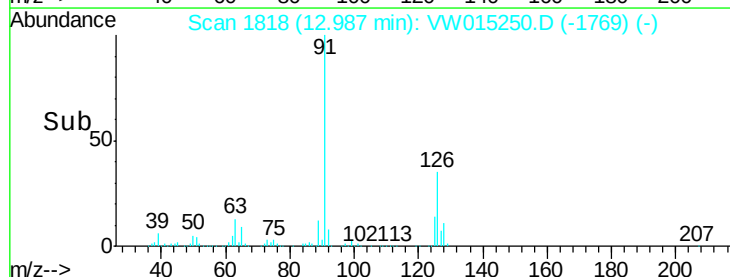
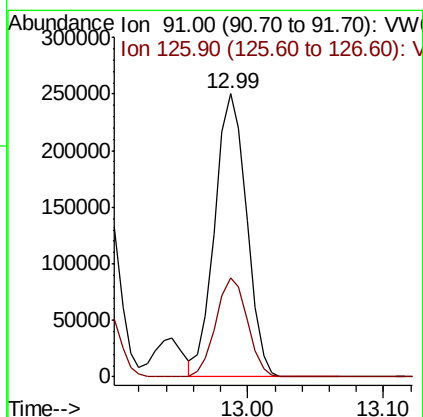
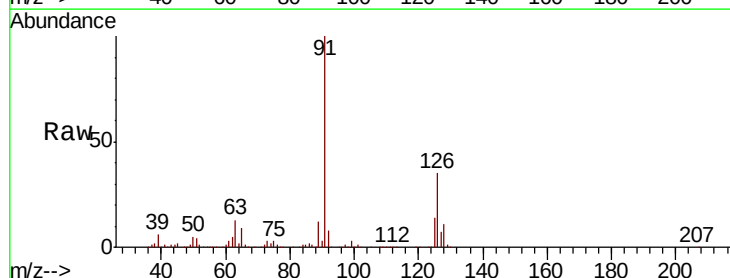
Delta R.T. 0.00 min

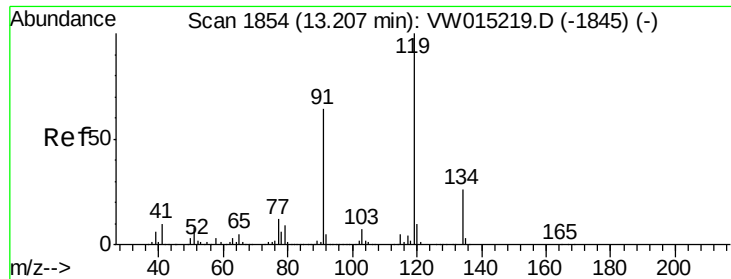
Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Tgt Ion: 91 Resp: 405849

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.8	50.3

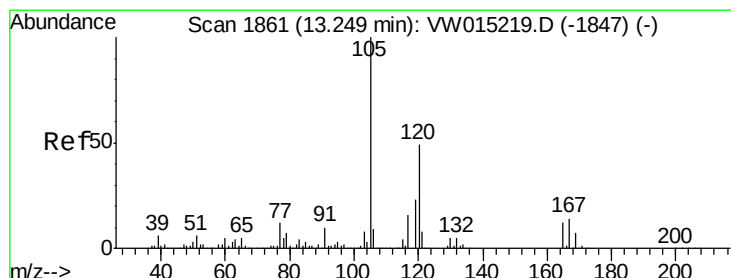
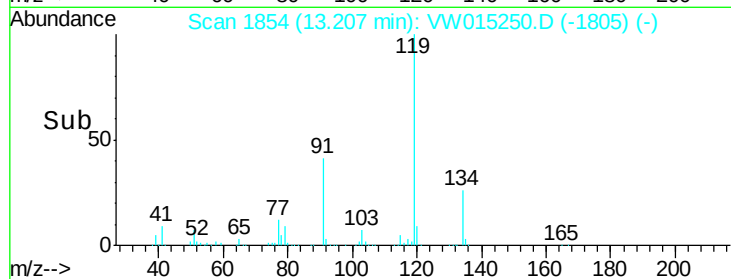
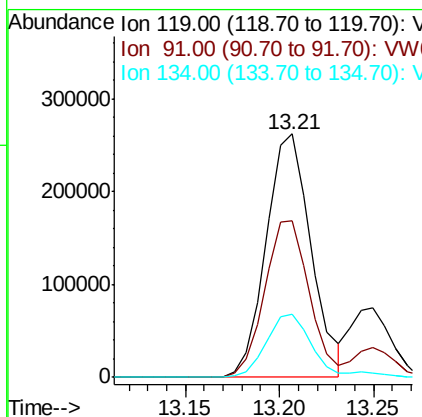
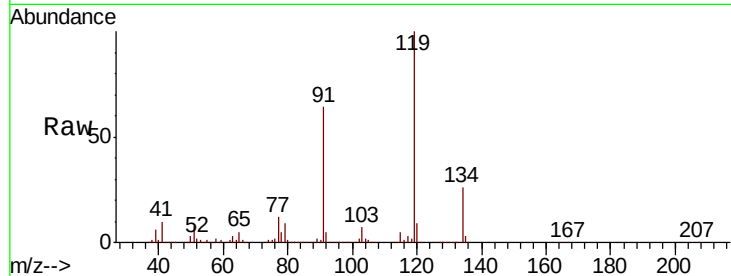




#83
 tert-Butylbenzene
 Concen: 46.603 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

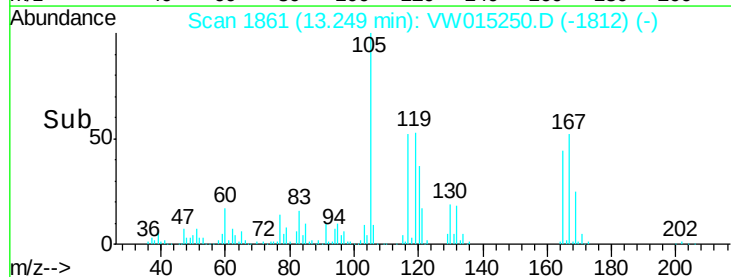
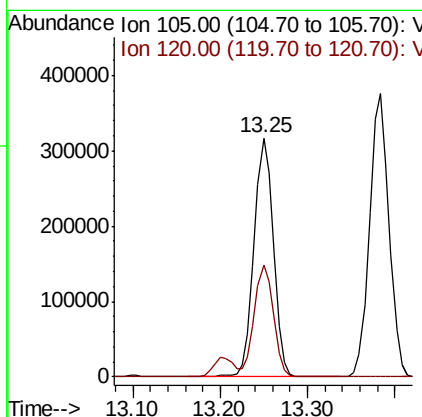
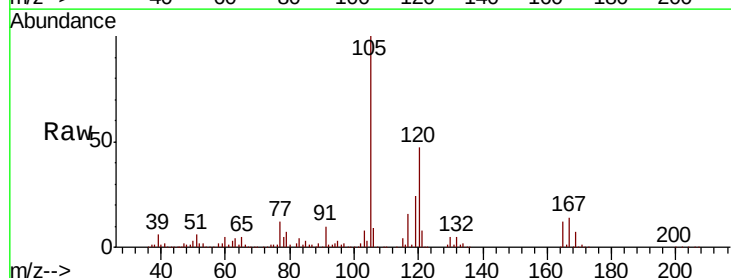
Instrument :
 MSVOA_W
 ClientSampled :

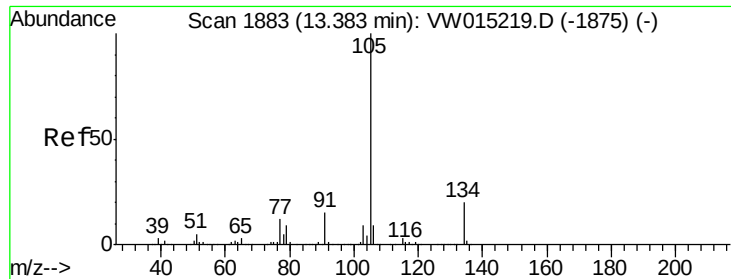
Tot Ion:119 Resp: 434175
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.8 98.3
 134 25.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.267 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion:105 Resp: 486429
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 45.353 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

Instrument :

MSVOA_W

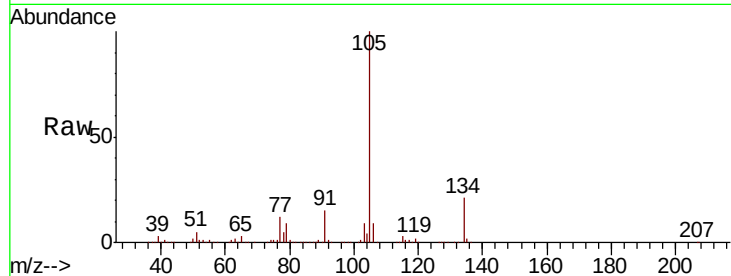
ClientSampleId :

Tot Ion:105 Resp: 583523

Ion Ratio Lower Upper

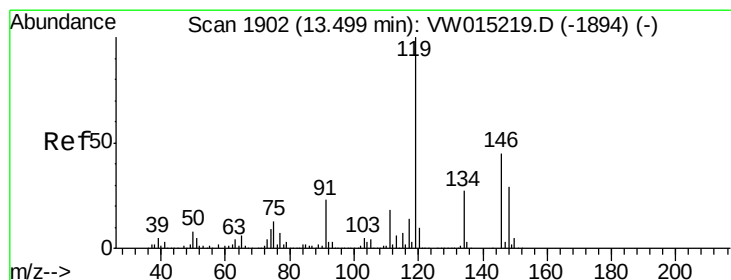
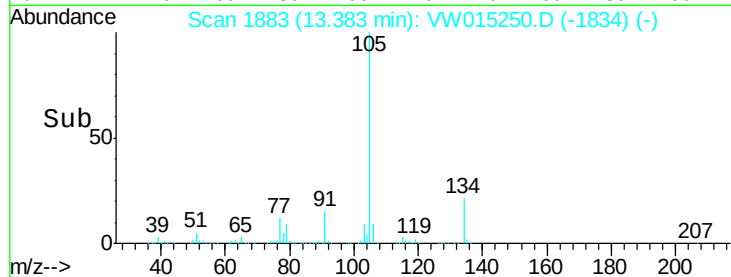
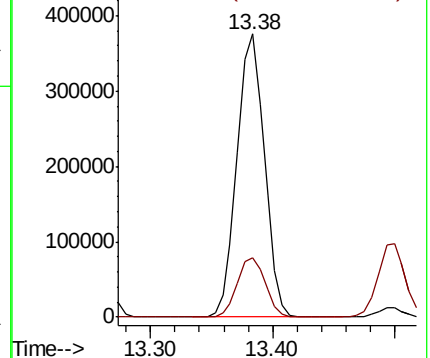
105 100

134 21.5 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: 46.446 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015250.D

Acq: 21 Apr 2020 09:45

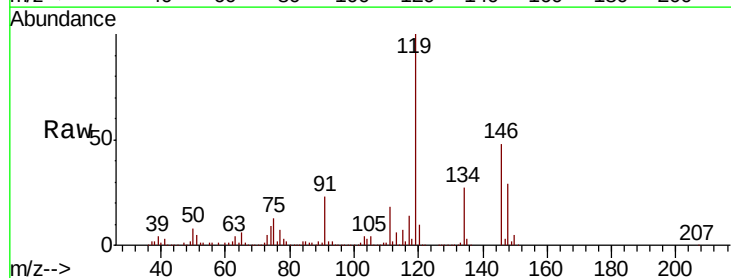
Tgt Ion:119 Resp: 555287

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

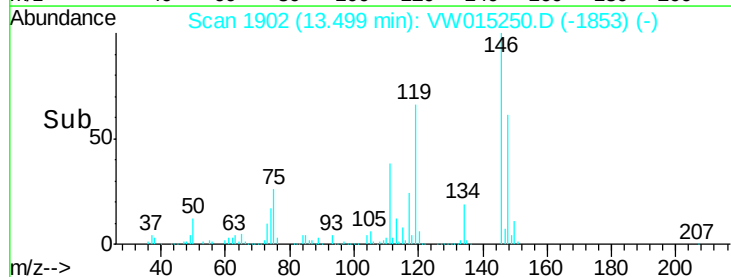
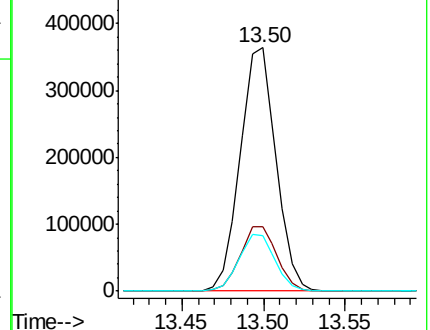
91 23.3 12.0 36.1

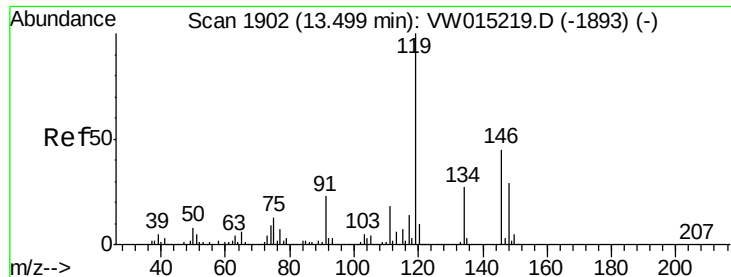


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

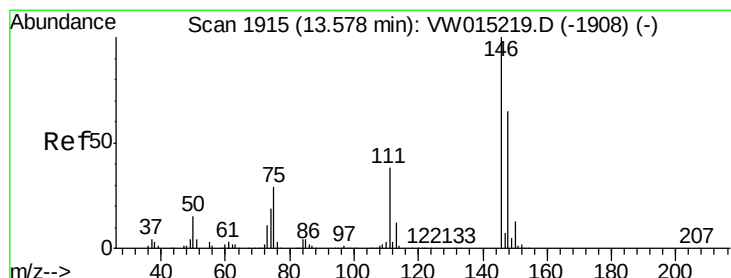
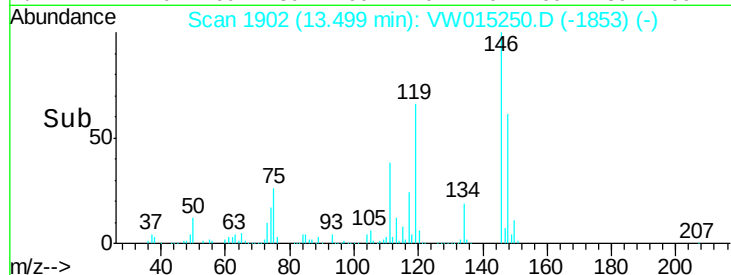
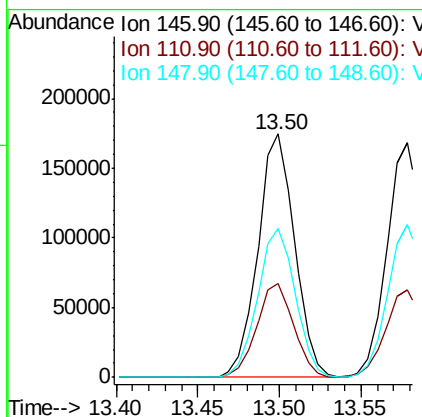
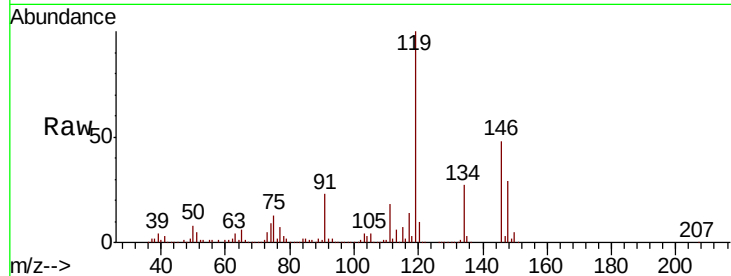




#87
 1,3-Dichlorobenzene
 Concen: 48.060 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

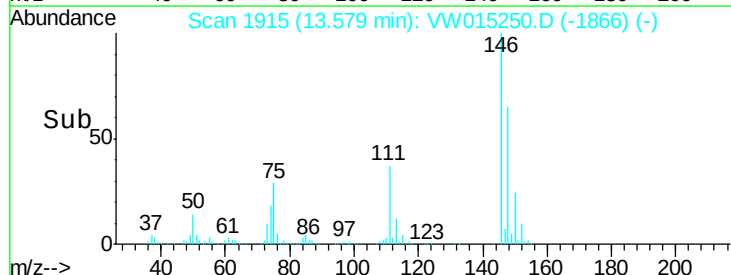
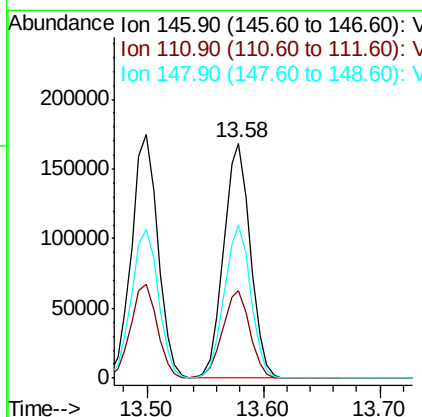
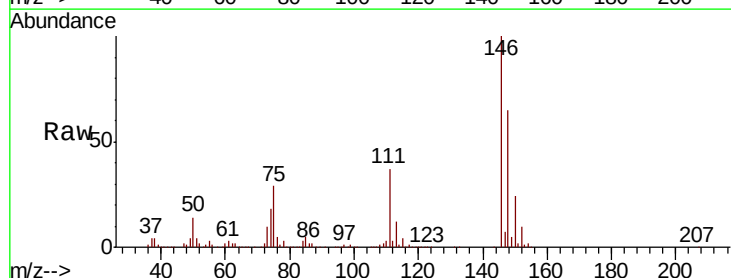
Instrument :
 MSVOA_W
 ClientSampleId :

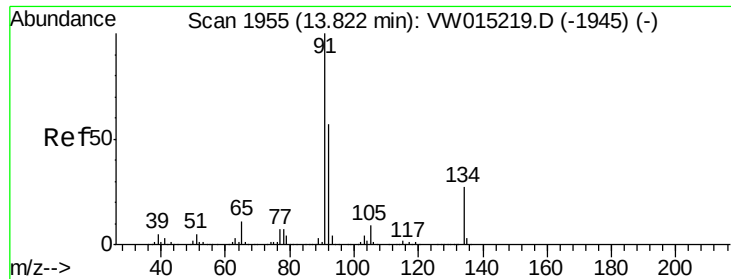
Tot Ion:146 Resp: 271474
 Ion Ratio Lower Upper
 146 100
 111 38.9 21.1 63.4
 148 62.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.223 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion:146 Resp: 267015
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.4 61.3
 148 64.7 31.5 94.5

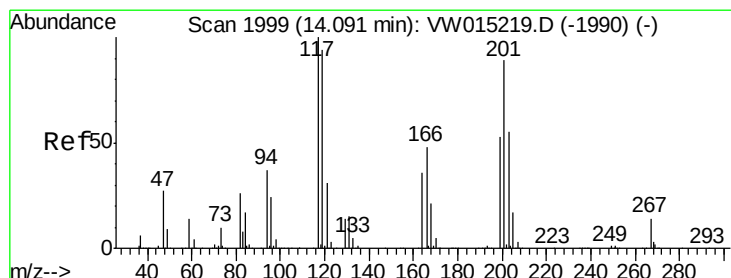
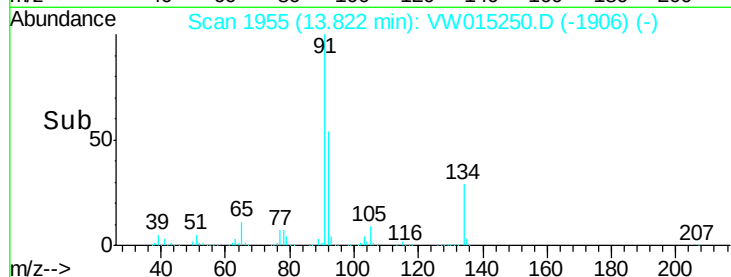
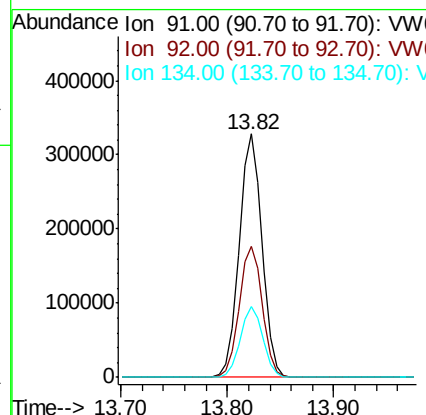
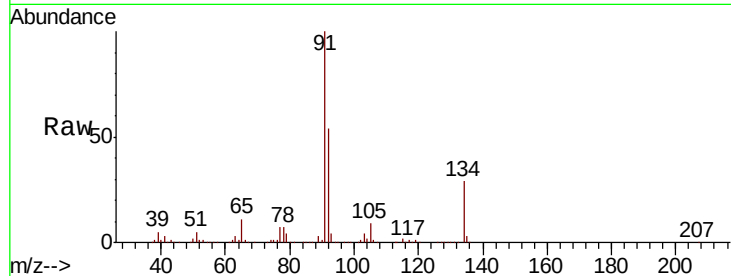




#89
n-Butylbenzene
Concen: 45.010 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

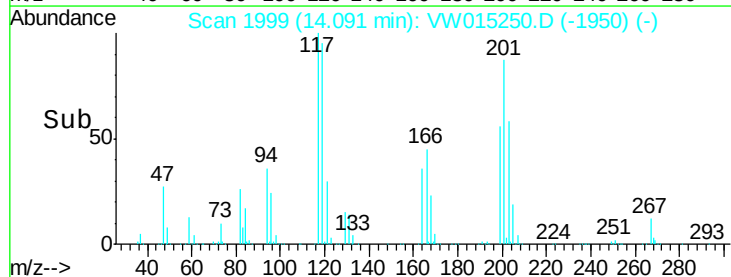
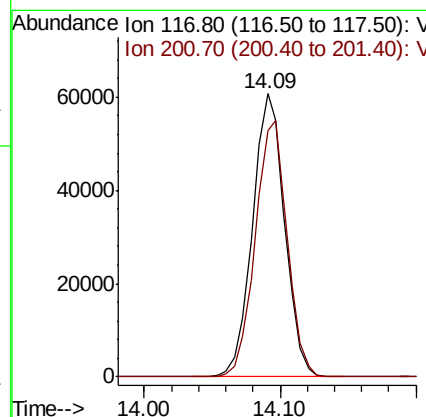
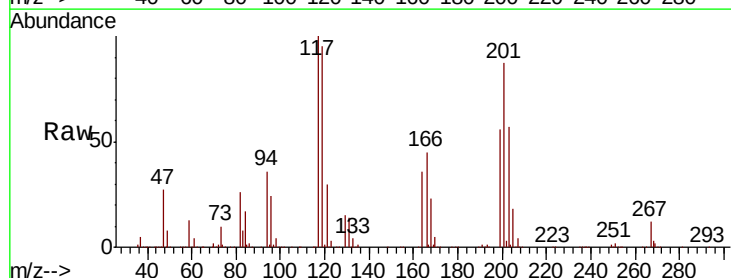
Instrument :
MSVOA_W
ClientSampled :

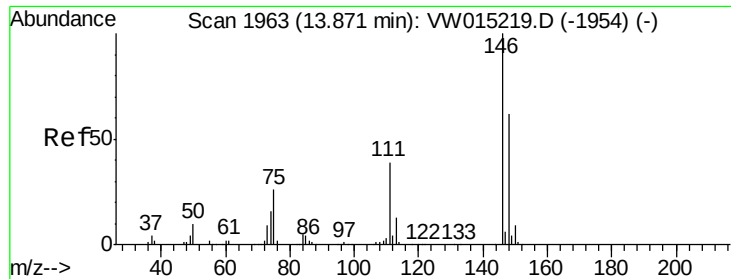
Tot Ion: 91 Resp: 491848
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.7
134 29.0 12.8 38.3



#90
Hexachloroethane
Concen: 45.792 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion: 117 Resp: 100400
Ion Ratio Lower Upper
117 100
201 90.1 33.6 100.6

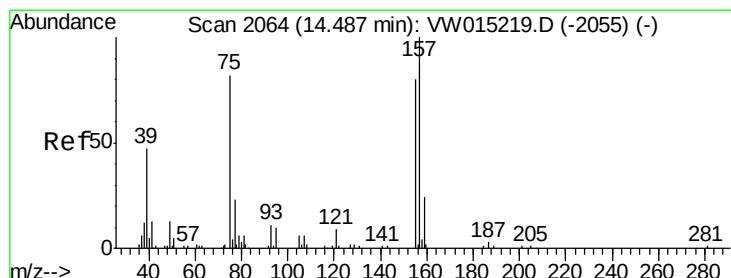
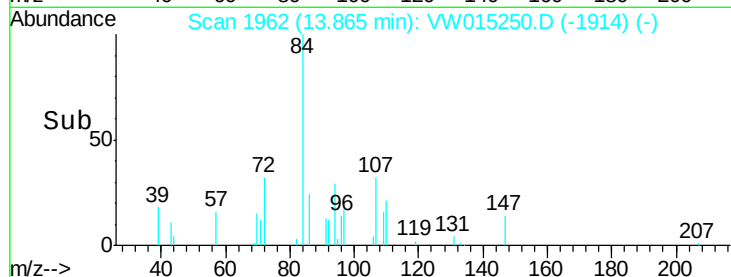
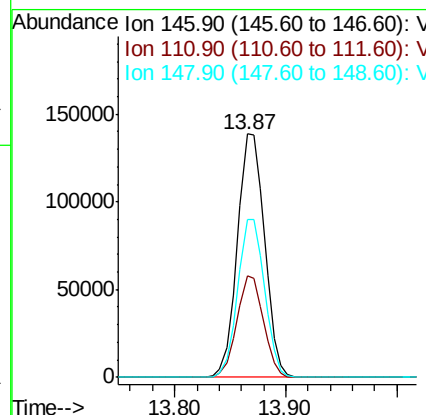
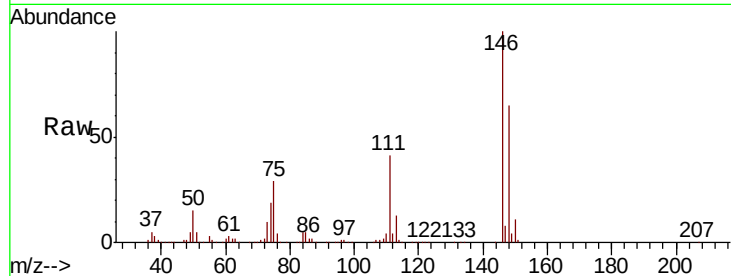




#91
 1,2-Dichlorobenzene
 Concen: 47.732 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

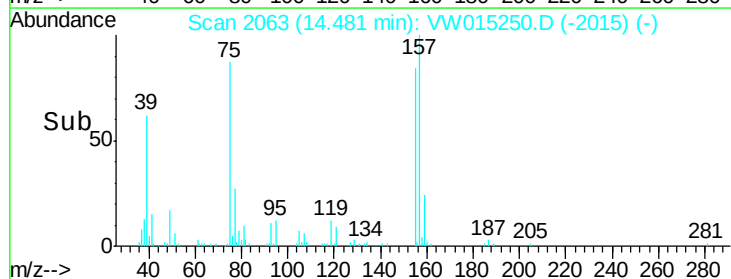
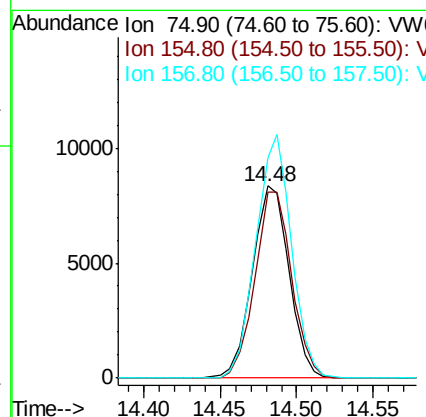
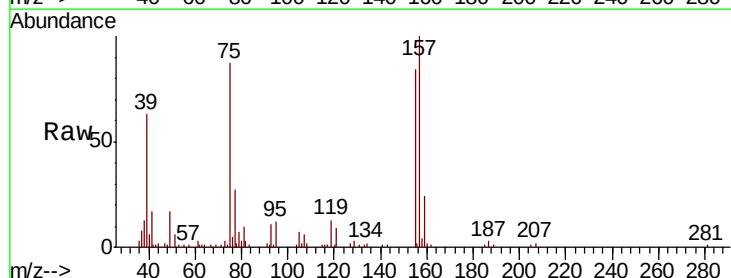
Instrument :
 MSVOA_W
 ClientSampleId :

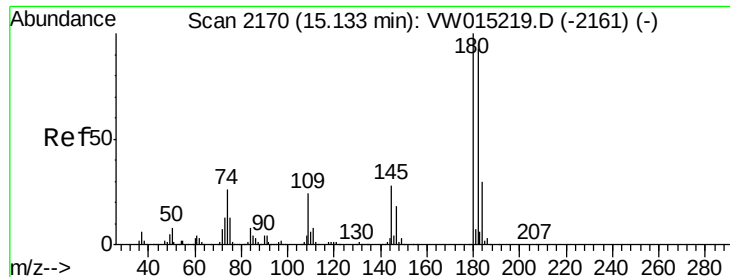
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.6	65.0
148	64.1	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.074 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	41.6	124.9
157	122.6	53.8	161.2

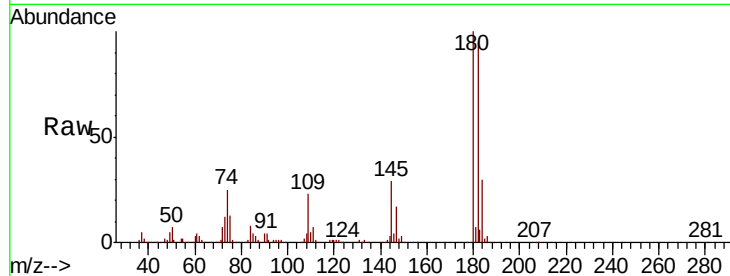




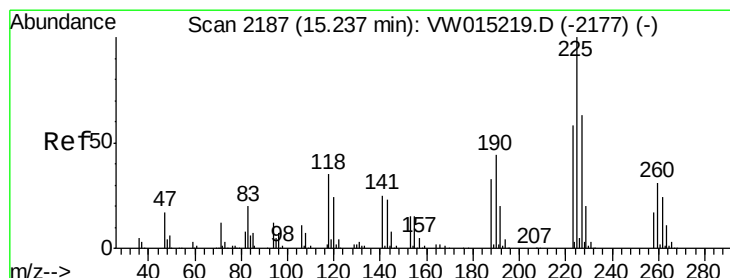
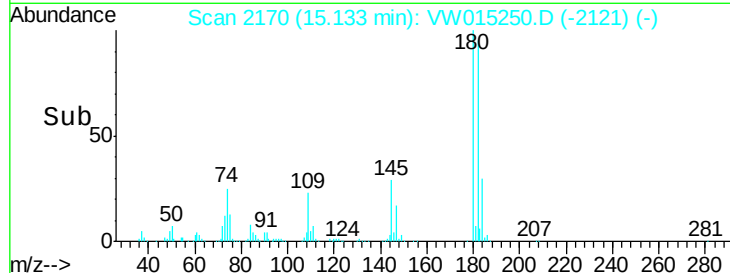
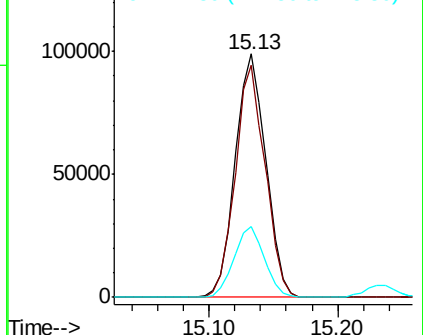
#93
 1,2,4-Trichlorobenzene
 Concen: 47.814 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 163134
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.1 141.4
 145 29.0 16.2 48.6

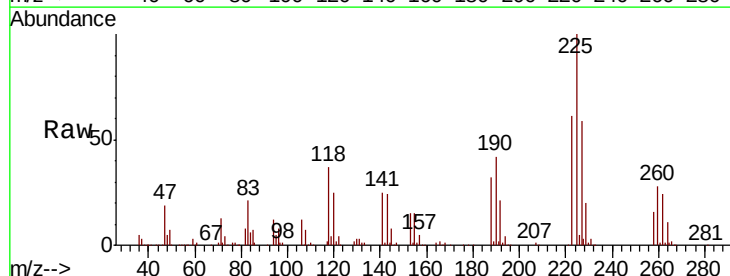


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

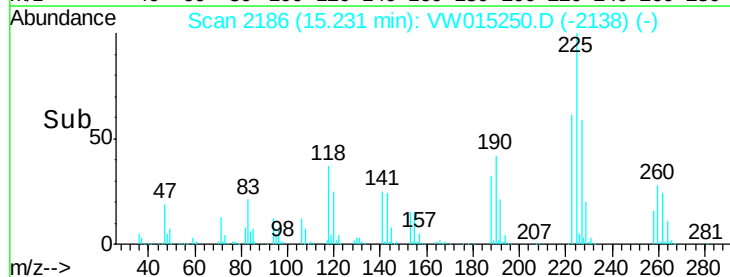
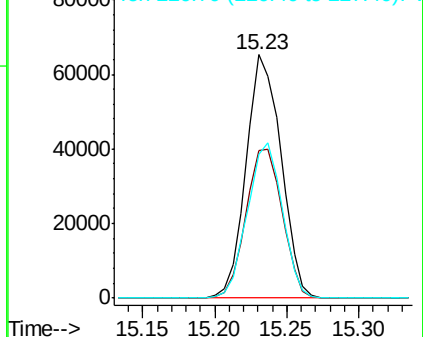


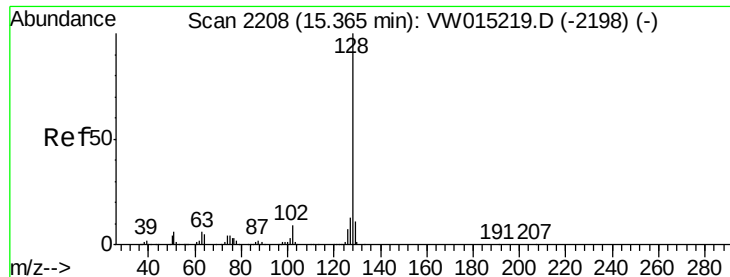
#94
 Hexachlorobutadiene
 Concen: 48.051 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015250.D
 Acq: 21 Apr 2020 09:45

Tgt Ion:225 Resp: 109301
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.0 93.0
 227 63.8 30.8 92.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

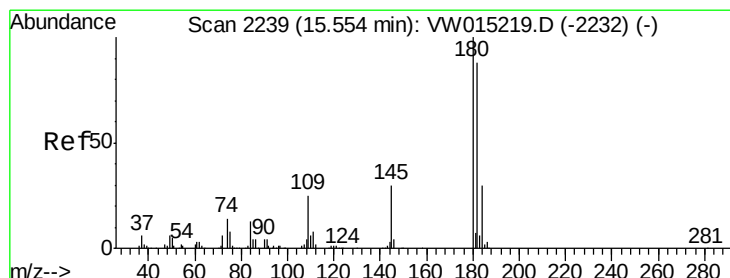
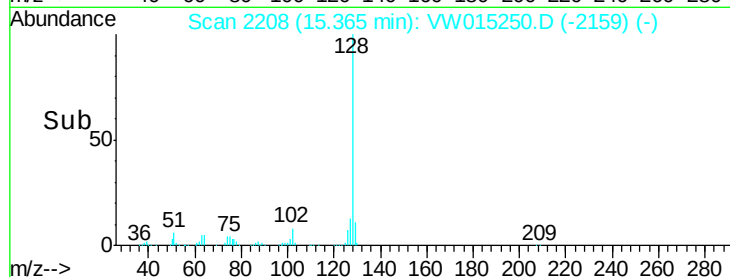
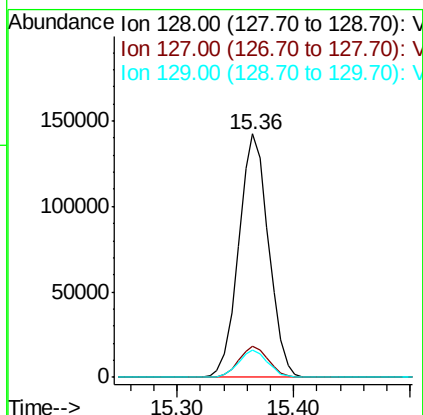
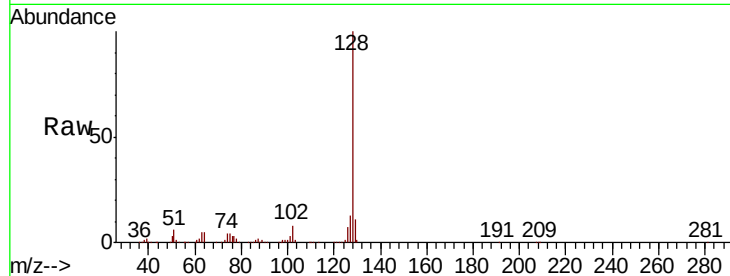




#95
Naphthalene
Concen: 46.412 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 47.775 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW015250.D
Acq: 21 Apr 2020 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.8	146.3
145	30.3	17.2	51.6

