

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV123020\
 Data File : VW017776.D
 Acq On : 30 Dec 2020 11:31
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Dec 30 12:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 12:27:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296849	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	154233	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136304	27.81	ug/L	0.00
7) Chloroethane-d5	2.89	69	116952	27.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.03	63	228800	26.17	ug/L	0.00
21) 2-Butanone-d5	7.08	46	62586	56.73	ug/L	0.00
24) Chloroform-d	7.65	84	224015	25.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	126683	26.10	ug/L	0.00
32) Benzene-d6	8.27	84	426974	25.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	121579	24.98	ug/L	0.00
41) Toluene-d8	10.32	98	416371	25.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	60290	25.50	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	46997	58.32	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	121098	27.93	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	148691	27.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	89278	24.317 ug/L	100
3) Chloromethane	2.21	50	79366	24.676 ug/L	100
5) Vinyl chloride	2.37	62	140274	26.289 ug/L	100
6) Bromomethane	2.78	94	119087	25.927 ug/L	100
8) Chloroethane	2.92	64	93372	26.537 ug/L	100
9) Trichlorofluoromethane	3.26	101	97318	25.866 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	106960	25.968 ug/L	100
12) 1,1-Dichloroethene	4.05	96	102894	26.231 ug/L	100
13) Acetone	4.12	43	40706	51.775 ug/L	100
14) Carbon disulfide	4.39	76	311195	25.742 ug/L	100
15) Methyl Acetate	4.67	43	51347	27.570 ug/L	100
16) Methylene chloride	4.92	84	110107	22.373 ug/L	100
17) trans-1,2-Dichloroethene	5.43	96	109093	25.006 ug/L	100
18) Methyl tert-butyl Ether	5.43	73	140276	24.827 ug/L	100
19) 1,1-Dichloroethane	6.21	63	195610	25.521 ug/L	100
20) cis-1,2-Dichloroethene	7.17	96	117498	25.113 ug/L	100
22) 2-Butanone	7.17	43	68820	55.919 ug/L	100
23) Bromochloromethane	7.51	128	53321	25.161 ug/L	100
25) Chloroform	7.68	83	204643	25.305 ug/L	100
27) 1,2-Dichloroethane	8.40	62	146639	25.927 ug/L	100
29) Cyclohexane	7.96	56	183551	25.407 ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	171919	24.778 ug/L	100
31) Carbon tetrachloride	8.07	117	165025	24.886 ug/L	100
33) Benzene	8.32	78	441451	24.933 ug/L	100
34) Trichloroethene	9.09	95	120425	25.067 ug/L	100
35) Methylcyclohexane	9.34	83	212078	25.730 ug/L	100
37) 1,2-Dichloropropane	9.37	63	107525	25.009 ug/L	100
38) Bromodichloromethane	9.65	83	151233	25.028 ug/L	100
39) cis-1,3-Dichloropropene	10.07	75	176187	25.134 ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	150114	56.288 ug/L	100

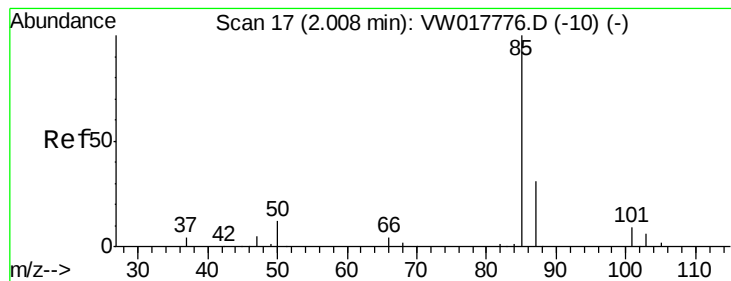
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
 Data File : VW017776.D
 Acq On : 30 Dec 2020 11:31
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Dec 30 12:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 12:27:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	505333	25.286	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	163006	25.725	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	88015	25.462	ug/L	100
46) Tetrachloroethene	10.86	164	93623	25.348	ug/L	100
48) 2-Hexanone	10.97	43	106505	57.733	ug/L	100
49) Dibromochloromethane	11.13	129	103256	25.228	ug/L	100
50) 1,2-Dibromoethane	11.23	107	88630	26.167	ug/L	100
51) Chlorobenzene	11.66	112	315282	25.010	ug/L	100
52) Ethylbenzene	11.73	91	585195	25.785	ug/L	100
53) m,p-Xylene	11.84	106	223537	25.631	ug/L	100
54) o-Xylene	12.16	106	212925	25.552	ug/L	100
55) Styrene	12.18	104	360542	25.418	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	116401	27.650	ug/L	100
59) Bromoform	12.35	173	60493	27.022	ug/L	100
60) Isopropylbenzene	12.46	105	584729	26.026	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	88096	27.883	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	473277	25.881	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	490923	26.419	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	255871	26.249	ug/L	100
65) 1,4-Dichlorobenzene	13.58	146	247442	25.613	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	226980	25.662	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.48	75	20701	28.531	ug/L	100
69) 1,3,5-Trichlorobenzene	14.63	180	176724	26.632	ug/L	100
70) 1,2,4-trichlorobenzene	15.13	180	149302	26.076	ug/L	100
71) Naphthalene	15.36	128	344502	27.768	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	124644	24.887	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 24.317 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

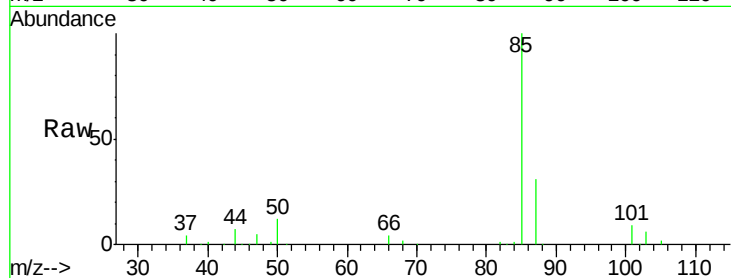
VSTD02505

Tgt Ion: 85 Resp: 89278

Ion Ratio Lower Upper

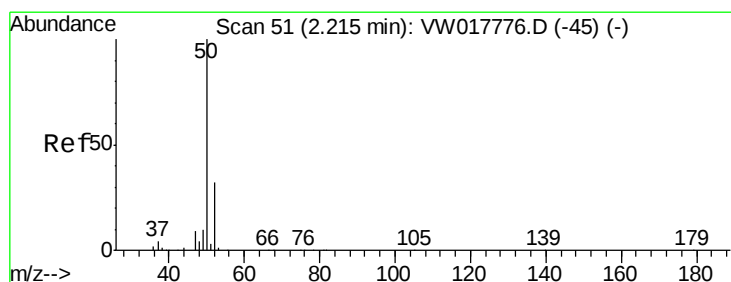
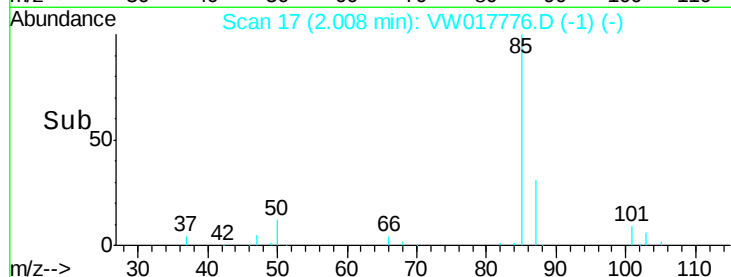
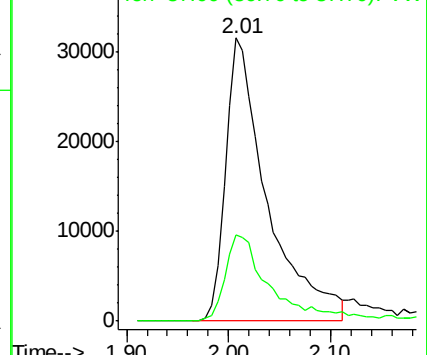
85 100

87 29.1 23.3 34.9



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 24.676 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW017776.D

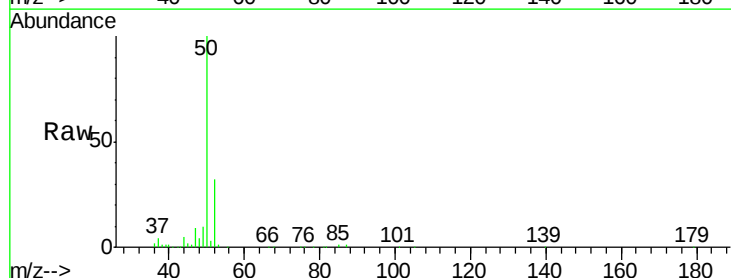
Acq: 30 Dec 2020 11:31

Tgt Ion: 50 Resp: 79366

Ion Ratio Lower Upper

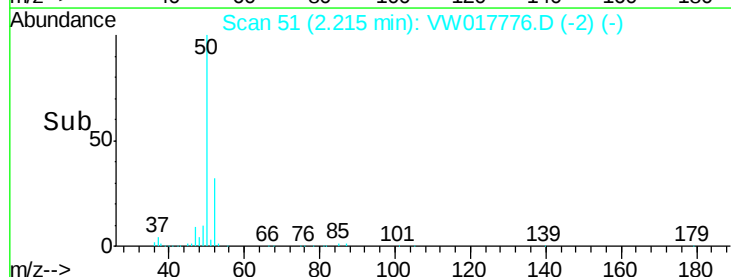
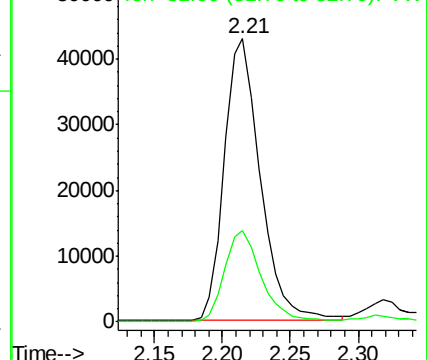
50 100

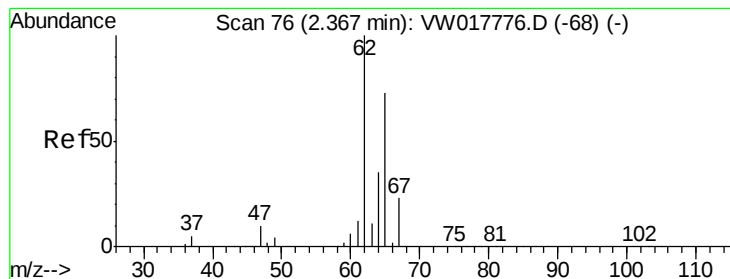
52 32.2 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.289 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

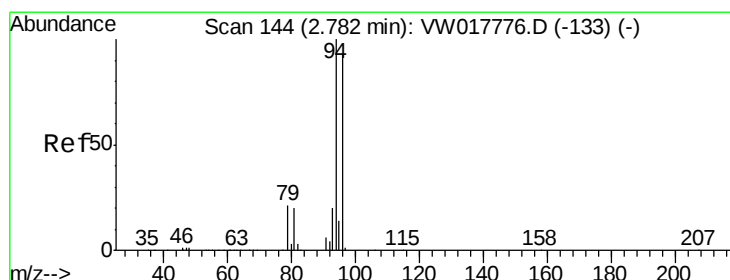
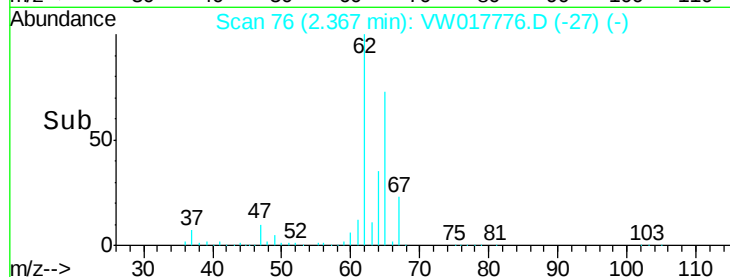
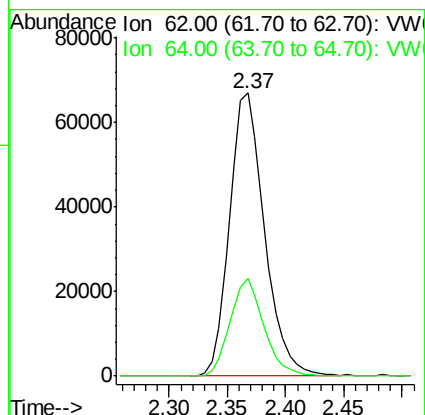
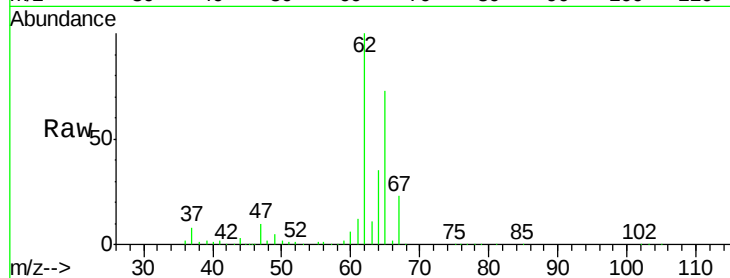
VSTD02505

Tgt Ion: 62 Resp: 140274

Ion Ratio Lower Upper

62 100

64 34.6 24.2 45.0



#6

Bromomethane

Concen: 25.927 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW017776.D

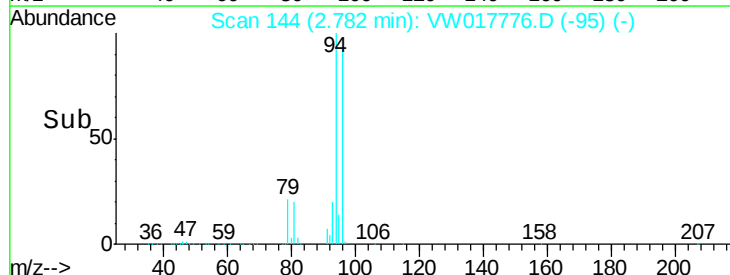
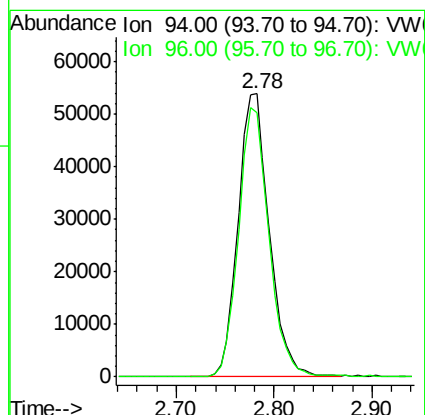
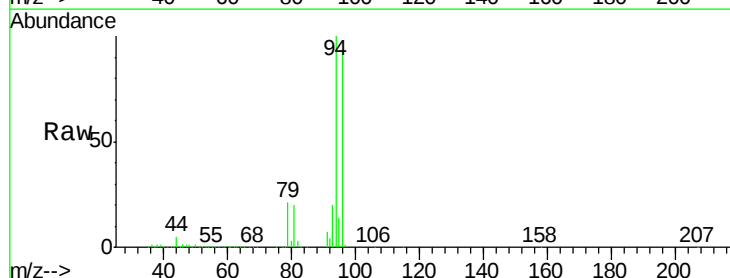
Acq: 30 Dec 2020 11:31

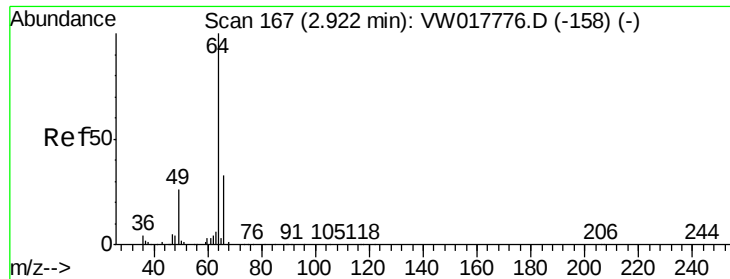
Tgt Ion: 94 Resp: 119087

Ion Ratio Lower Upper

94 100

96 93.3 65.3 121.3





#8

Chloroethane

Concen: 26.537 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

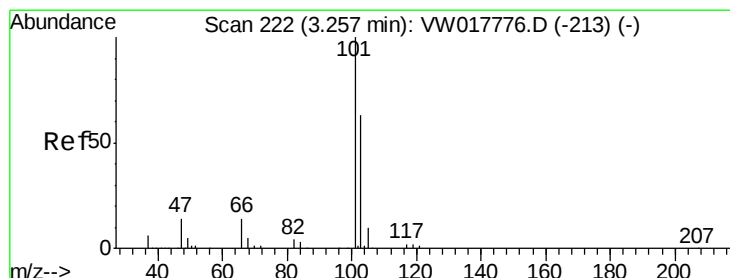
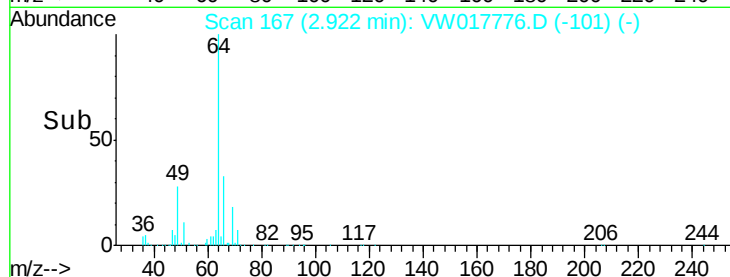
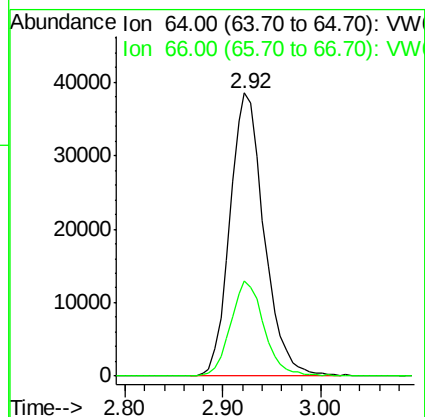
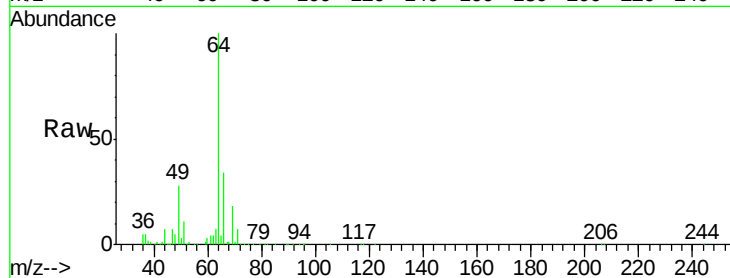
VSTD02505

Tgt Ion: 64 Resp: 93372

Ion Ratio Lower Upper

64 100

66 33.5 23.4 43.6



#9

Trichlorofluoromethane

Concen: 25.866 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW017776.D

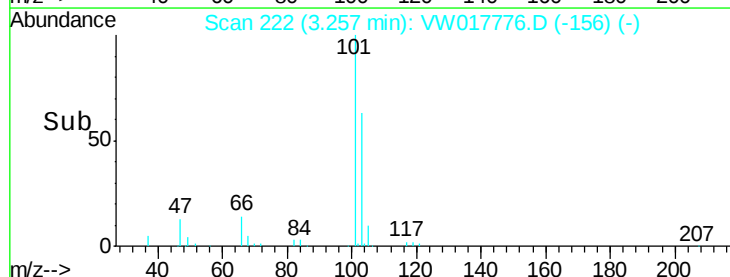
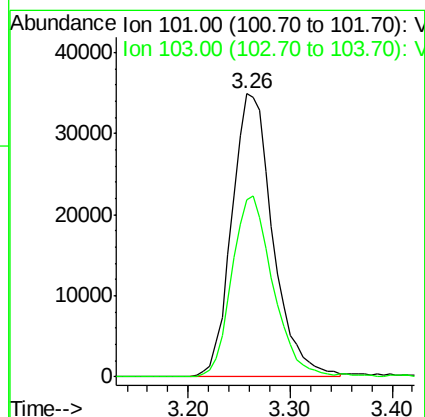
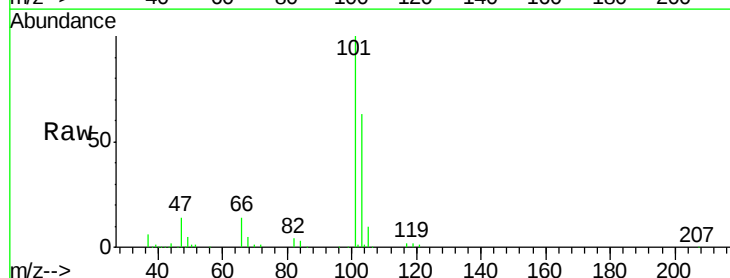
Acq: 30 Dec 2020 11:31

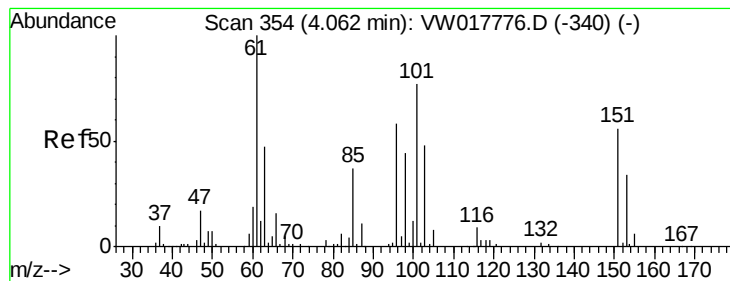
Tgt Ion: 101 Resp: 97318

Ion Ratio Lower Upper

101 100

103 63.7 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.968 ug/L

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

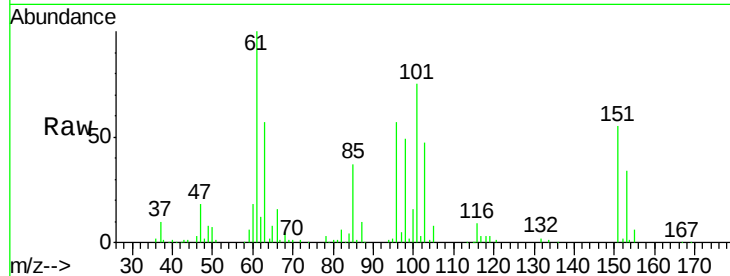
Tgt Ion: 101 Resp: 106960

Ion Ratio Lower Upper

101 100

85 47.7 38.2 57.2

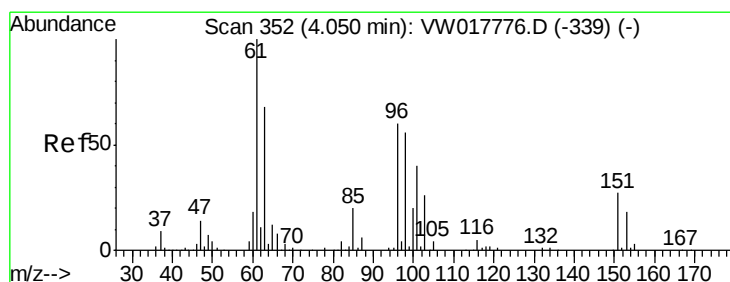
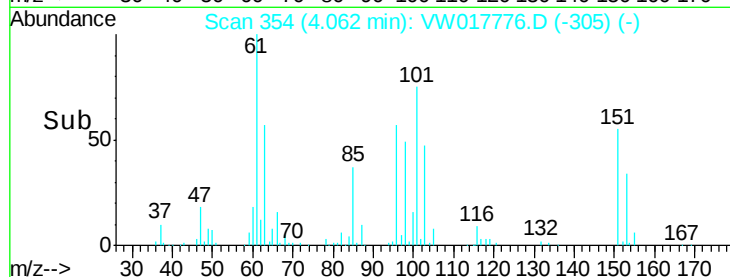
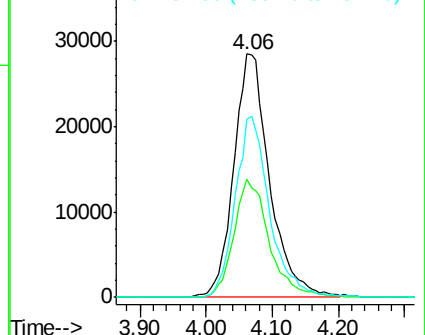
151 70.8 56.6 85.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 26.231 ug/L

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

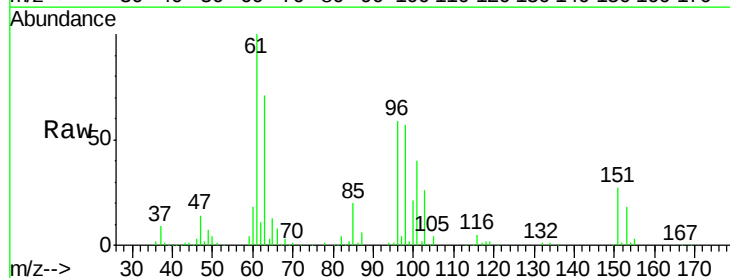
Tgt Ion: 96 Resp: 102894

Ion Ratio Lower Upper

96 100

61 168.7 118.1 219.3

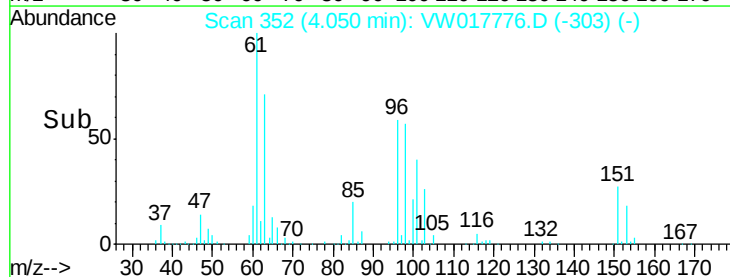
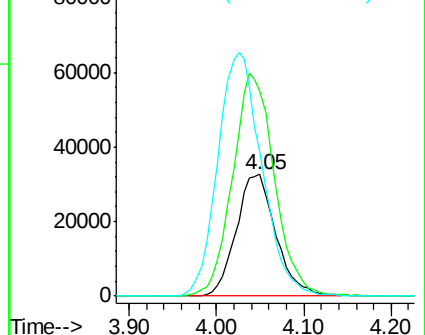
63 119.6 83.7 155.5

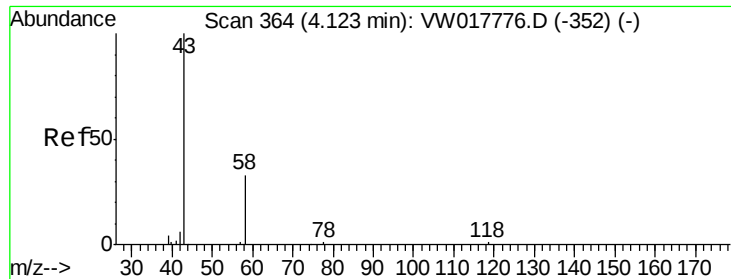


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 51.775 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

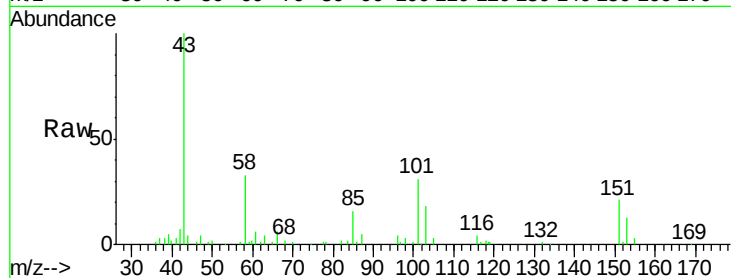
VSTD02505

Tgt Ion: 43 Resp: 40706

Ion Ratio Lower Upper

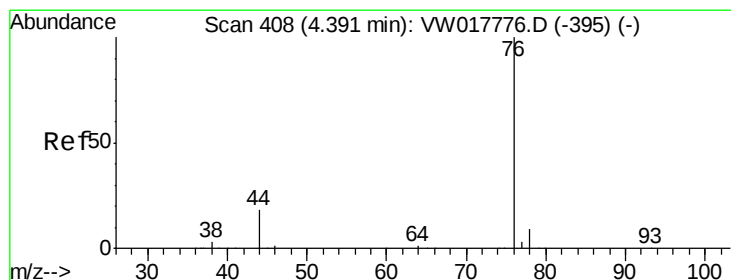
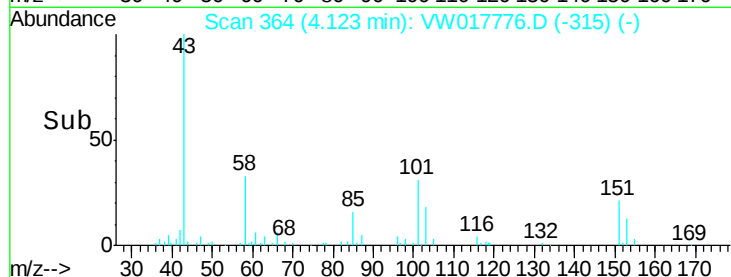
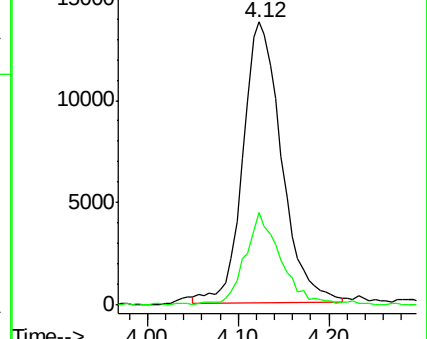
43 100

58 26.9 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.742 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017776.D

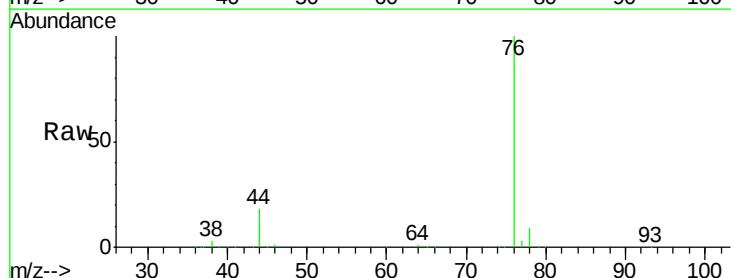
Acq: 30 Dec 2020 11:31

Tgt Ion: 76 Resp: 311195

Ion Ratio Lower Upper

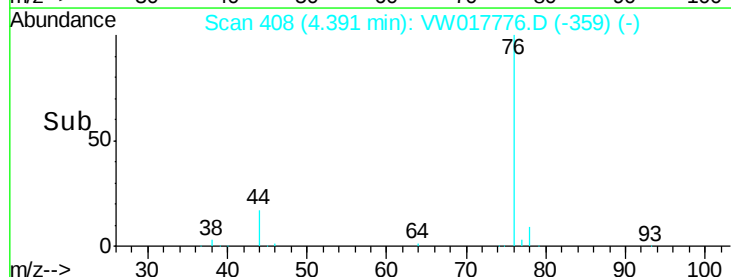
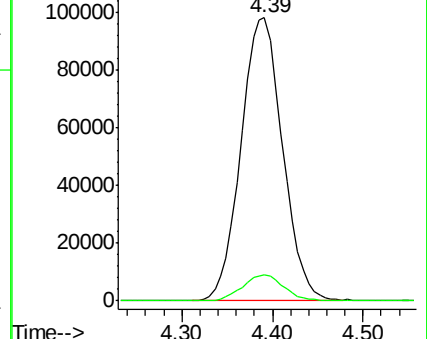
76 100

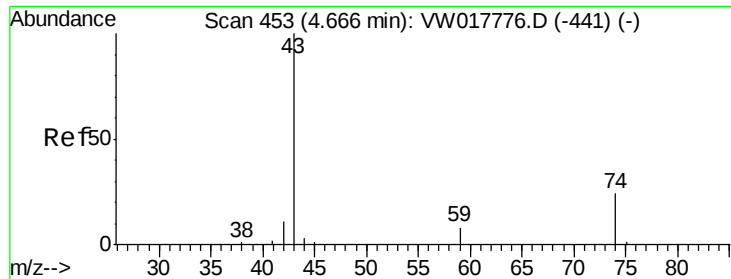
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

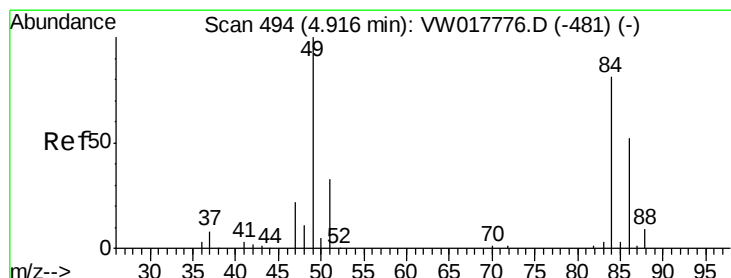
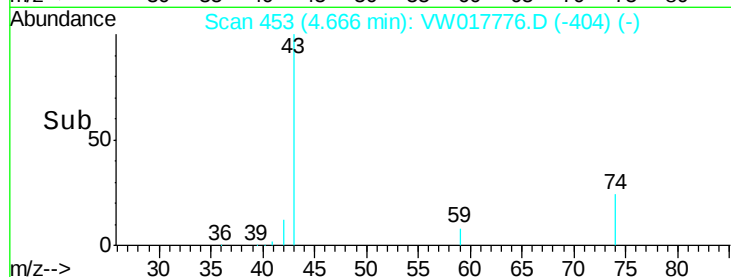
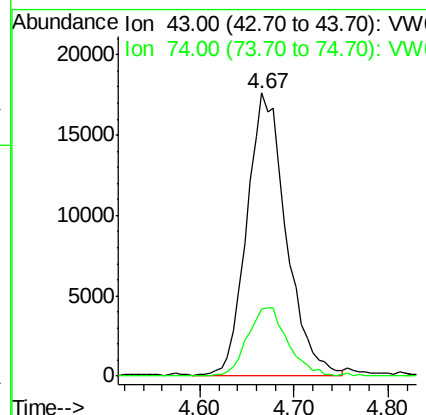
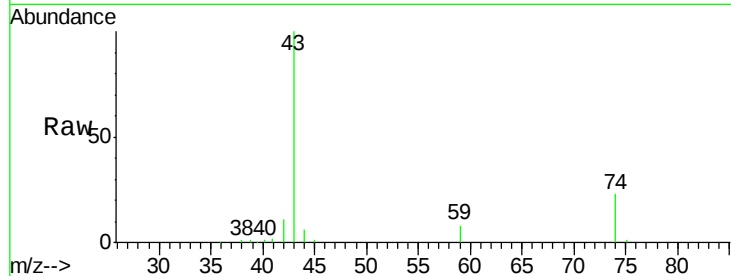




#15
Methyl Acetate
Concen: 27.570 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

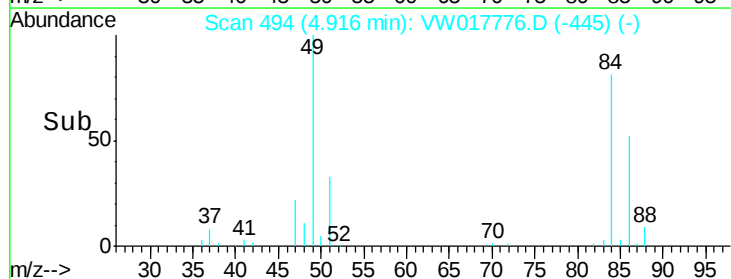
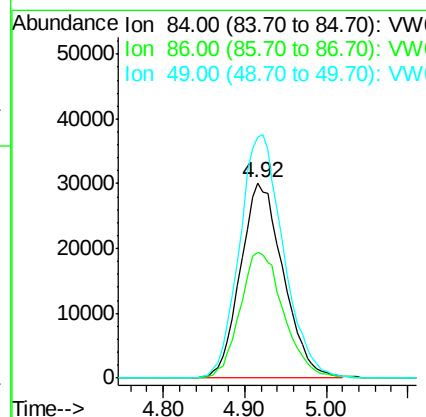
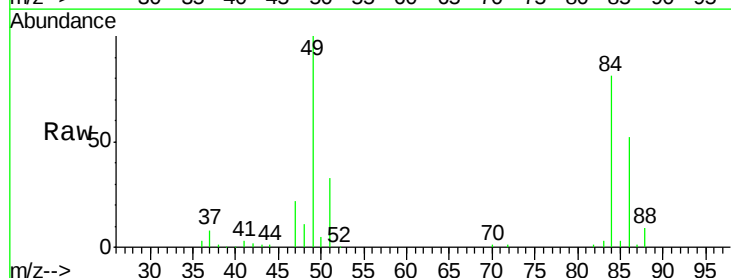
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

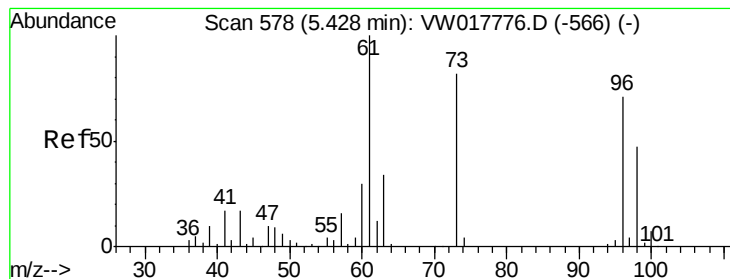
Tgt Ion: 43 Resp: 51347
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 22.373 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion: 84 Resp: 110107
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 123.7 86.6 160.8





#17

trans-1,2-Dichloroethene

Concen: 25.006 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

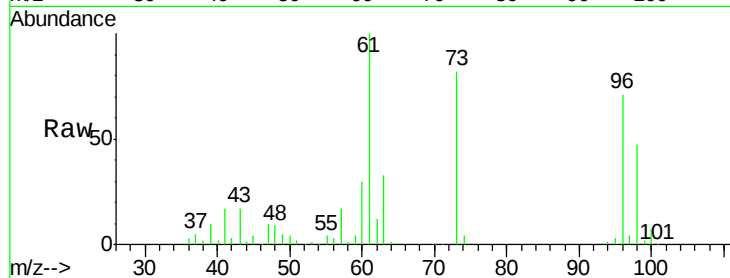
Tgt Ion: 96 Resp: 109093

Ion Ratio Lower Upper

96 100

61 140.5 98.3 182.7

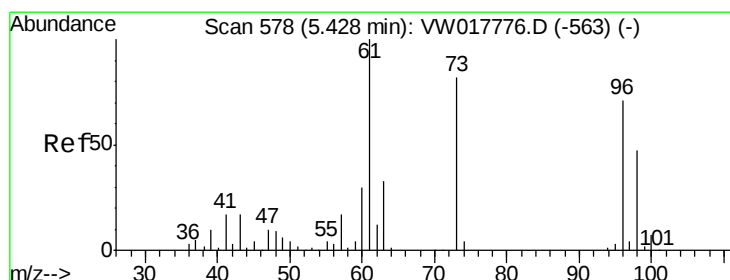
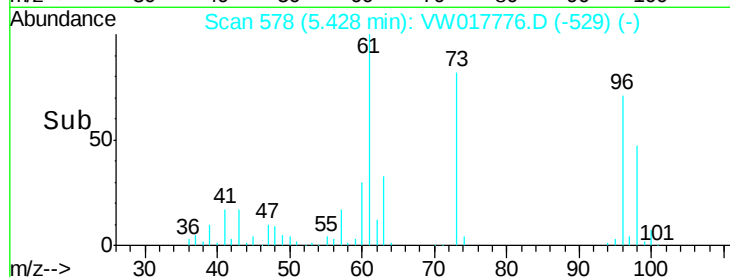
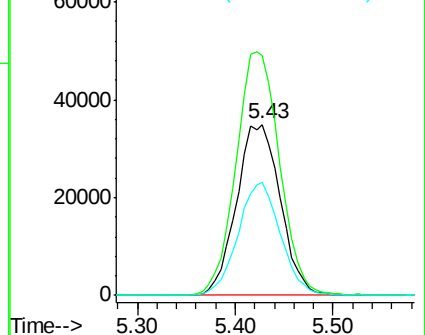
98 65.9 46.1 85.7



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#18

Methyl tert-butyl Ether

Concen: 24.827 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

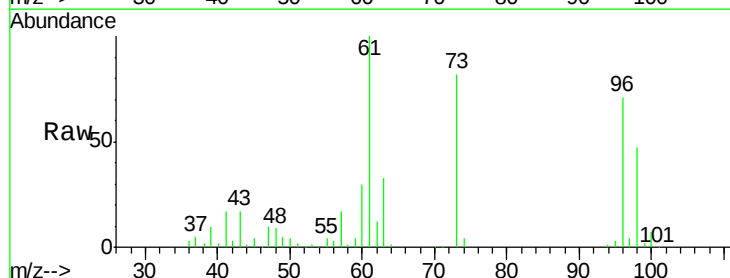
Tgt Ion: 73 Resp: 140276

Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

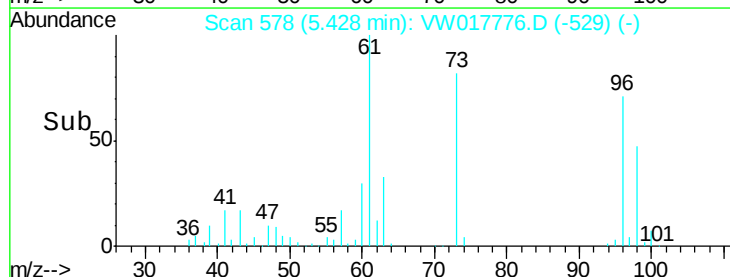
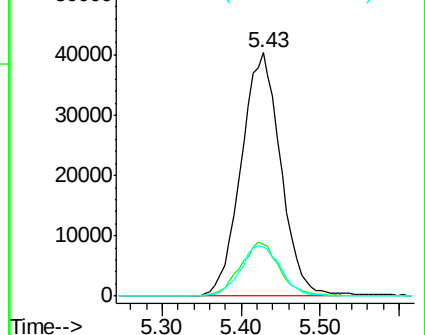
57 21.2 17.0 25.4

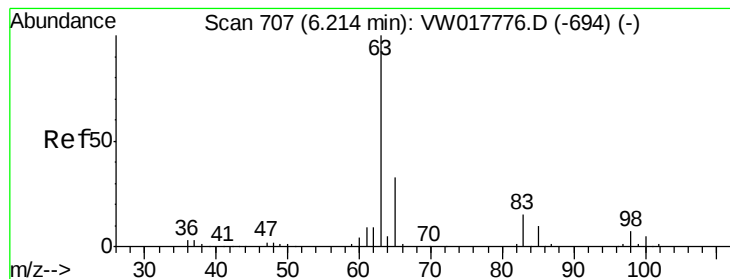


Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 57.00 (56.70 to 57.70): VW





#19

1,1-Dichloroethane

Concen: 25.521 ug/L

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

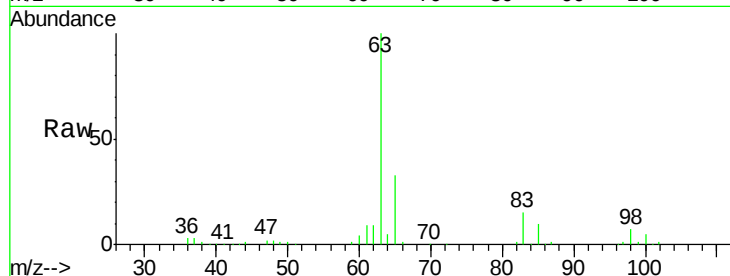
Tgt Ion: 63 Resp: 195610

Ion Ratio Lower Upper

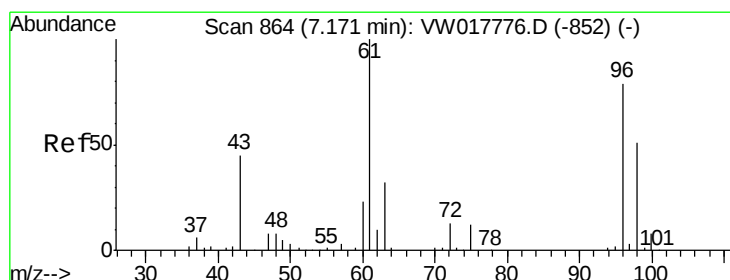
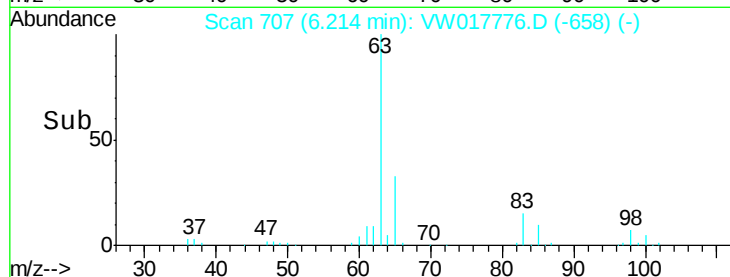
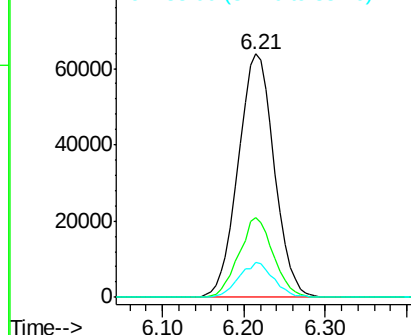
63 100

65 32.7 22.9 42.5

83 14.6 10.2 19.0



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#20

cis-1,2-Dichloroethene

Concen: 25.113 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

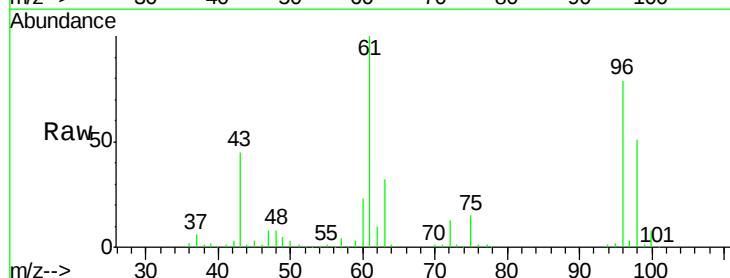
Tgt Ion: 96 Resp: 117498

Ion Ratio Lower Upper

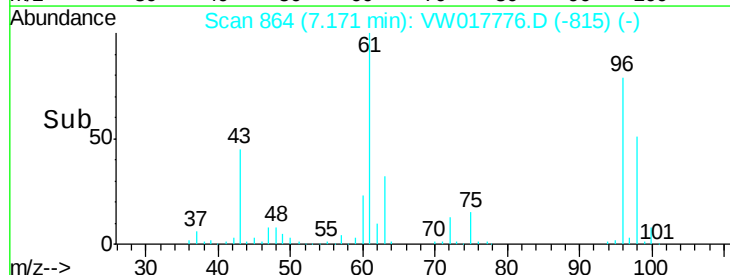
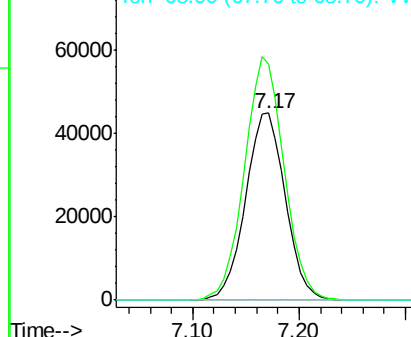
96 100

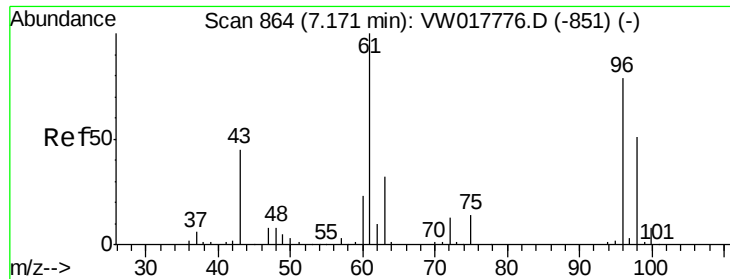
61 126.4 88.5 164.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 68.00 (67.70 to 68.70): VW





#22

2-Butanone

Concen: 55.919 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

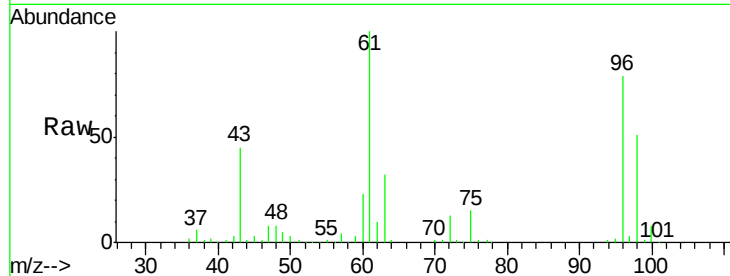
VSTD02505

Tgt Ion: 43 Resp: 68820

Ion Ratio Lower Upper

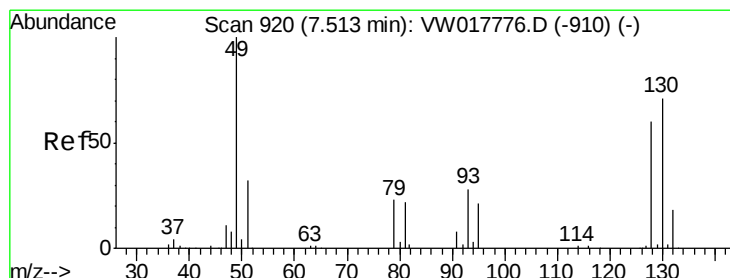
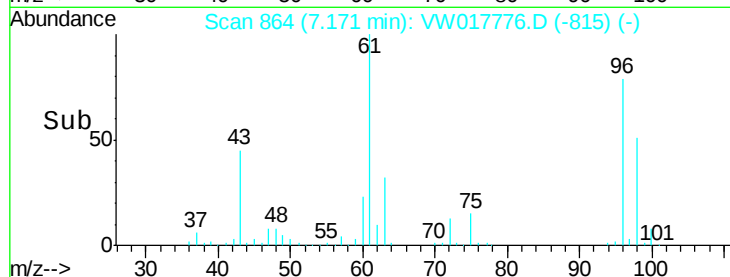
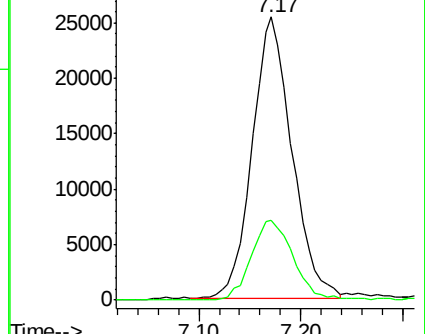
43 100

72 29.8 14.9 44.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#23

Bromochloromethane

Concen: 25.161 ug/L

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Tgt Ion: 128 Resp: 53321

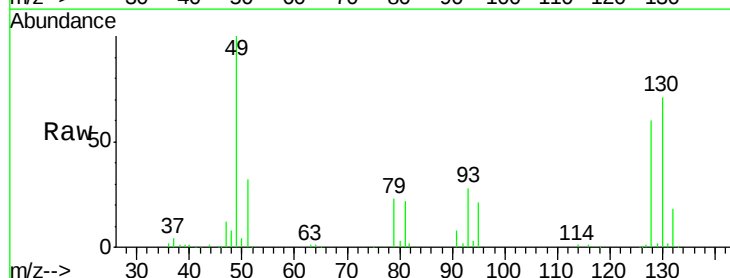
Ion Ratio Lower Upper

128 100

49 166.1 116.3 215.9

130 117.7 82.4 153.0

51 53.3 42.6 64.0

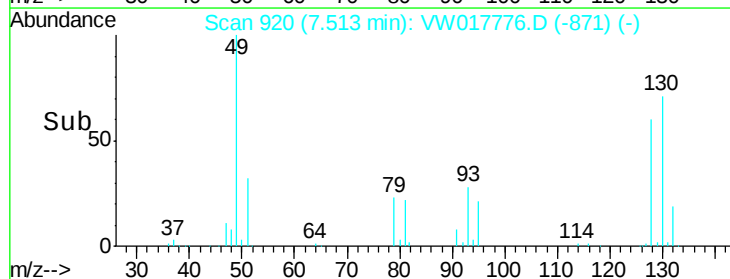
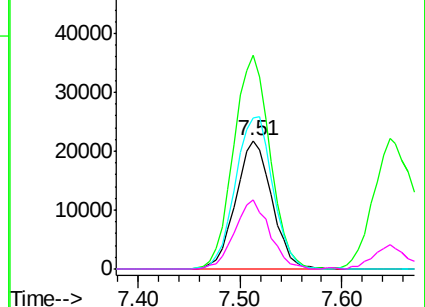


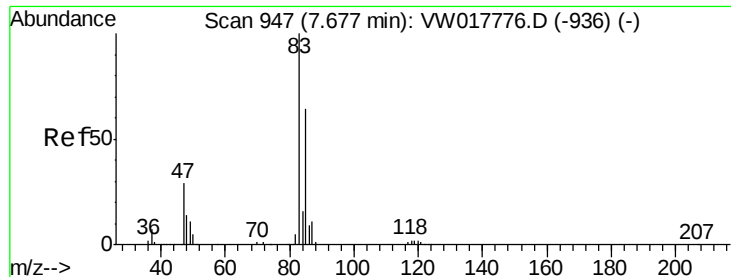
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW

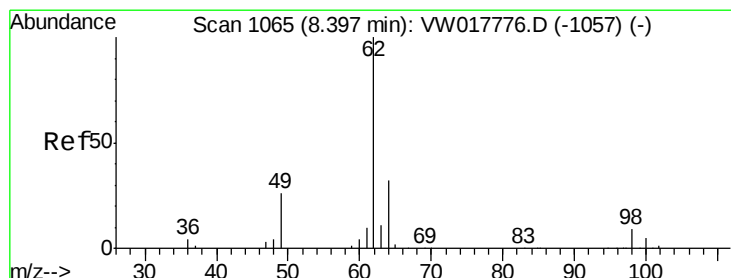
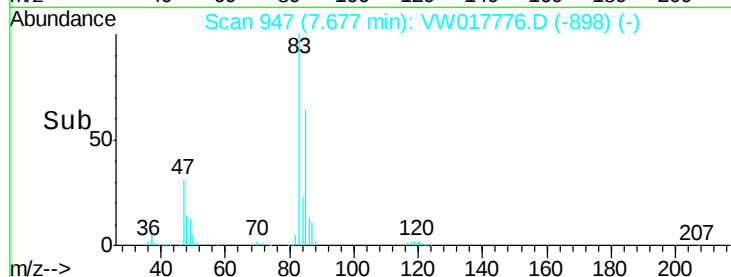
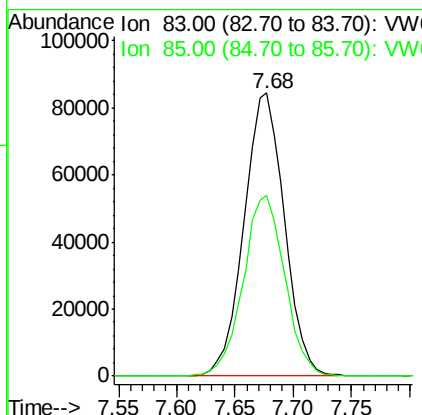
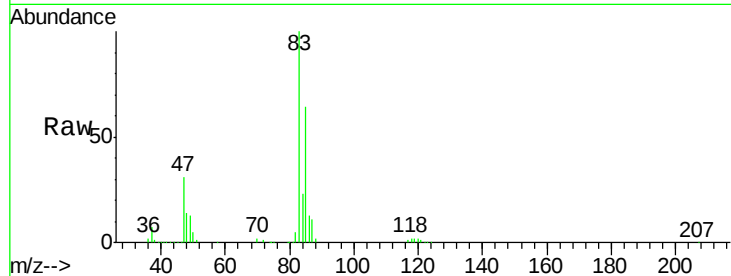




#25
Chloroform
Concen: 25.305 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

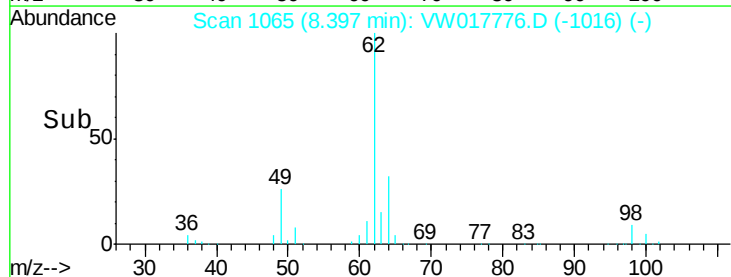
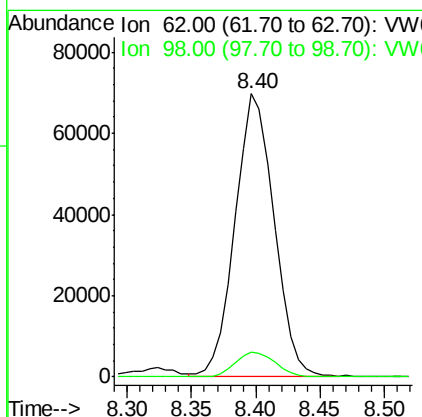
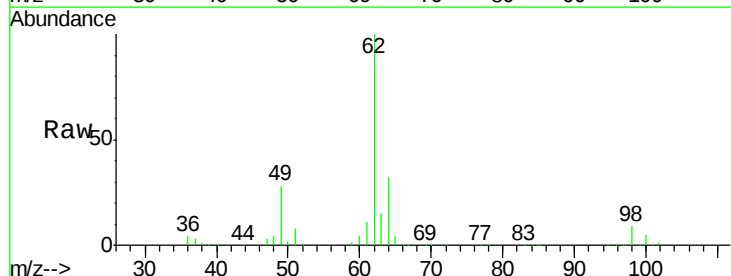
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

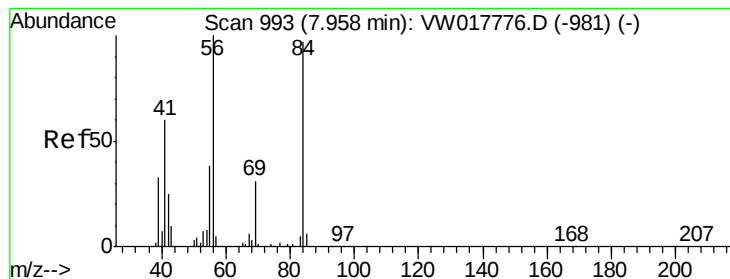
Tgt Ion: 83 Resp: 204643
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 25.927 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion: 62 Resp: 146639
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 25.407 ug/L

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

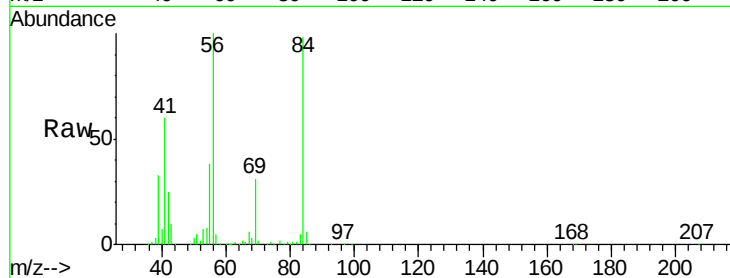
Tgt Ion: 56 Resp: 183551

Ion Ratio Lower Upper

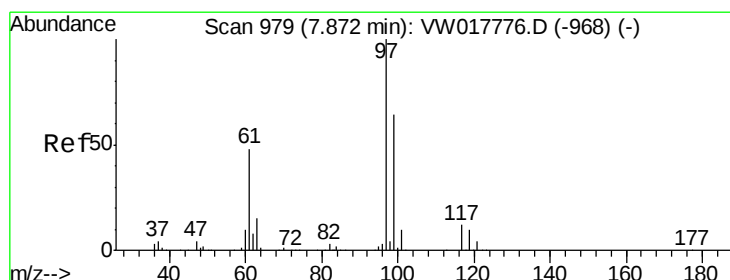
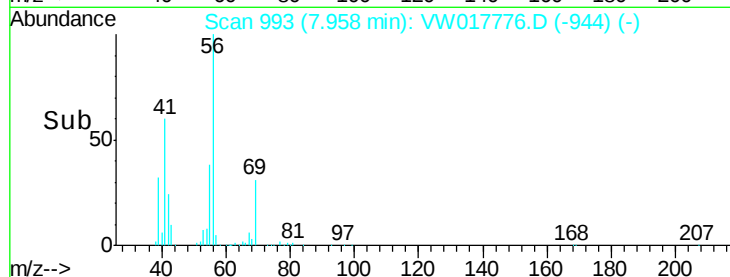
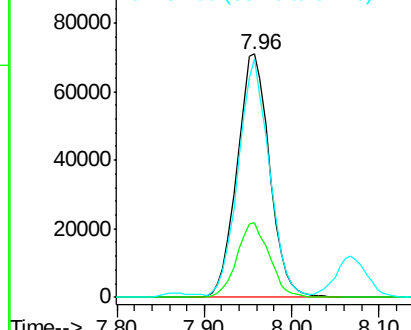
56 100

69 30.6 24.5 36.7

84 93.7 75.0 112.4



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



#30

1,1,1-Trichloroethane

Concen: 24.778 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

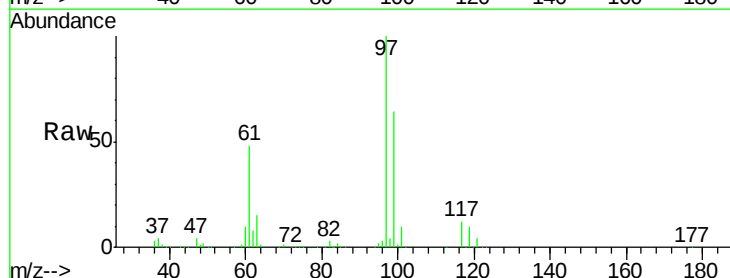
Tgt Ion: 97 Resp: 171919

Ion Ratio Lower Upper

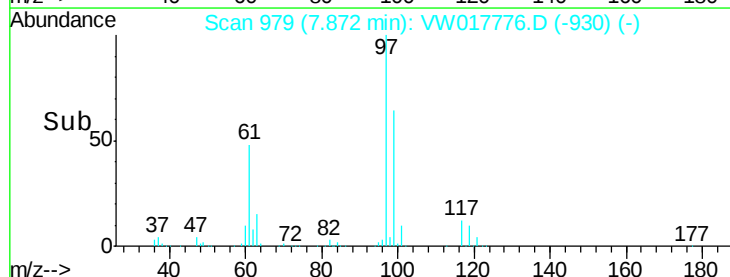
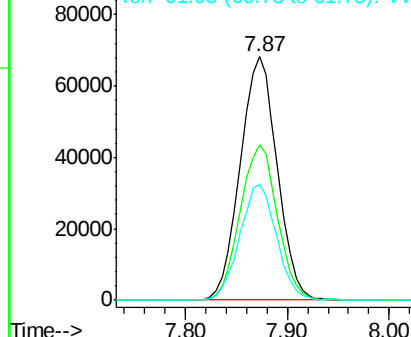
97 100

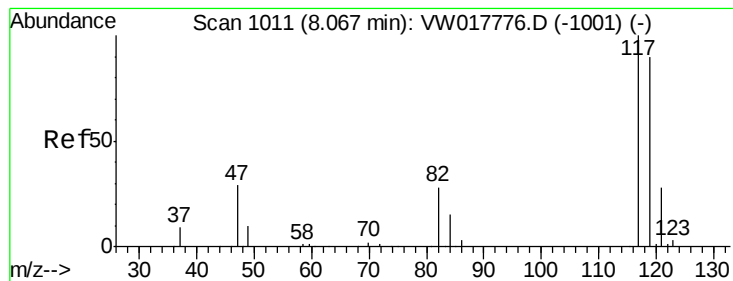
99 64.3 51.4 77.2

61 47.2 37.8 56.6



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.05 (60.75 to 61.75): VW





#31

Carbon tetrachloride

Concen: 24.886 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

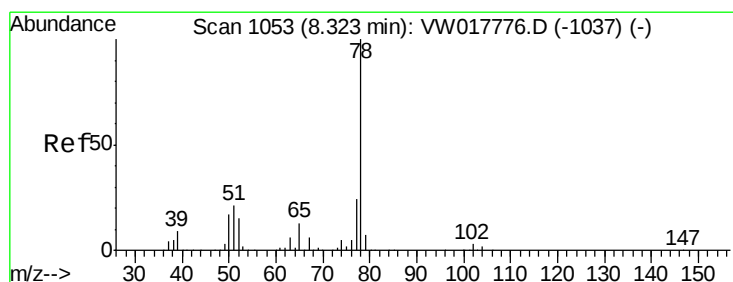
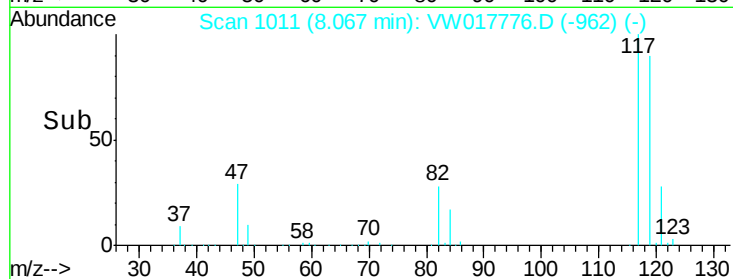
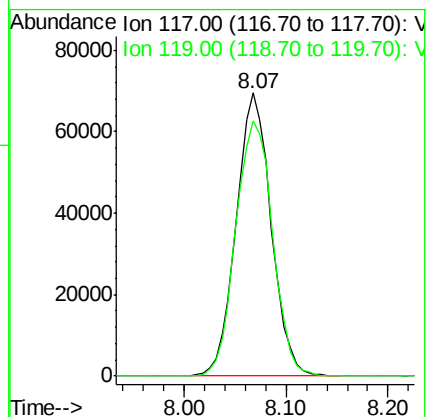
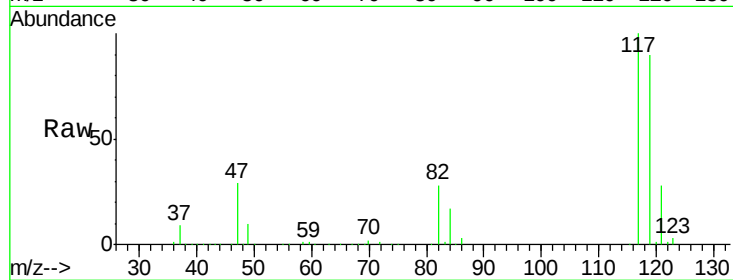
VSTD02505

Tgt Ion:117 Resp: 165025

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7



#33

Benzene

Concen: 24.933 ug/L

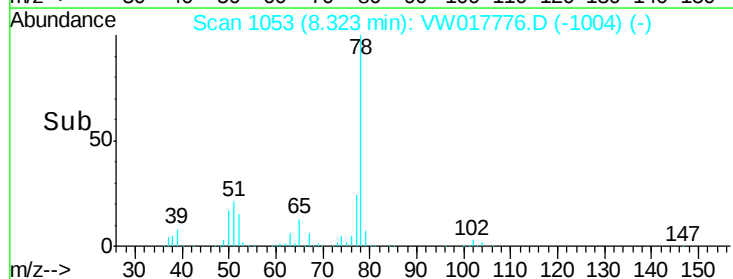
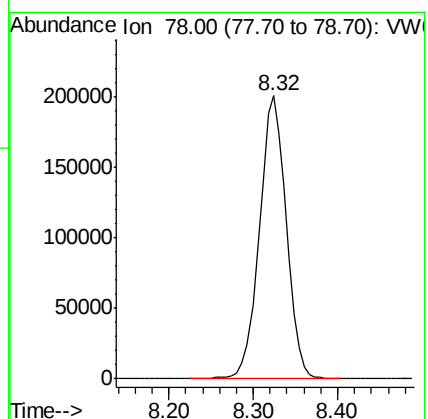
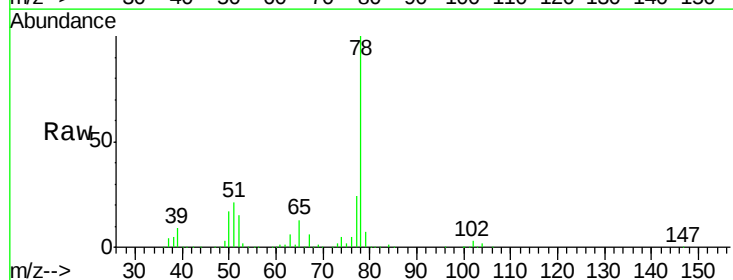
RT: 8.32 min Scan# 1053

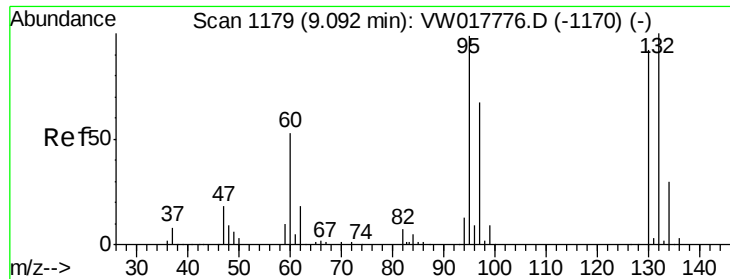
Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Tgt Ion: 78 Resp: 441451





#34

Trichloroethene

Concen: 25.067 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

Tgt Ion: 95 Resp: 120425

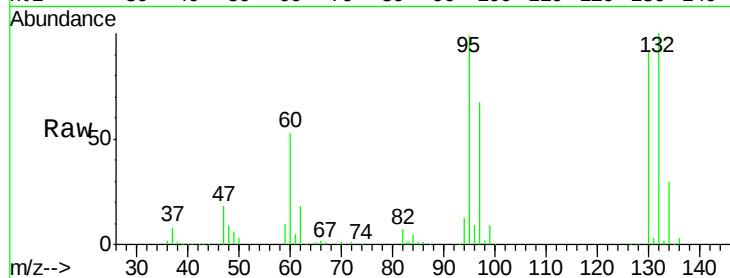
Ion Ratio Lower Upper

95 100

97 67.5 47.3 87.8

132 101.4 71.0 131.8

130 93.0 65.1 120.9

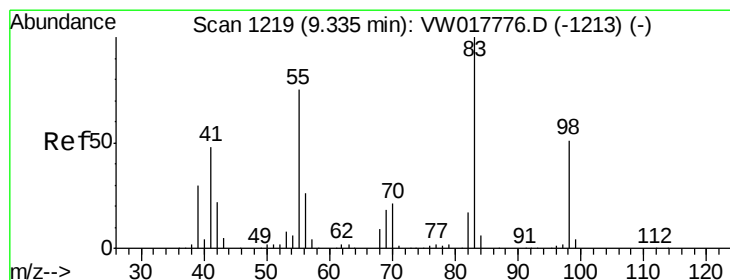
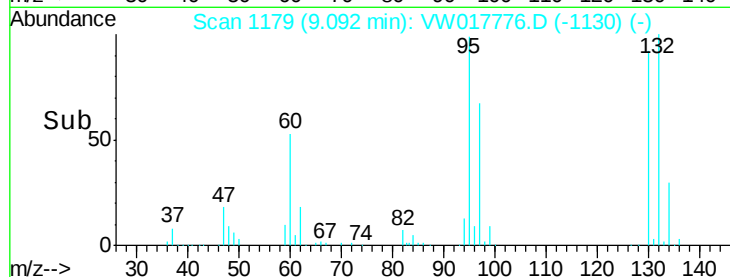
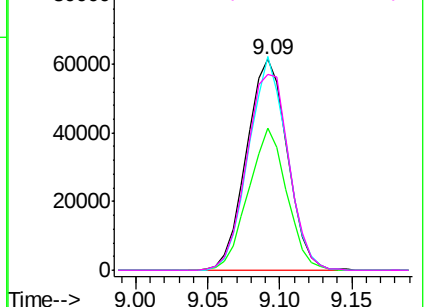


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 25.730 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

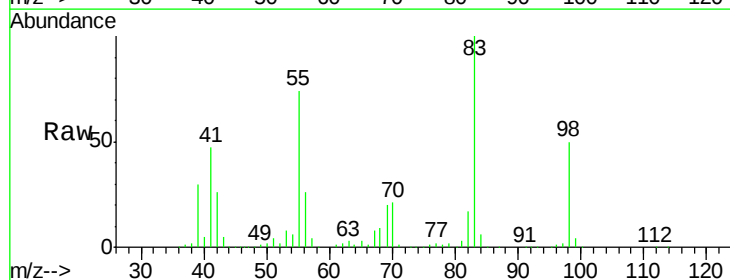
Tgt Ion: 83 Resp: 212078

Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

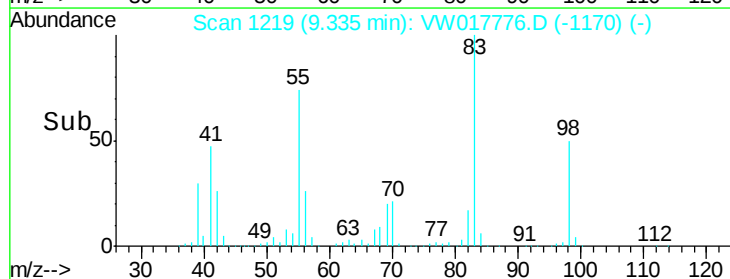
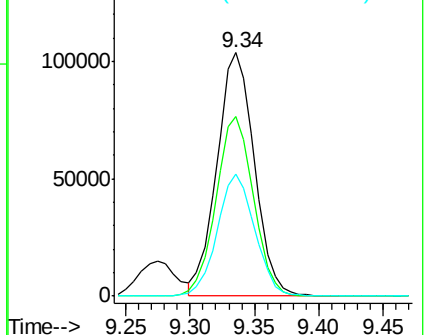
98 50.1 40.1 60.1

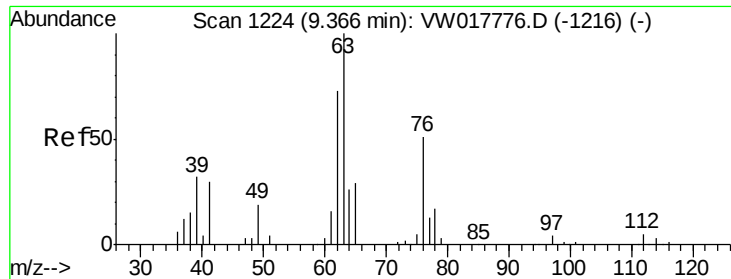


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

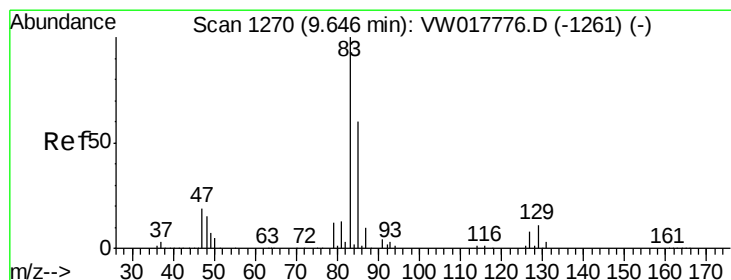
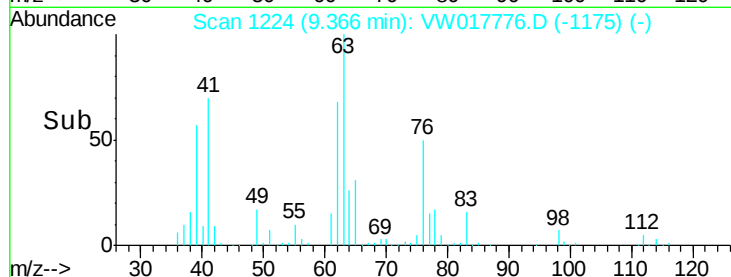
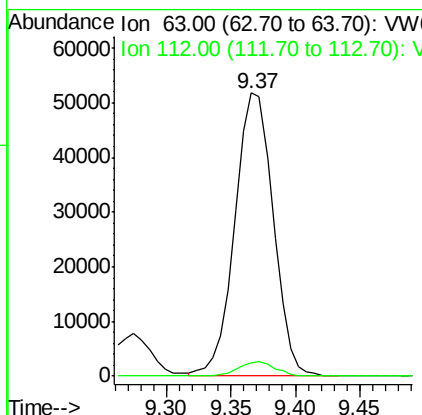
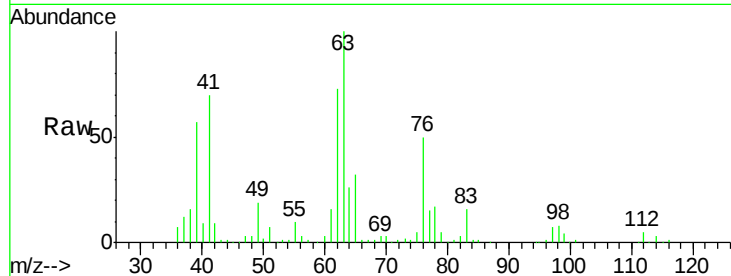




#37
 1,2-Dichloropropane
 Concen: 25.009 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

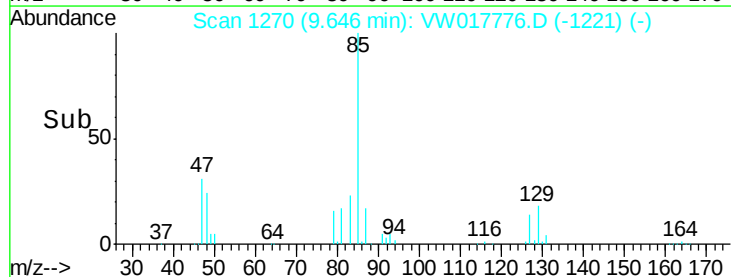
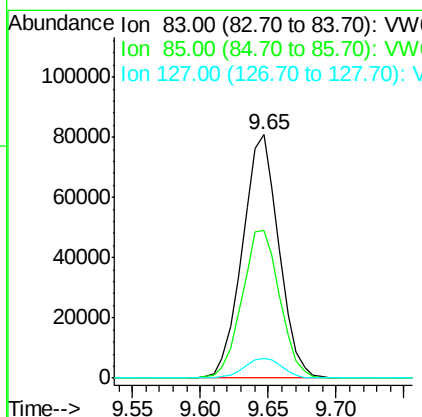
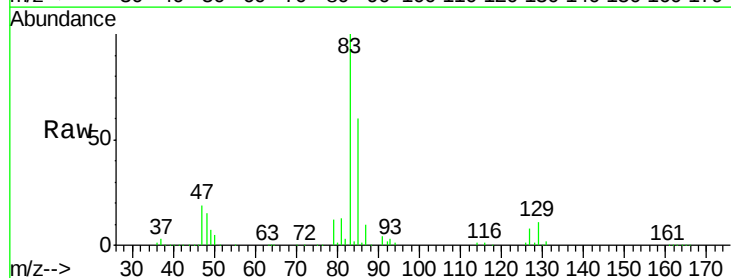
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

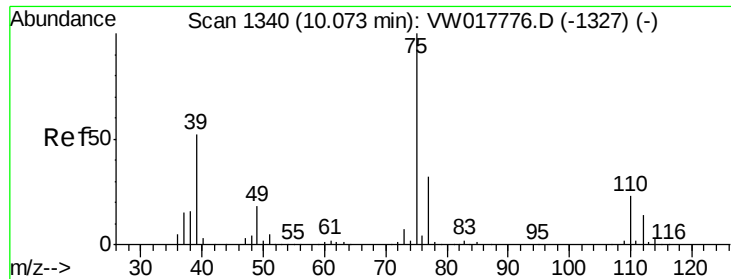
Tgt Ion: 63 Resp: 107525
 Ion Ratio Lower Upper
 63 100
 112 4.9 3.9 5.9



#38
 Bromodichloromethane
 Concen: 25.028 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Tgt Ion: 83 Resp: 151233
 Ion Ratio Lower Upper
 83 100
 85 60.4 42.3 78.5
 127 8.2 6.6 9.8

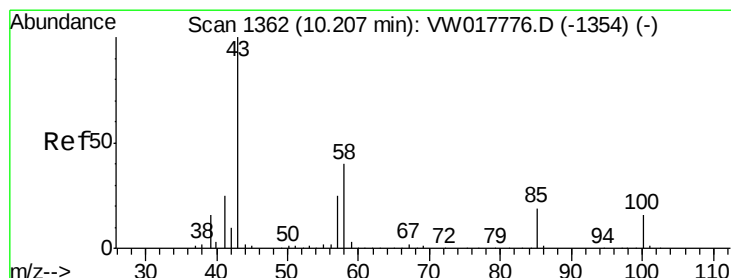
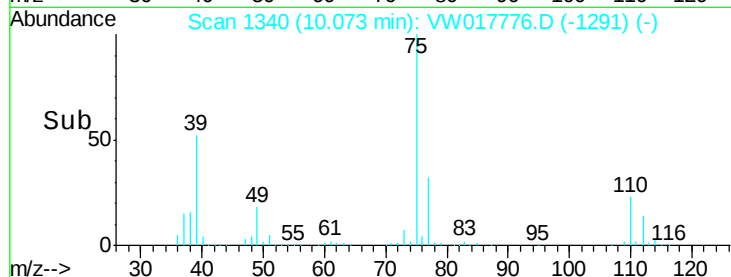
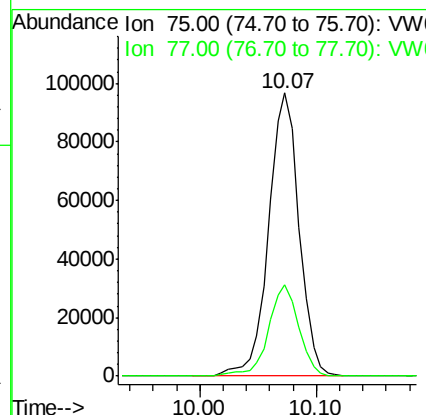
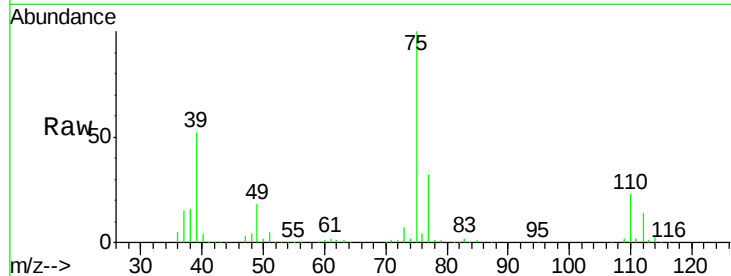




#39
 cis-1,3-Dichloropropene
 Concen: 25.134 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

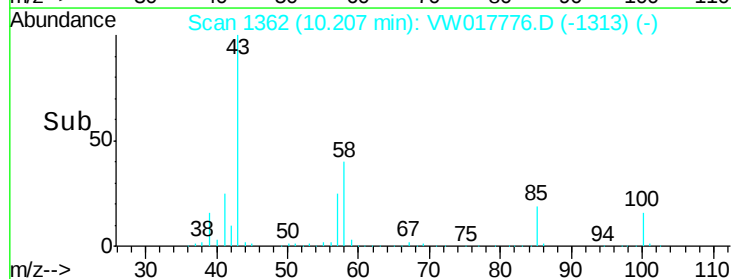
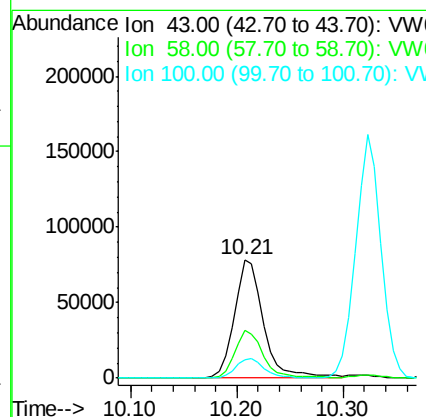
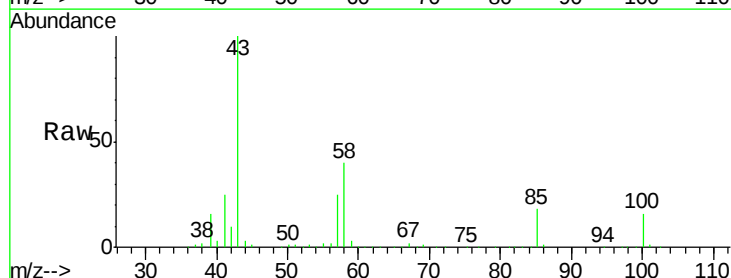
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02505

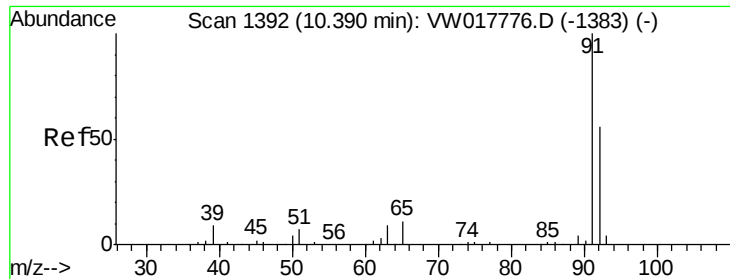
Tgt Ion: 75 Resp: 176187
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 56.288 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Tgt Ion: 43 Resp: 150114
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.0 46.4
 100 16.3 13.0 19.6





#42

Toluene

Concen: 25.286 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

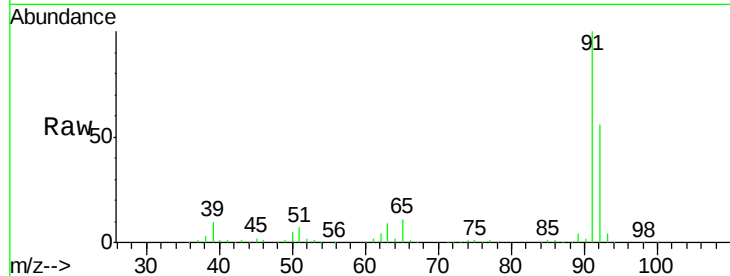
VSTD02505

Tgt Ion: 91 Resp: 505333

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

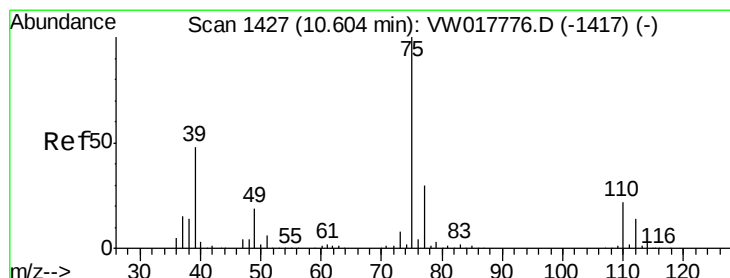
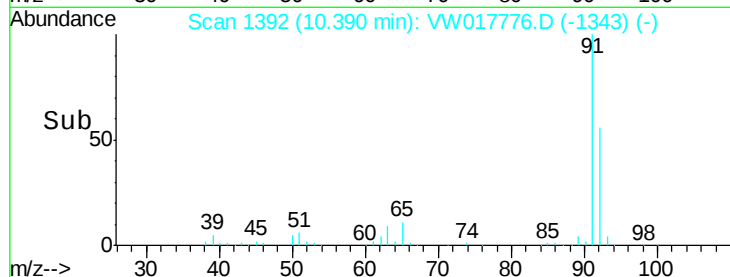
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 25.725 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW017776.D

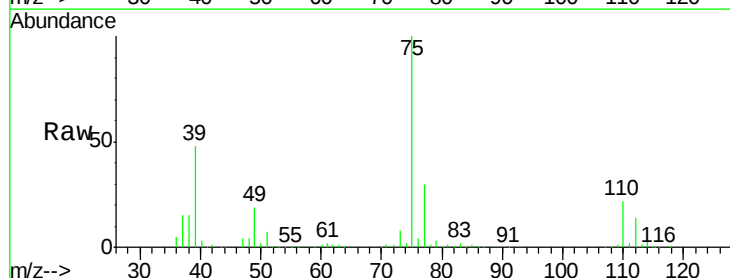
Acq: 30 Dec 2020 11:31

Tgt Ion: 75 Resp: 163006

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.60

100000

80000

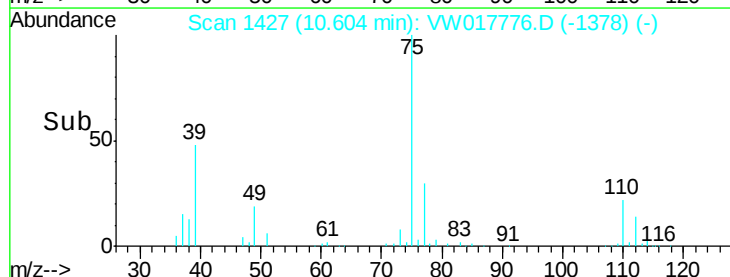
60000

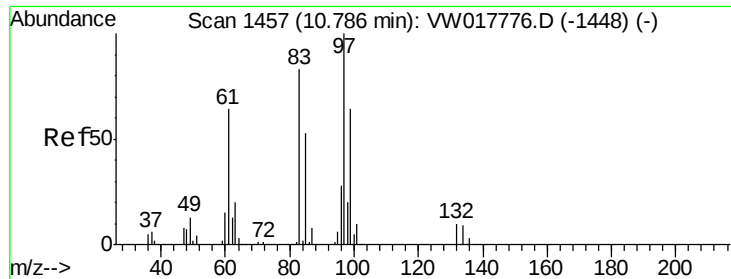
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 25.462 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

Tgt Ion: 97 Resp: 88015

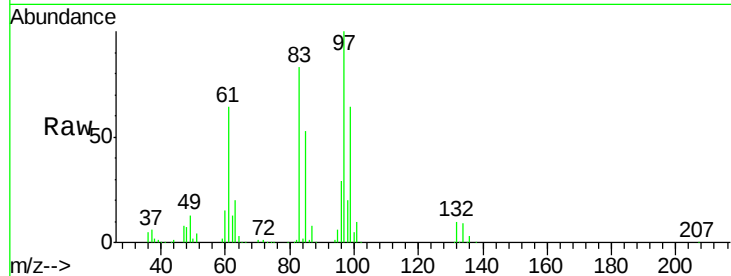
Ion Ratio Lower Upper

97 100

99 64.4 45.1 83.7

83 83.0 58.1 107.9

85 53.3 37.3 69.3



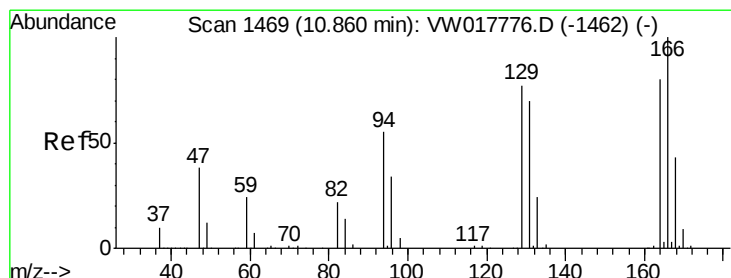
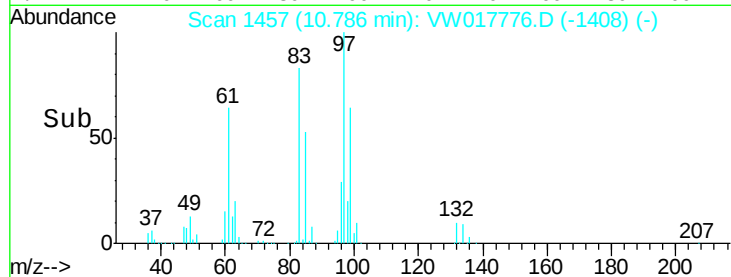
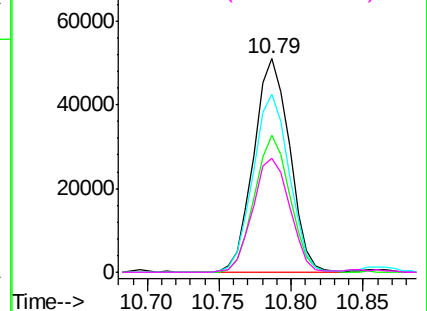
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 25.348 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Tgt Ion: 164 Resp: 93623

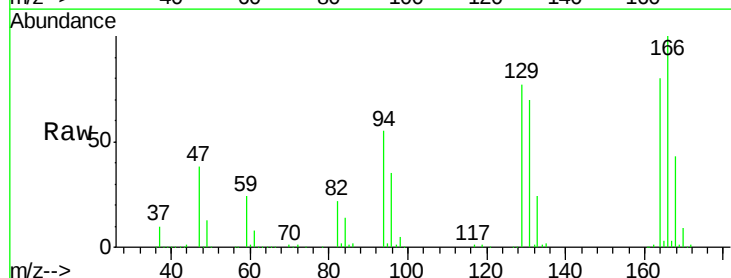
Ion Ratio Lower Upper

164 100

129 95.3 66.7 123.9

131 87.3 61.1 113.5

166 124.3 87.0 161.6



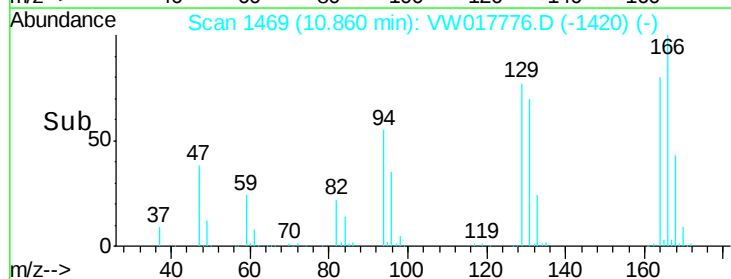
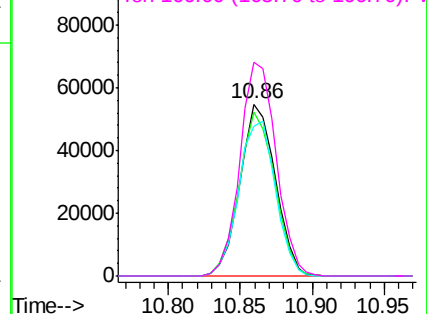
Abundance

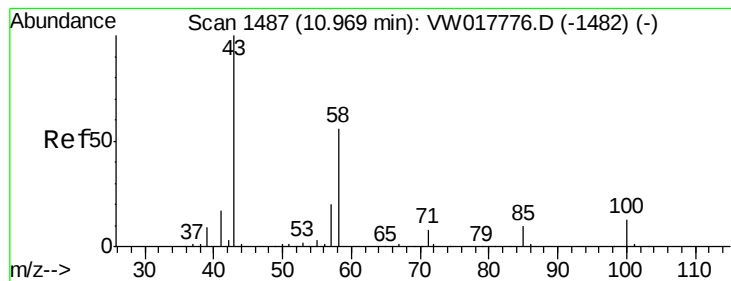
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 57.733 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

Tgt Ion: 43 Resp: 106505

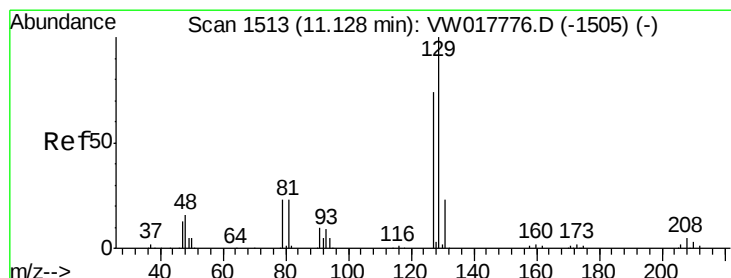
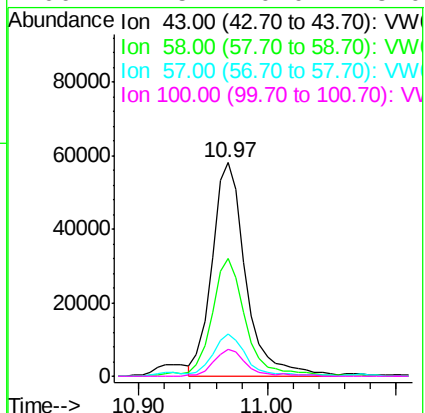
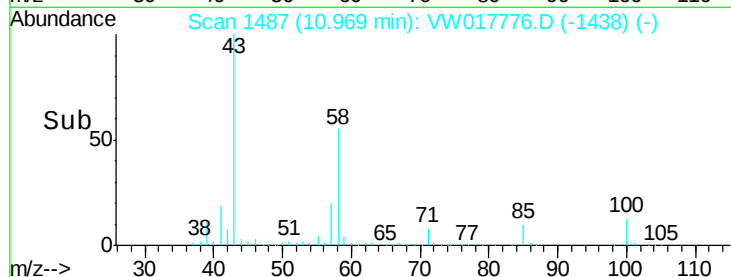
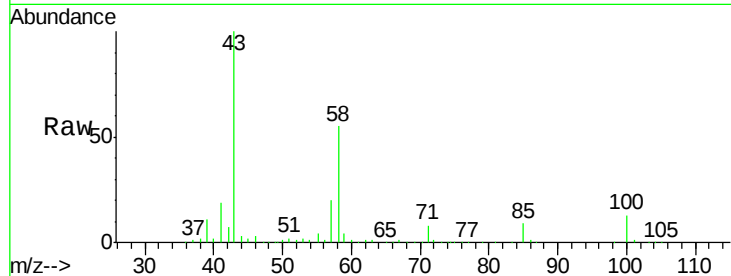
Ion Ratio Lower Upper

43 100

58 53.4 42.7 64.1

57 19.8 15.8 23.8

100 12.5 10.0 15.0



#49

Dibromochloromethane

Concen: 25.228 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017776.D

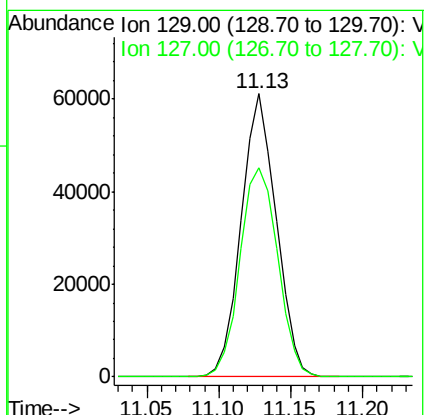
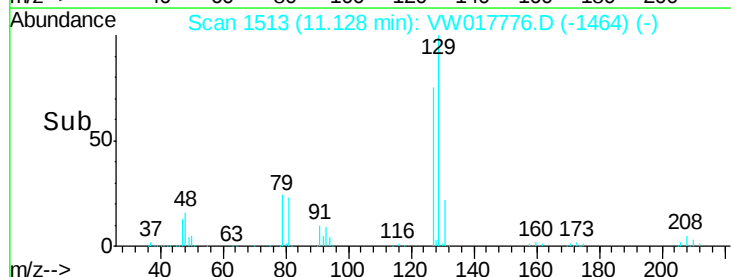
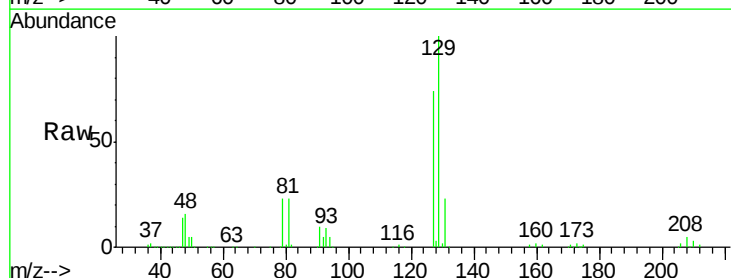
Acq: 30 Dec 2020 11:31

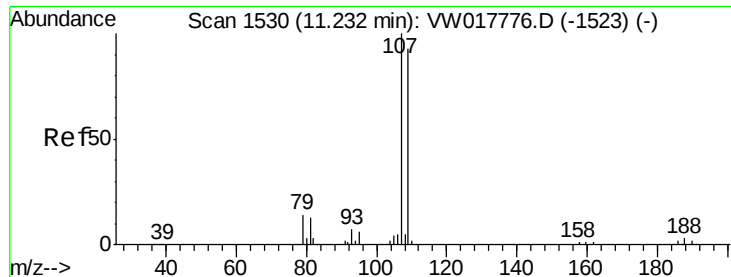
Tgt Ion: 129 Resp: 103256

Ion Ratio Lower Upper

129 100

127 73.8 51.7 95.9

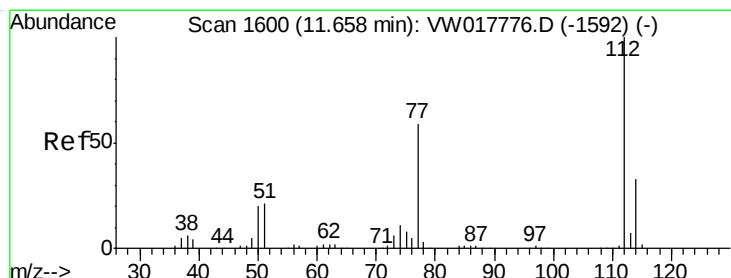
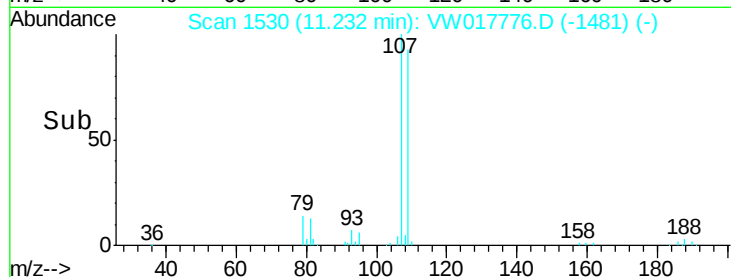
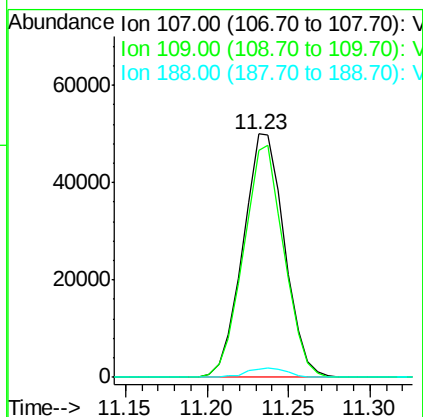
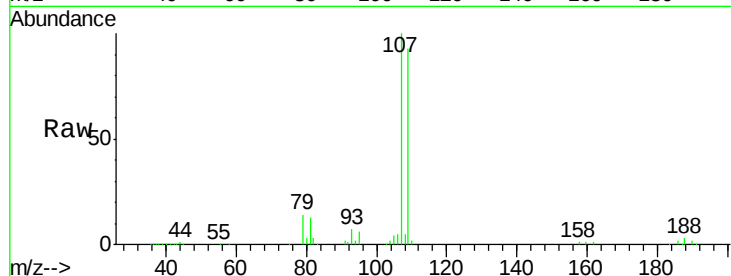




#50
1,2-Dibromoethane
Concen: 26.167 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

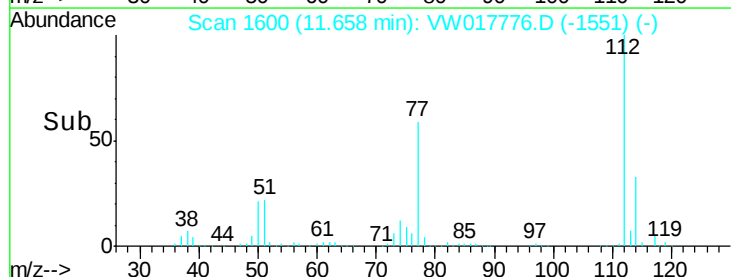
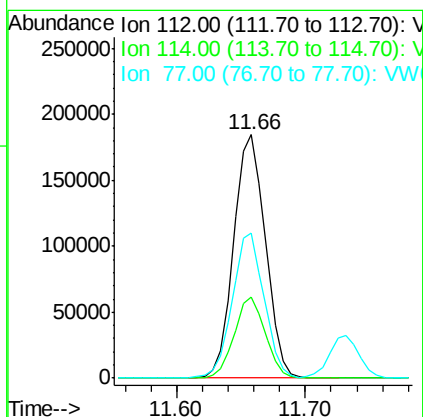
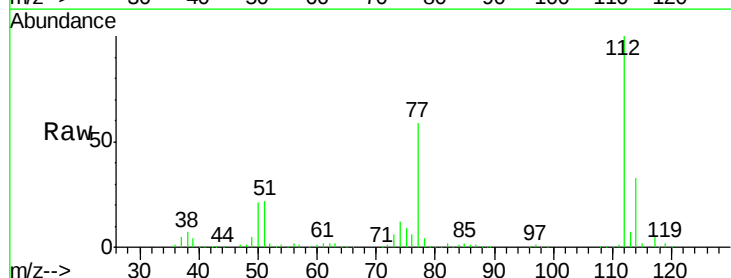
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

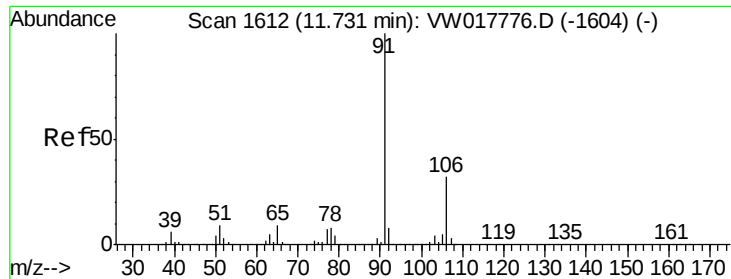
Tgt Ion:107 Resp: 88630
Ion Ratio Lower Upper
107 100
109 93.4 65.4 121.4
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 25.010 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion:112 Resp: 315282
Ion Ratio Lower Upper
112 100
114 33.5 23.4 43.6
77 59.5 47.6 71.4

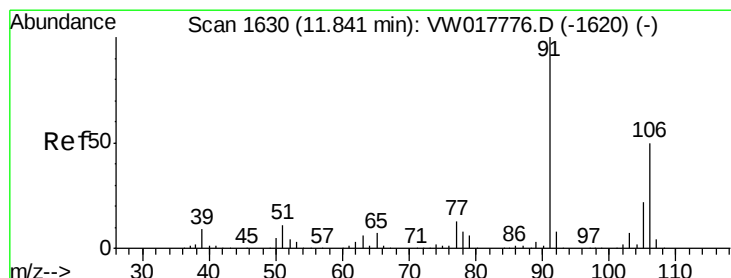
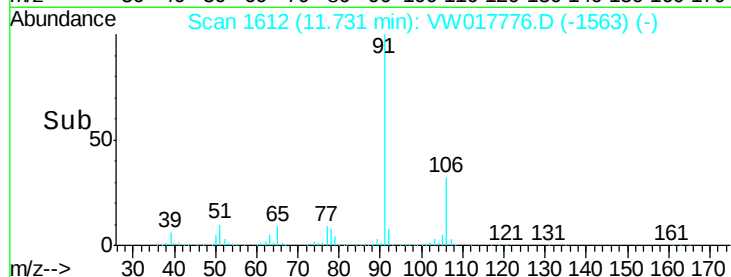
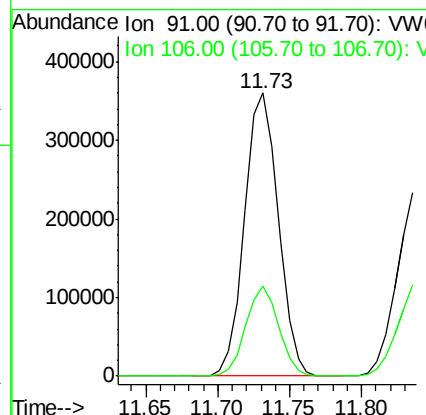
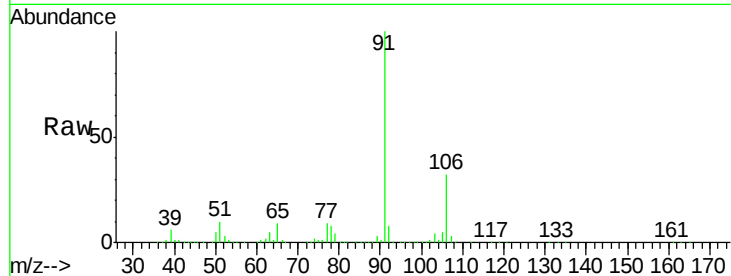




#52
Ethylbenzene
Concen: 25.785 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

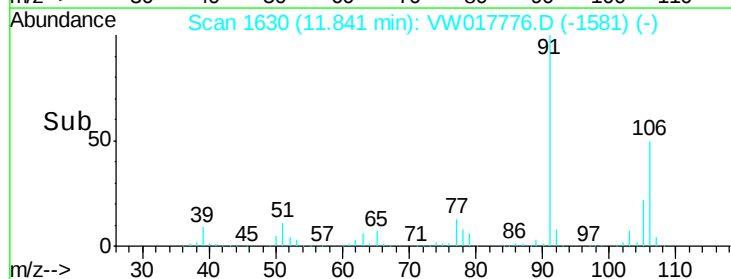
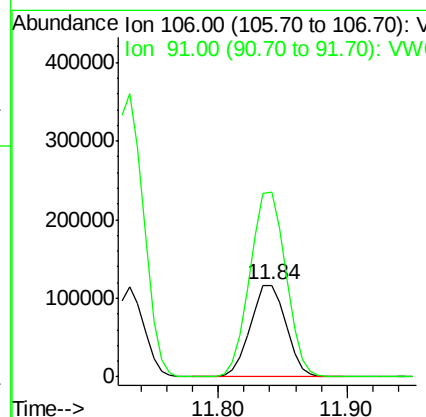
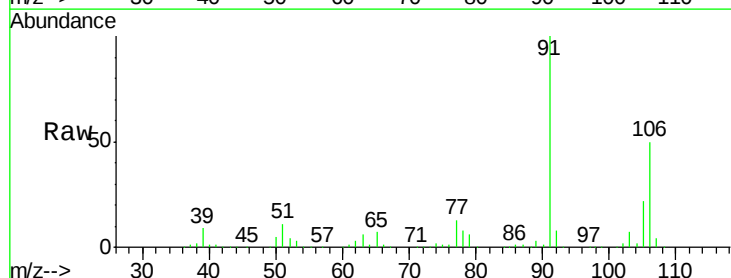
Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

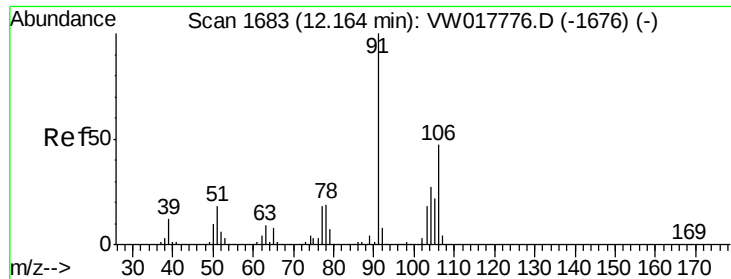
Tgt Ion: 91 Resp: 585195
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.7



#53
m,p-Xylene
Concen: 25.631 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion: 106 Resp: 223537
Ion Ratio Lower Upper
106 100
91 201.8 141.3 262.3

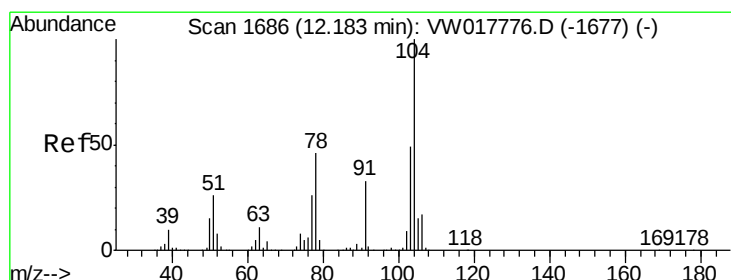
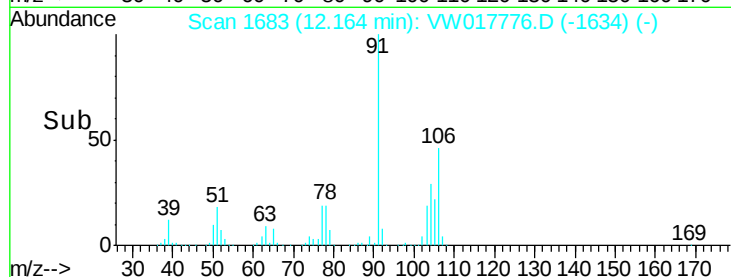
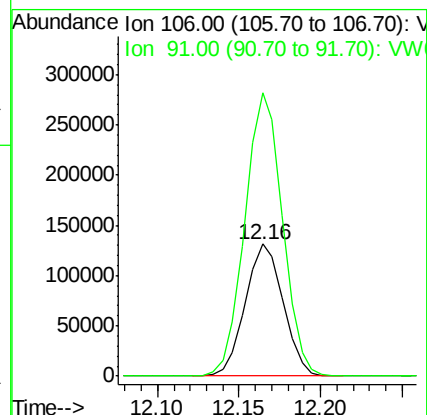
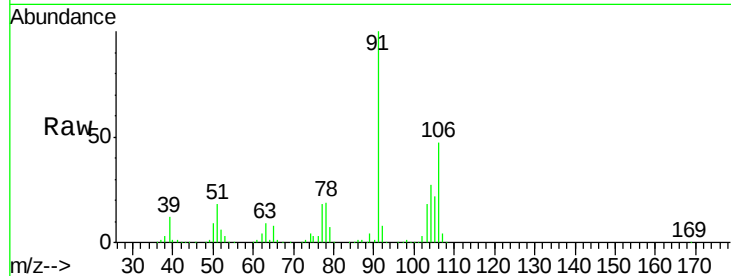




#54
o-Xylene
Concen: 25.552 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

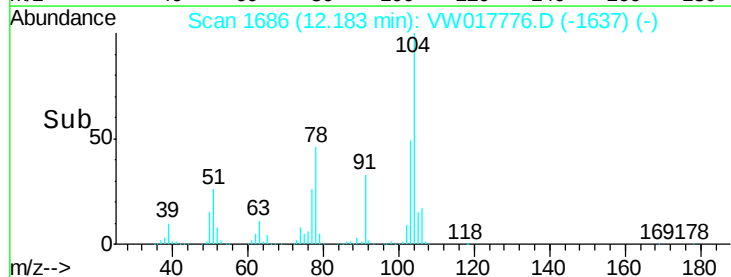
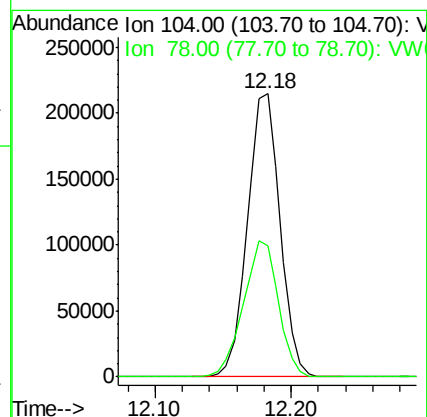
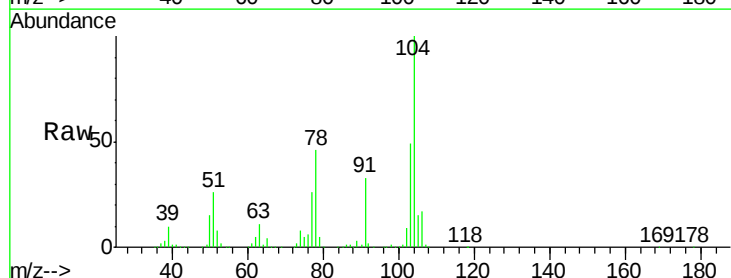
Instrument :
MSVOA_W
ClientSampled :
VSTD02505

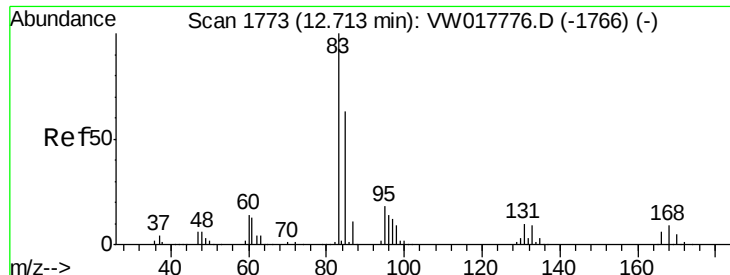
Tgt Ion:106 Resp: 212925
Ion Ratio Lower Upper
106 100
91 214.3 150.0 278.6



#55
Styrene
Concen: 25.418 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion:104 Resp: 360542
Ion Ratio Lower Upper
104 100
78 46.4 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 27.650 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

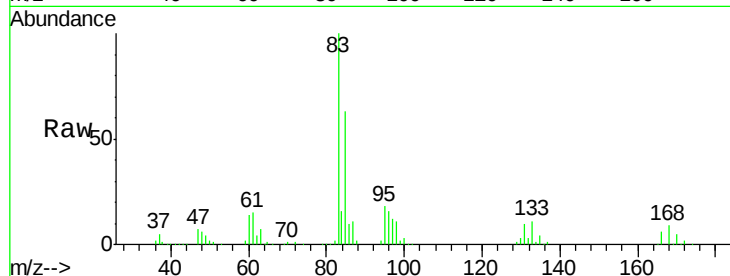
Tgt Ion: 83 Resp: 116401

Ion Ratio Lower Upper

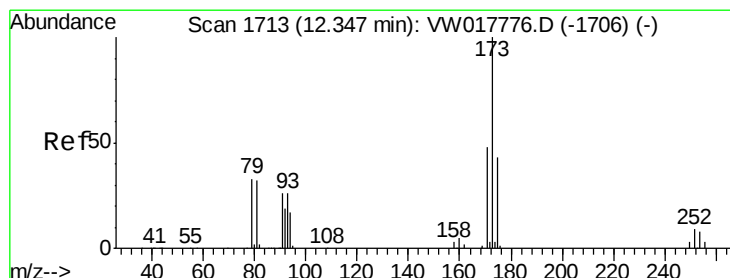
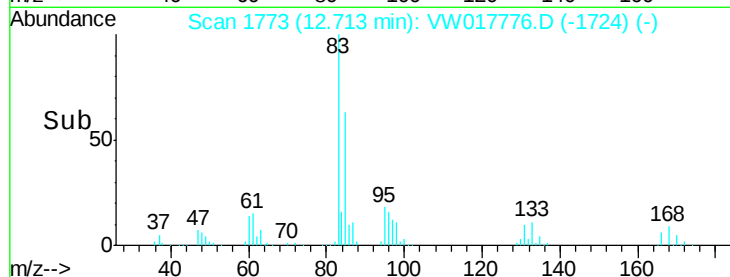
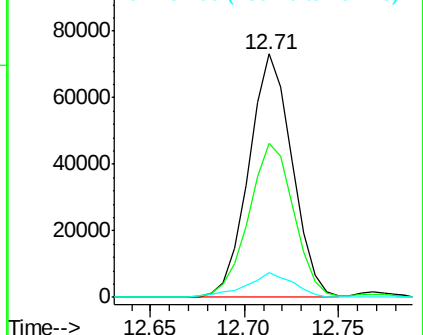
83 100

85 63.4 44.4 82.4

131 10.3 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 131.00 (130.70 to 131.70): V



#59

Bromoform

Concen: 27.022 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

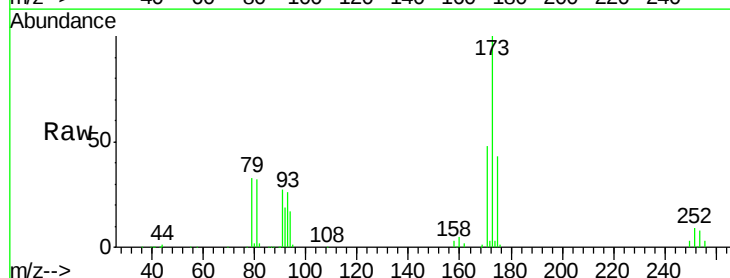
Tgt Ion: 173 Resp: 60493

Ion Ratio Lower Upper

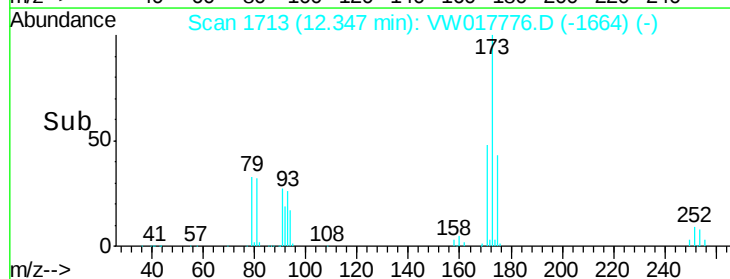
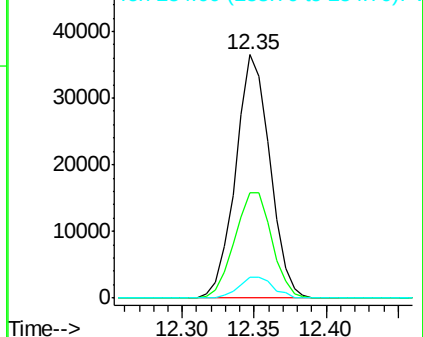
173 100

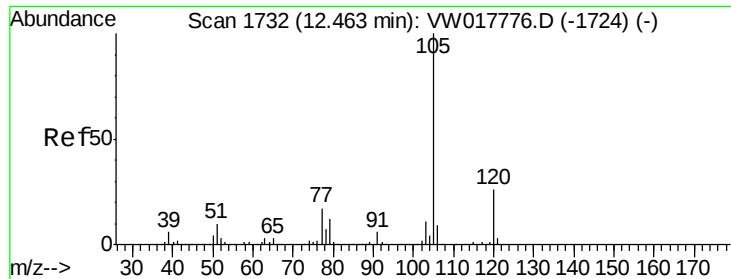
175 46.9 37.5 56.3

254 8.7 7.0 10.4



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V





#60

Isopropylbenzene

Concen: 26.026 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

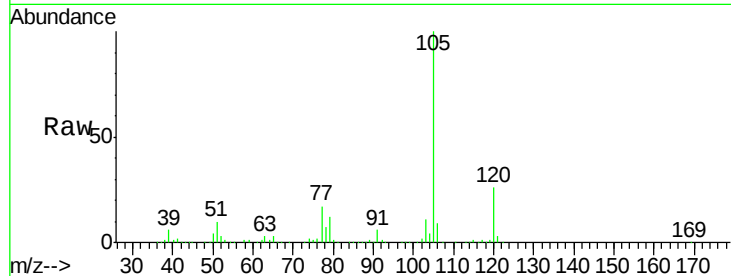
Tgt Ion: 105 Resp: 584729

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

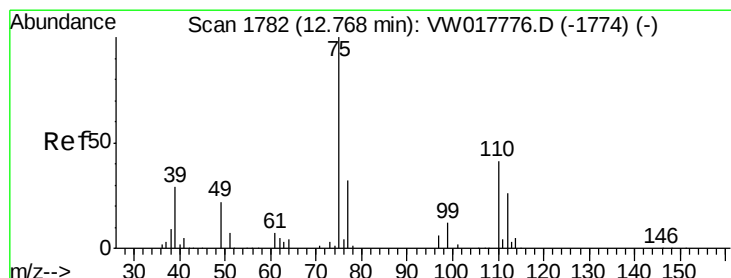
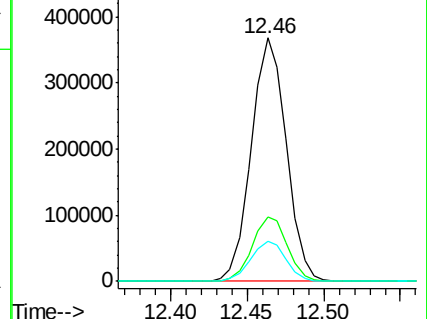
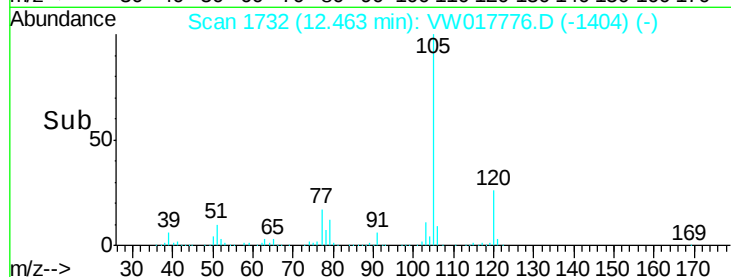
77 16.5 13.2 19.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 27.883 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

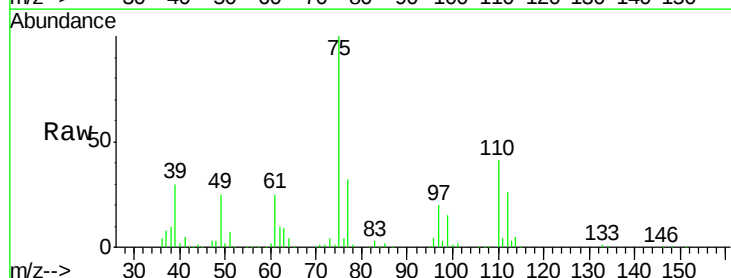
Tgt Ion: 75 Resp: 88096

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

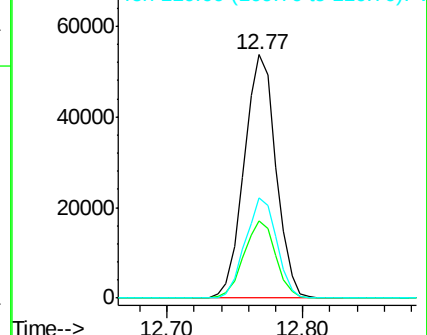
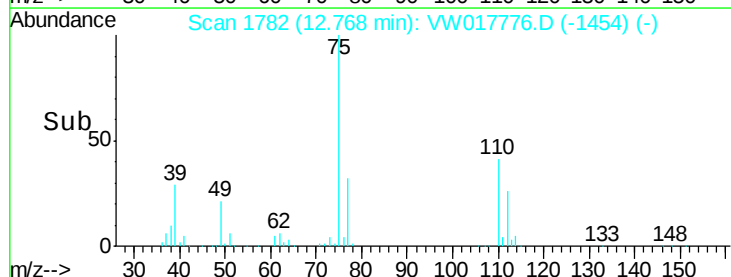
110 40.7 32.6 48.8

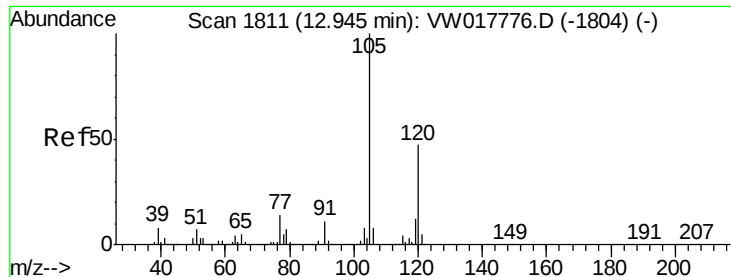


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V

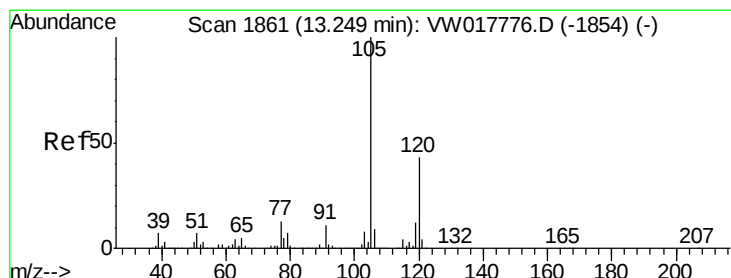
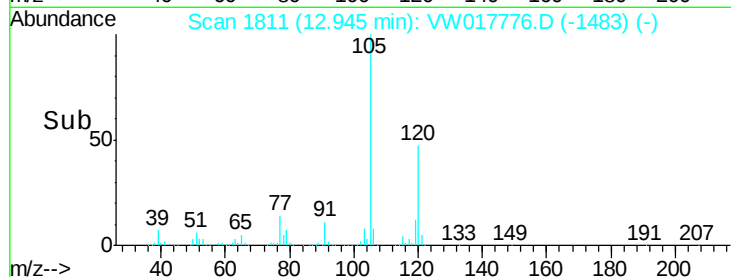
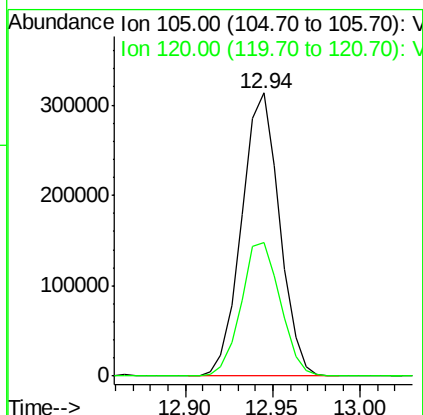
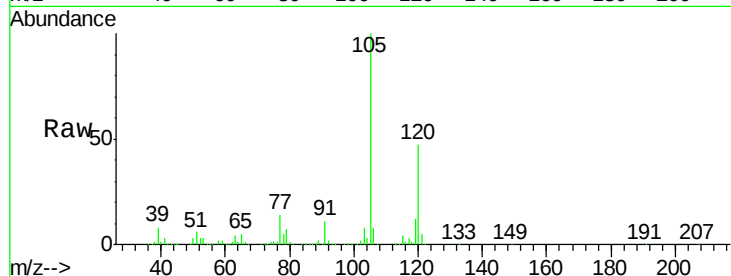




#62
 1,3,5-Trimethylbenzene
 Concen: 25.881 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

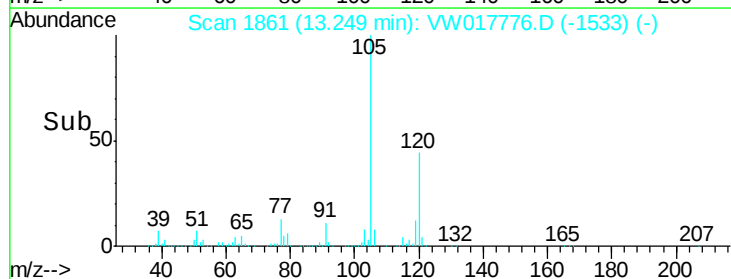
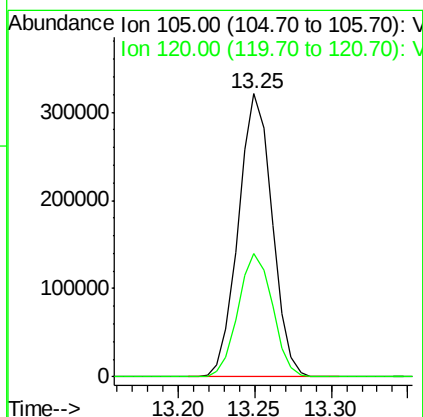
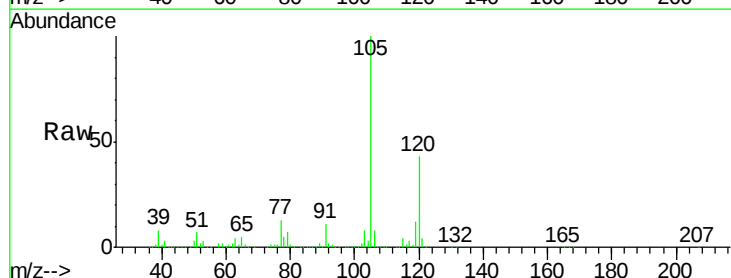
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

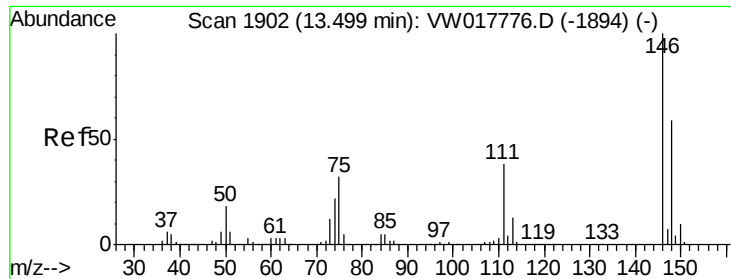
Tgt Ion:105 Resp: 473277
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 26.419 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Tgt Ion:105 Resp: 490923
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 26.249 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD02505

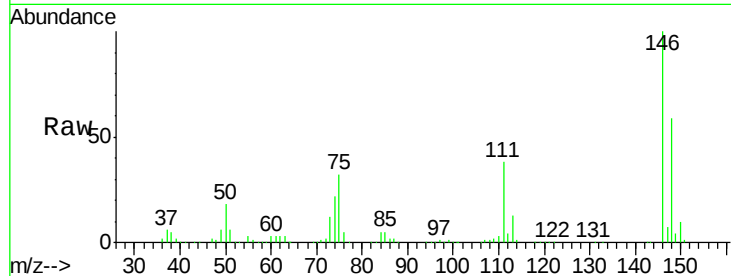
Tgt Ion:146 Resp: 255871

Ion Ratio Lower Upper

146 100

111 38.2 26.7 49.7

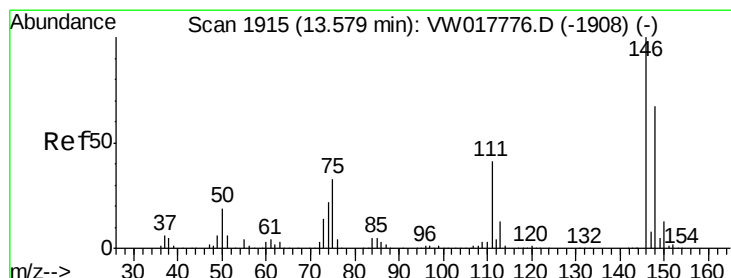
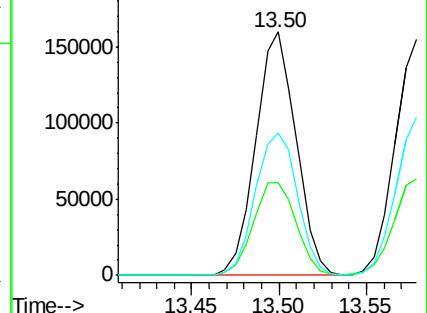
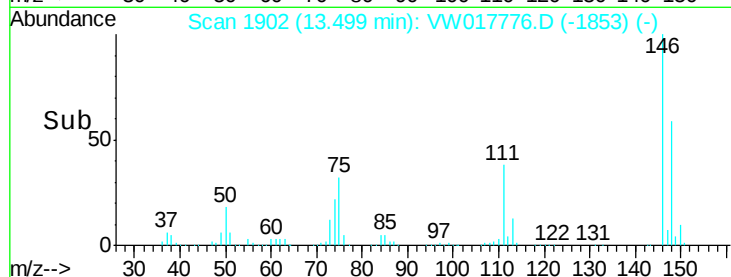
148 58.7 41.1 76.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 25.613 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW017776.D

Acq: 30 Dec 2020 11:31

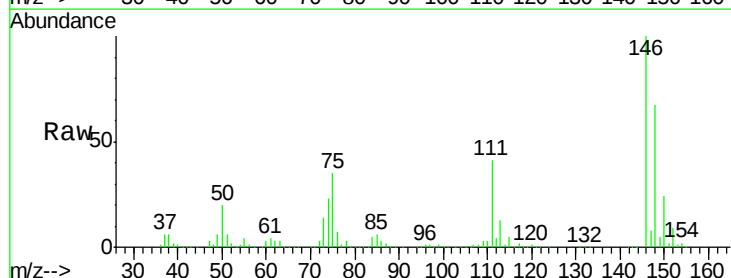
Tgt Ion:146 Resp: 247442

Ion Ratio Lower Upper

146 100

111 41.1 28.8 53.4

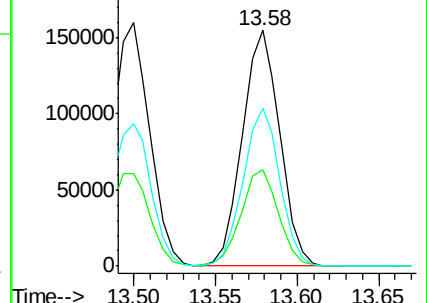
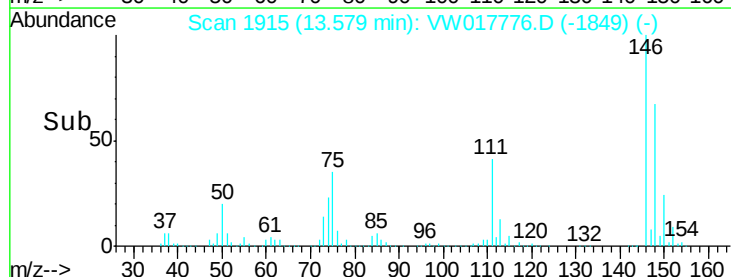
148 66.9 46.8 87.0

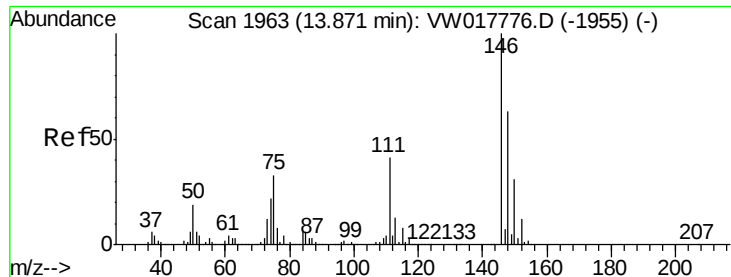


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

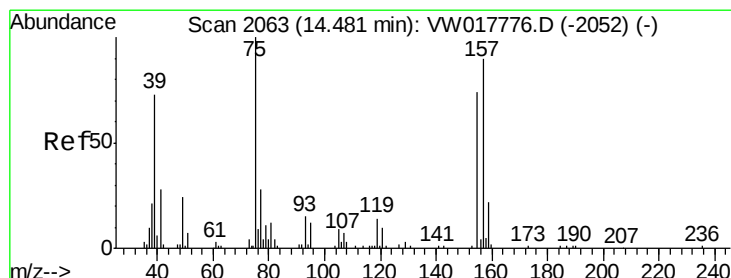
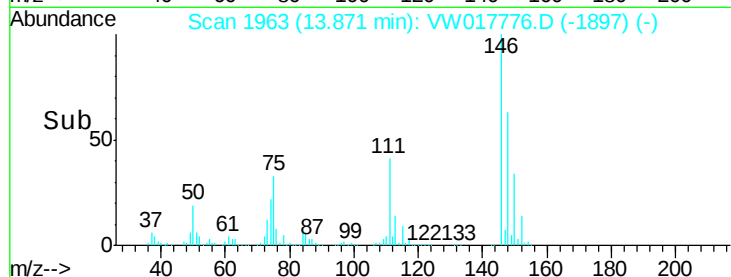
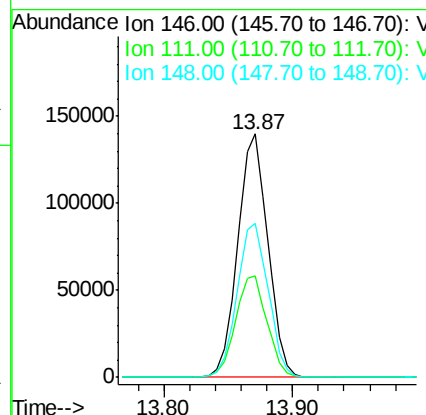
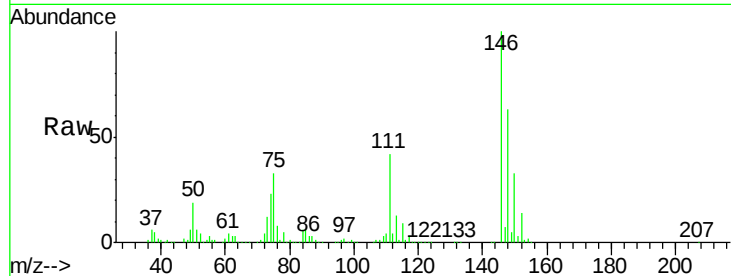




#67
 1,2-Dichlorobenzene
 Concen: 25.662 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

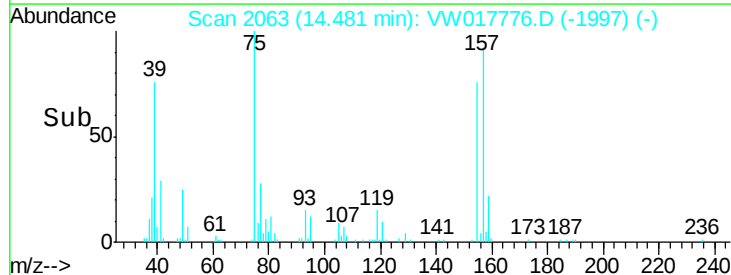
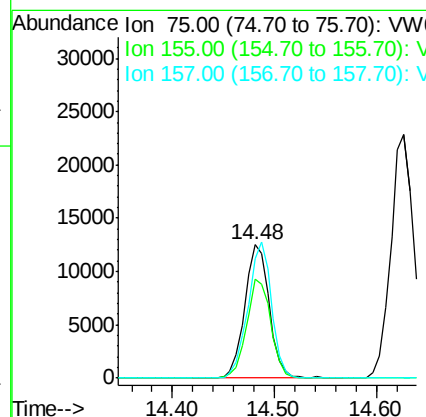
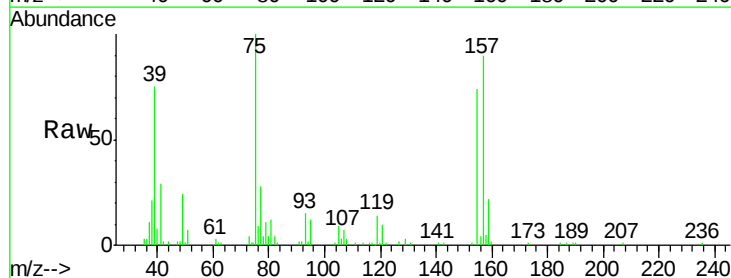
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

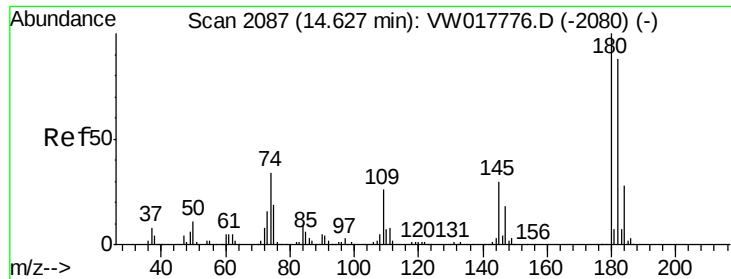
Tgt Ion: 146 Resp: 226980
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.2 49.8
 148 63.0 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.531 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Tgt Ion: 75 Resp: 20701
 Ion Ratio Lower Upper
 75 100
 155 74.2 59.4 89.0
 157 90.2 72.2 108.2

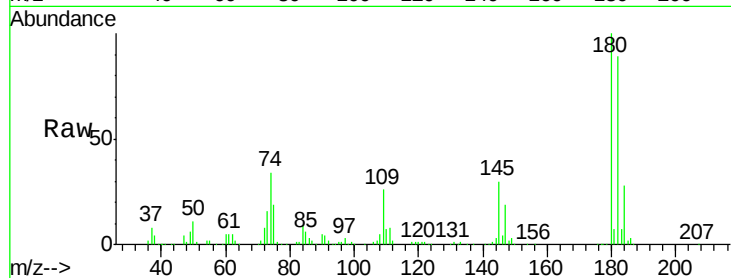




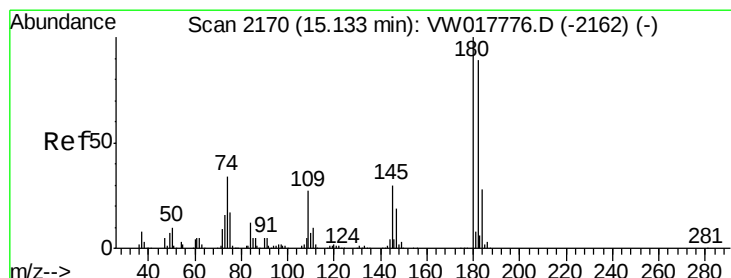
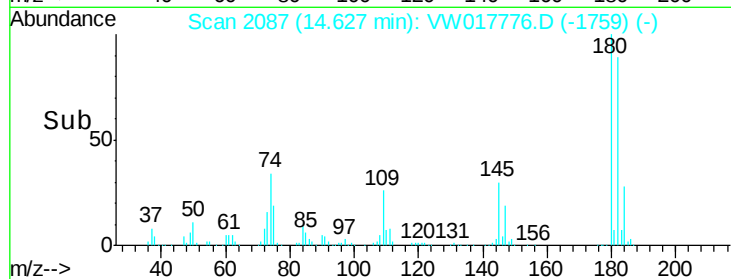
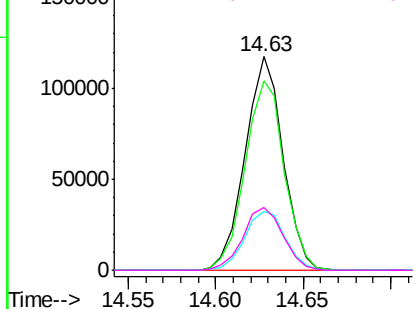
#69
 1,3,5-Trichlorobenzene
 Concen: 26.632 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Tgt Ion:180 Resp: 176724
 Ion Ratio Lower Upper
 180 100
 182 91.8 73.4 110.2
 184 29.5 23.6 35.4
 145 31.1 24.9 37.3

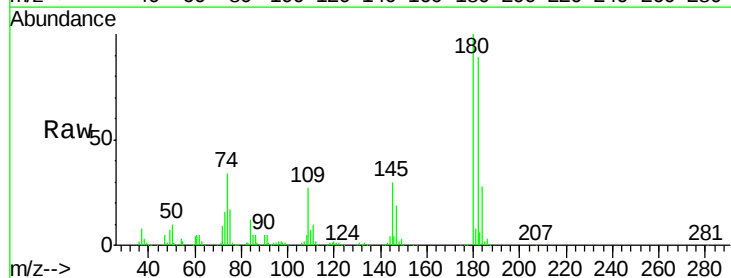


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

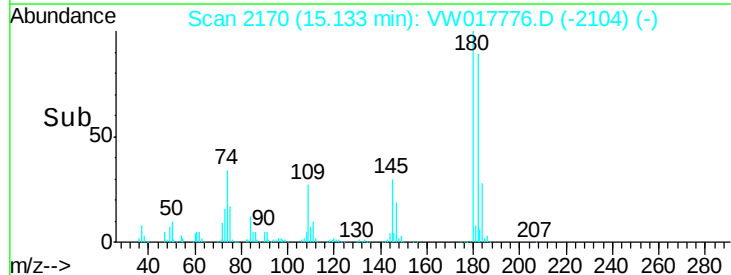
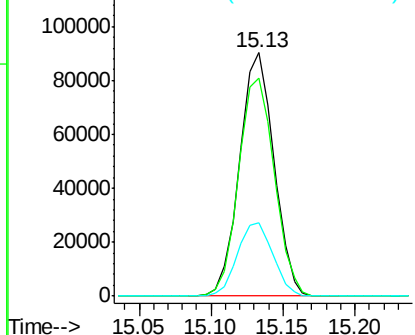


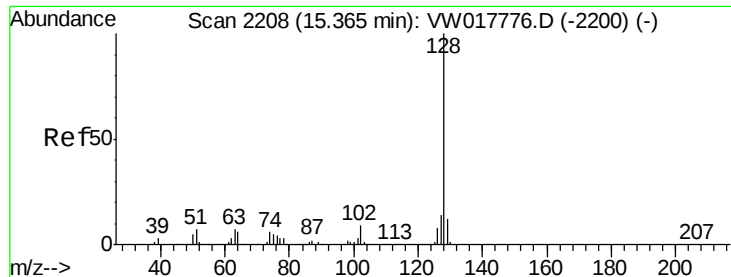
#70
 1,2,4-trichlorobenzene
 Concen: 26.076 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017776.D
 Acq: 30 Dec 2020 11:31

Tgt Ion:180 Resp: 149302
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.7 112.1
 145 31.2 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

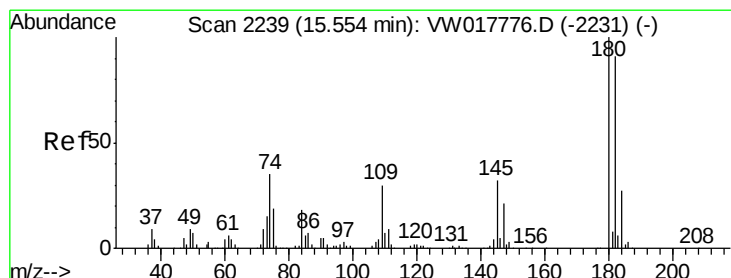
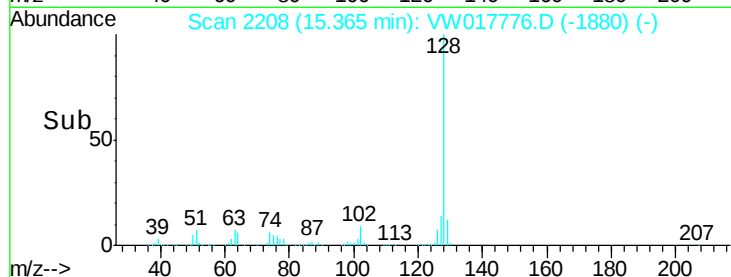
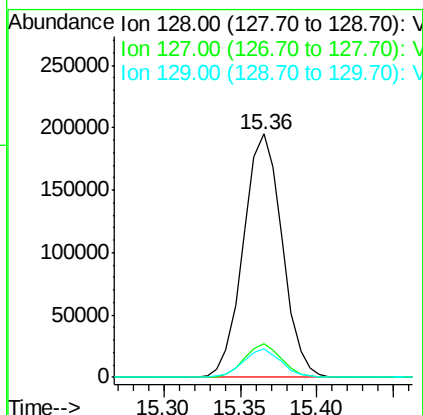
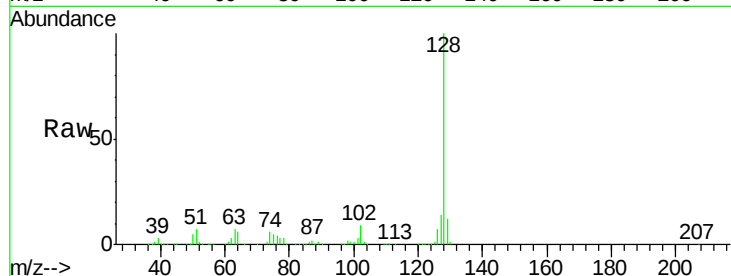




#71
Naphthalene
Concen: 27.768 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD02505

Tgt Ion:128 Resp: 344502
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.3 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.887 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW017776.D
Acq: 30 Dec 2020 11:31

Tgt Ion:180 Resp: 124644
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 36.1 28.9 43.3

