

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV123020\
 Data File : VW017780.D
 Acq On : 30 Dec 2020 13:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 05:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 19:04:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302018	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287808	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	150618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128370	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
7) Chloroethane-d5	2.89	69	107702	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	4.03	63	214993	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.52%
21) 2-Butanone-d5	7.07	46	59424	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	209648	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	119325	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.16%
32) Benzene-d6	8.27	84	401294	24.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	9.27	67	113090	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	10.32	98	383273	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
43) trans-1,3-Dichloropropene-	10.58	79	55156	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.20%
47) 2-Hexanone-d5	10.93	63	44337	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	112578	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
66) 1,2-Dichlorobenzene-d4	13.85	152	135017	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	94365	25.928	ug/L 99
3) Chloromethane	2.21	50	83212	26.284	ug/L 100
5) Vinyl chloride	2.36	62	139988	26.818	ug/L 99
6) Bromomethane	2.78	94	113013	24.467	ug/L 98
8) Chloroethane	2.92	64	93429	27.066	ug/L 99
9) Trichlorofluoromethane	3.26	101	99111	27.921	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	107710	26.475	ug/L 98
12) 1,1-Dichloroethene	4.04	96	103041	26.706	ug/L 91
13) Acetone	4.12	43	39612	45.003	ug/L 89
14) Carbon disulfide	4.39	76	307526	27.803	ug/L 99
15) Methyl Acetate	4.67	43	51470	27.070	ug/L 97
16) Methylene chloride	4.92	84	109010	22.389	ug/L 97
17) trans-1,2-Dichloroethene	5.42	96	110152	26.642	ug/L 100
18) Methyl tert-butyl Ether	5.42	73	141007	26.771	ug/L 99
19) 1,1-Dichloroethane	6.21	63	193679	26.442	ug/L 98
20) cis-1,2-Dichloroethene	7.17	96	115881	26.193	ug/L 98
22) 2-Butanone	7.17	43	71346	48.780	ug/L 98

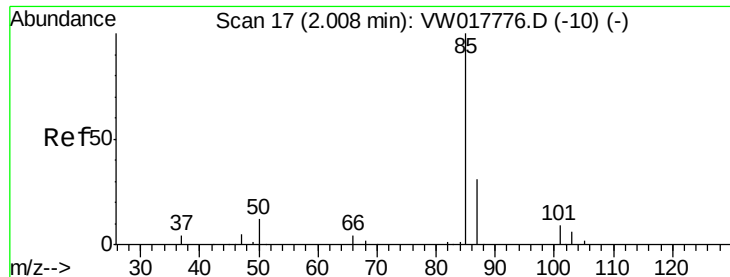
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV123020\
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 Acq On : 30 Dec 2020 13:40
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 19:04:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52401	25.883	ug/L	95
25) Chloroform	7.67	83	204106	26.270	ug/L	98
27) 1,2-Dichloroethane	8.40	62	146193	26.349	ug/L	100
29) Cyclohexane	7.96	56	182158	26.968	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	173962	26.287	ug/L	98
31) Carbon tetrachloride	8.07	117	166732	26.823	ug/L	98
33) Benzene	8.32	78	444964	26.475	ug/L	100
34) Trichloroethene	9.09	95	118823	25.887	ug/L	94
35) Methylcyclohexane	9.34	83	213110	27.115	ug/L	99
37) 1,2-Dichloropropane	9.37	63	108363	26.638	ug/L	98
38) Bromodichloromethane	9.65	83	149888	26.087	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	176185	27.127	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	151846	52.588	ug/L	99
42) Toluene	10.38	91	507348	26.653	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	162475	27.434	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	87498	25.626	ug/L	97
46) Tetrachloroethene	10.86	164	94397	26.837	ug/L	95
48) 2-Hexanone	10.97	43	109403	54.083	ug/L	99
49) Dibromochloromethane	11.13	129	103691	26.463	ug/L	93
50) 1,2-Dibromoethane	11.23	107	89502	26.529	ug/L	98
51) Chlorobenzene	11.66	112	316793	26.228	ug/L	98
52) Ethylbenzene	11.73	91	575606	26.478	ug/L	100
53) m,p-Xylene	11.84	106	221448	26.330	ug/L	100
54) o-Xylene	12.16	106	211080	26.591	ug/L	99
55) Styrene	12.18	104	361866	26.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.71	83	116832	26.316	ug/L	99
59) Bromoform	12.35	173	61185	27.138	ug/L	99
60) Isopropylbenzene	12.46	105	592752	26.964	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	86275	26.070	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	479384	27.412	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	482700	27.122	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	254195	26.784	ug/L	91
65) 1,4-Dichlorobenzene	13.58	146	252226	26.756	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	229959	27.003	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	20314	25.652	ug/L	97
69) 1,3,5-Trichlorobenzene	14.63	180	174525	27.181	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	147590	26.548	ug/L	96
71) Naphthalene	15.36	128	344667	26.905	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	134386	27.502	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 25.928 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

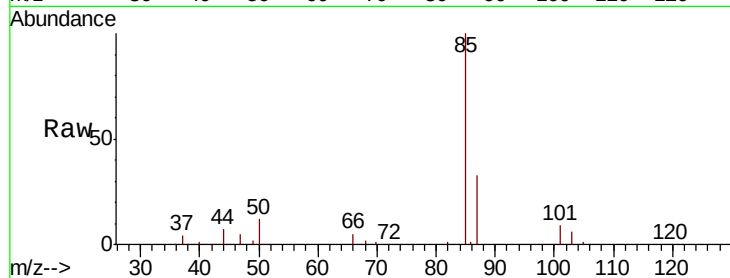
ClientSampleId :

Tot Ion: 85 Resp: 94365

Ion Ratio Lower Upper

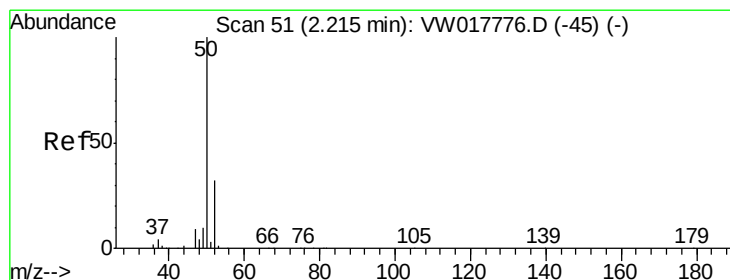
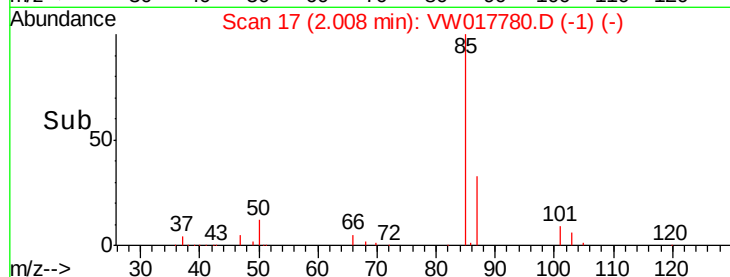
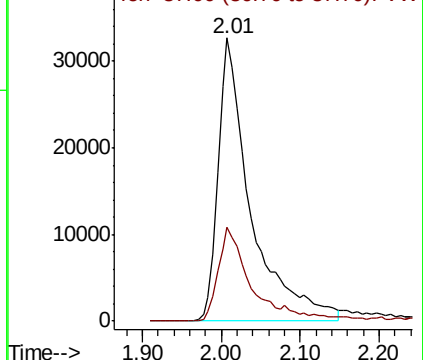
85 100

87 29.6 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: 26.284 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW017780.D

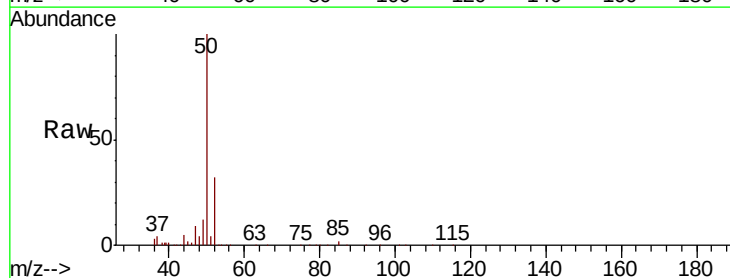
Acq: 30 Dec 2020 13:40

Tgt Ion: 50 Resp: 83212

Ion Ratio Lower Upper

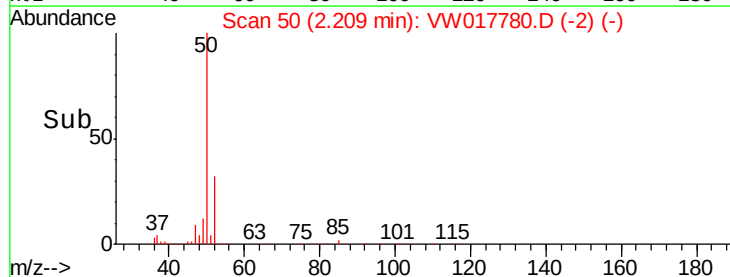
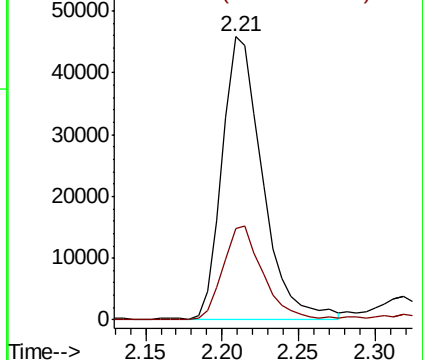
50 100

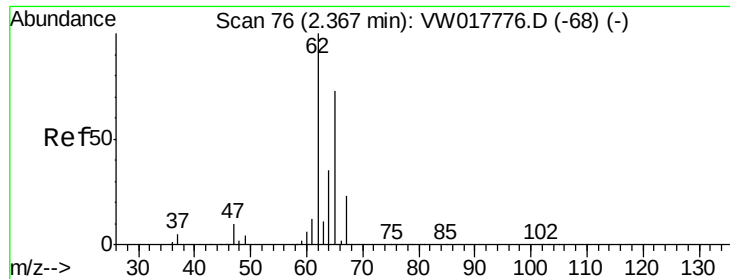
52 32.4 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.818 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

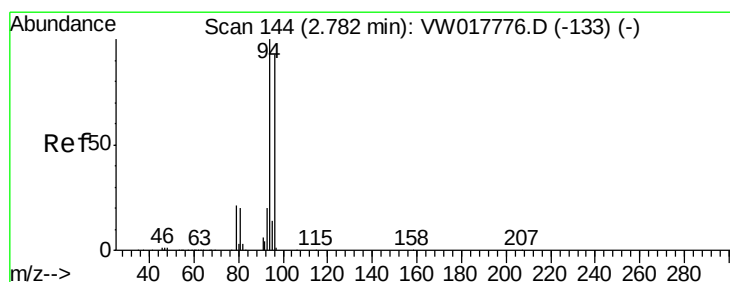
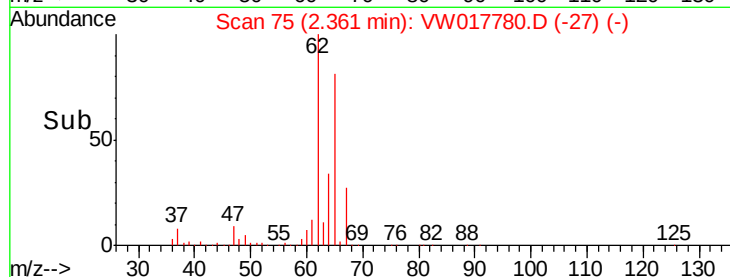
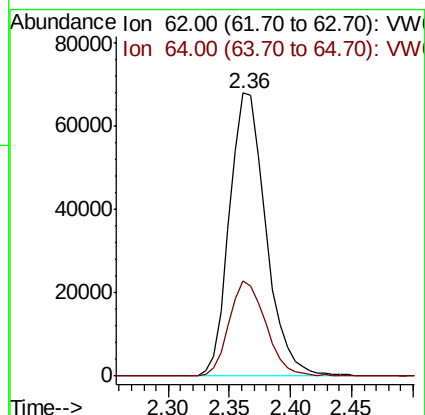
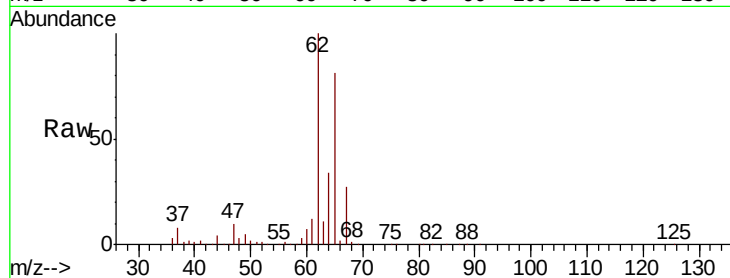
ClientSampleId :

Tot Ion: 62 Resp: 139988

Ion Ratio Lower Upper

62 100

64 33.8 24.2 45.0



#6

Bromomethane

Concen: 24.467 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW017780.D

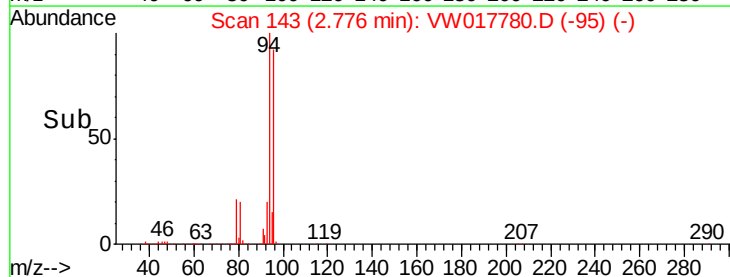
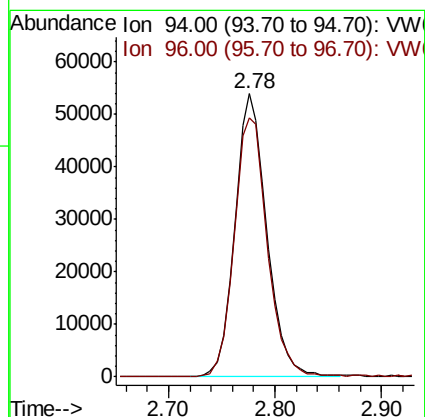
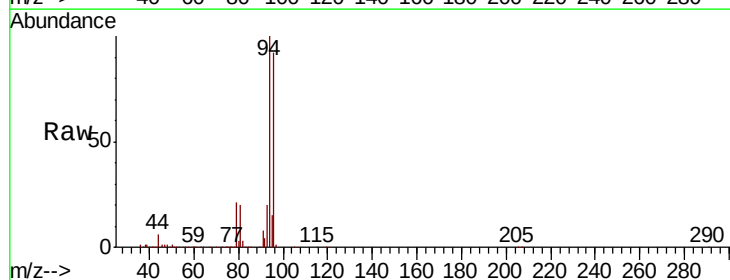
Acq: 30 Dec 2020 13:40

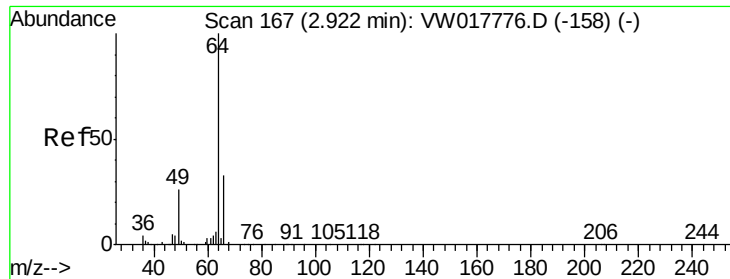
Tgt Ion: 94 Resp: 113013

Ion Ratio Lower Upper

94 100

96 91.6 65.3 121.3

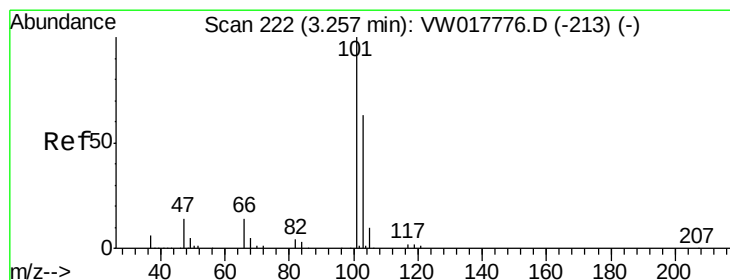
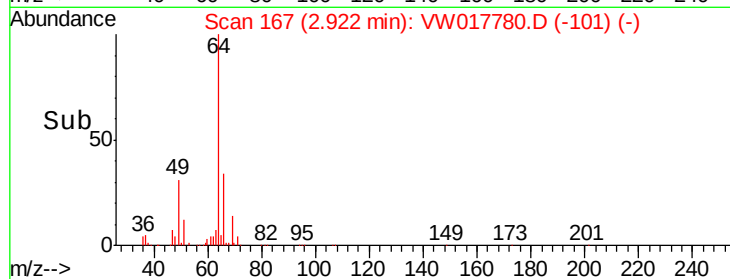
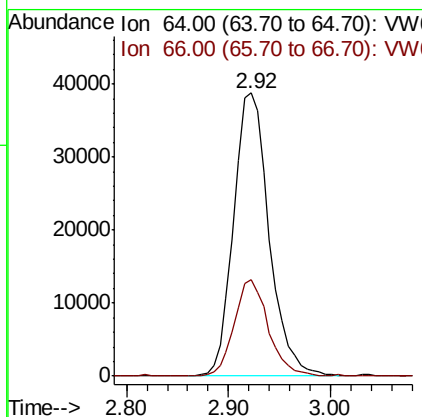
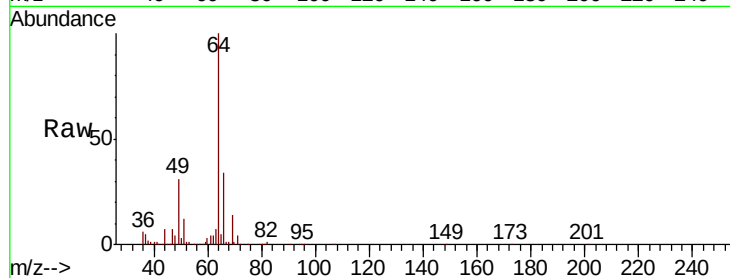




#8
Chloroethane
Concen: 27.066 ug/L
RT: 2.92 min Scan# 167
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

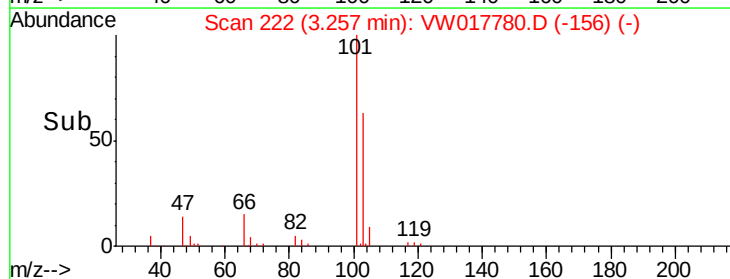
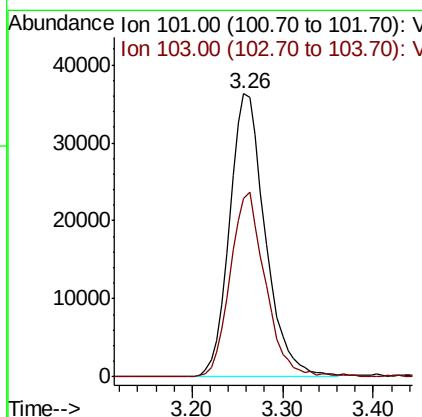
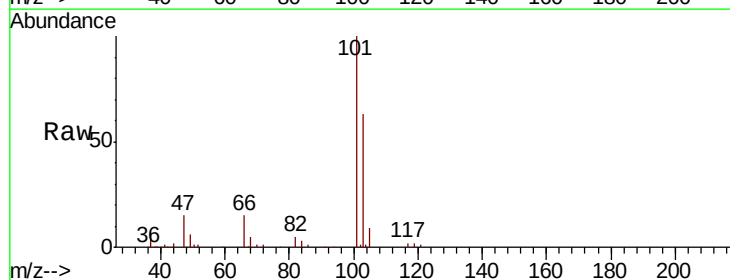
Instrument :
MSVOA_W
ClientSampleId :

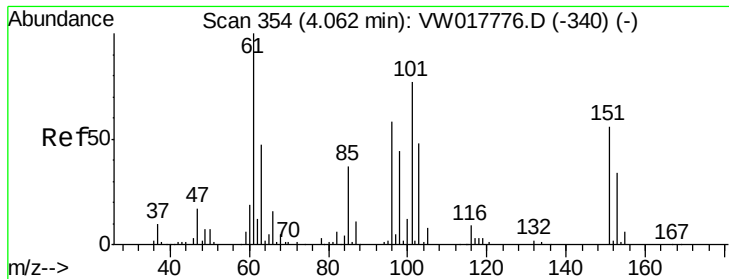
Tot Ion: 64 Resp: 93429
Ion Ratio Lower Upper
64 100
66 34.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.921 ug/L
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 101 Resp: 99111
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4





#10

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

Concen: 26.475 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

ClientSampleId :

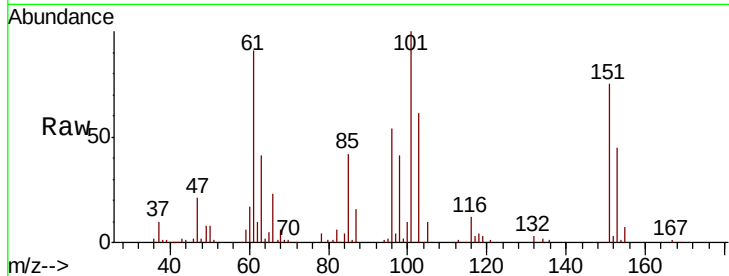
Tot Ion:101 Resp: 107710

Ion Ratio Lower Upper

101 100

85 45.8 38.2 57.2

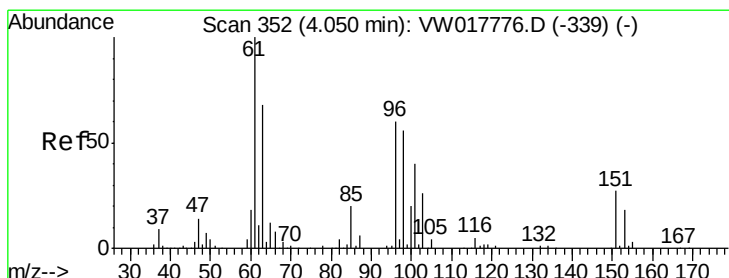
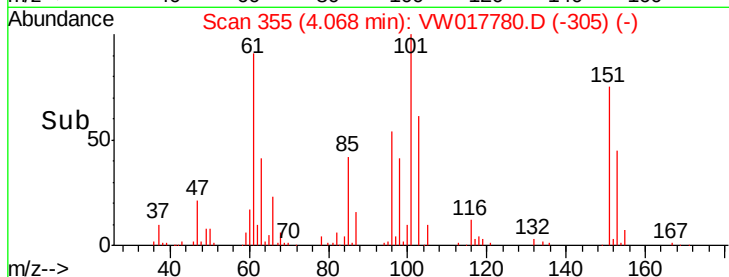
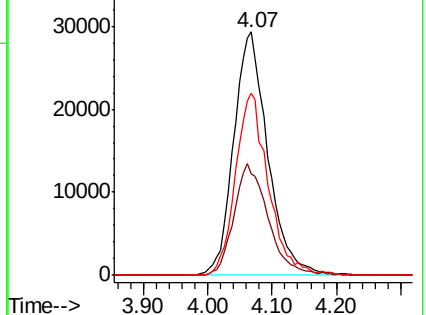
151 71.4 56.6 85.0



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: 26.706 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

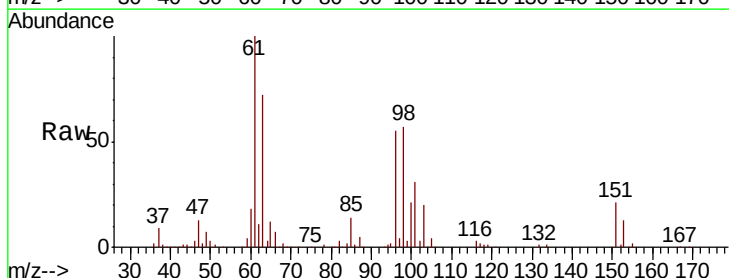
Tgt Ion: 96 Resp: 103041

Ion Ratio Lower Upper

96 100

61 180.8 118.1 219.3

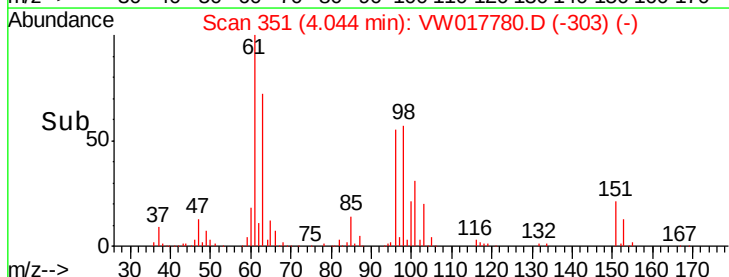
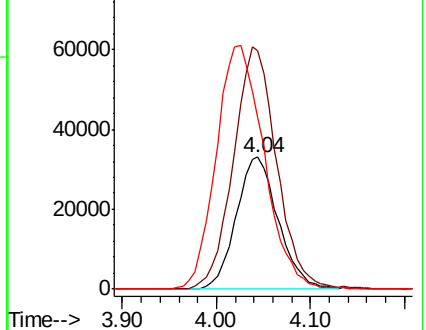
63 130.7 83.7 155.5

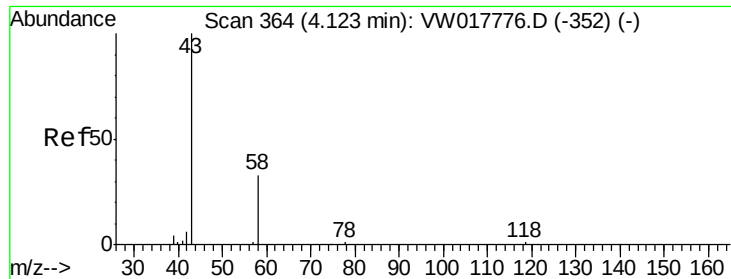


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 45.003 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

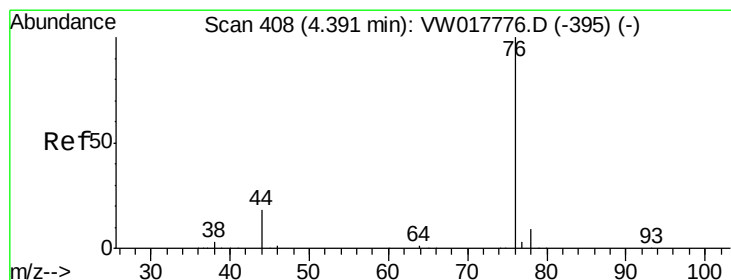
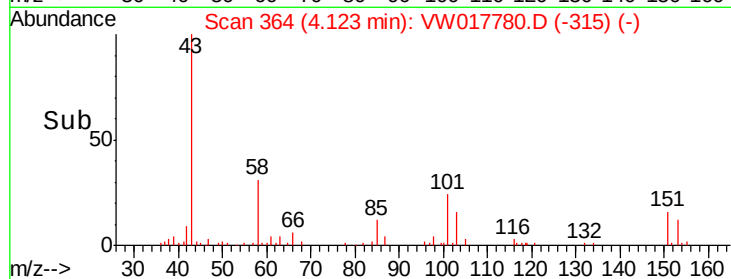
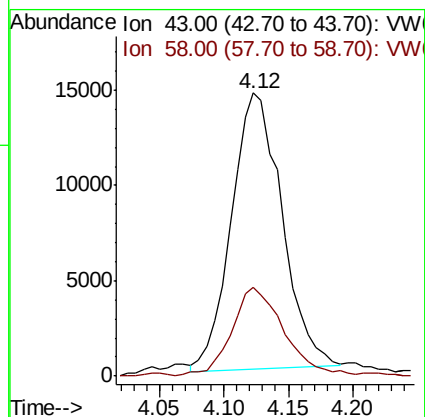
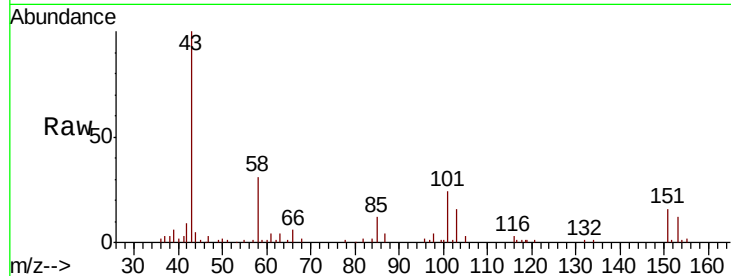
ClientSampleId :

Tot Ion: 43 Resp: 39612

Ion Ratio Lower Upper

43 100

58 32.7 0.0 53.8



#14

Carbon disulfide

Concen: 27.803 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017780.D

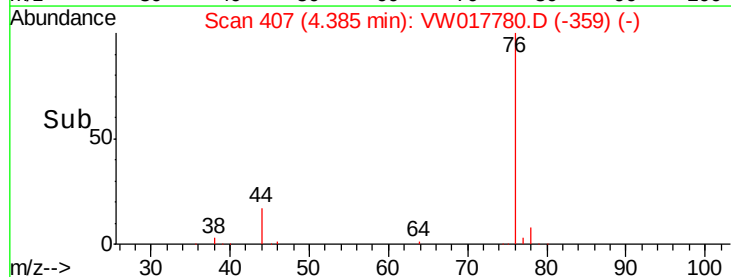
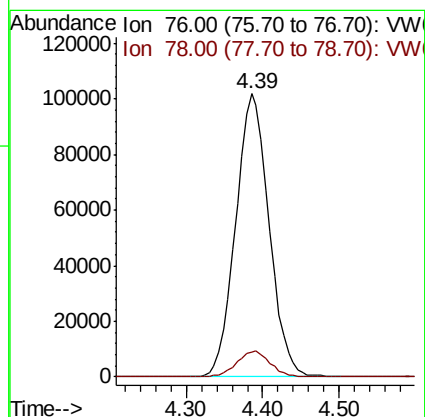
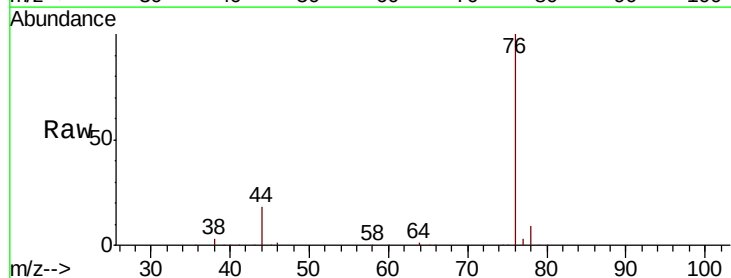
Acq: 30 Dec 2020 13:40

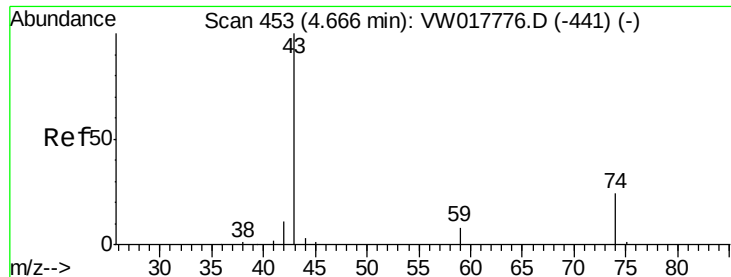
Tgt Ion: 76 Resp: 307526

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

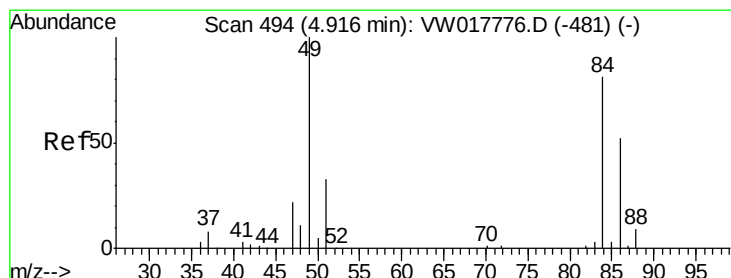
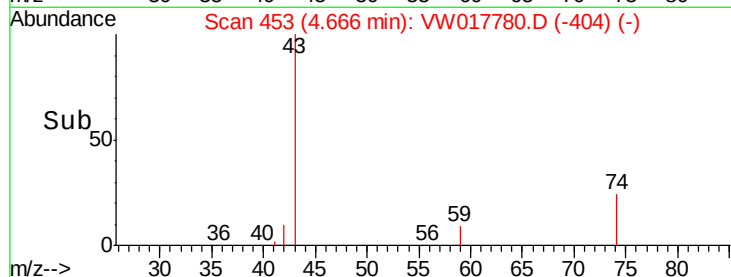
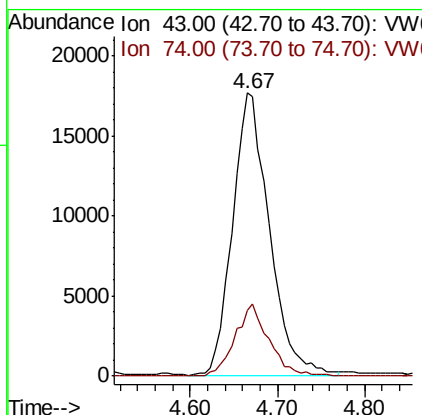
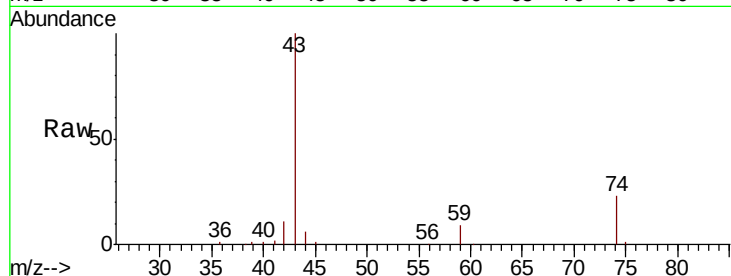




#15
Methvl Acetate
Concen: 27.070 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

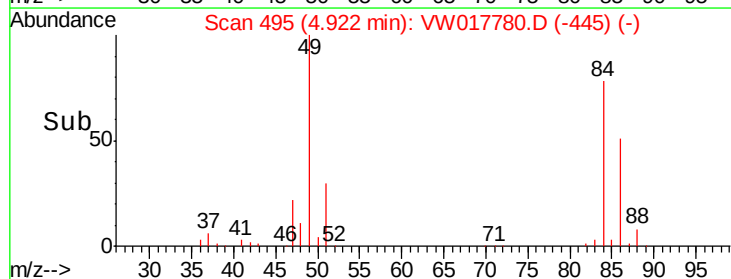
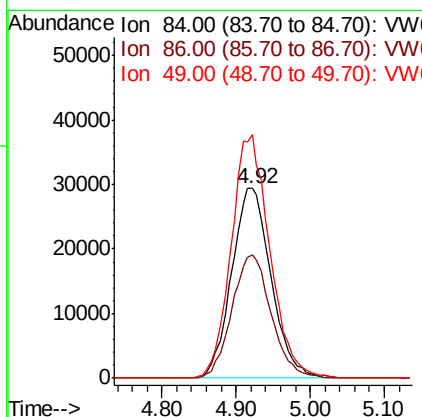
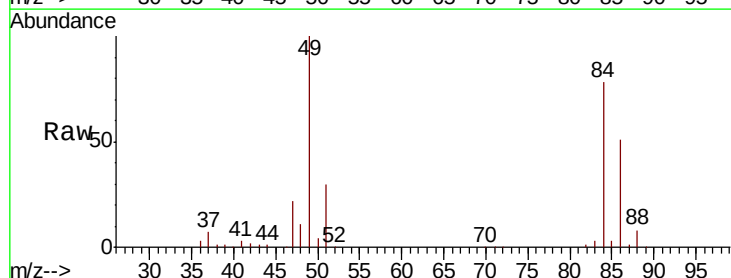
Instrument :
MSVOA_W
ClientSampleId :

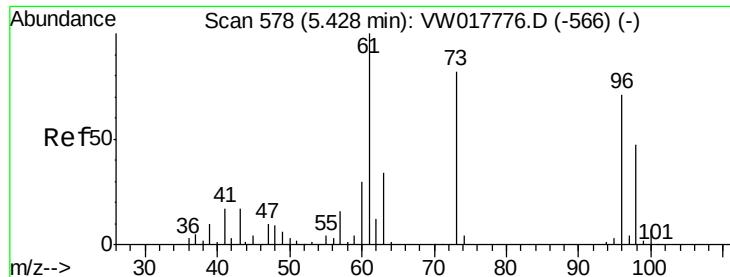
Tot Ion: 43 Resp: 51470
Ion Ratio Lower Upper
43 100
74 23.6 20.0 30.0



#16
Methylene chloride
Concen: 22.389 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 84 Resp: 109010
Ion Ratio Lower Upper
84 100
86 65.3 45.3 84.1
49 128.4 86.6 160.8

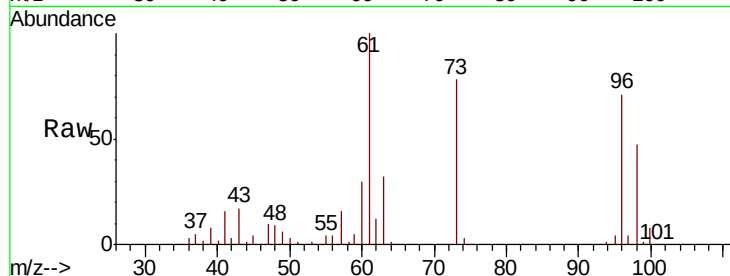




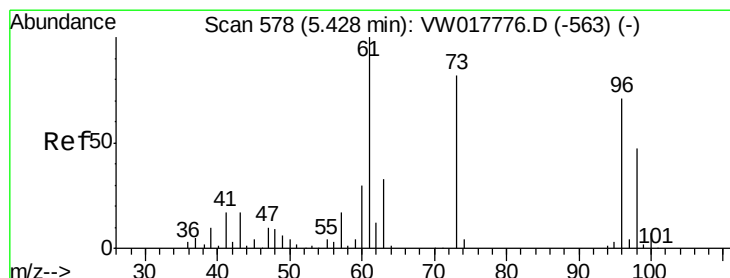
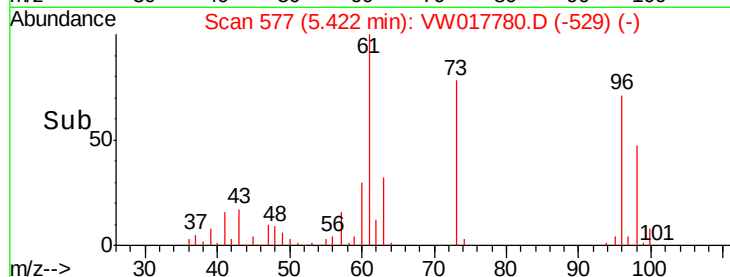
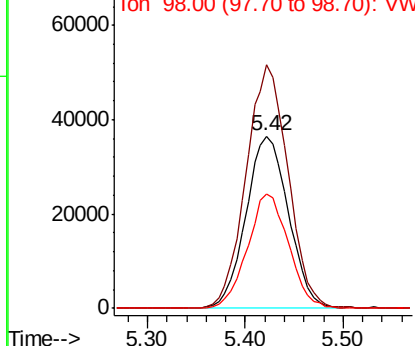
#17
trans-1,2-Dichloroethene
Concen: 26.642 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 110152
Ion Ratio Lower Upper
96 100
61 141.1 98.3 182.7
98 65.9 46.1 85.7

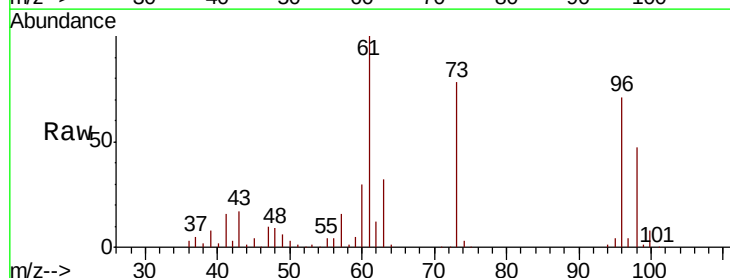


Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW

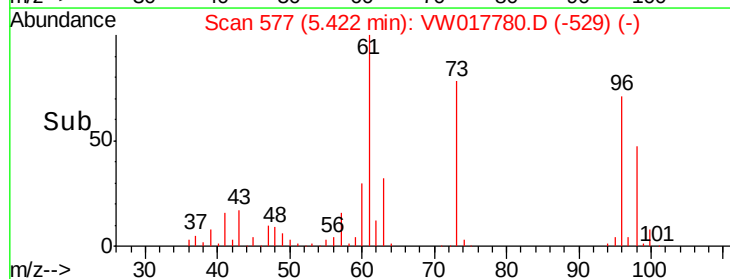
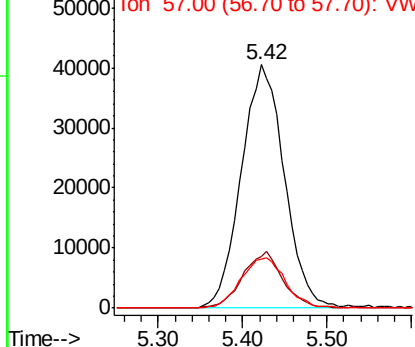


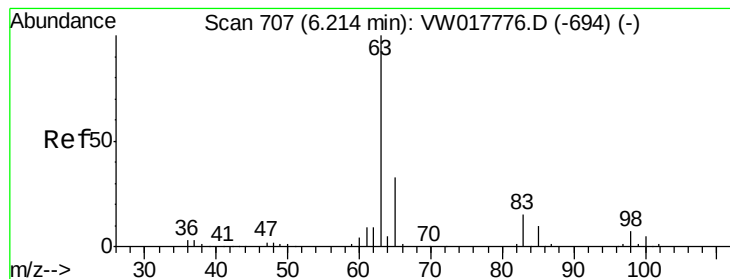
#18
Methyl tert-butyl Ether
Concen: 26.771 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 73 Resp: 141007
Ion Ratio Lower Upper
73 100
43 21.2 17.7 26.5
57 21.1 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: 26.442 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

ClientSampleId :

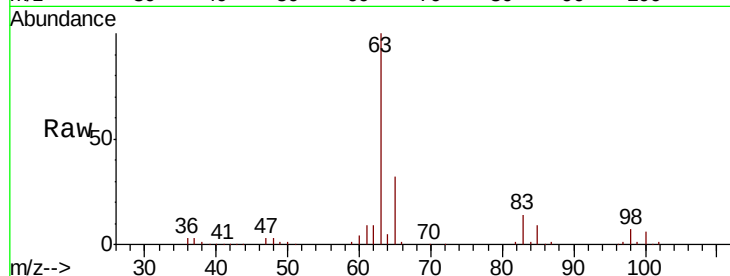
Tot Ion: 63 Resp: 193679

Ion Ratio Lower Upper

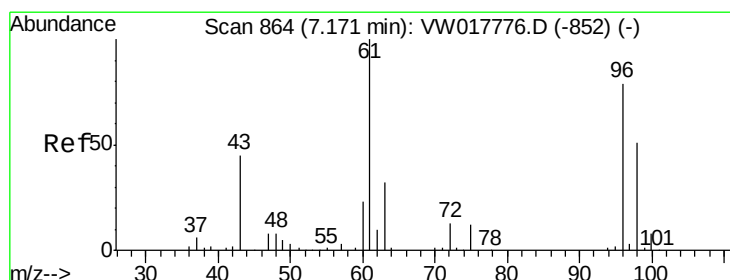
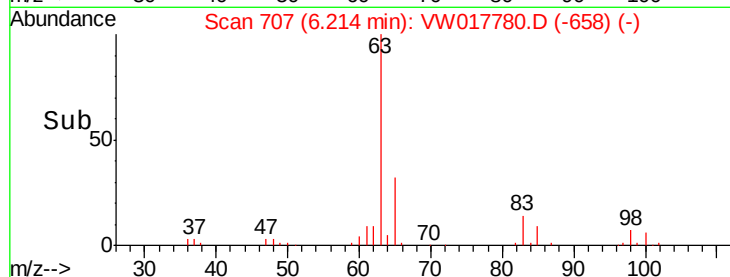
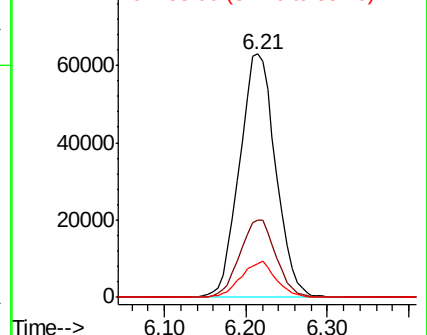
63 100

65 31.8 22.9 42.5

83 14.0 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: 26.193 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

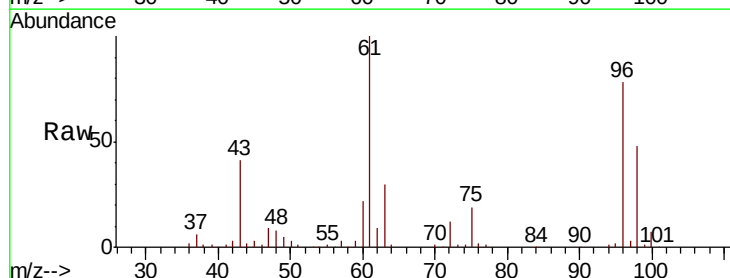
Tgt Ion: 96 Resp: 115881

Ion Ratio Lower Upper

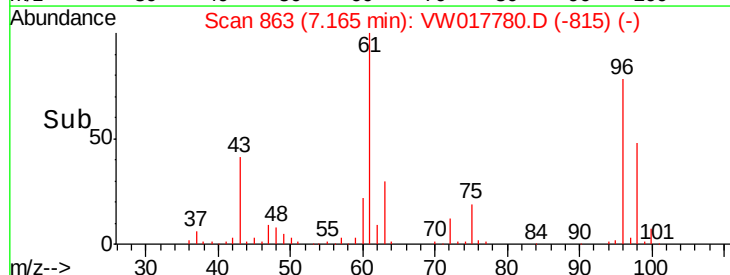
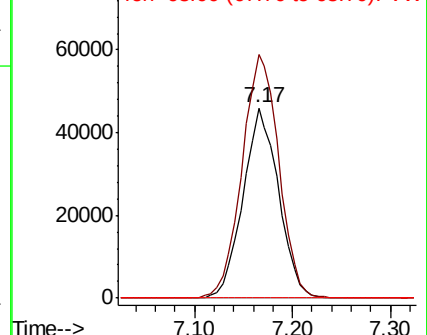
96 100

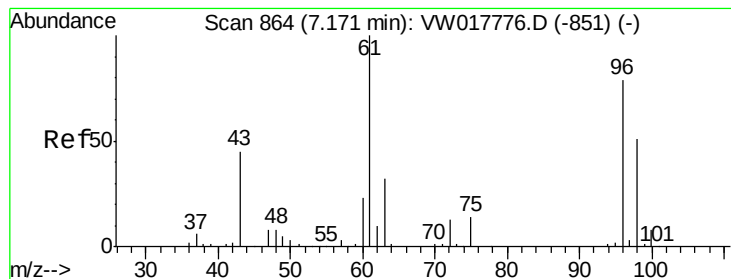
61 128.1 88.5 164.3

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: 48.780 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

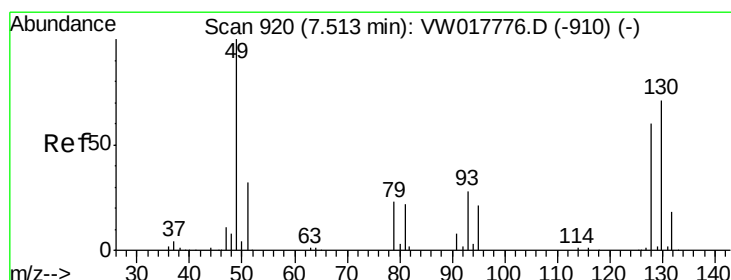
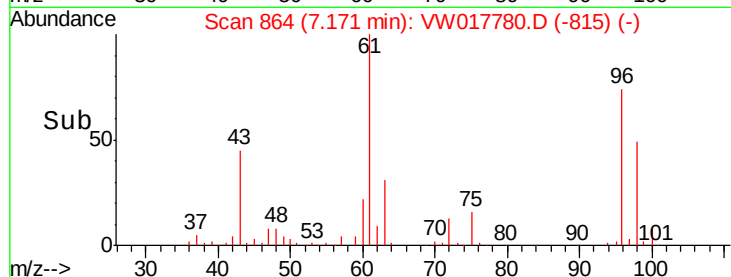
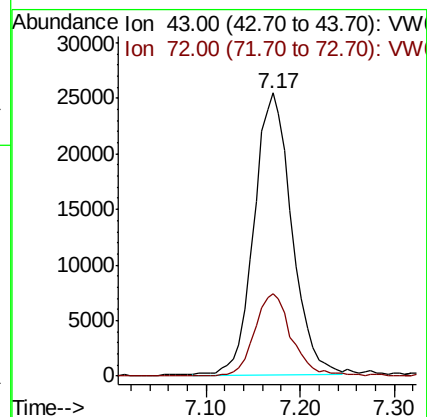
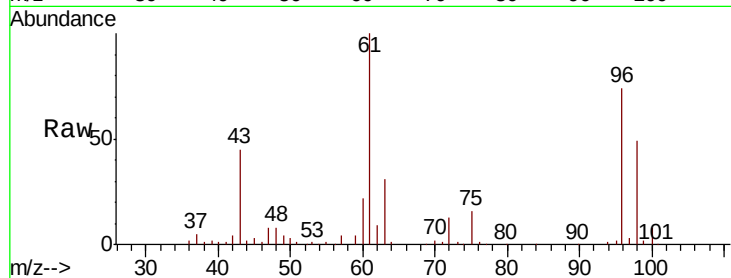
ClientSampled :

Tot Ion: 43 Resp: 71346

Ion Ratio Lower Upper

43 100

72 28.5 14.9 44.7



#23

Bromochloromethane

Concen: 25.883 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Tgt Ion:128 Resp: 52401

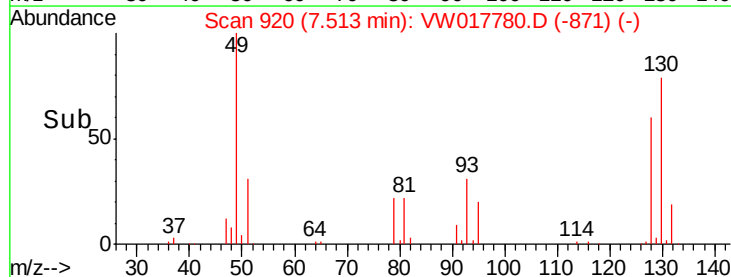
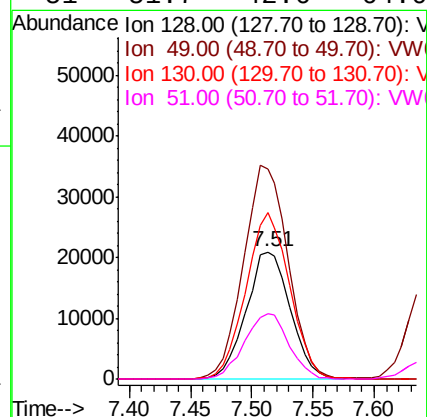
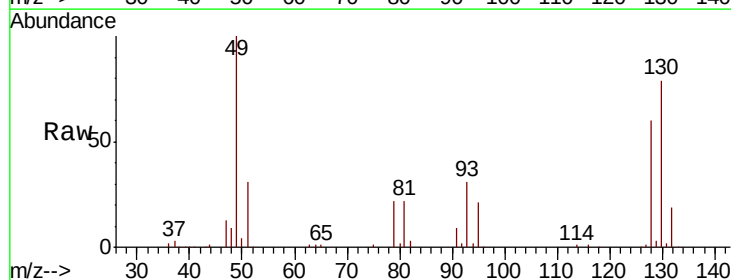
Ion Ratio Lower Upper

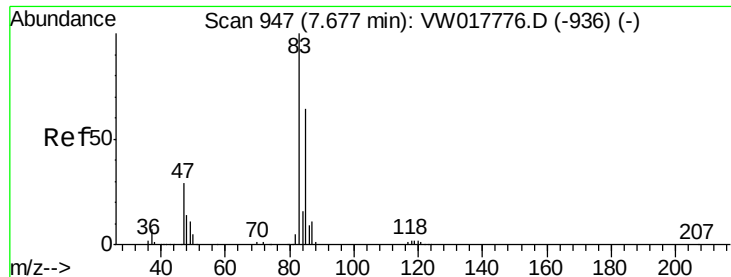
128 100

49 165.7 116.3 215.9

130 131.1 82.4 153.0

51 51.7 42.6 64.0

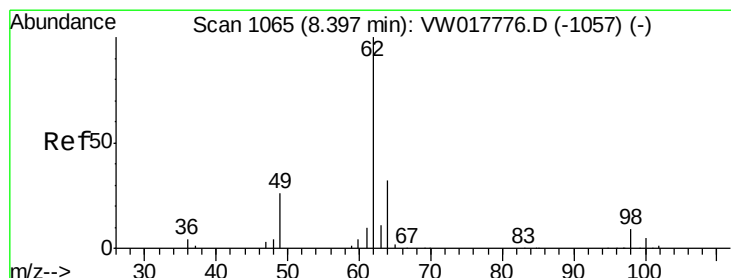
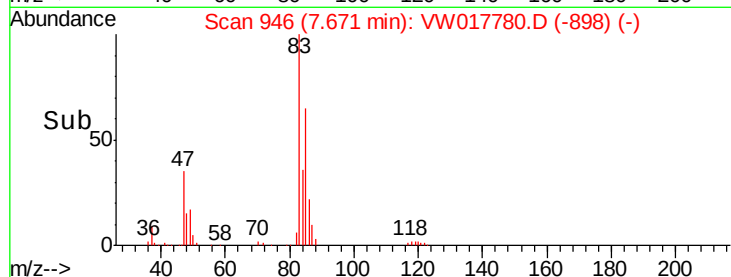
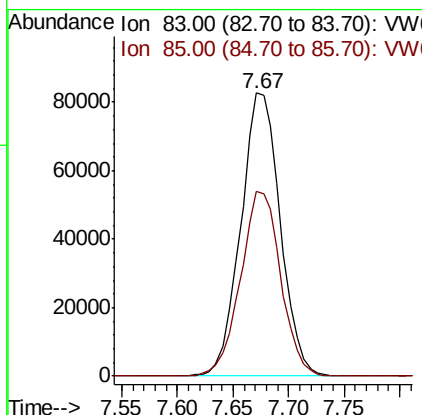
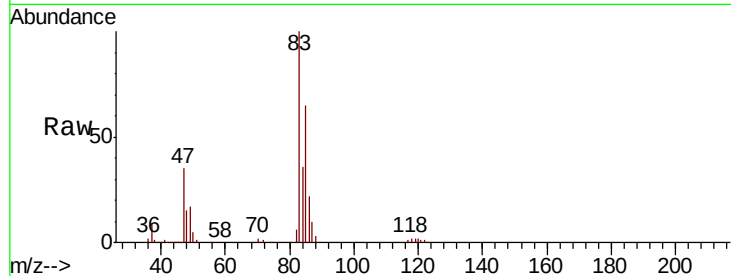




#25
Chloroform
Concen: 26.270 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

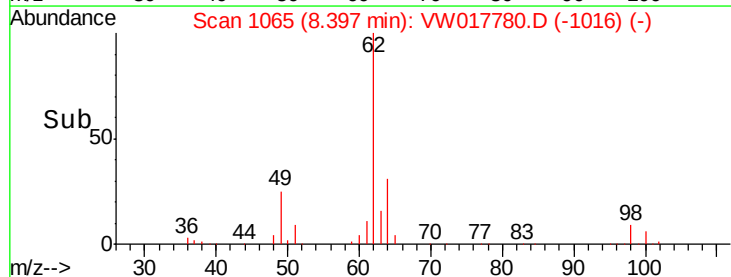
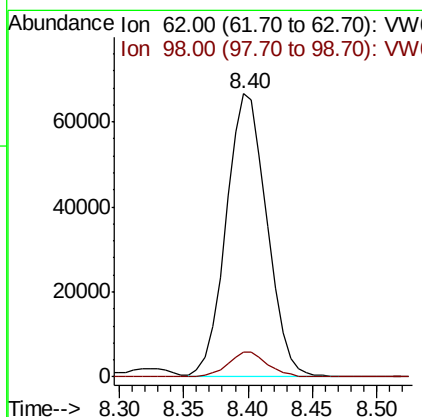
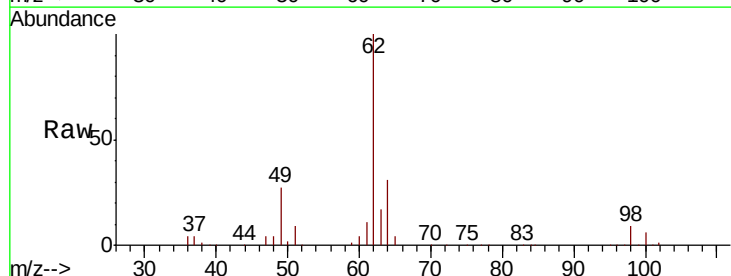
Instrument :
MSVOA_W
ClientSampled :

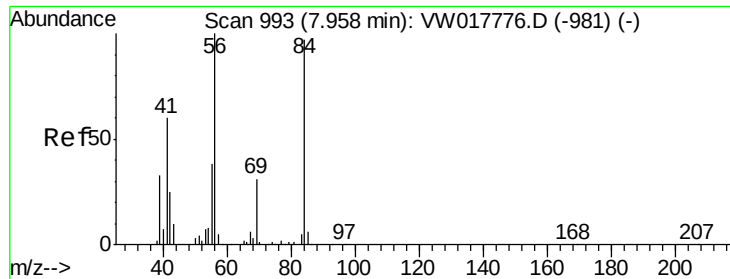
Tot Ion: 83 Resp: 204106
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.349 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 62 Resp: 146193
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3

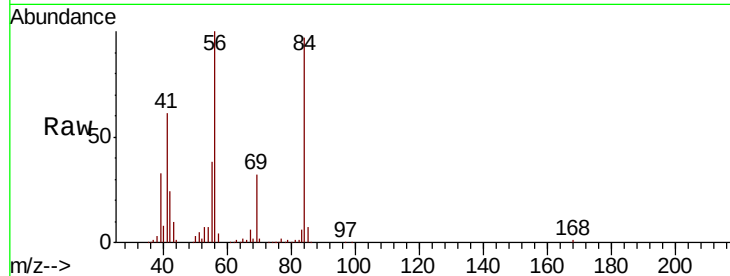




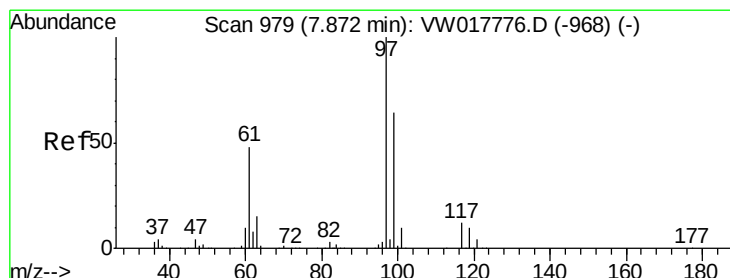
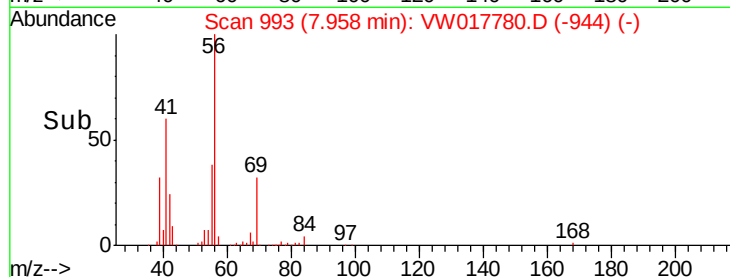
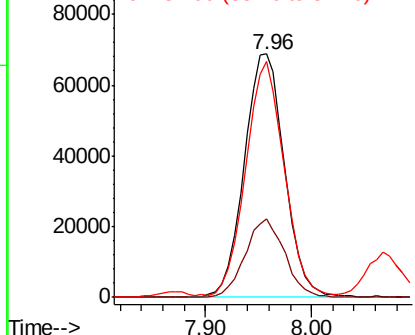
#29
Cyclohexane
Concen: 26.968 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.5	36.7
84	93.0	75.0	112.4

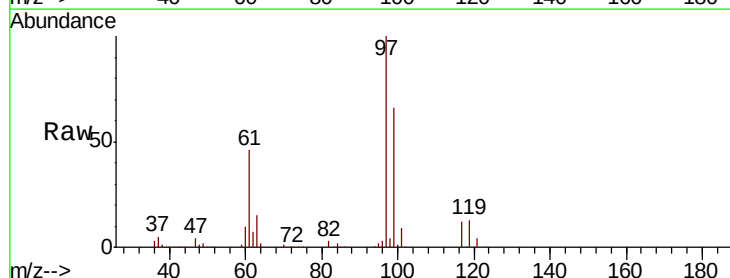


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

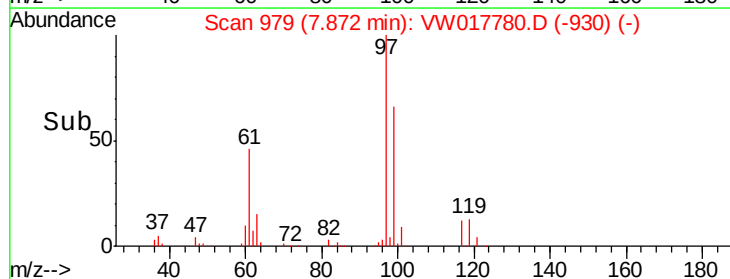
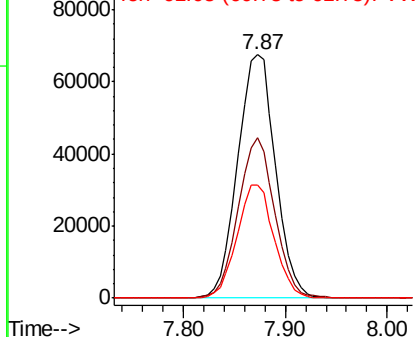


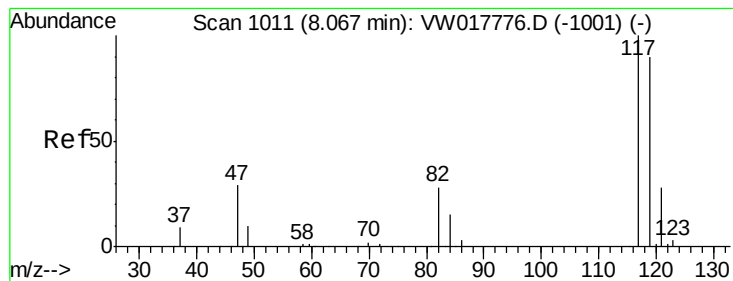
#30
1,1,1-Trichloroethane
Concen: 26.287 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	45.5	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: 26.823 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

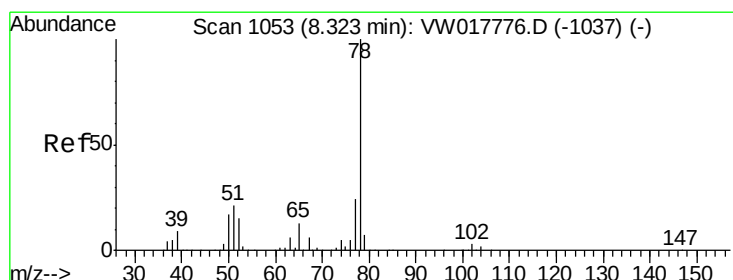
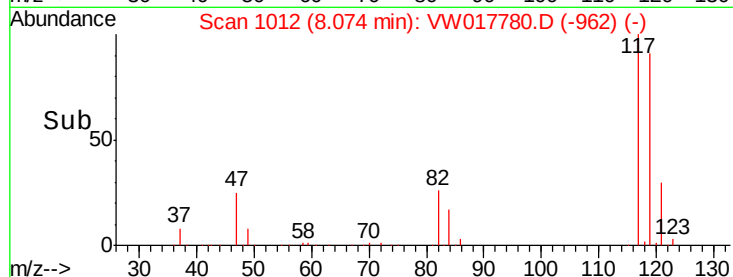
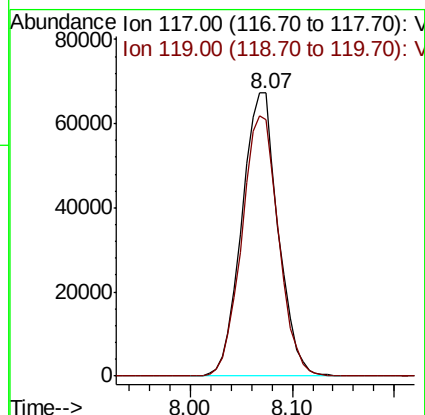
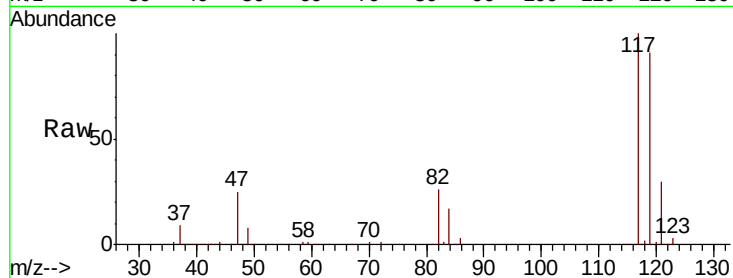
ClientSampleId :

Tot Ion:117 Resp: 166732

Ion Ratio Lower Upper

117 100

119 93.2 76.5 114.7



#33

Benzene

Concen: 26.475 ug/L

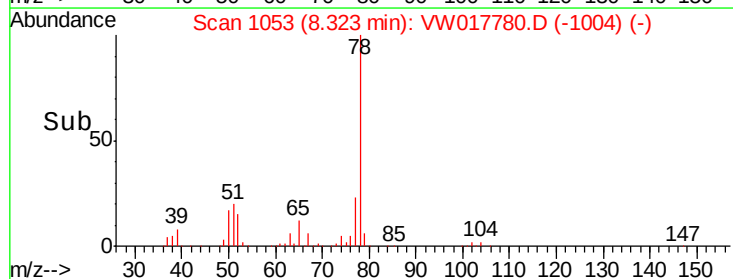
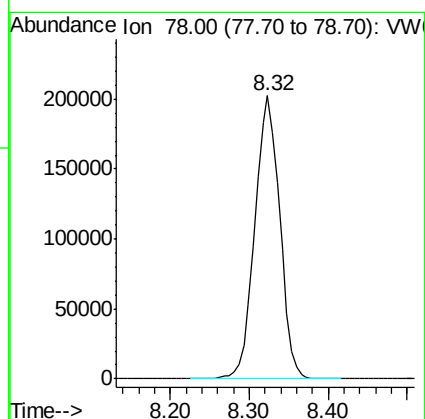
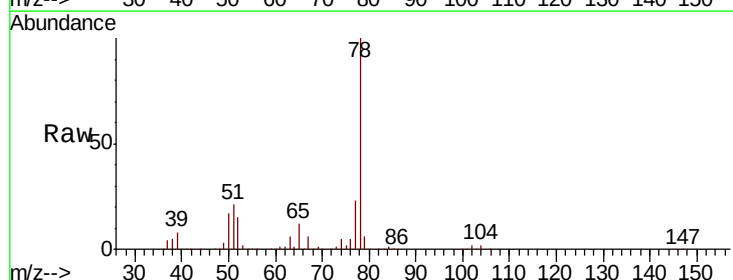
RT: 8.32 min Scan# 1053

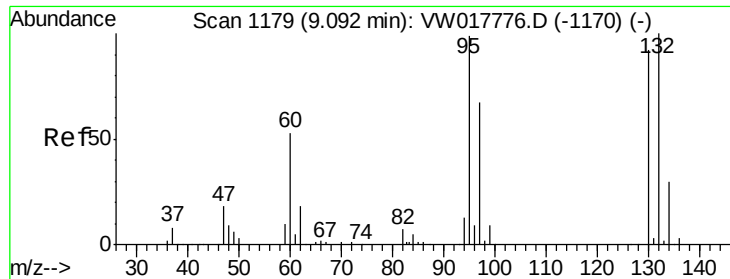
Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Tgt Ion: 78 Resp: 444964





#34

Trichloroethene

Concen: 25.887 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 118823

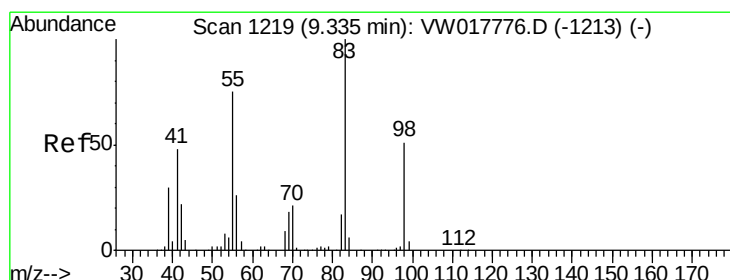
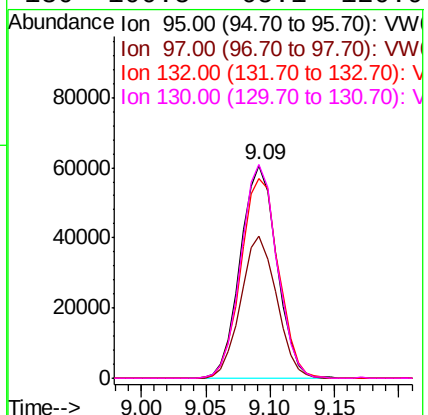
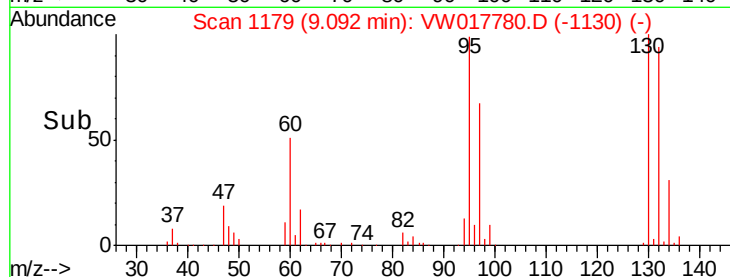
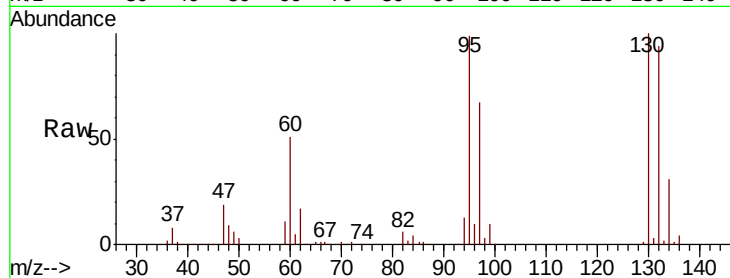
Ion Ratio Lower Upper

95 100

97 67.1 47.3 87.8

132 94.2 71.0 131.8

130 100.5 65.1 120.9



#35

Methylcyclohexane

Concen: 27.115 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

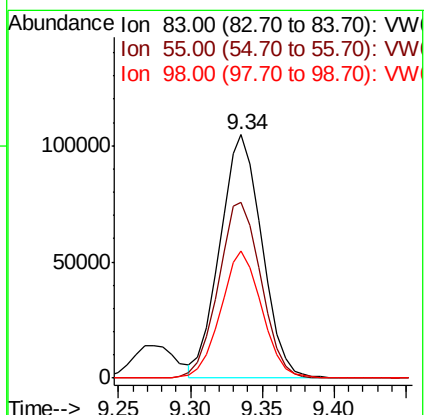
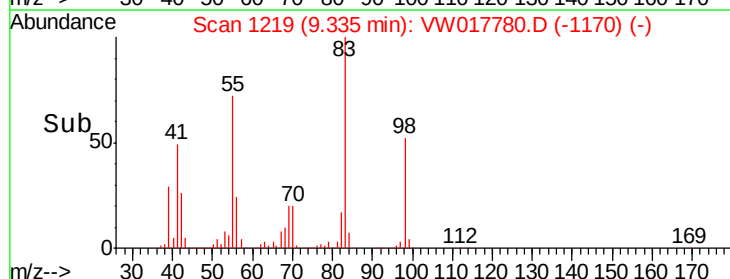
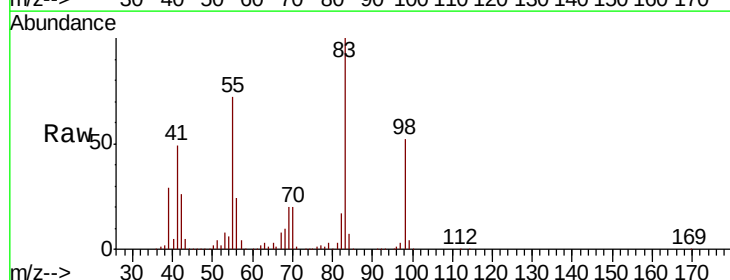
Tgt Ion: 83 Resp: 213110

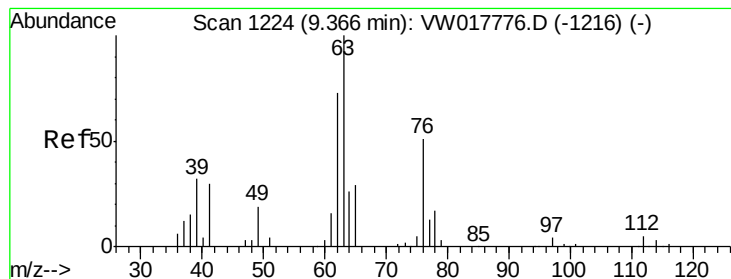
Ion Ratio Lower Upper

83 100

55 73.8 58.9 88.3

98 51.2 40.1 60.1





#37

1,2-Dichloropropane

Concen: 26.638 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

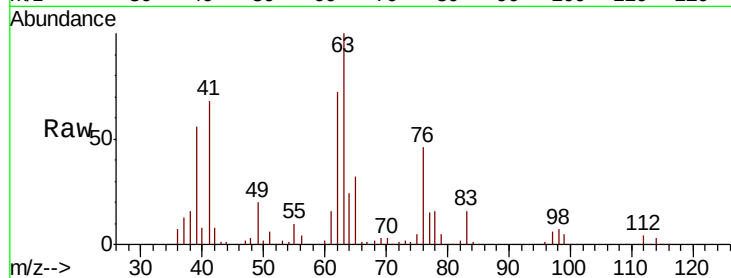
ClientSampleId :

Tot Ion: 63 Resp: 108363

Ion Ratio Lower Upper

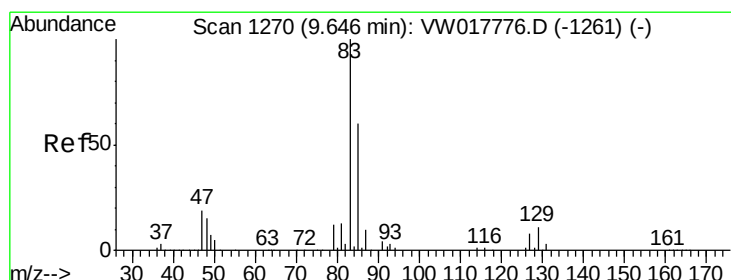
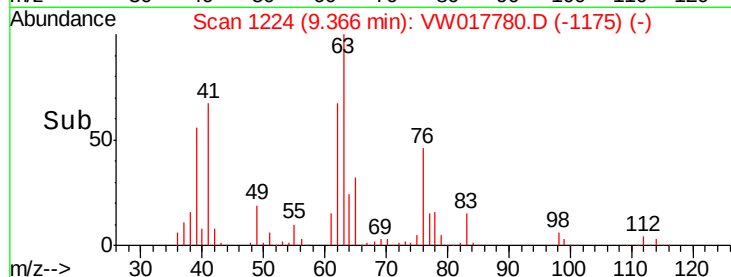
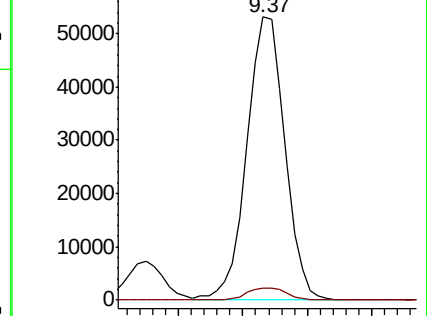
63 100

112 4.4 3.9 5.9



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 26.087 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

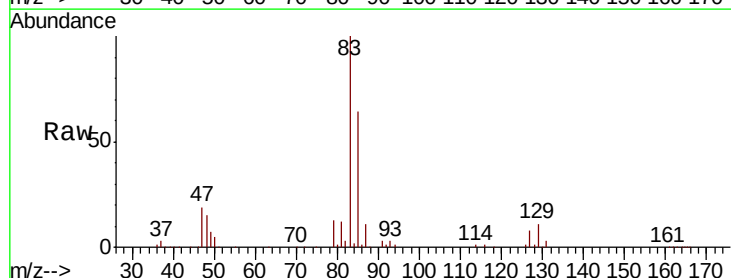
Tgt Ion: 83 Resp: 149888

Ion Ratio Lower Upper

83 100

85 64.0 42.3 78.5

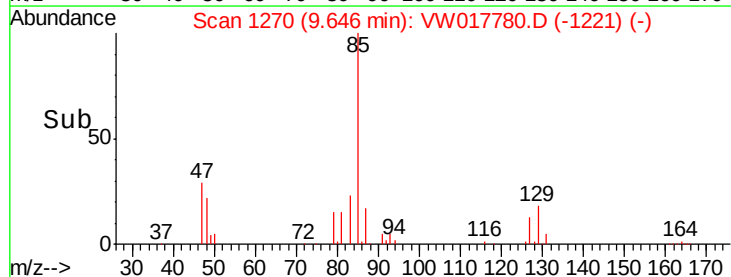
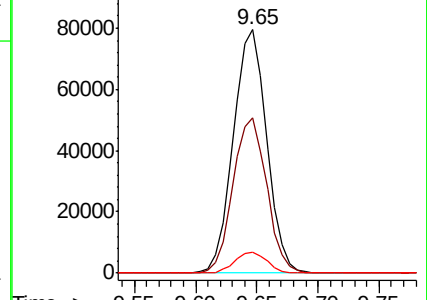
127 8.4 6.6 9.8

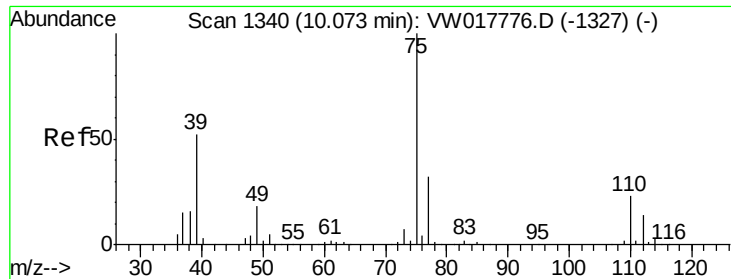


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

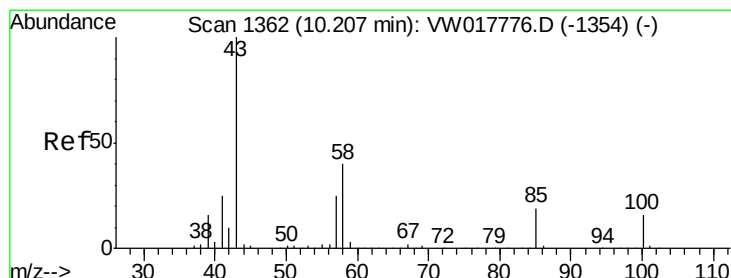
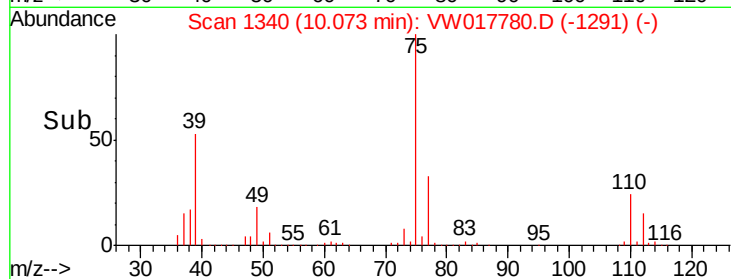
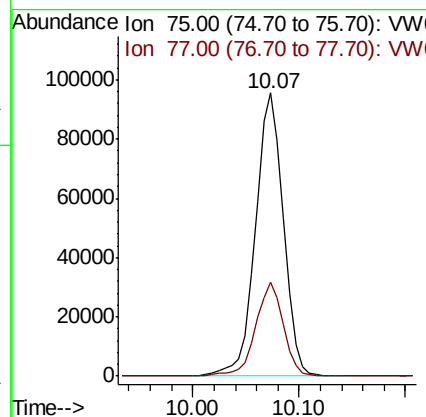
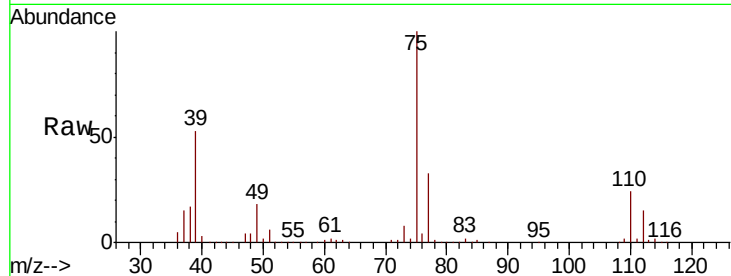




#39
 cis-1,3-Dichloropropene
 Concen: 27.127 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

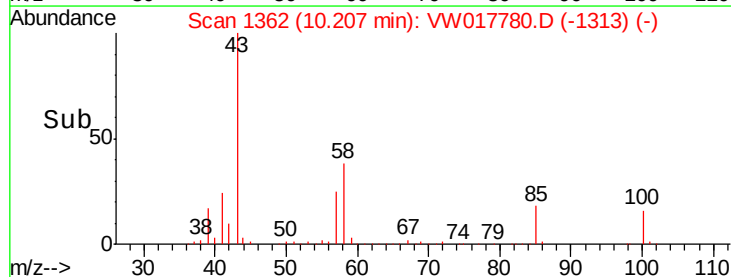
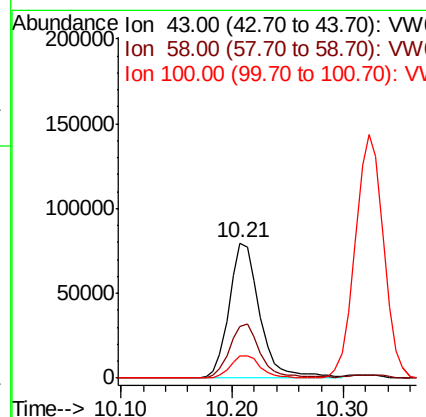
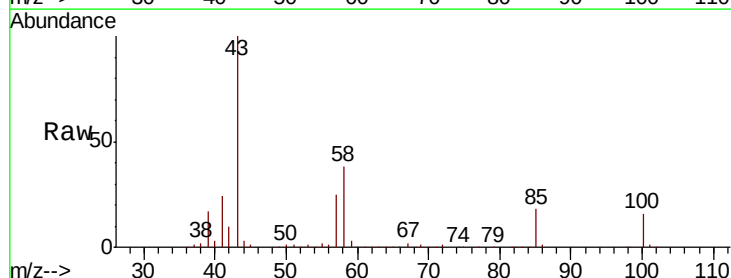
Instrument :
 MSVOA_W
 ClientSampleId :

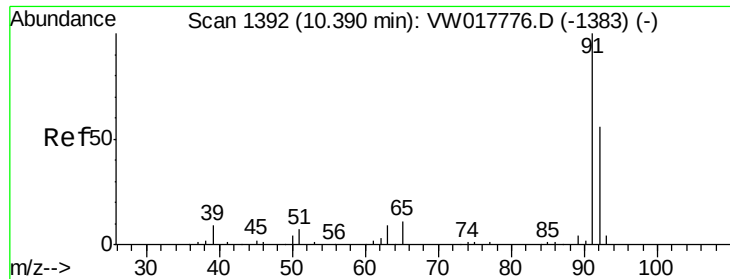
Tot Ion: 75 Resp: 176185
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 52.588 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion: 43 Resp: 151846
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.0 46.4
 100 16.0 13.0 19.6





#42

Toluene

Concen: 26.653 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

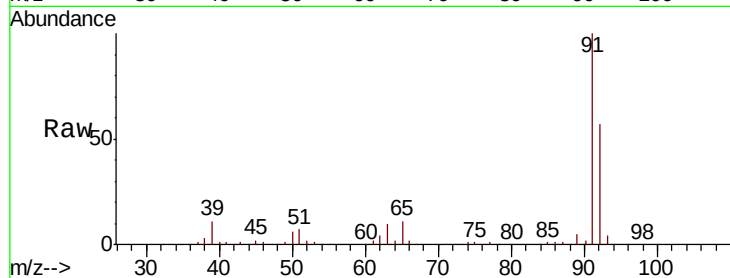
ClientSampled :

Tot Ion: 91 Resp: 507348

Ion Ratio Lower Upper

91 100

92 57.3 39.5 73.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.38

300000

250000

200000

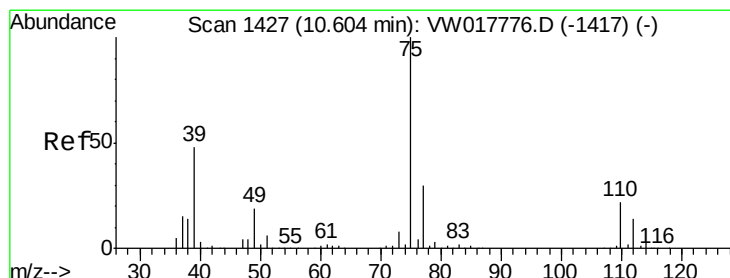
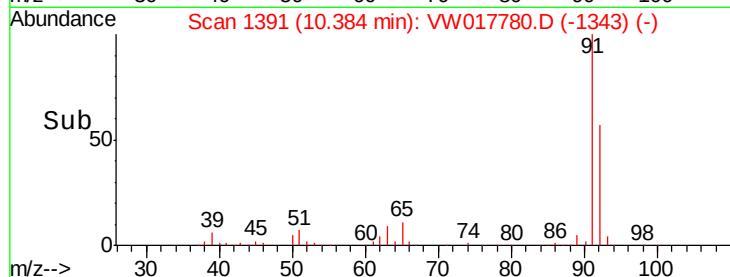
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 27.434 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW017780.D

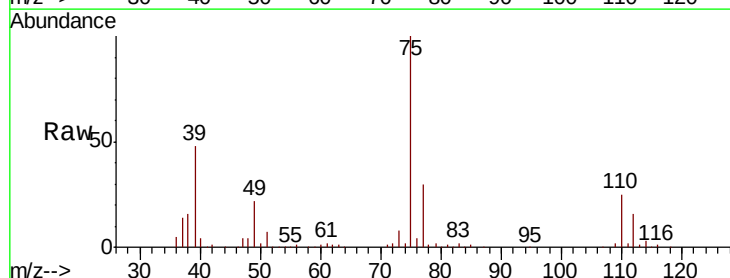
Acq: 30 Dec 2020 13:40

Tgt Ion: 75 Resp: 162475

Ion Ratio Lower Upper

75 100

77 30.4 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

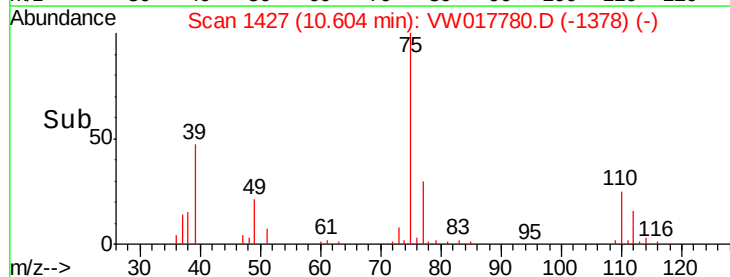
60000

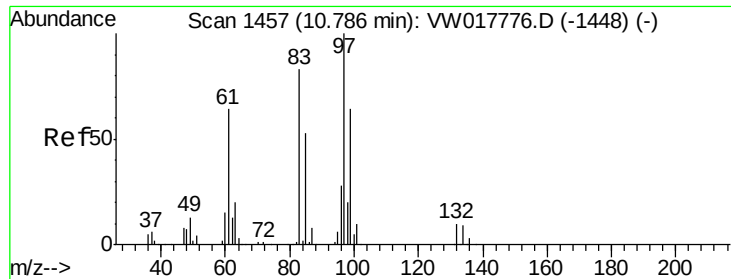
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 25.626 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

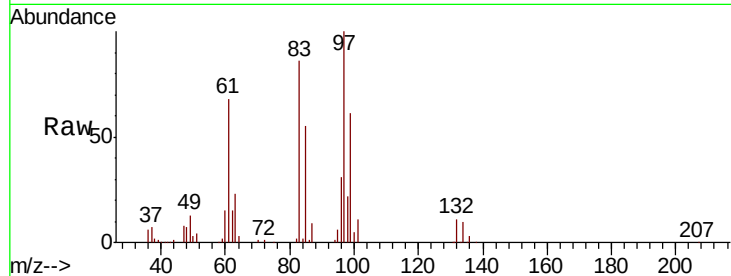
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 87498

Ion	Ratio	Lower	Upper
97	100		
99	61.2	45.1	83.7
83	85.9	58.1	107.9
85	55.2	37.3	69.3



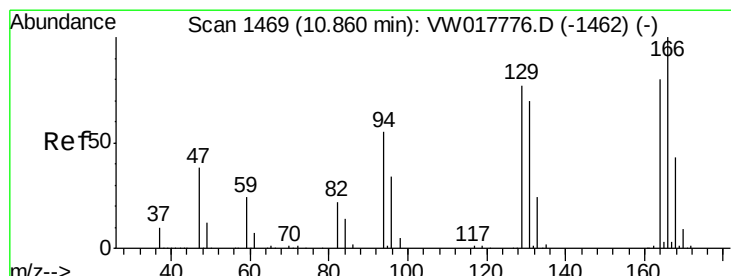
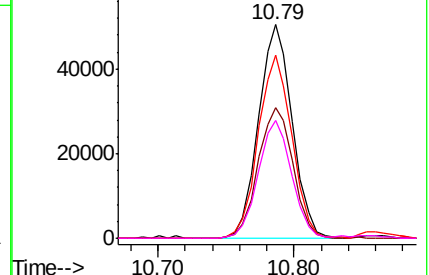
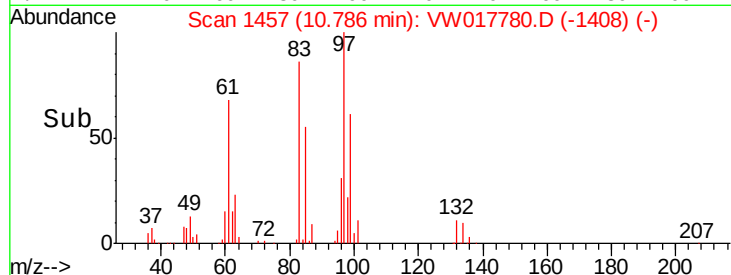
Abundance

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: 26.837 ug/L

RT: 10.86 min Scan# 1469

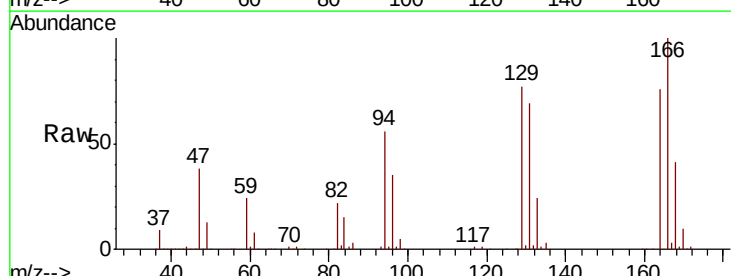
Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Tgt Ion: 164 Resp: 94397

Ion	Ratio	Lower	Upper
164	100		
129	100.9	66.7	123.9
131	90.7	61.1	113.5
166	130.9	87.0	161.6



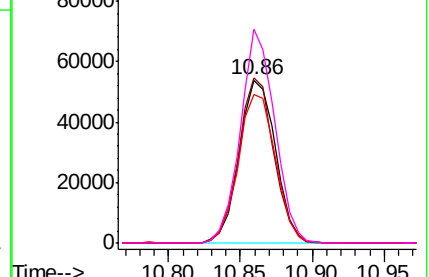
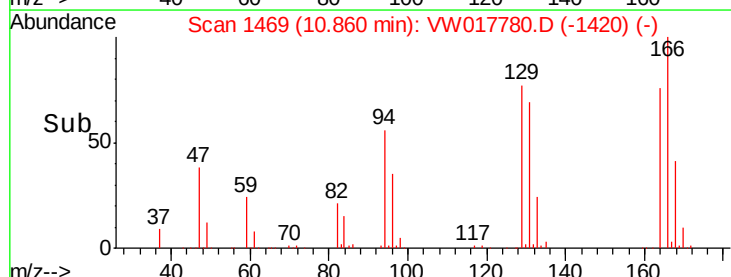
Abundance

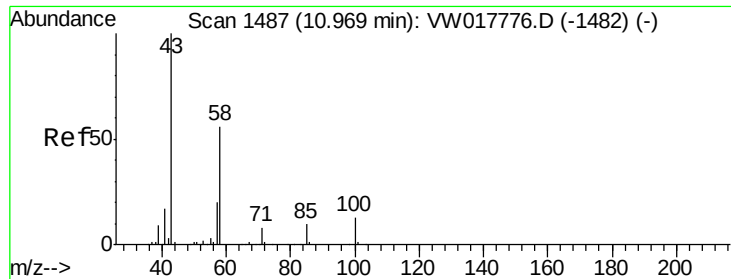
Ion 164.00 (163.70 to 164.70): V

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

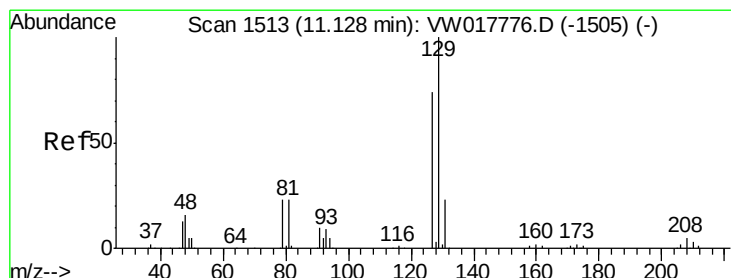
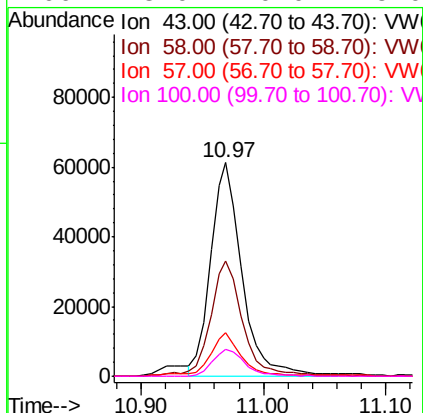
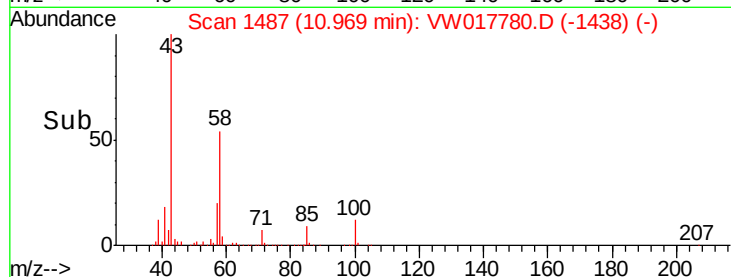
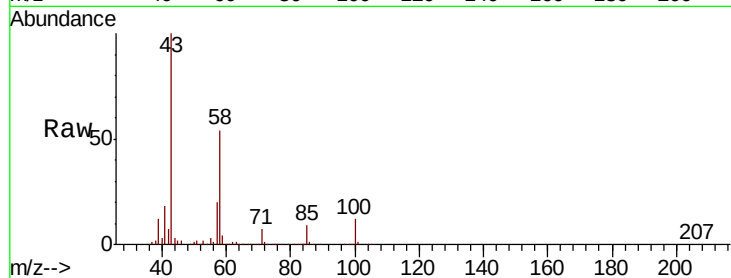




#48
2-Hexanone
Concen: 54.083 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

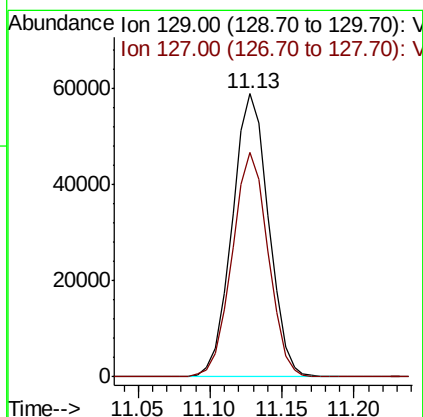
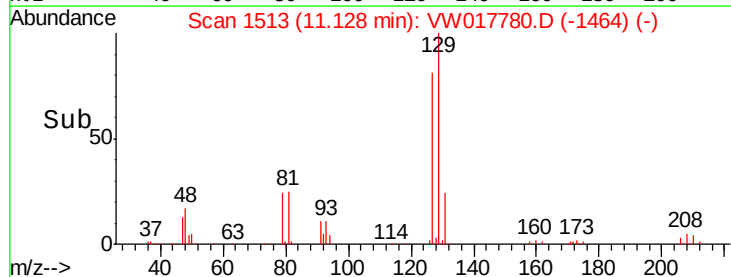
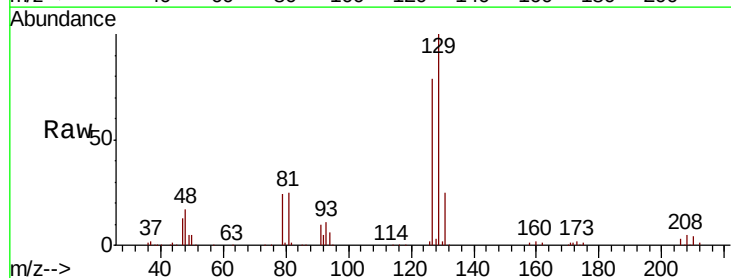
Instrument :
MSVOA_W
ClientSampleId :

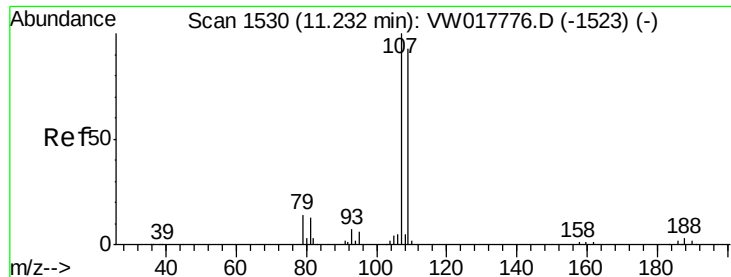
Tot Ion: 43 Resp: 109403
Ion Ratio Lower Upper
43 100
58 54.5 42.7 64.1
57 19.4 15.8 23.8
100 13.0 10.0 15.0



#49
Dibromochloromethane
Concen: 26.463 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 129 Resp: 103691
Ion Ratio Lower Upper
129 100
127 79.4 51.7 95.9

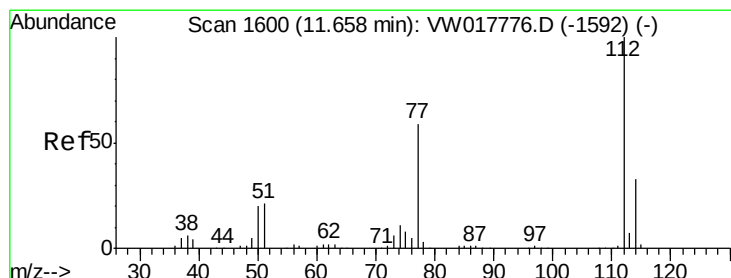
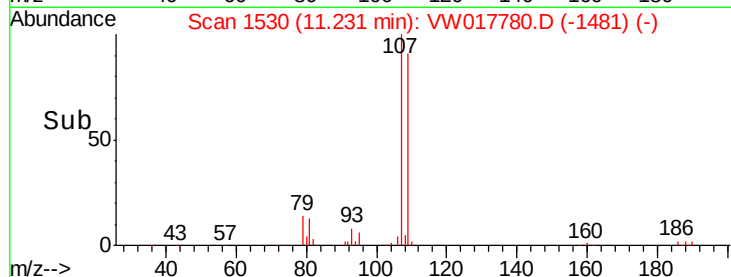
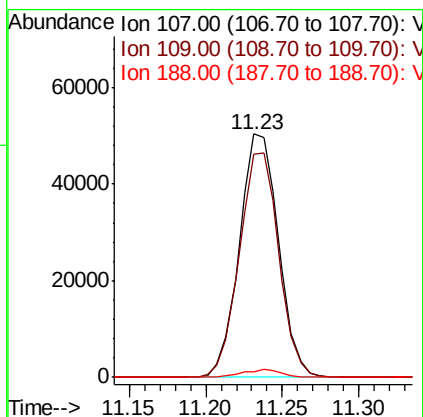
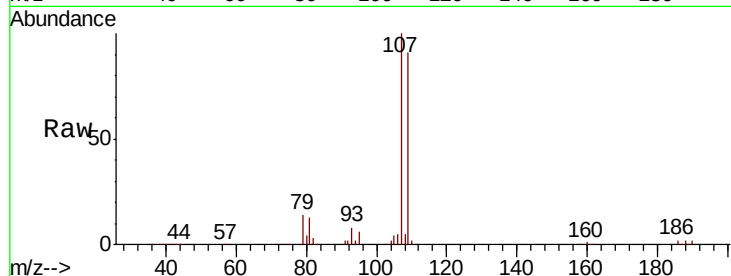




#50
1,2-Dibromoethane
Concen: 26.529 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

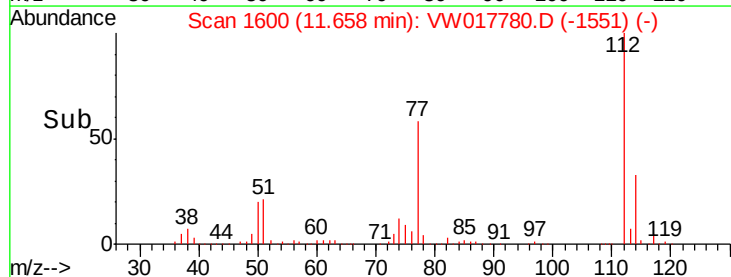
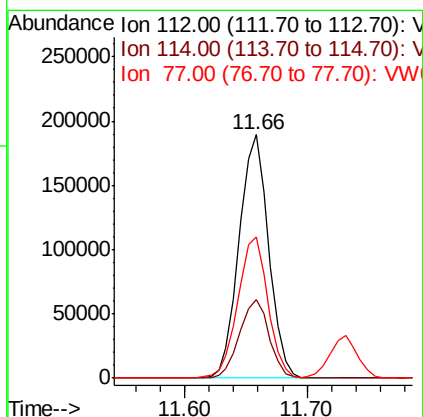
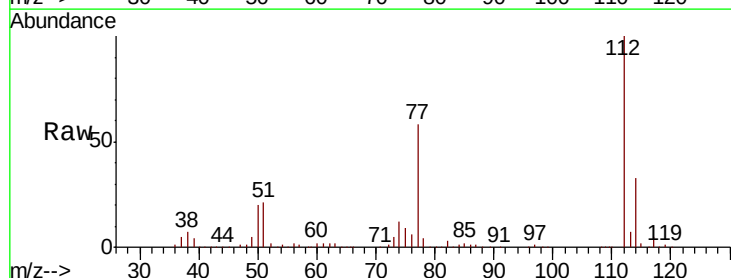
Instrument :
MSVOA_W
ClientSampleId :

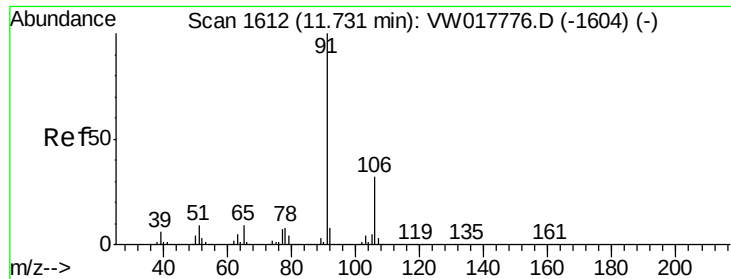
Tot Ion:107 Resp: 89502
Ion Ratio Lower Upper
107 100
109 91.5 65.4 121.4
188 2.7 2.6 4.0



#51
Chlorobenzene
Concen: 26.228 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion:112 Resp: 316793
Ion Ratio Lower Upper
112 100
114 32.5 23.4 43.6
77 58.2 47.6 71.4

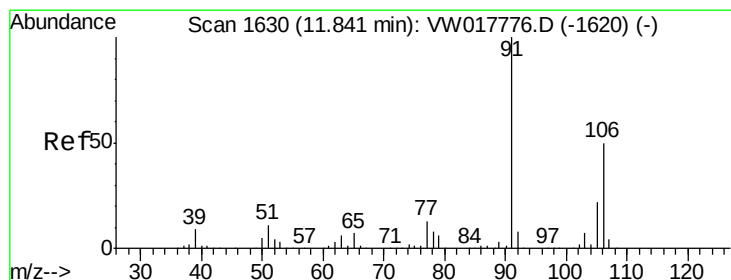
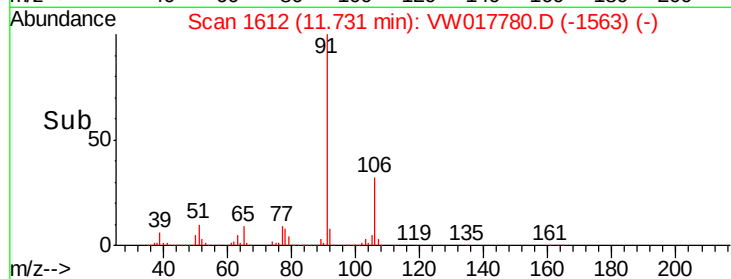
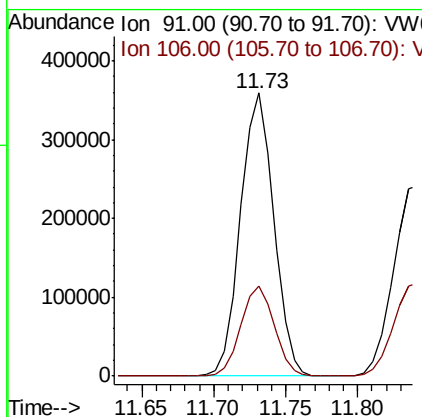
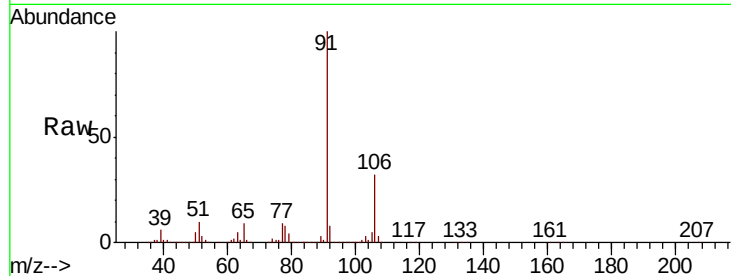




#52
Ethylbenzene
Concen: 26.478 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

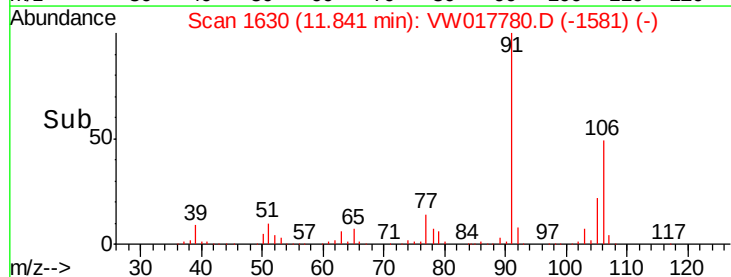
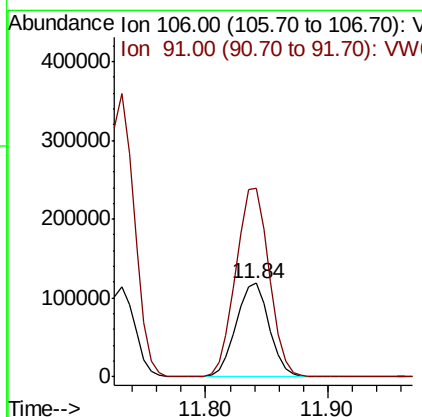
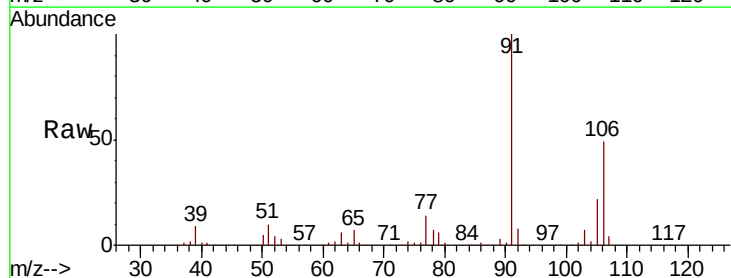
Instrument :
MSVOA_W
ClientSampled :

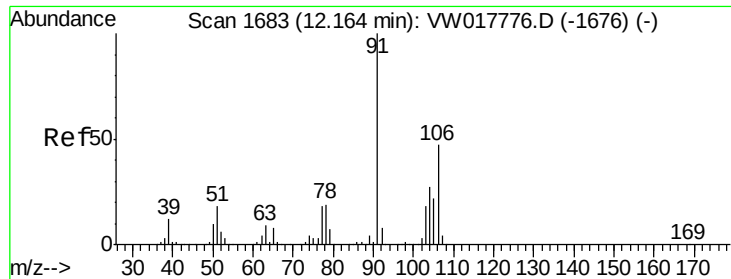
Tot Ion: 91 Resp: 575606
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.7



#53
m,p-Xylene
Concen: 26.330 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion: 106 Resp: 221448
Ion Ratio Lower Upper
106 100
91 202.3 141.3 262.3

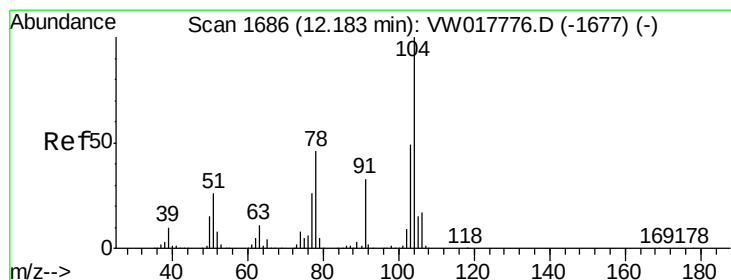
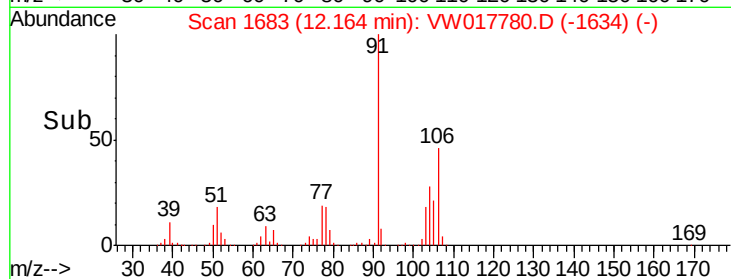
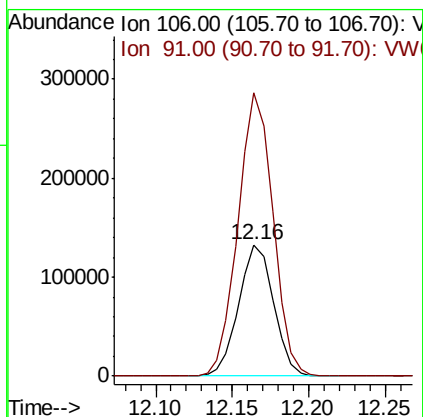
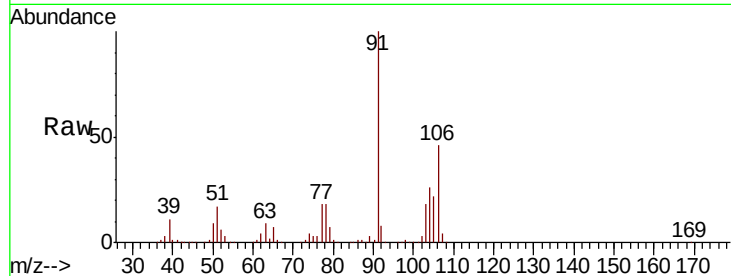




#54
o-Xylene
Concen: 26.591 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

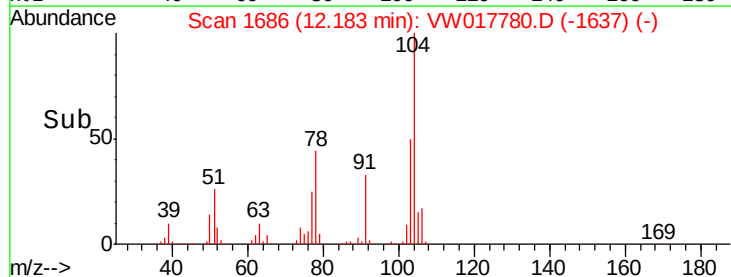
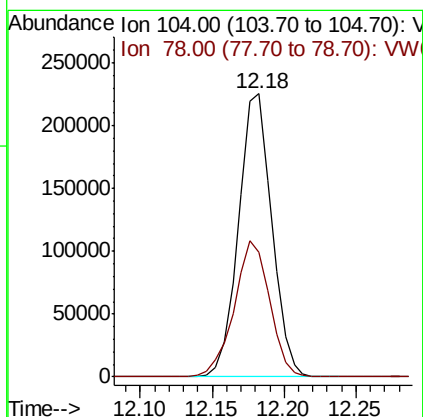
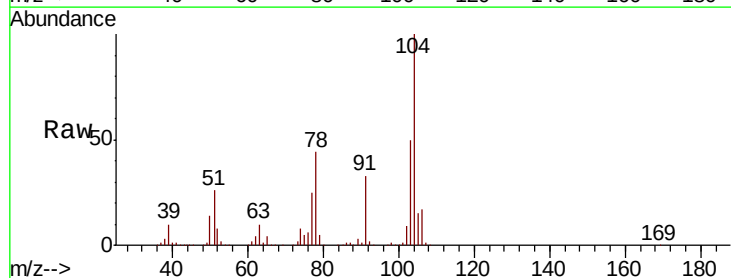
Instrument :
MSVOA_W
ClientSampleId :

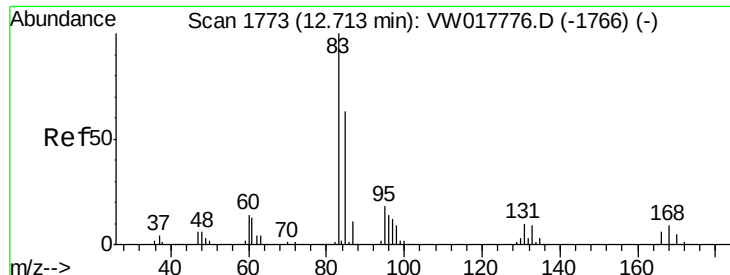
Tot Ion:106 Resp: 211080
Ion Ratio Lower Upper
106 100
91 215.6 150.0 278.6



#55
Styrene
Concen: 26.643 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion:104 Resp: 361866
Ion Ratio Lower Upper
104 100
78 44.1 32.5 60.3

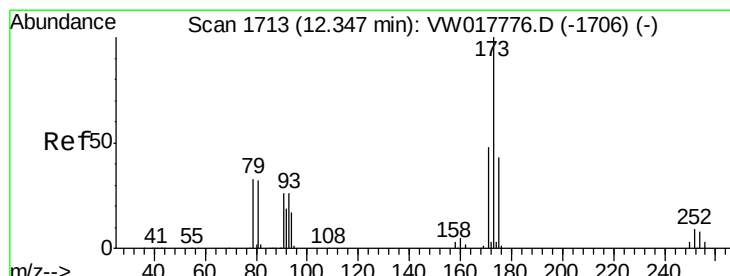
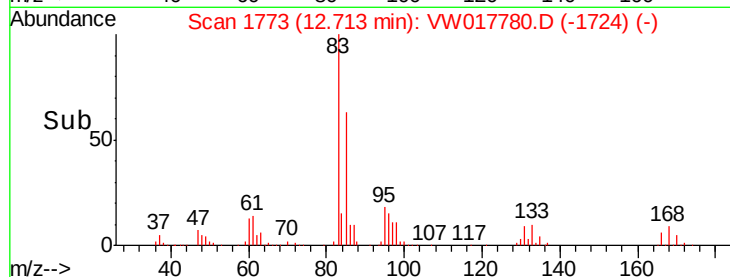
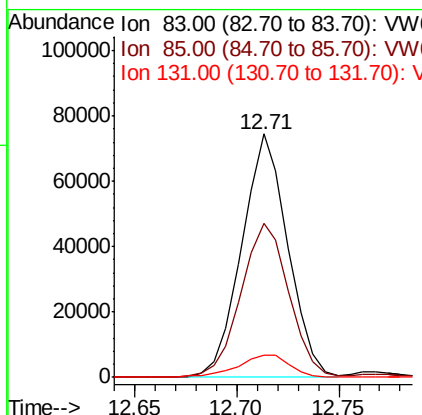
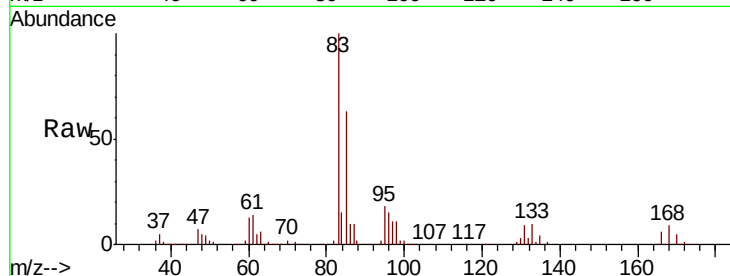




#57
 1,1,2,2-Tetrachloroethane
 Concen: 26.316 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

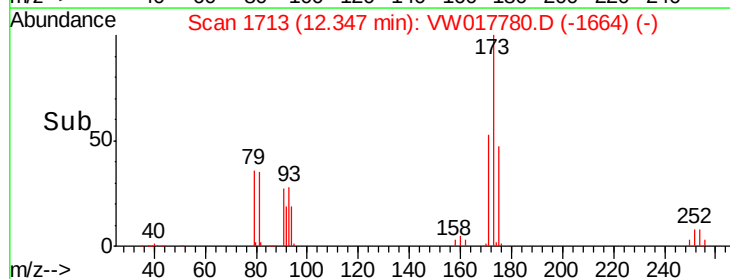
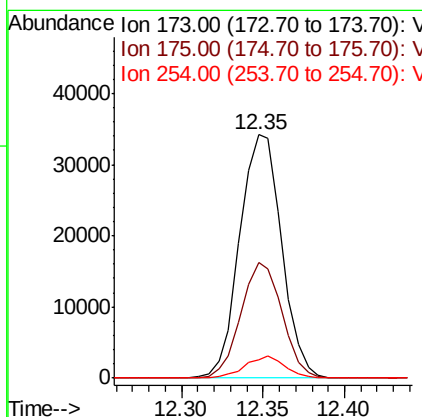
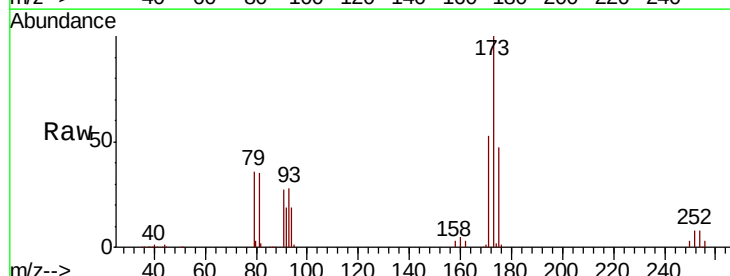
Instrument :
 MSVOA_W
 ClientSampleId :

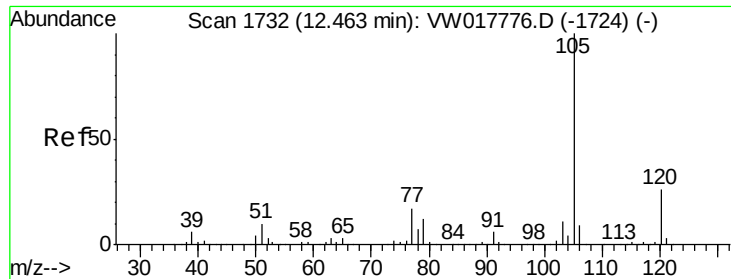
Tot Ion	83	Resp	116832
Ion Ratio	Lower	Upper	
83	100		
85	63.3	44.4	82.4
131	9.0	8.2	12.4



#59
 Bromoform
 Concen: 27.138 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion	173	Resp	61185
Ion Ratio	Lower	Upper	
173	100		
175	46.5	37.5	56.3
254	8.5	7.0	10.4





#60

Isopropylbenzene

Concen: 26.964 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

Instrument :

MSVOA_W

ClientSampled :

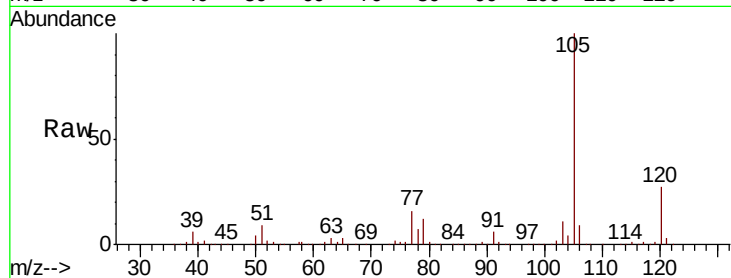
Tot Ion:105 Resp: 592752

Ion Ratio Lower Upper

105 100

120 26.8 21.1 31.7

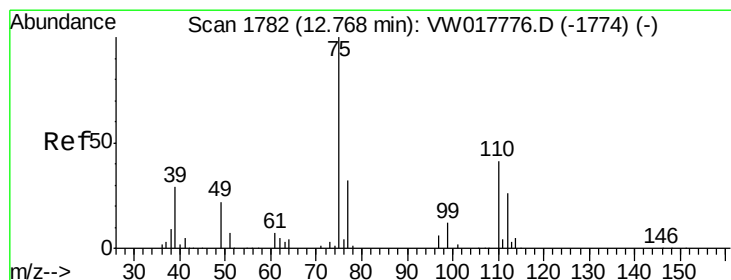
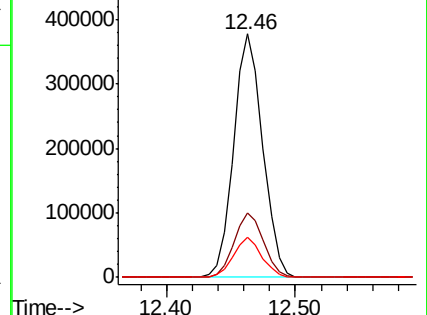
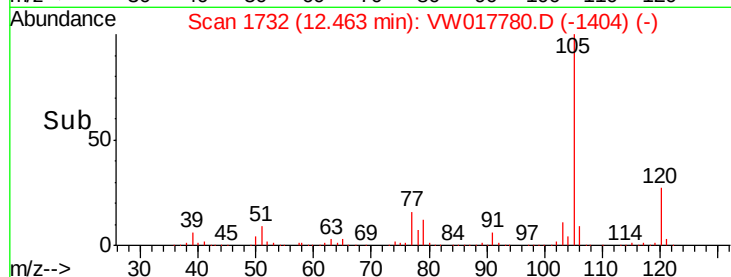
77 16.0 13.2 19.8



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: 26.070 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW017780.D

Acq: 30 Dec 2020 13:40

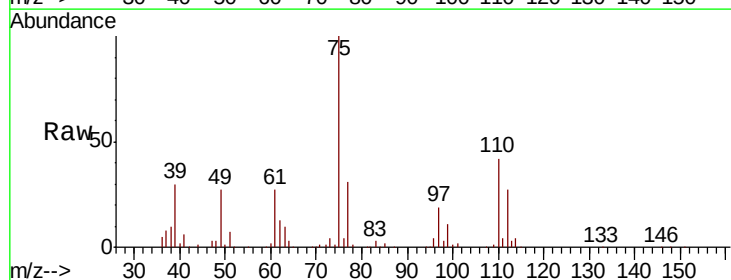
Tgt Ion: 75 Resp: 86275

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

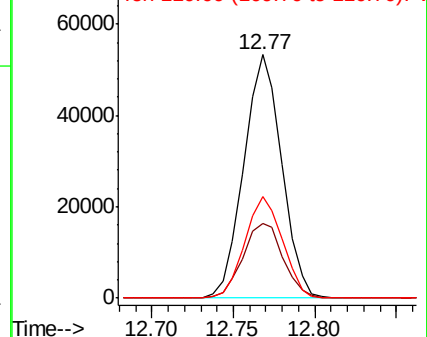
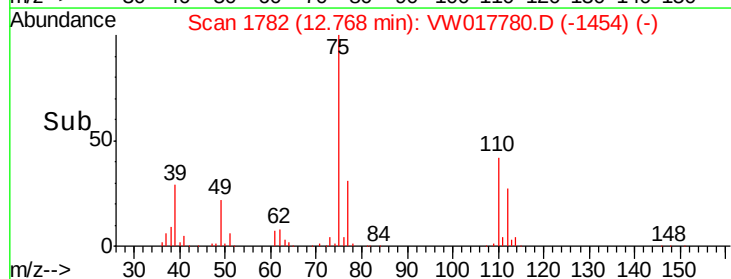
110 41.4 32.6 48.8

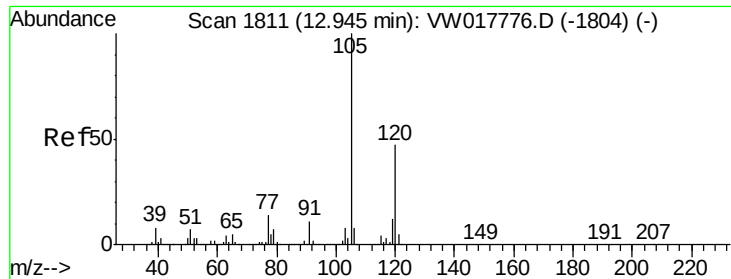


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

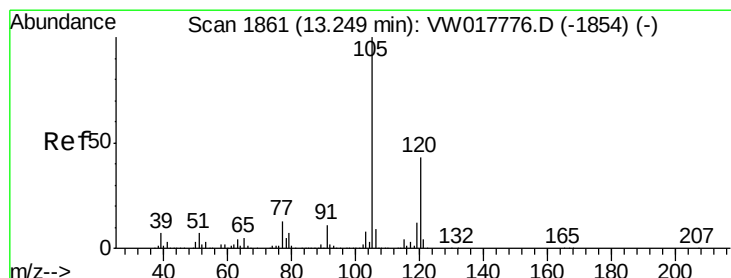
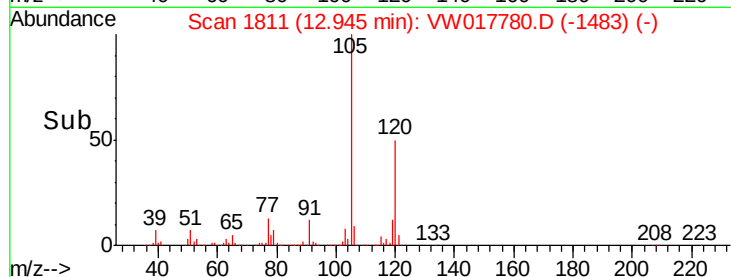
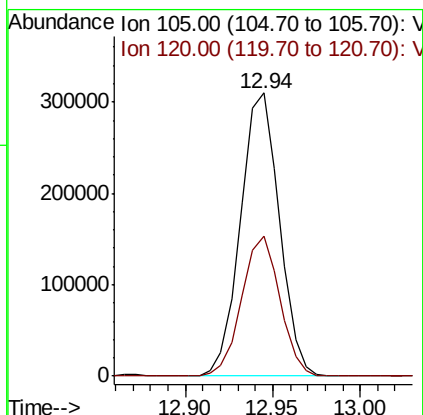
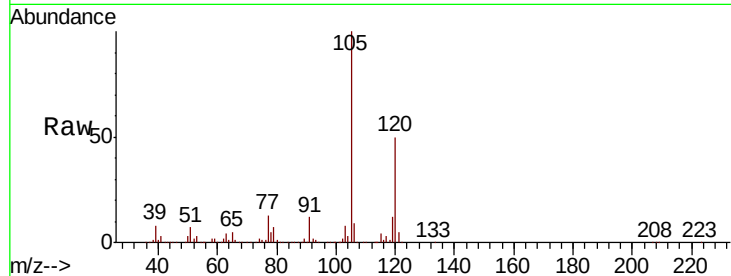




#62
 1,3,5-Trimethylbenzene
 Concen: 27.412 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

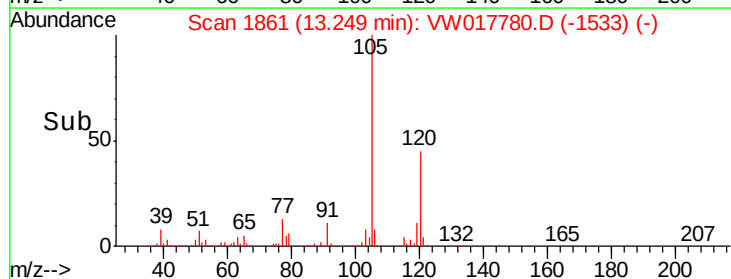
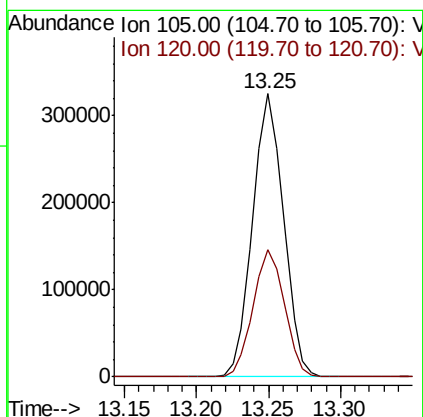
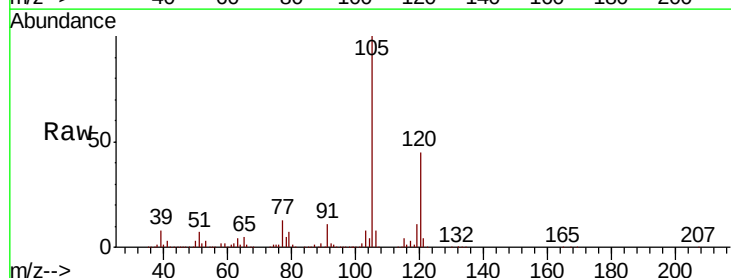
Instrument :
 MSVOA_W
 ClientSampled :

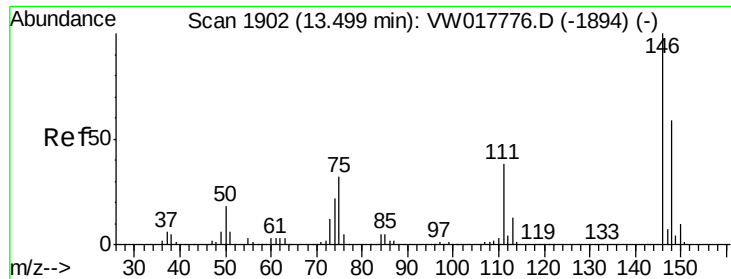
Tot Ion:105 Resp: 479384
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 27.122 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion:105 Resp: 482700
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.6 53.4

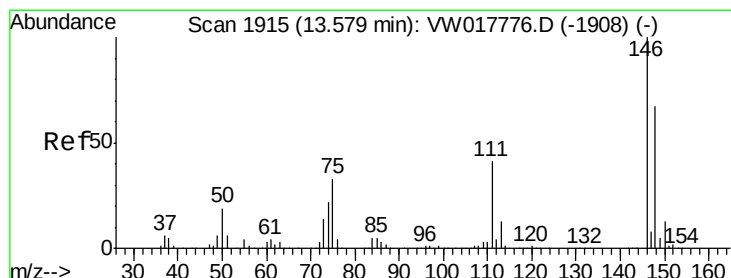
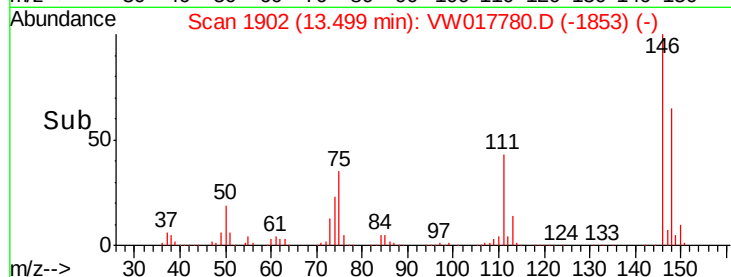
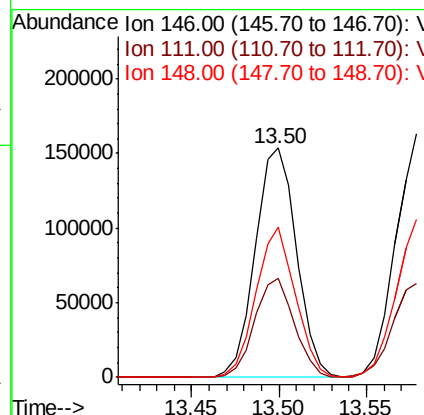
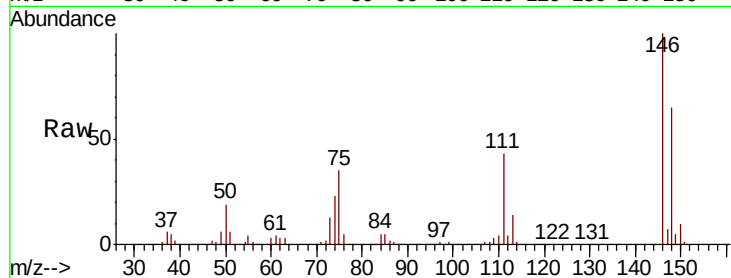




#64
 1,3-Dichlorobenzene
 Concen: 26.784 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

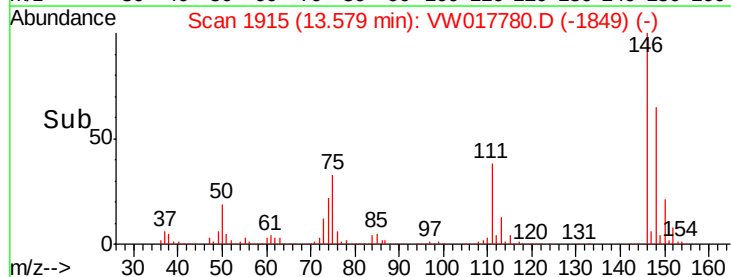
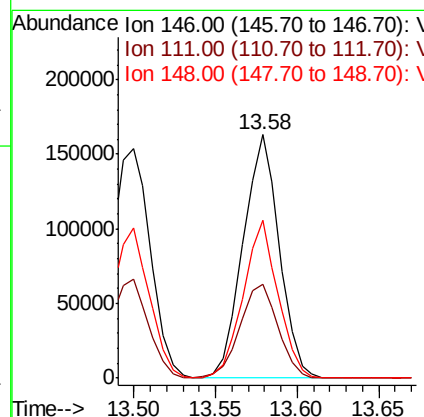
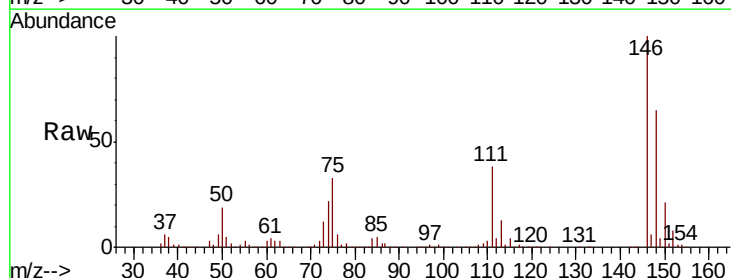
Instrument :
 MSVOA_W
 ClientSampleId :

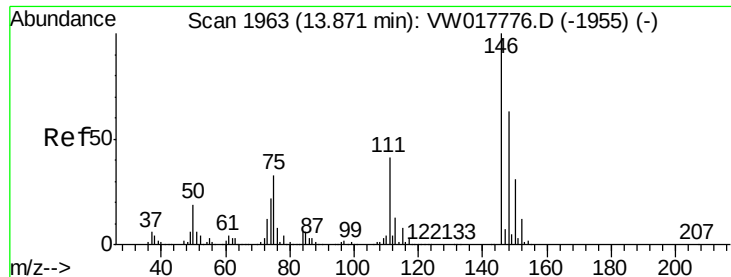
Tot Ion:146 Resp: 254195
 Ion Ratio Lower Upper
 146 100
 111 43.0 26.7 49.7
 148 65.5 41.1 76.3



#65
 1,4-Dichlorobenzene
 Concen: 26.756 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion:146 Resp: 252226
 Ion Ratio Lower Upper
 146 100
 111 38.5 28.8 53.4
 148 64.6 46.8 87.0

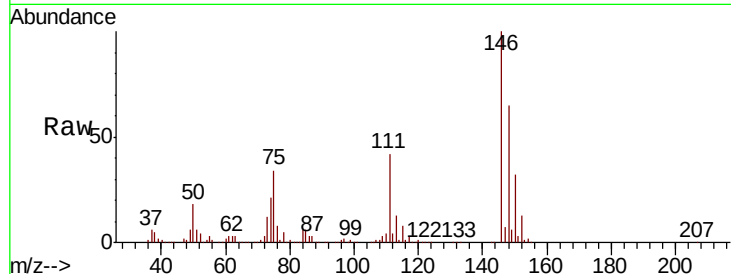




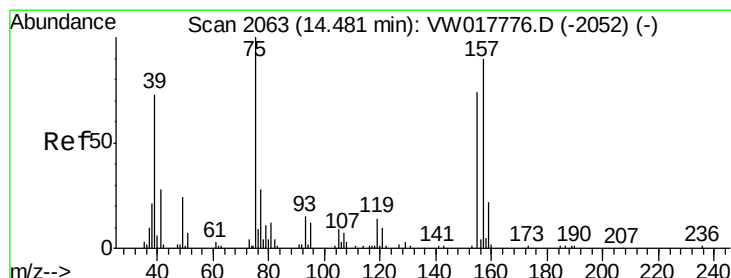
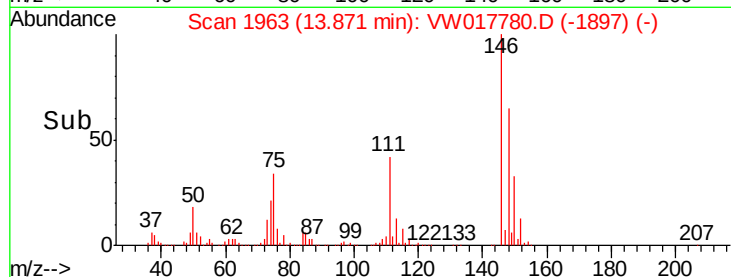
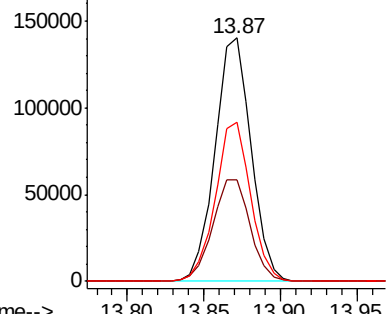
#67
 1,2-Dichlorobenzene
 Concen: 27.003 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.2	49.8
148	65.3	50.4	75.6

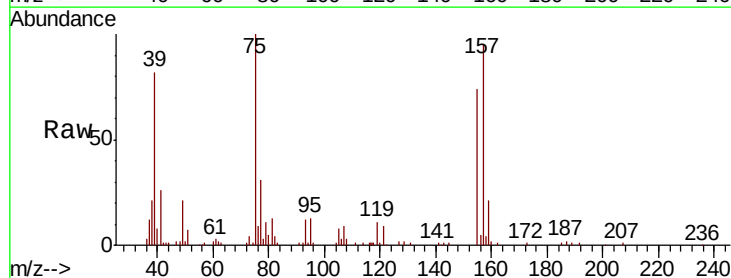


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

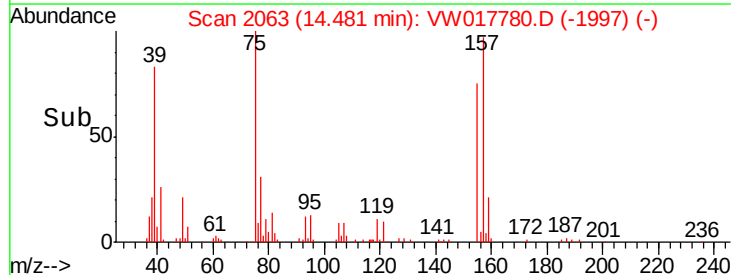
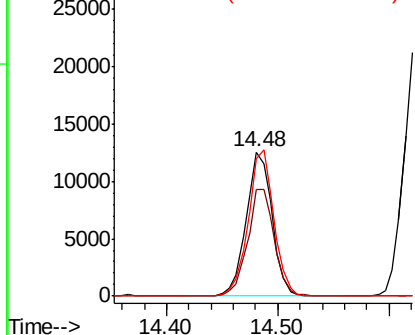


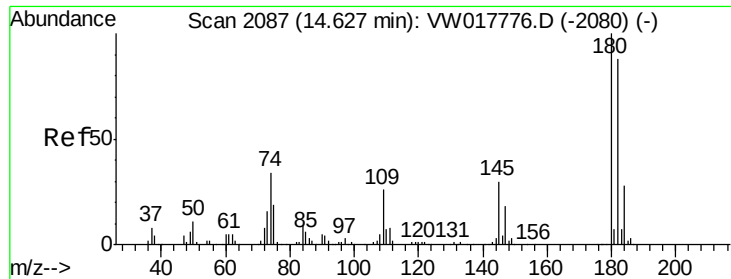
#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.652 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	59.4	89.0
157	95.0	72.2	108.2



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

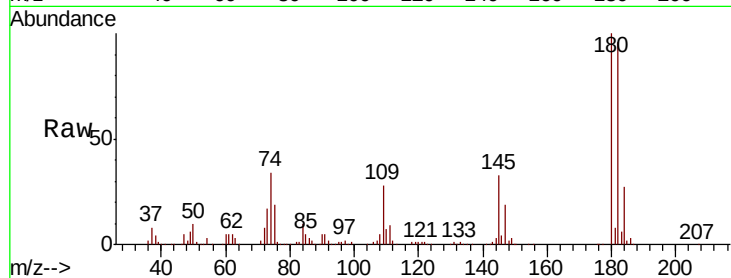




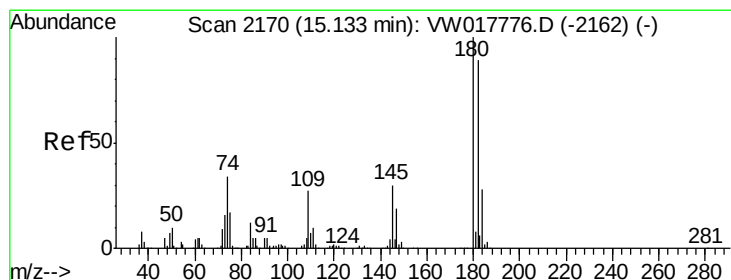
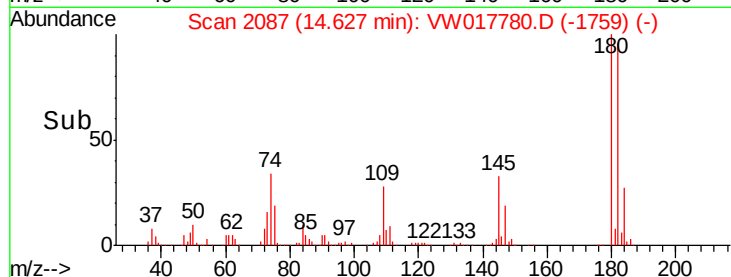
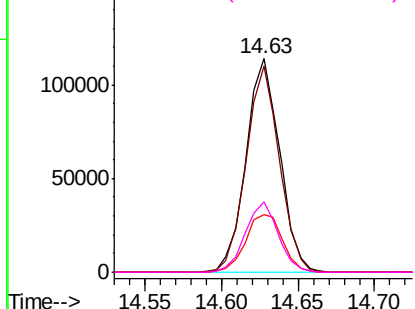
#69
 1,3,5-Trichlorobenzene
 Concen: 27.181 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	174525
Ion Ratio	Lower	Upper
180	100	
182	95.1	73.4 110.2
184	29.5	23.6 35.4
145	32.3	24.9 37.3

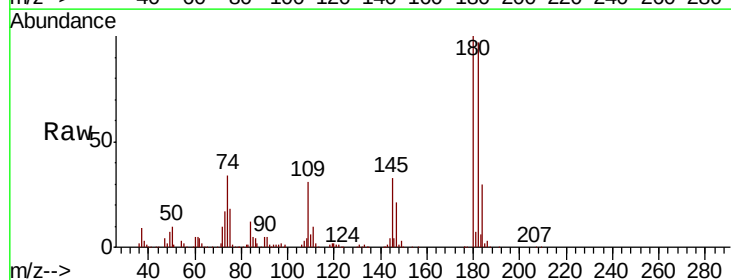


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

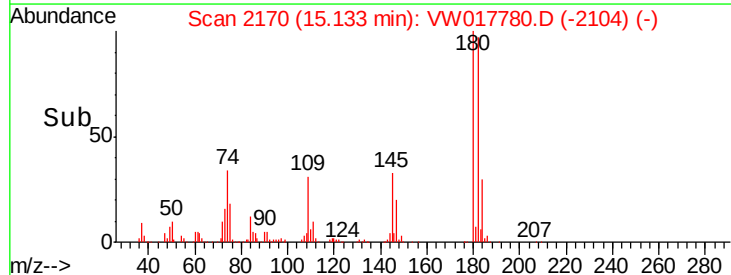
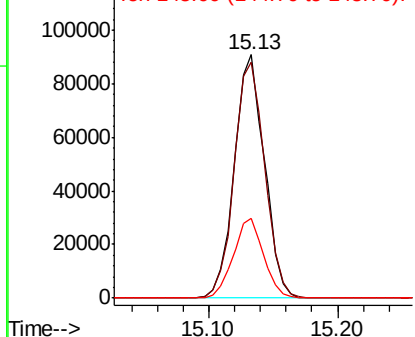


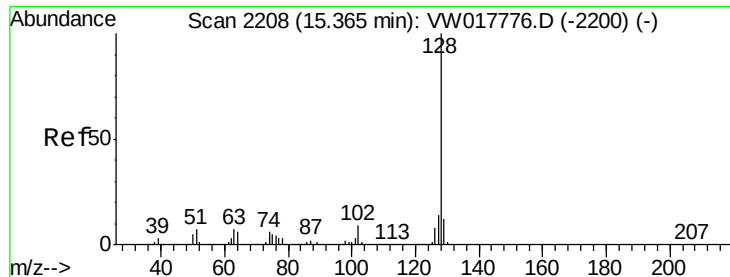
#70
 1,2,4-trichlorobenzene
 Concen: 26.548 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017780.D
 Acq: 30 Dec 2020 13:40

Tgt Ion:180	Resp:	147590
Ion Ratio	Lower	Upper
180	100	
182	98.3	74.7 112.1
145	32.5	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

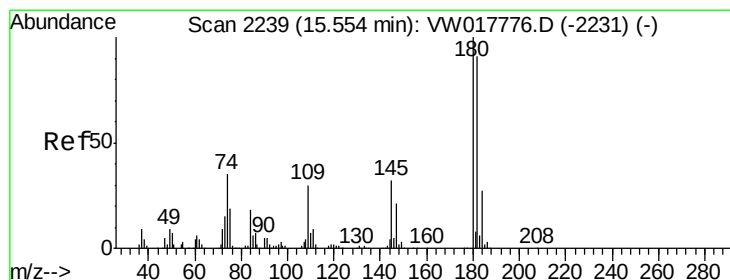
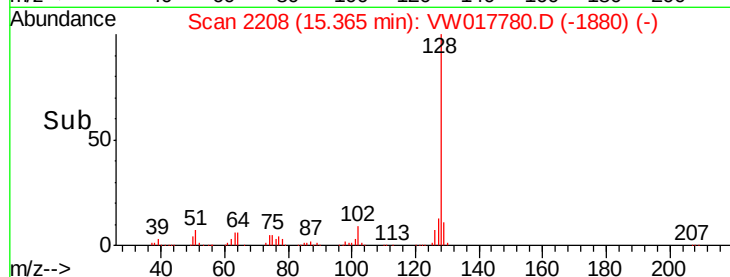
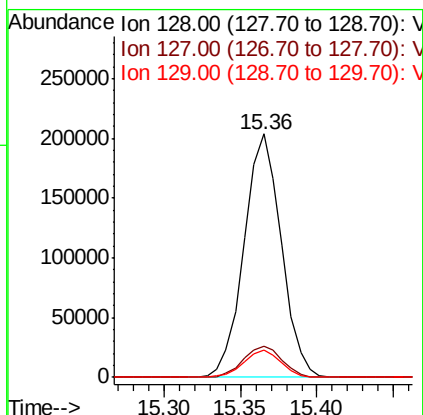
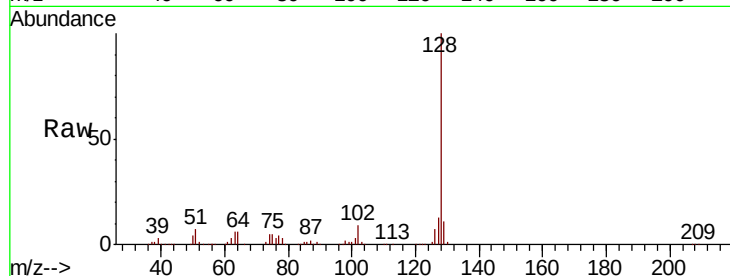




#71
Naphthalene
Concen: 26.905 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.2	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 27.502 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW017780.D
Acq: 30 Dec 2020 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.7	115.1
145	33.7	28.9	43.3

