

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122420\NOT REVIEWED DATA\
 Data File : VW017726.D
 Acq On : 24 Dec 2020 09:05
 Operator : SY/VA
 Sample : VSTD2.501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Quant Time: Dec 24 12:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 24 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372121	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159879	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	18462	3.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	12.84%#
7) Chloroethane-d5	2.89	69	14166	2.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	11.92%#
10) 1,1-Dichloroethene-d2	4.02	63	27371	2.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	10.92%#
20) 2-Butanone-d5	7.11	46	3511	3.76	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.52%#
24) Chloroform-d	7.65	84	25521	2.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	10.48%#
26) 1,2-Dichloroethane-d4	8.31	65	13740	2.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	10.92%#
29) Benzene-d6	8.27	84	50586	2.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	11.00%#
33) 1,2-Dichloropropane-d6	9.27	67	14097	2.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	11.12%#
37) Toluene-d8	10.32	98	47042	2.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	10.64%#
38) trans-1,3-Dichloropropene-	10.59	79	5552	2.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	9.84%#
39) 2-Hexanone-d5	10.93	63	3208	5.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9777	2.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	15635	2.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	11.24%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	11358	2.764 ug/L	98
3) Chloromethane	2.20	50	11013	3.016 ug/L	98
5) Vinyl chloride	2.36	62	18175	2.942 ug/L	97
6) Bromomethane	2.78	94	11450	2.499 ug/L	98
8) Chloroethane	2.92	64	10903	2.815 ug/L	95
9) Trichlorofluoromethane	3.26	101	17429	3.439 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	12367	2.614 ug/L #	58
12) 1,1-Dichloroethene	4.04	96	11970	2.610 ug/L	91
13) Acetone	4.17	43	1539	1.910 ug/L	89
14) Carbon disulfide	4.39	76	33119	2.418 ug/L	98
15) Methyl Acetate	4.69	43	1632	1.045 ug/L	90
16) Methylene chloride	4.92	84	18319	3.443 ug/L	89
17) Methyl tert-butyl Ether	5.43	73	15188	2.613 ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	12927	2.613 ug/L	95
19) 1,1-Dichloroethane	6.22	63	21562	2.551 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	13157	2.531 ug/L	94
23) Bromochloromethane	7.51	128	5479	2.488 ug/L	91

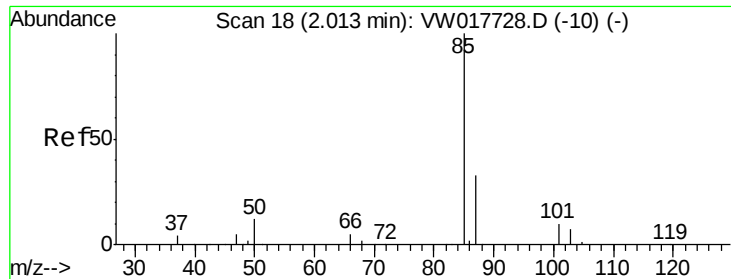
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.68	83	23044	2.591	ug/L	98
27) 1,2-Dichloroethane	8.40	62	14893	2.589	ug/L	99
30) Cyclohexane	7.95	56	19987	2.570	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	19099	2.541	ug/L	97
32) Carbon tetrachloride	8.07	117	17545	2.474	ug/L	97
34) Benzene	8.33	78	48566	2.600	ug/L	100
35) Trichloroethene	9.10	95	13367	2.585	ug/L	95
36) Methylcyclohexane	9.34	83	23023	2.547	ug/L	98
40) 1,2-Dichloropropane	9.37	63	11479	2.603	ug/L	99
41) Bromodichloromethane	9.65	83	14912	2.470	ug/L #	99
42) cis-1,3-Dichloropropene	10.07	75	16708	2.374	ug/L	93
43) 4-Methyl-2-pentanone	10.22	43	10368	4.839	ug/L	98
44) Toluene	10.39	91	54111	2.540	ug/L	91
45) trans-1,3-Dichloropropene	10.61	75	14004	2.337	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	8495	2.591	ug/L	94
47) Tetrachloroethene	10.87	164	10366	2.564	ug/L	97
49) 2-Hexanone	10.97	43	7137	4.695	ug/L	95
50) Dibromochloromethane	11.13	129	8931	2.295	ug/L	86
51) 1,2-Dibromoethane	11.24	107	7540	2.430	ug/L #	98
52) Chlorobenzene	11.66	112	33788	2.541	ug/L	90
53) Ethylbenzene	11.73	91	59629	2.467	ug/L	94
54) m,p-Xylene	11.84	106	23155	2.449	ug/L	94
55) o-xylene	12.17	106	21603	2.429	ug/L	92
56) Styrene	12.18	104	33928	2.294	ug/L	97
57) Isopropylbenzene	12.46	105	57812	2.348	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	9139	2.498	ug/L #	90
59) 1,2,3-Trichloropropane	12.77	75	6733	2.503	ug/L #	88
62) Bromoform	12.35	173	4449	2.274	ug/L #	99
63) 1,3-Dichlorobenzene	13.50	146	25399	2.574	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	25728	2.594	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	22658	2.613	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1577	2.761	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.63	180	17618	2.604	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	15238	2.737	ug/L #	88
69) Naphthalene	15.36	128	28306	2.669	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	12398	2.637	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 2.764 ug/L

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

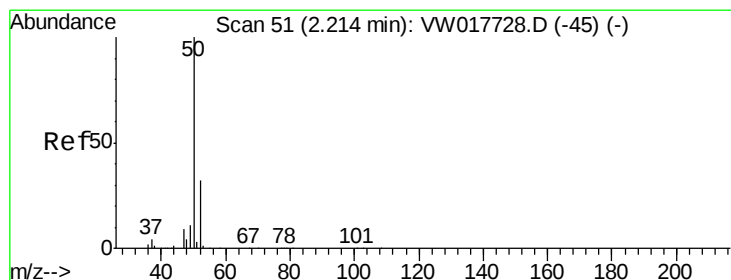
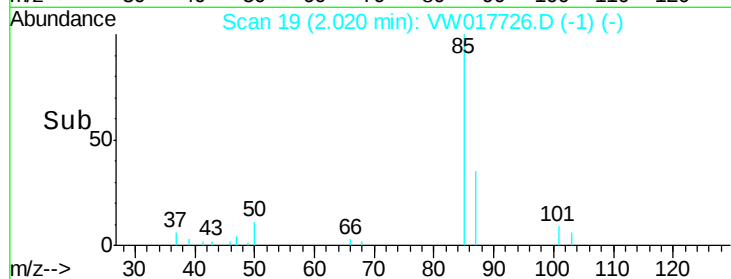
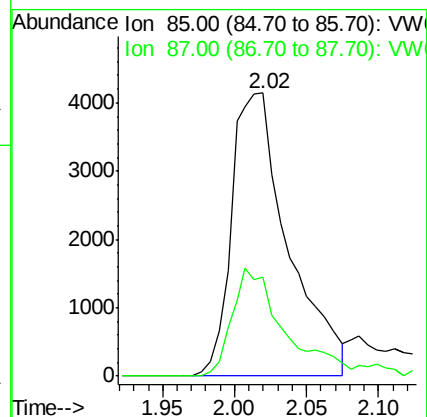
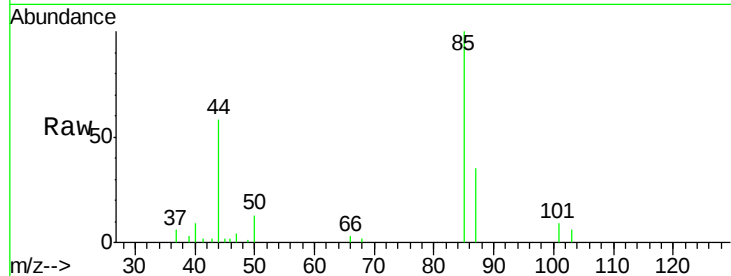
VSTD2.501

Tgt Ion: 85 Resp: 11358

Ion Ratio Lower Upper

85 100

87 30.6 22.0 41.0



#3

Chloromethane

Concen: 3.016 ug/L

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW017726.D

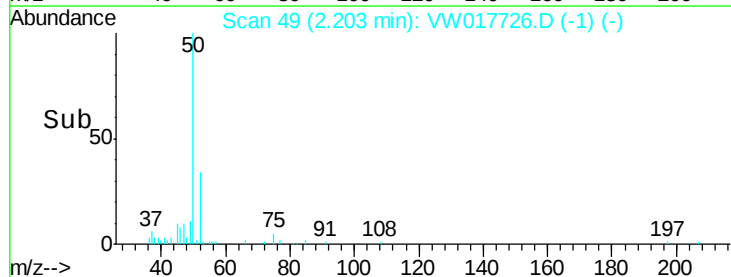
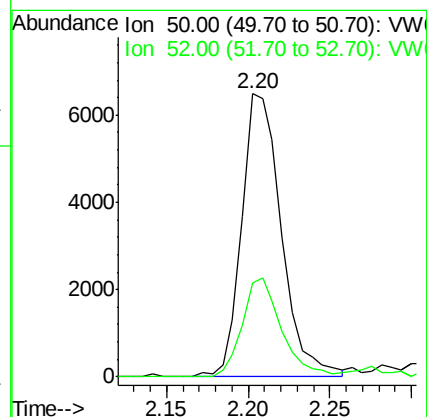
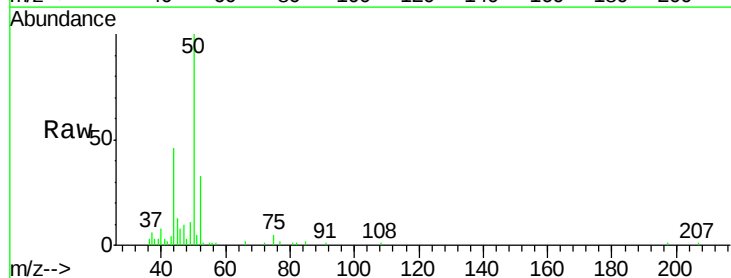
Acq: 24 Dec 2020 09:05

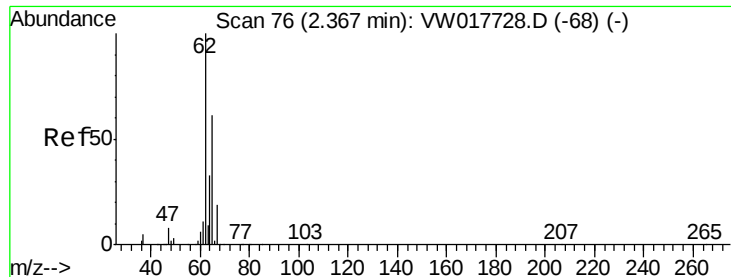
Tgt Ion: 50 Resp: 11013

Ion Ratio Lower Upper

50 100

52 33.3 22.5 41.9





#5

Vinyl chloride

Concen: 2.942 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

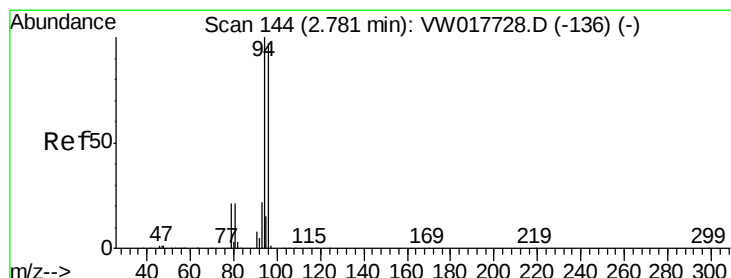
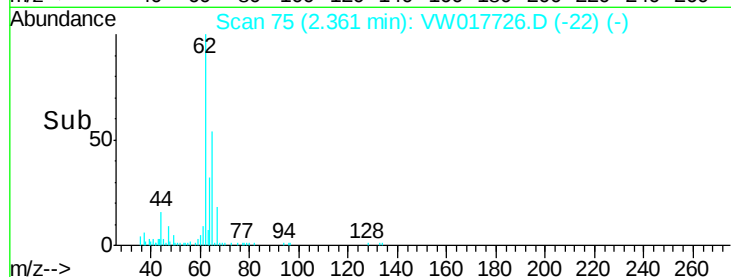
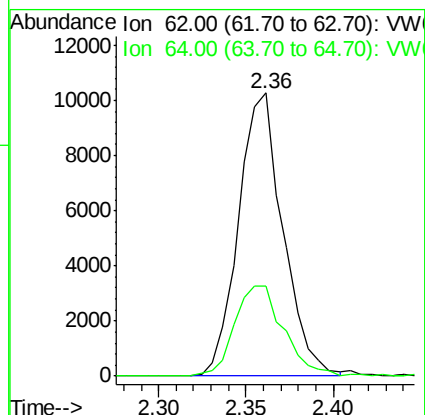
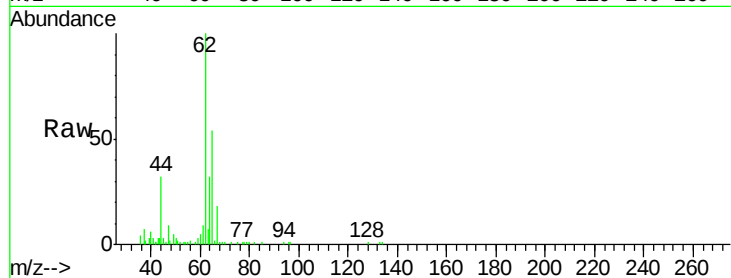
VSTD2.501

Tgt Ion: 62 Resp: 18175

Ion Ratio Lower Upper

62 100

64 31.7 23.3 43.3



#6

Bromomethane

Concen: 2.499 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW017726.D

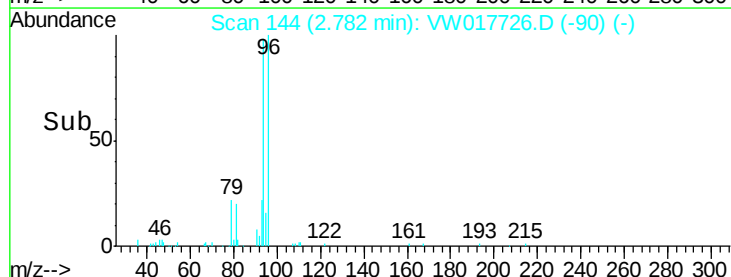
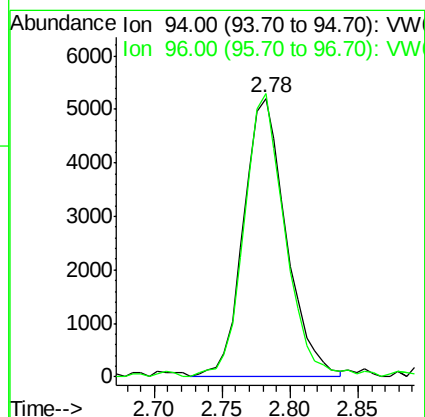
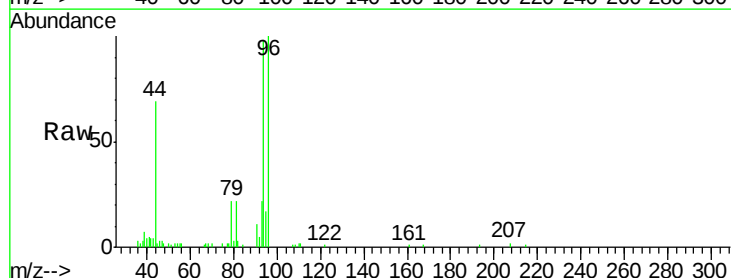
Acq: 24 Dec 2020 09:05

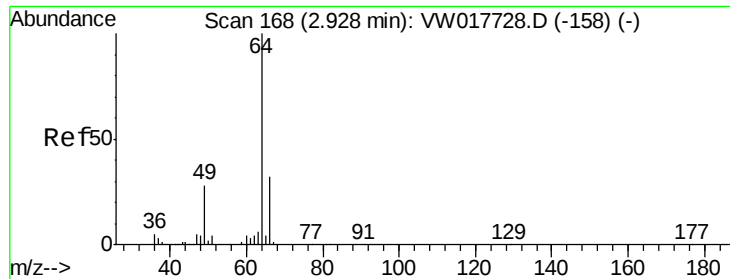
Tgt Ion: 94 Resp: 11450

Ion Ratio Lower Upper

94 100

96 96.4 9.4 178.6

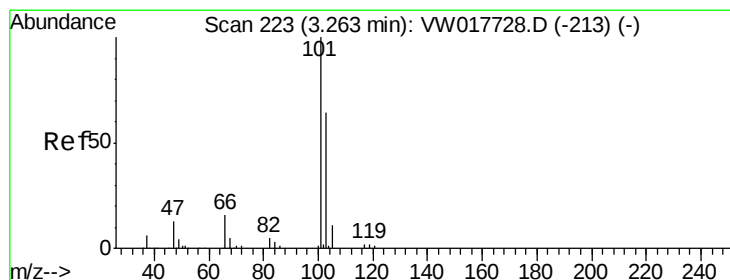
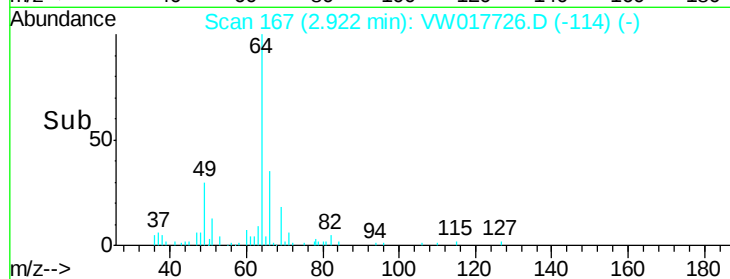
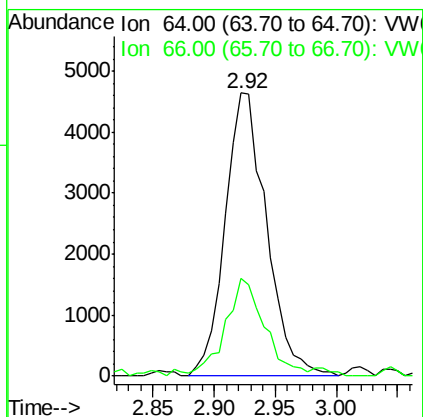
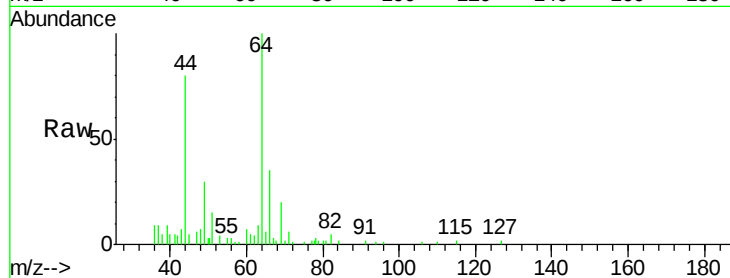




#8
Chloroethane
Concen: 2.815 ug/L
RT: 2.92 min Scan# 167
Delta R.T. -0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

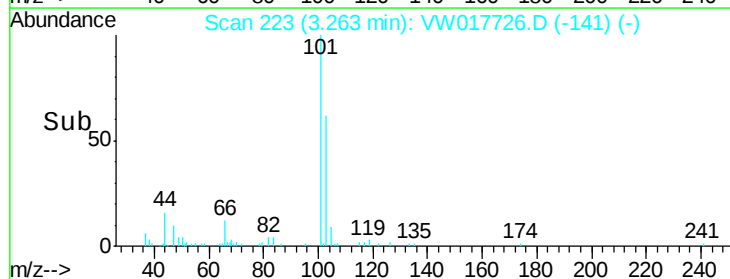
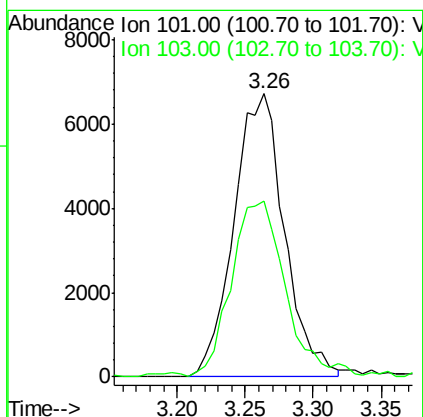
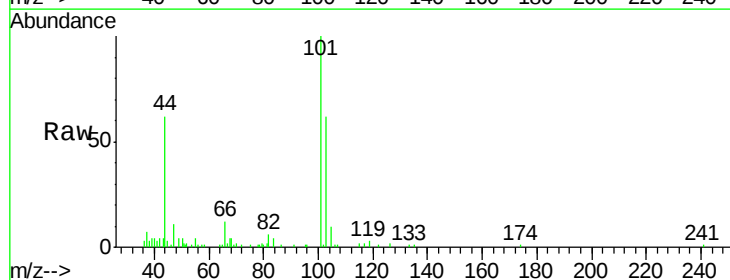
Instrument :
MSVOA_W
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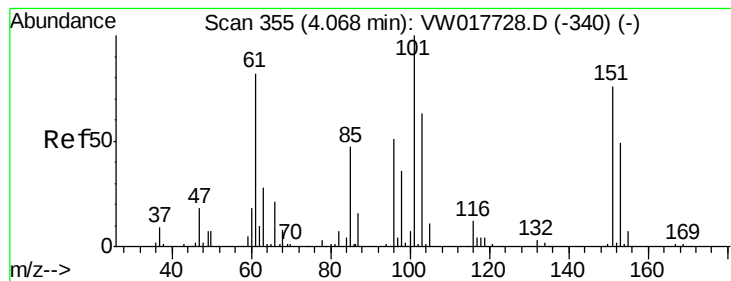
Tgt Ion: 64 Resp: 10903
Ion Ratio Lower Upper
64 100
66 34.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 3.439 ug/L
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 101 Resp: 17429
Ion Ratio Lower Upper
101 100
103 65.3 46.0 85.4





#11

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

Concen: 2.614 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

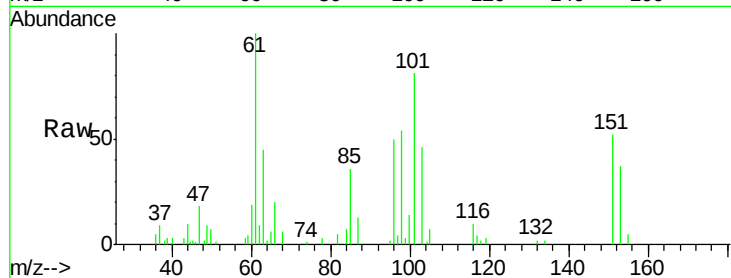
Tgt Ion: 101 Resp: 12367

Ion Ratio Lower Upper

101 100

85 19.0 36.7 55.1#

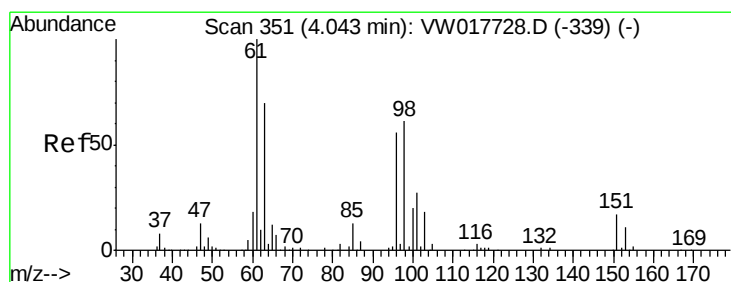
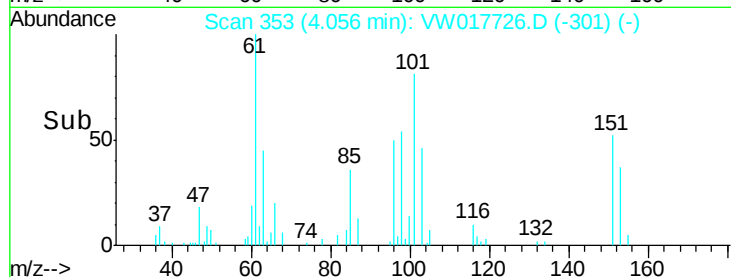
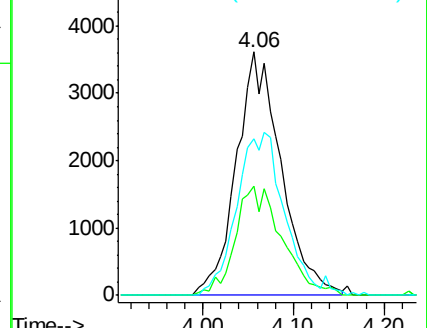
151 36.3 57.7 86.5#



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: 2.610 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

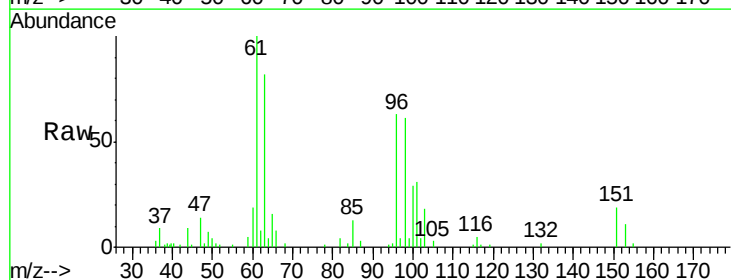
Tgt Ion: 96 Resp: 11970

Ion Ratio Lower Upper

96 100

61 158.2 126.1 234.1

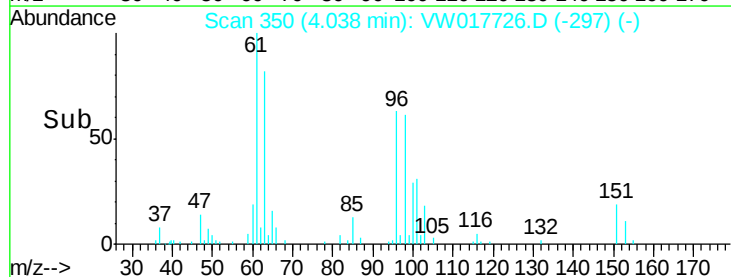
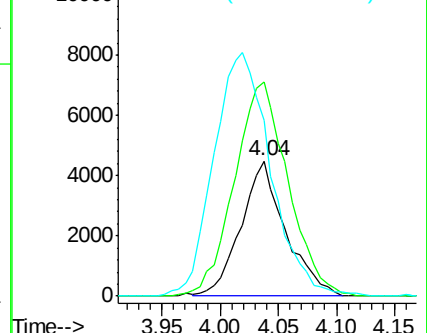
63 129.6 90.0 167.2

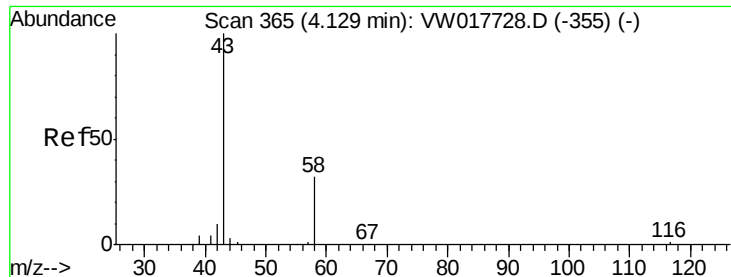


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 1.910 ug/L

RT: 4.17 min Scan# 372

Delta R.T. 0.04 min

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Acq: 24 Dec 2020 09:05

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ClientSampleId :

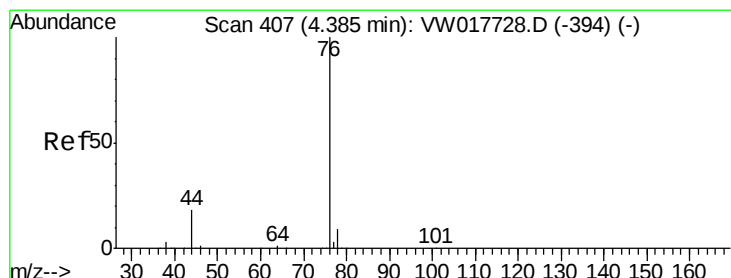
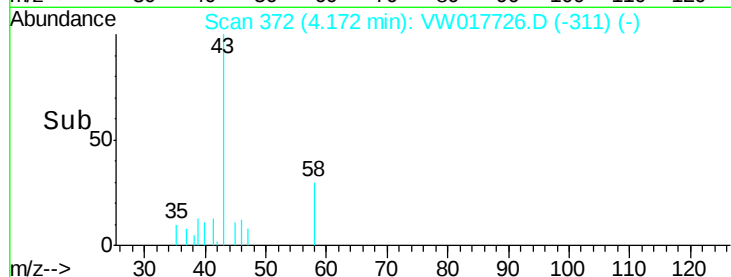
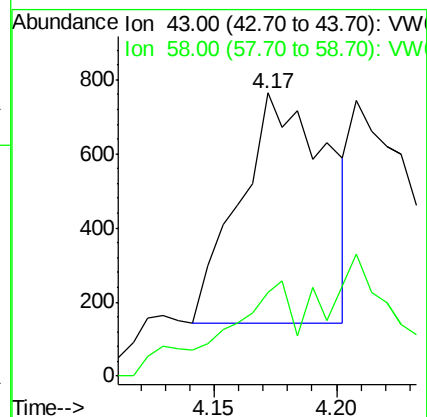
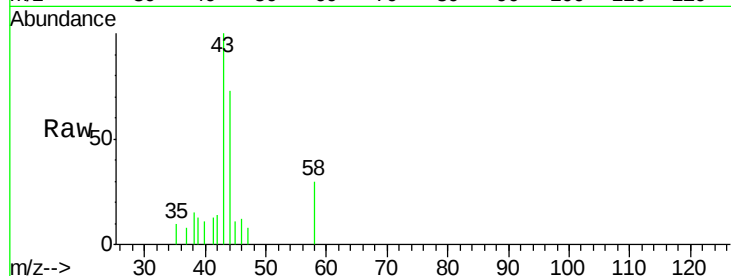
VSTD2.501

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

43 100

58 24.2 0.0 60.8



#14

Carbon disulfide

Concen: 2.418 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017726.D

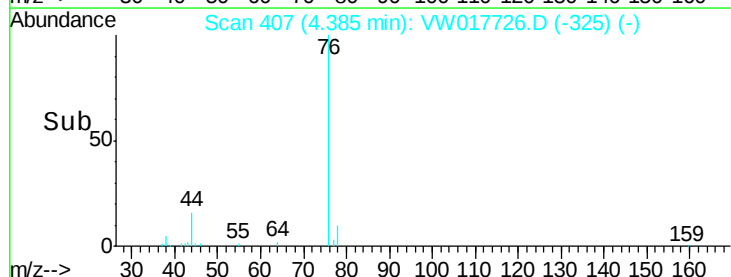
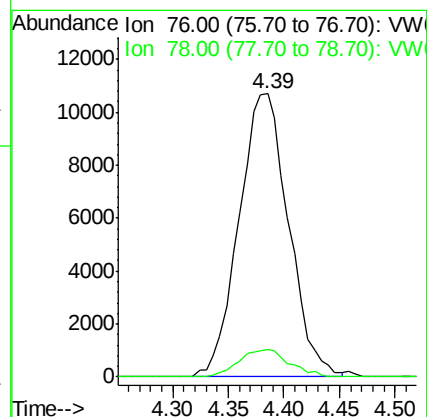
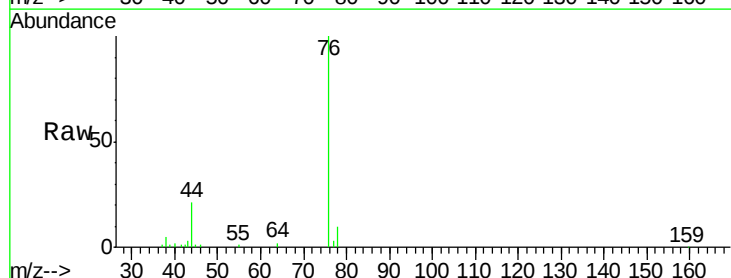
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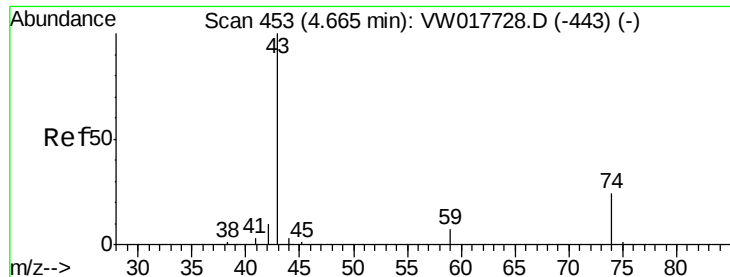
Tgt Ion: 76 Resp: 33119

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

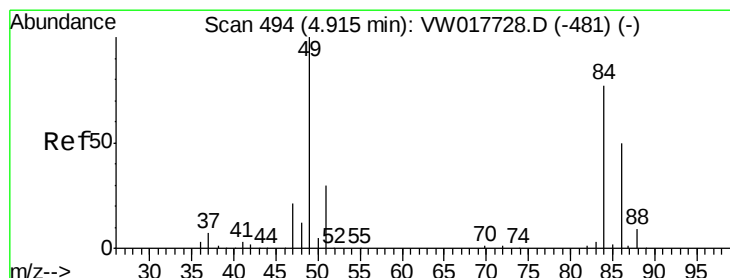
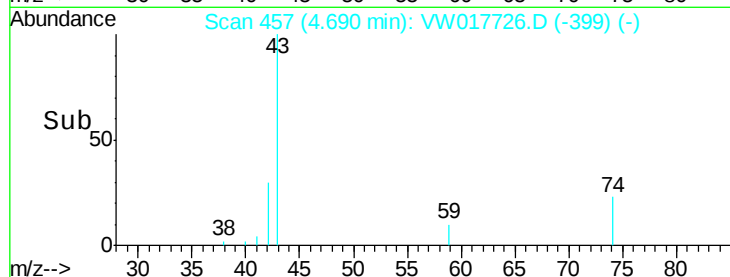
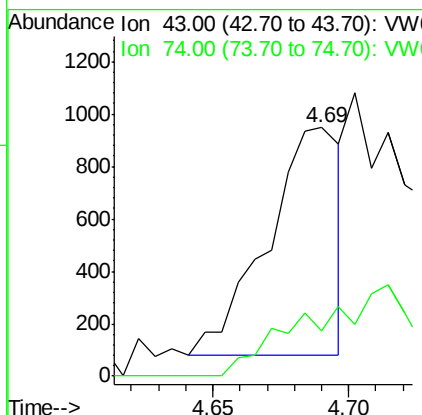
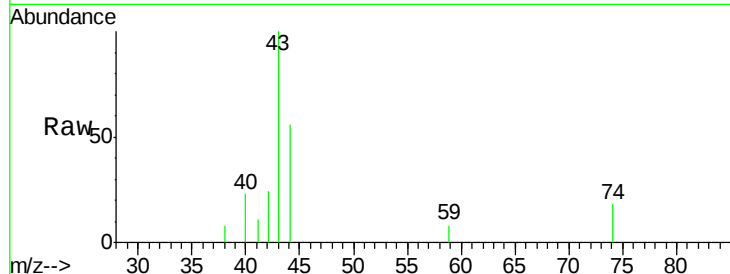




#15
Methyl Acetate
Concen: 1.045 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

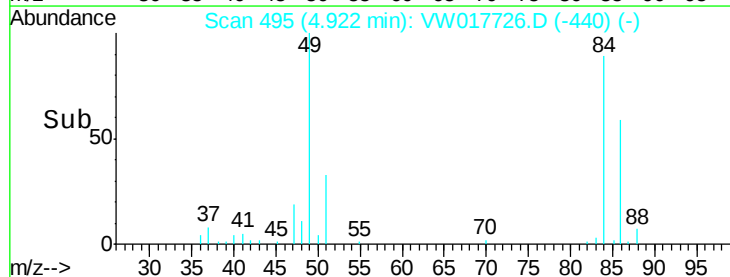
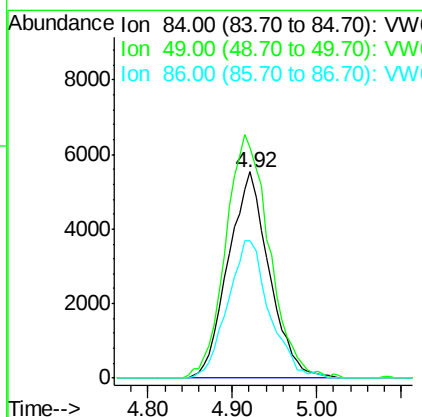
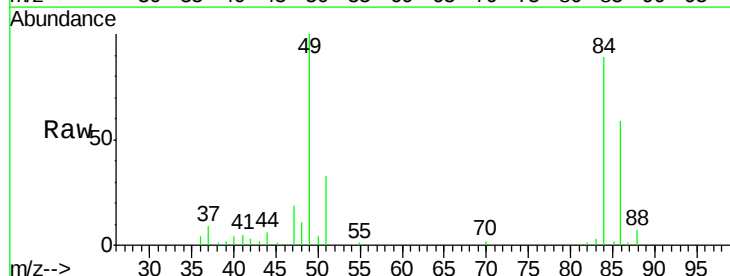
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

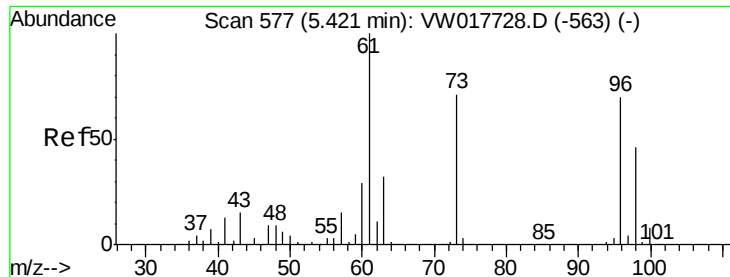
Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
74 20.4 20.2 30.4



#16
Methylene chloride
Concen: 3.443 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 84 Resp: 18319
Ion Ratio Lower Upper
84 100
49 112.4 90.5 168.1
86 66.6 44.8 83.2

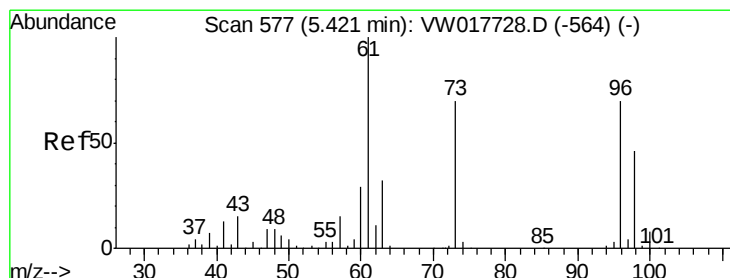
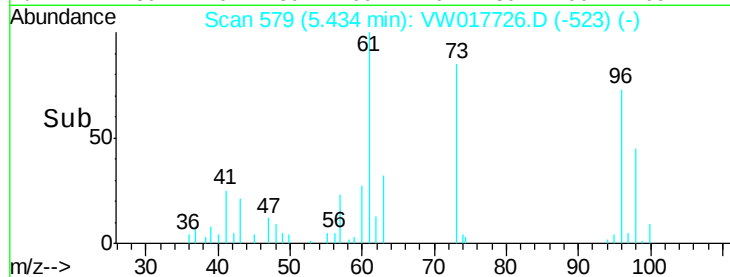
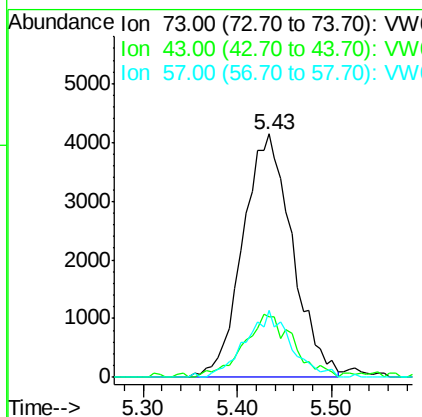
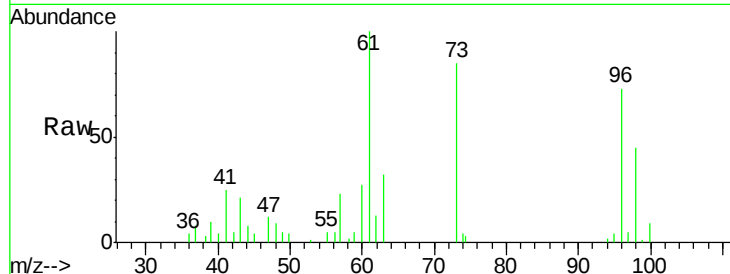




#17
Methyl tert-butyl Ether
Concen: 2.613 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

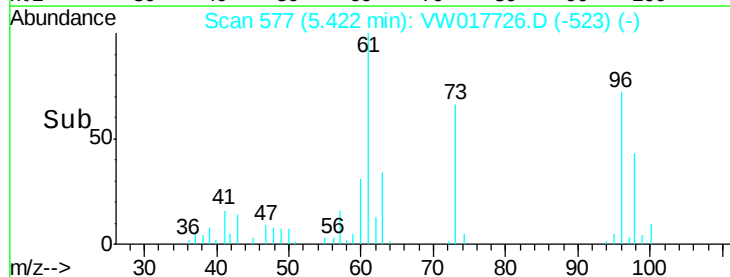
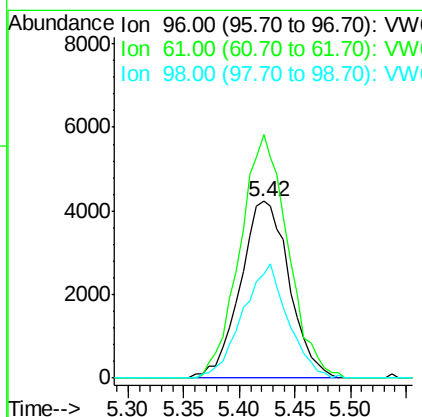
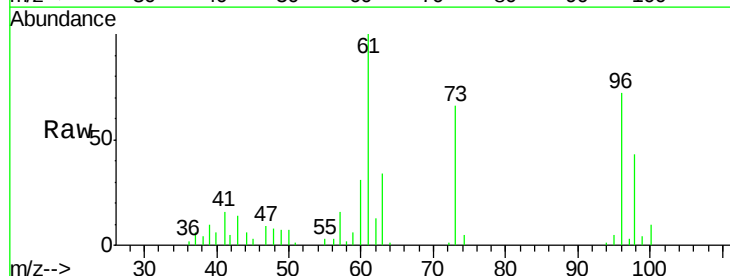
Instrument :
MSVOA_W
ClientSampled :
VSTD2.501

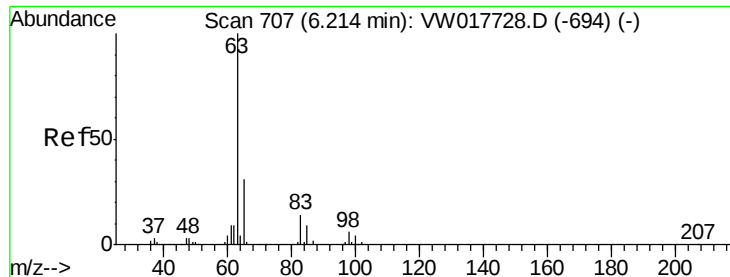
Tgt Ion: 73 Resp: 15188
Ion Ratio Lower Upper
73 100
43 17.8 17.1 25.7
57 16.1 16.6 25.0#



#18
trans-1,2-Dichloroethene
Concen: 2.613 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 96 Resp: 12927
Ion Ratio Lower Upper
96 100
61 138.0 99.5 184.9
98 58.8 45.8 85.2

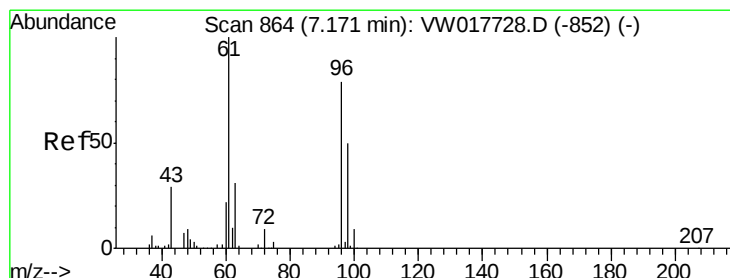
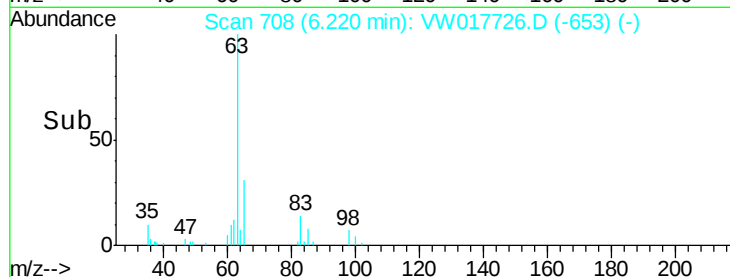
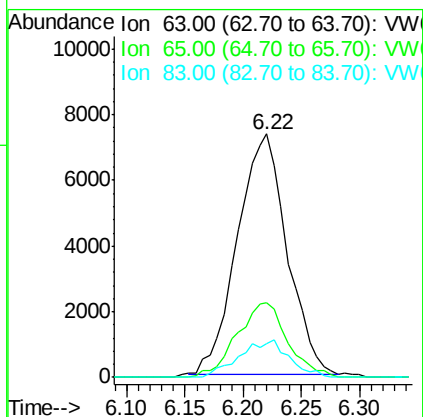
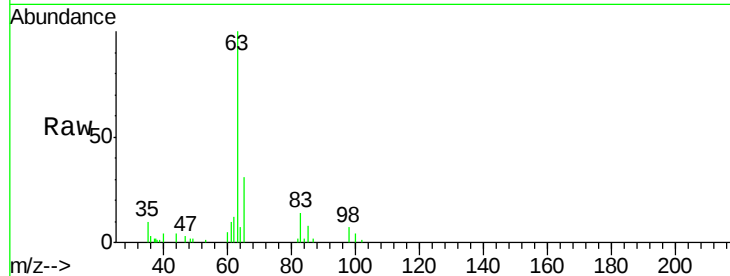




#19
 1,1-Dichloroethane
 Concen: 2.551 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

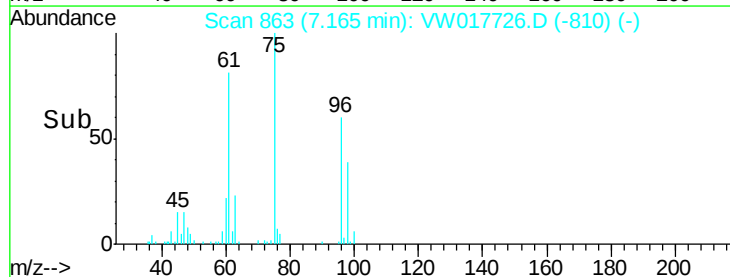
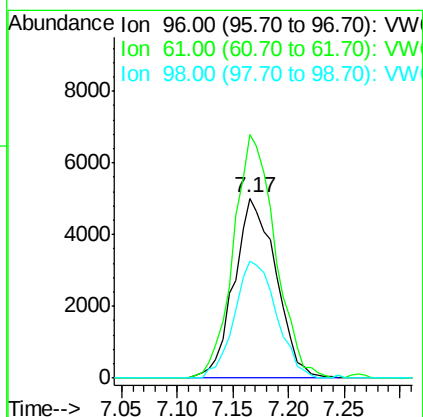
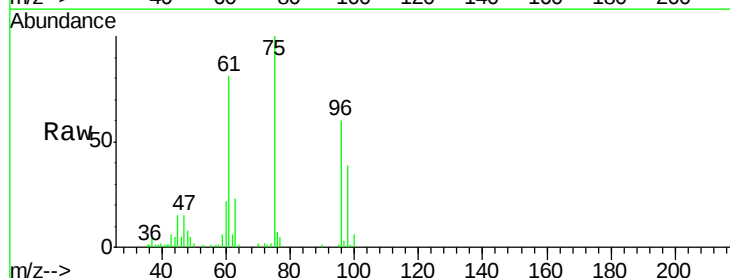
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

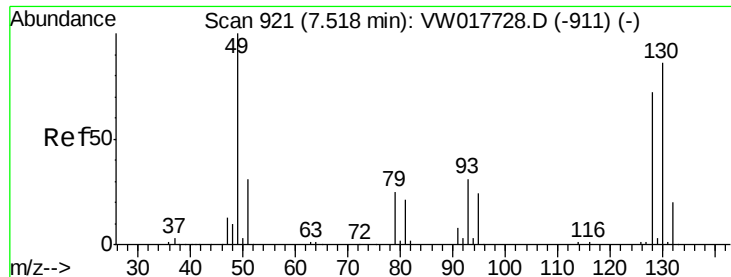
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.9	40.7
83	14.0	10.0	18.6



#22
 cis-1,2-Dichloroethene
 Concen: 2.531 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.2	88.2	163.8
98	64.9	43.7	81.1

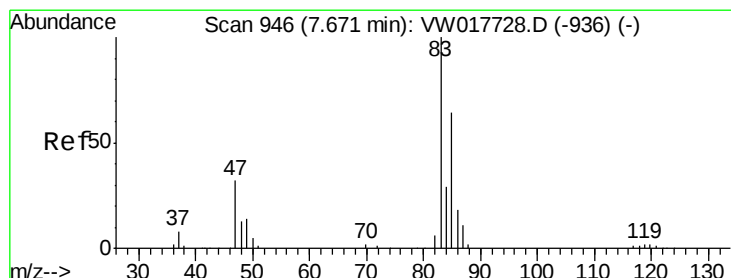
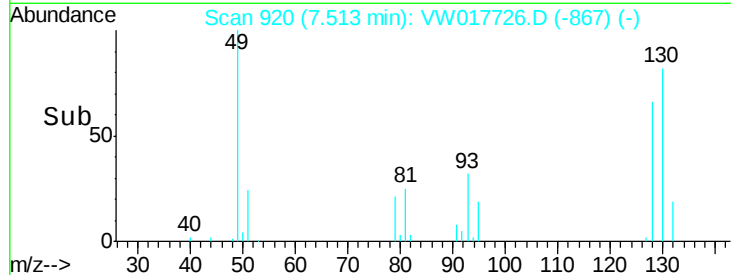
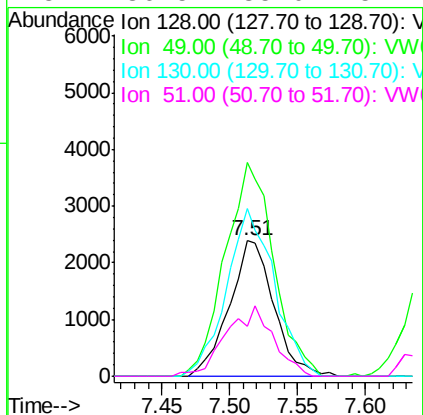
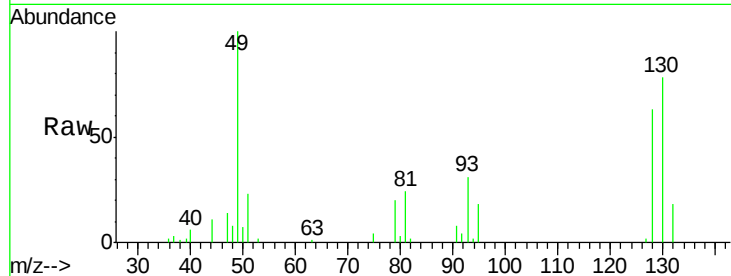




#23
Bromochloromethane
Concen: 2.488 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

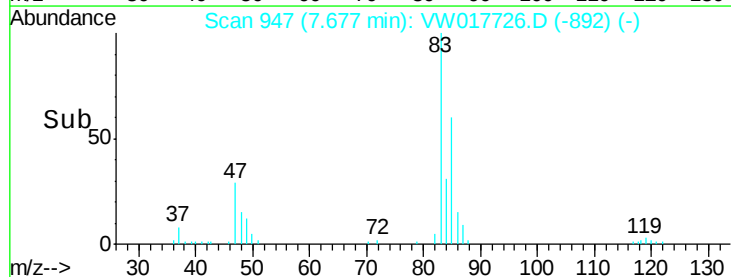
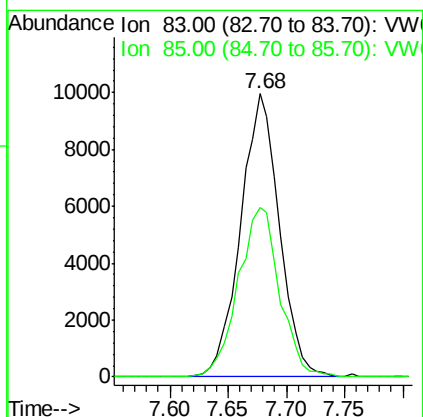
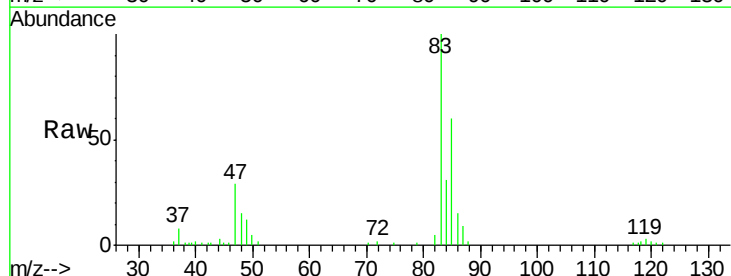
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

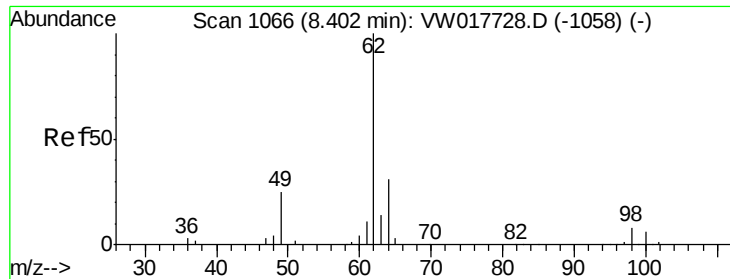
Tgt Ion:128 Resp: 5479
Ion Ratio Lower Upper
128 100
49 157.5 98.3 182.5
130 123.2 84.4 156.7
51 36.5 35.0 52.4



#25
Chloroform
Concen: 2.591 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 83 Resp: 23044
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9

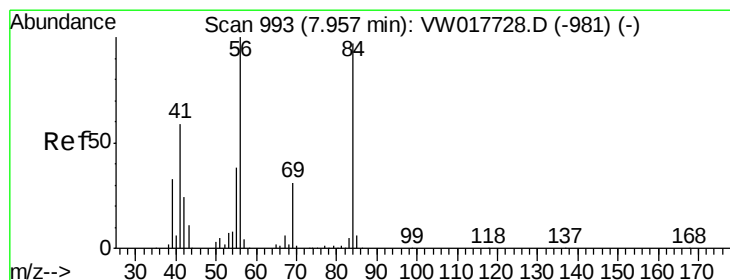
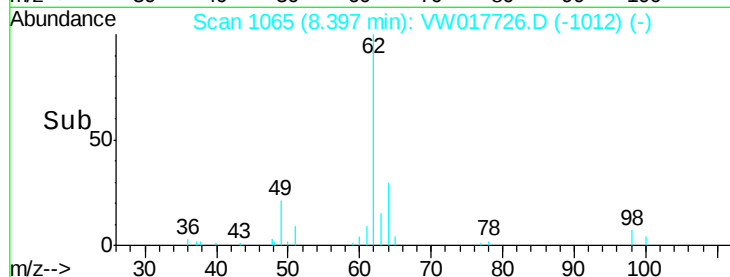
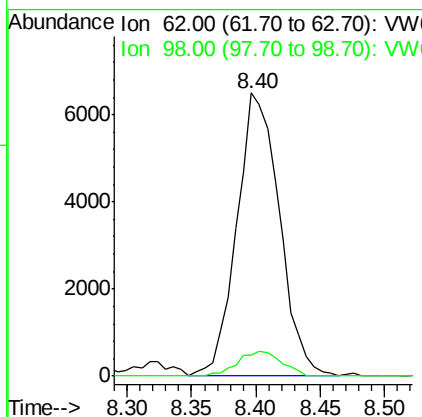
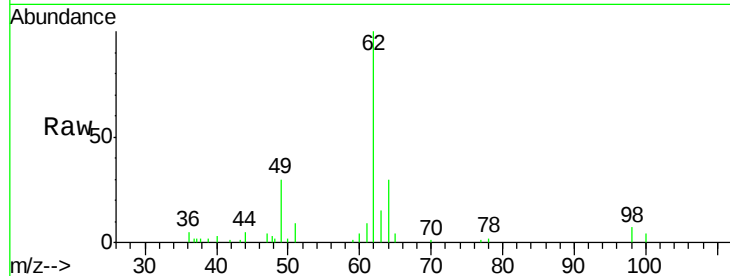




#27
 1,2-Dichloroethane
 Concen: 2.589 ug/L
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

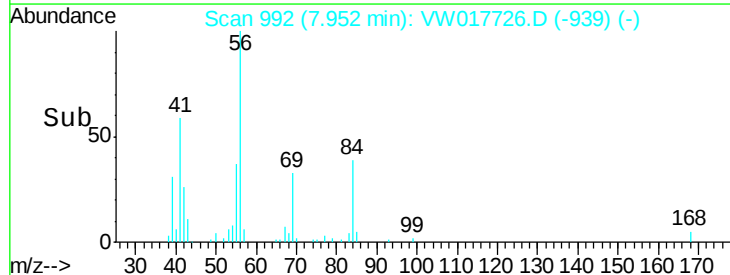
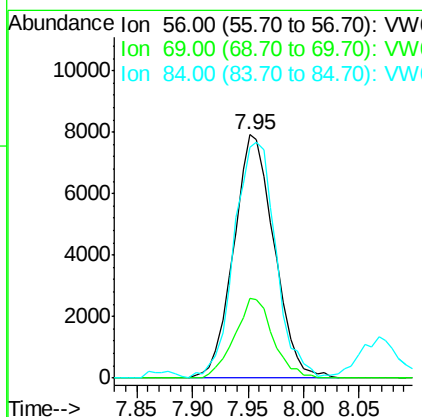
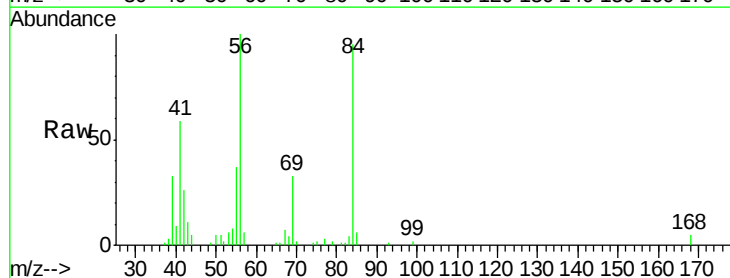
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

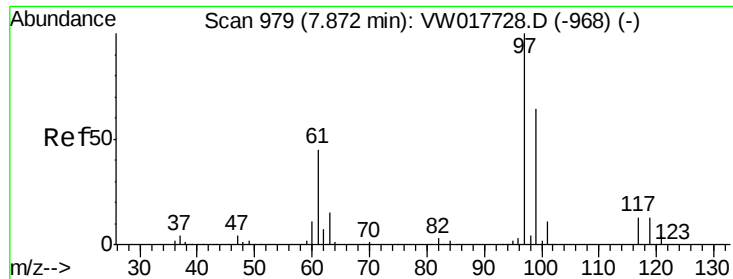
Tgt Ion: 62 Resp: 14893
 Ion Ratio Lower Upper
 62 100
 98 7.5 6.3 9.5



#30
 Cyclohexane
 Concen: 2.570 ug/L
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

Tgt Ion: 56 Resp: 19987
 Ion Ratio Lower Upper
 56 100
 69 31.0 25.0 37.4
 84 99.6 76.6 115.0

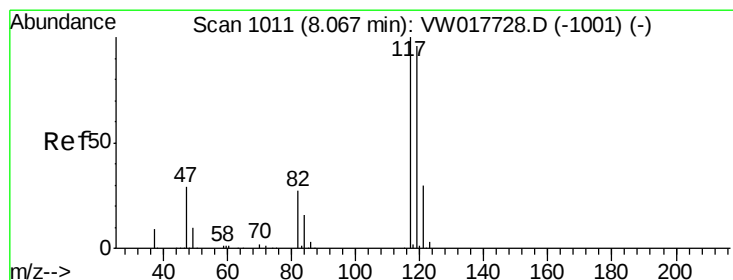
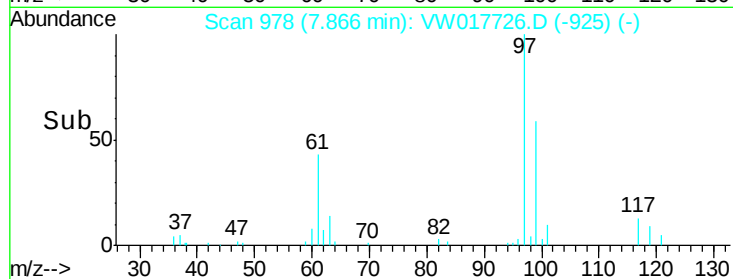
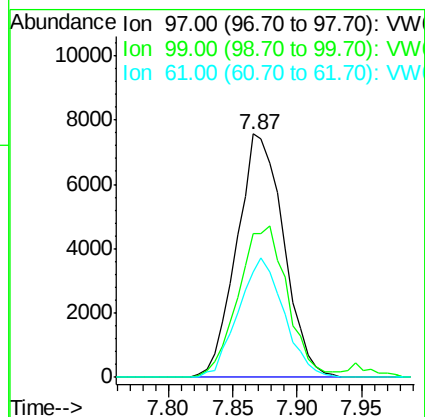
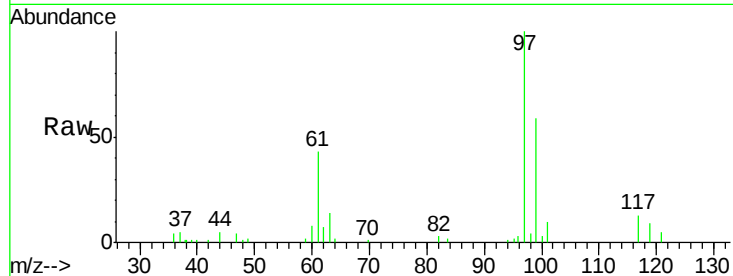




#31
 1,1,1-Trichloroethane
 Concen: 2.541 ug/L
 RT: 7.87 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

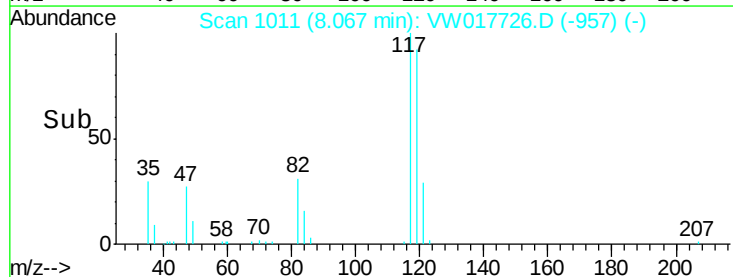
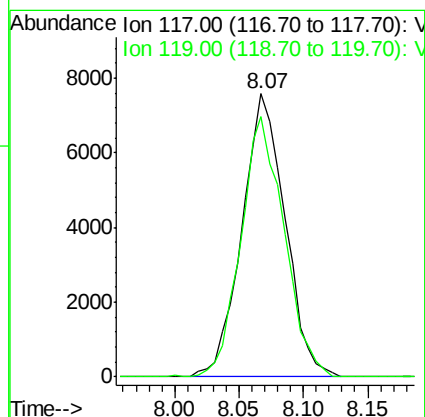
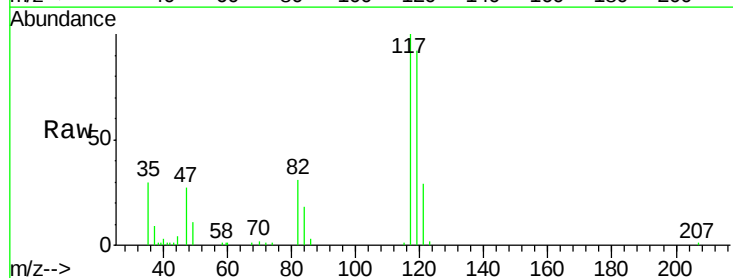
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

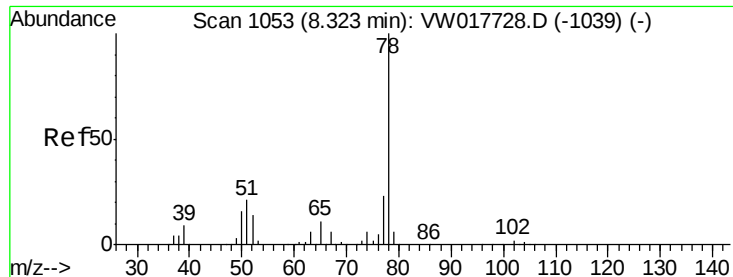
Tgt Ion: 97 Resp: 19099
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.1 76.7
 61 47.6 35.8 53.8



#32
 Carbon tetrachloride
 Concen: 2.474 ug/L
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

Tgt Ion: 117 Resp: 17545
 Ion Ratio Lower Upper
 117 100
 119 92.4 76.5 114.7





#34

Benzene

Concen: 2.600 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

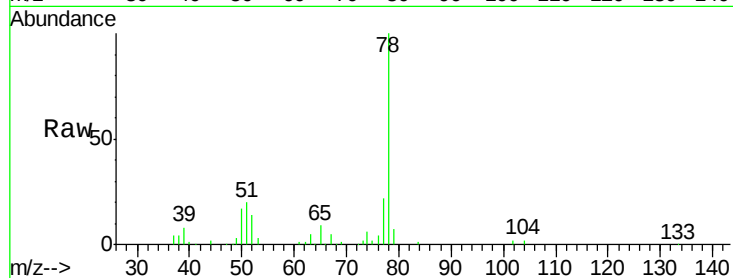
Instrument :

MSVOA_W

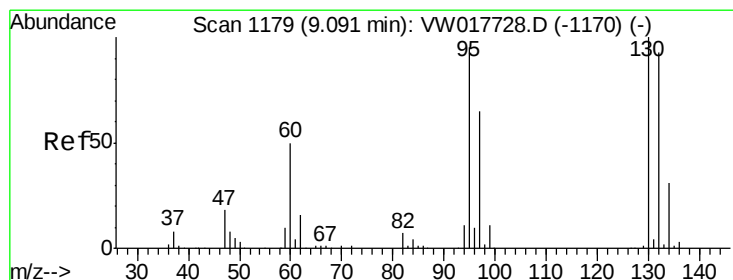
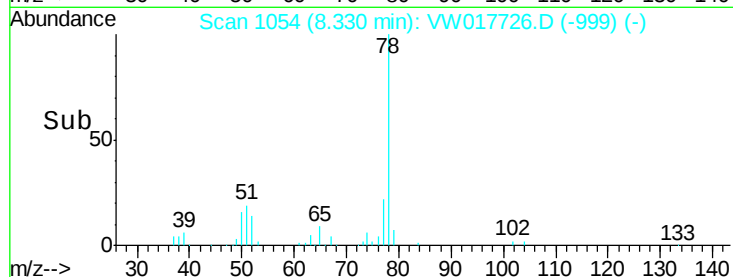
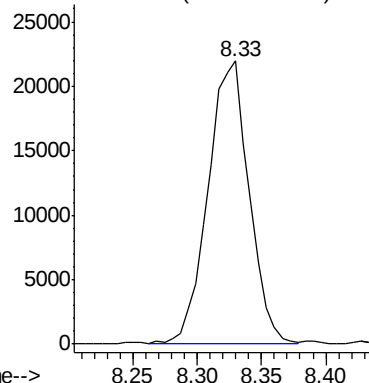
ClientSampleId :

VSTD2.501

Tgt Ion: 78 Resp: 48566



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.585 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Tgt Ion: 95 Resp: 13367

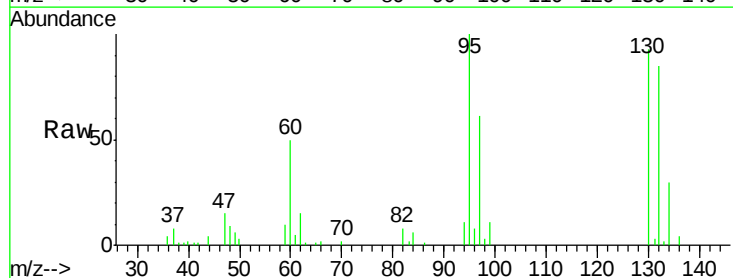
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.8	87.0
132	93.1	68.3	126.9
130	96.3	71.8	133.4

95 100

97 64.4 46.8 87.0

132 93.1 68.3 126.9

130 96.3 71.8 133.4

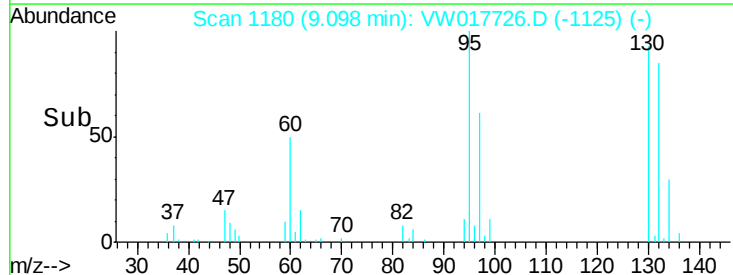
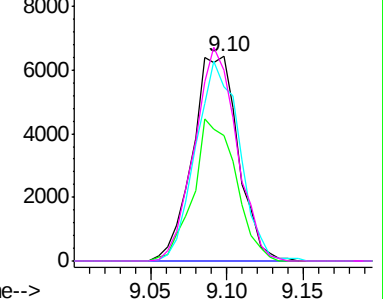


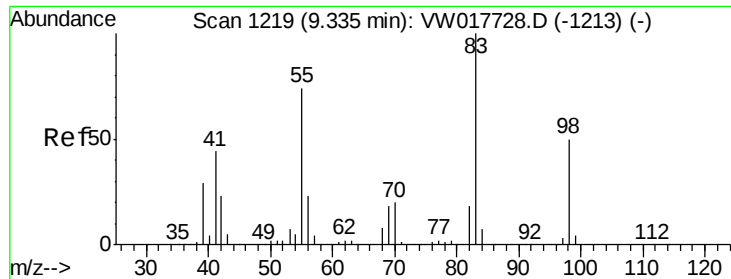
Abundance Ion 95.00 (94.70 to 95.70): VW

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

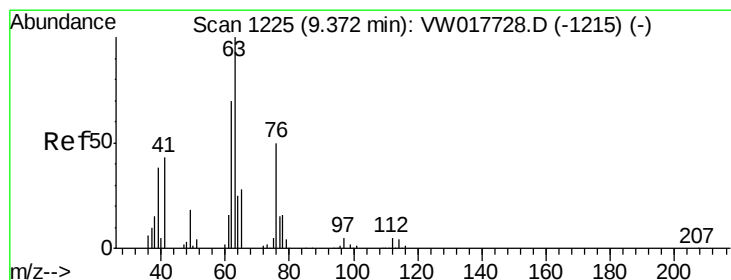
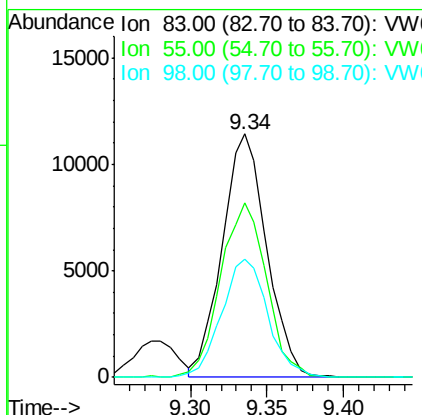
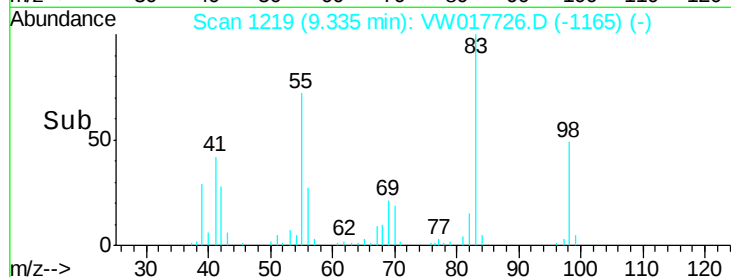
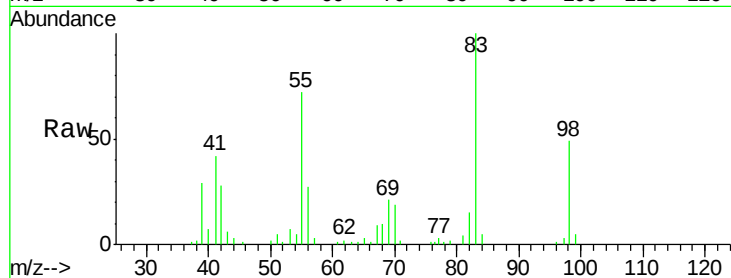




#36
Methylcyclohexane
Concen: 2.547 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

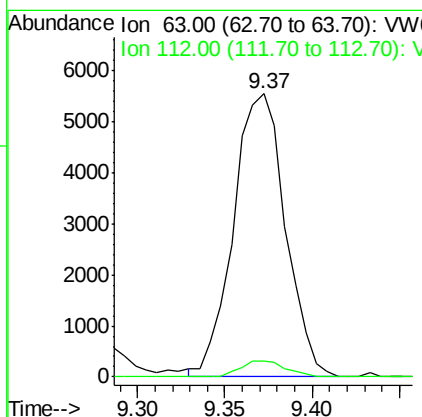
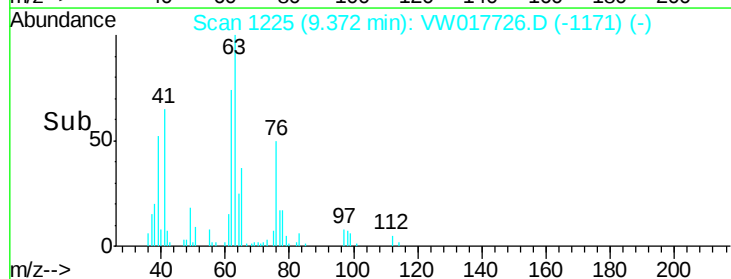
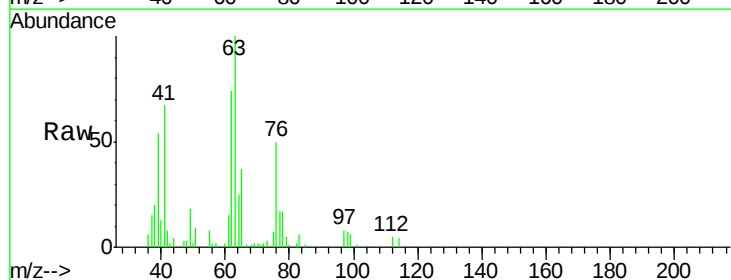
Instrument :
MSVOA_W
ClientSampled :
VSTD2.501

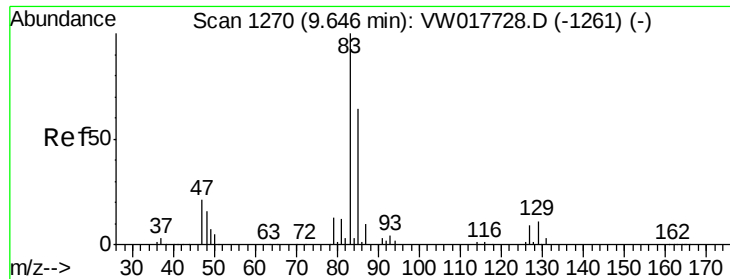
Tgt Ion: 83 Resp: 23023
Ion Ratio Lower Upper
83 100
55 74.1 57.6 86.4
98 50.6 39.7 59.5



#40
1,2-Dichloropropane
Concen: 2.603 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 63 Resp: 11479
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4





#41

Bromodichloromethane

Concen: 2.470 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

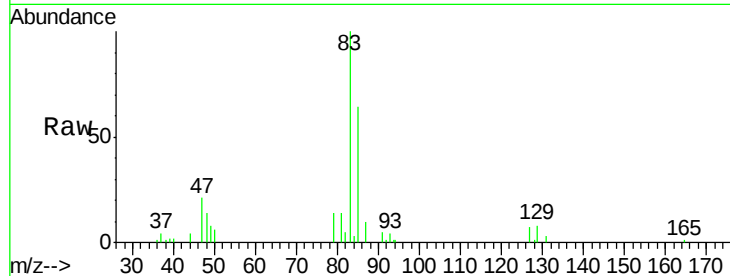
Tgt Ion: 83 Resp: 14912

Ion Ratio Lower Upper

83 100

85 63.5 44.5 82.7

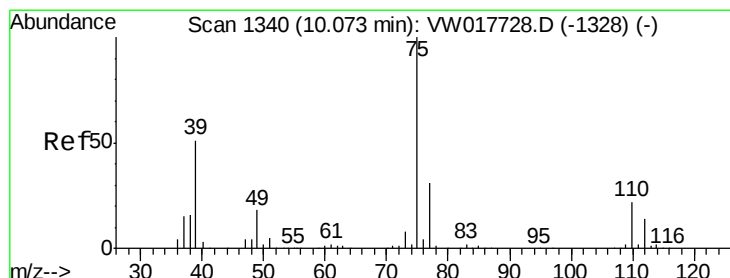
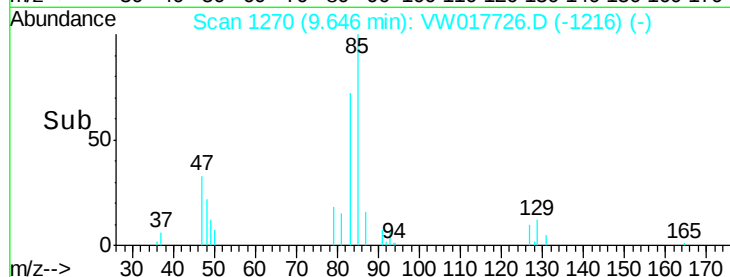
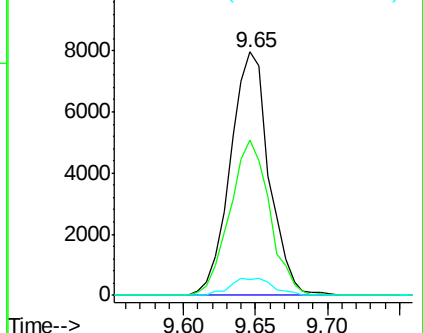
127 6.7 6.9 10.3#



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): VW



#42

cis-1,3-Dichloropropene

Concen: 2.374 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW017726.D

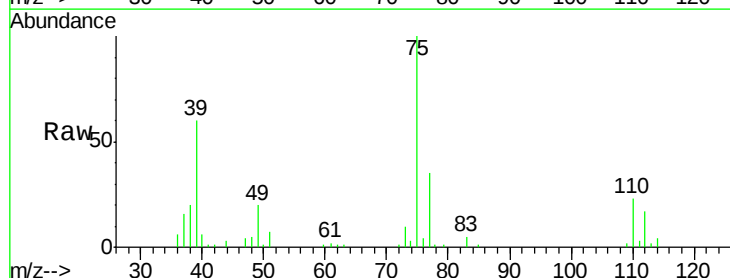
Acq: 24 Dec 2020 09:05

Tgt Ion: 75 Resp: 16708

Ion Ratio Lower Upper

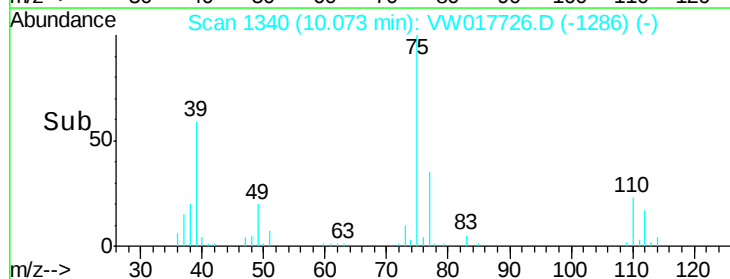
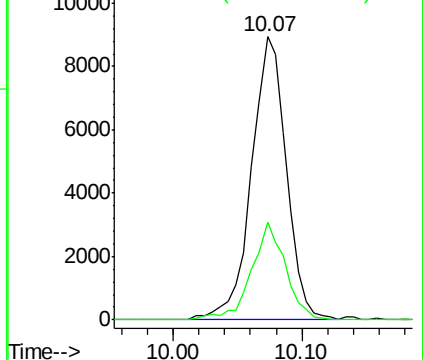
75 100

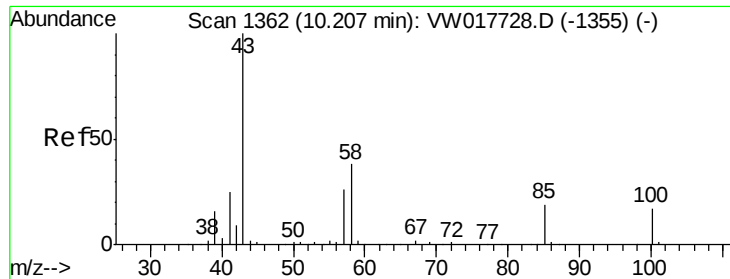
77 34.5 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

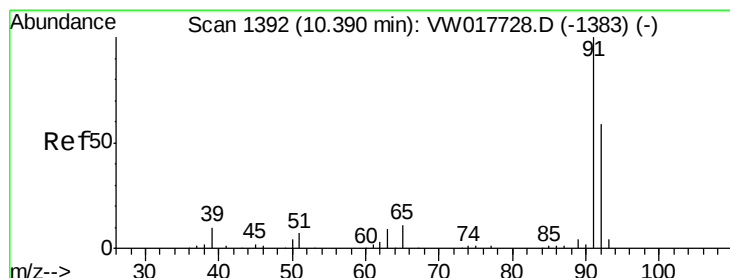
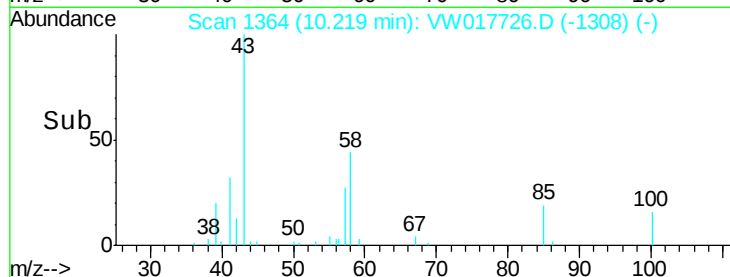
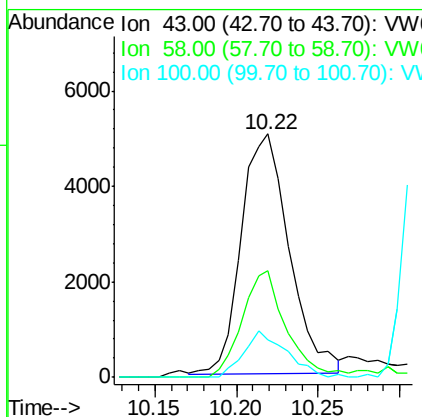
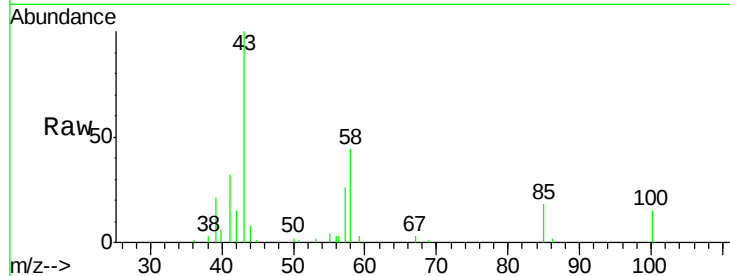




#43
4-Methyl-2-pentanone
Concen: 4.839 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

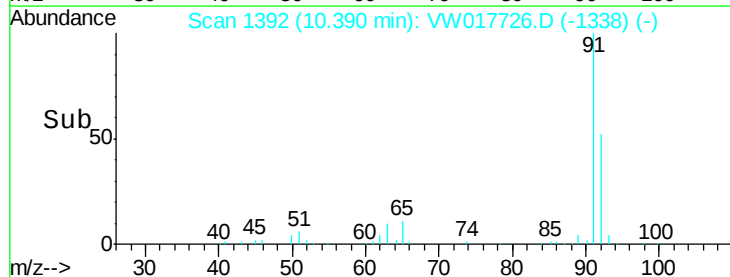
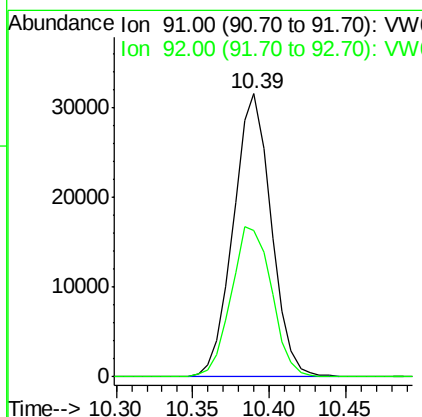
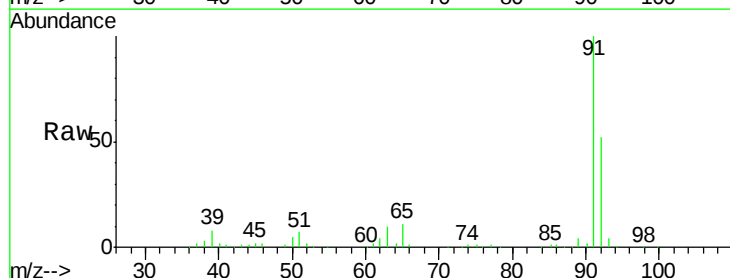
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

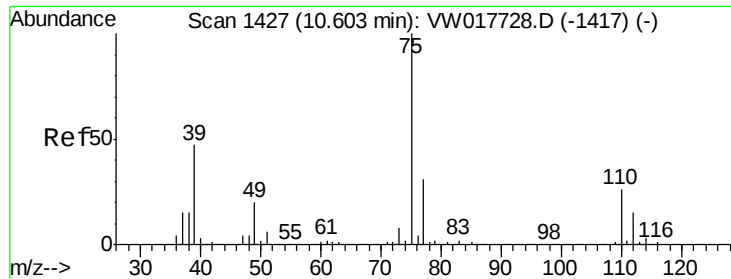
Tgt Ion: 43 Resp: 10368
Ion Ratio Lower Upper
43 100
58 40.3 31.0 46.4
100 16.9 13.5 20.3



#44
Toluene
Concen: 2.540 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 91 Resp: 54111
Ion Ratio Lower Upper
91 100
92 51.6 41.0 76.2





#45

trans-1,3-Dichloropropene

Concen: 2.337 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

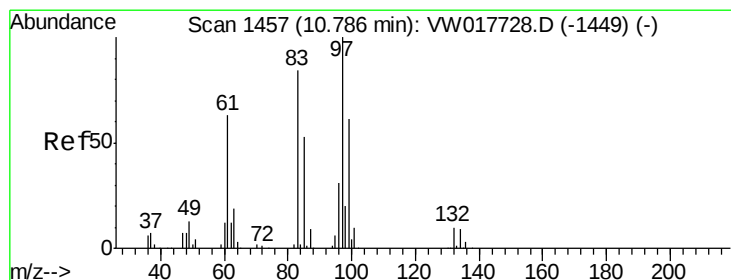
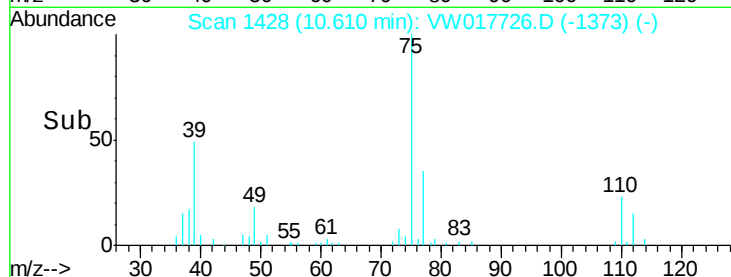
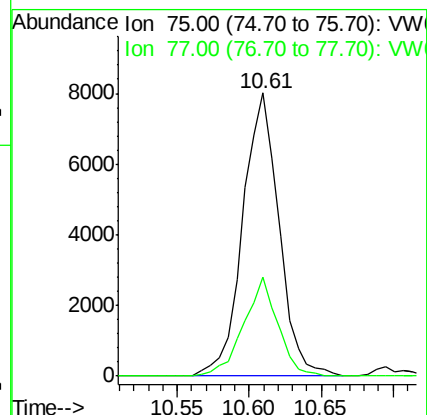
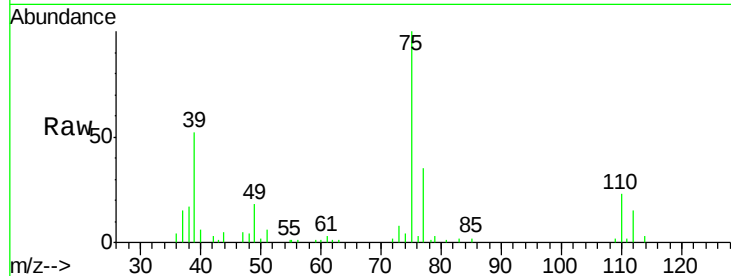
VSTD2.501

Tgt Ion: 75 Resp: 14004

Ion Ratio Lower Upper

75 100

77 35.1 21.6 40.0



#46

1,1,2-Trichloroethane

Concen: 2.591 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Tgt Ion: 97 Resp: 8495

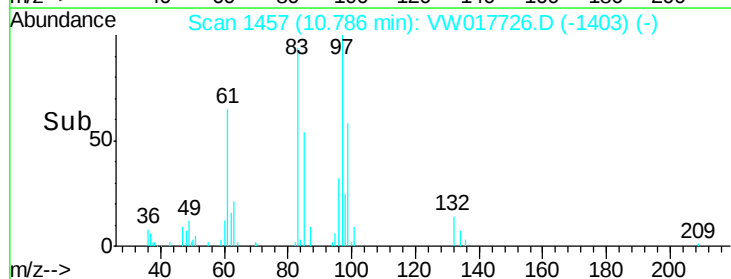
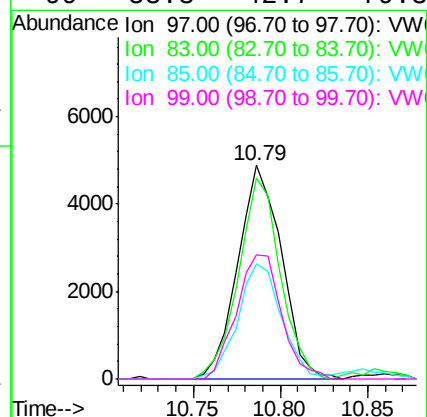
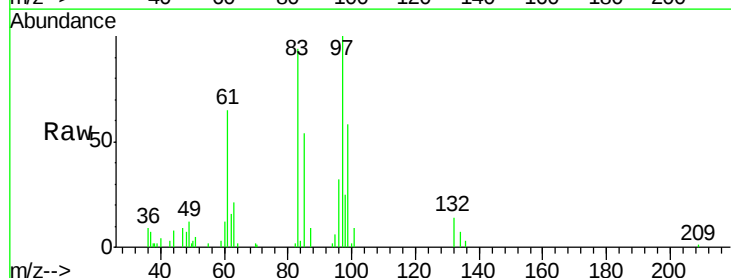
Ion Ratio Lower Upper

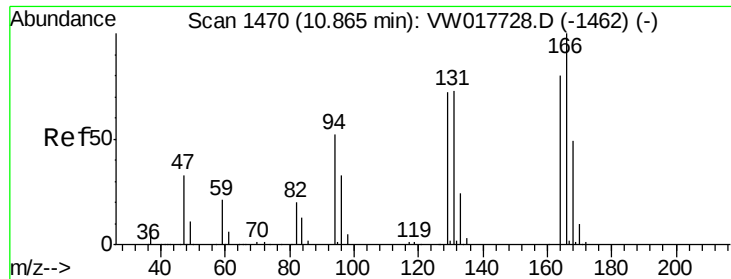
97 100

83 94.0 58.9 109.5

85 54.1 37.1 68.9

99 58.3 42.7 79.3





#47

Tetrachloroethene

Concen: 2.564 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

Tgt Ion:164 Resp: 10366

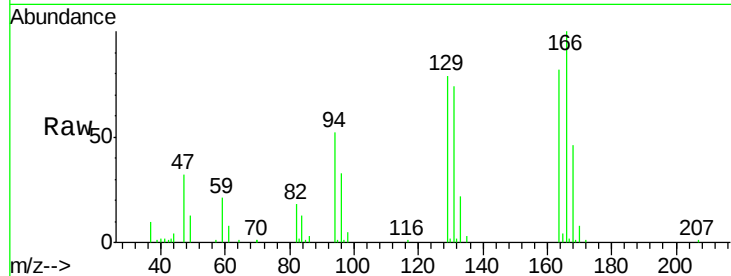
Ion Ratio Lower Upper

164 100

129 97.3 62.9 116.9

131 90.4 63.8 118.6

166 122.6 87.4 162.2

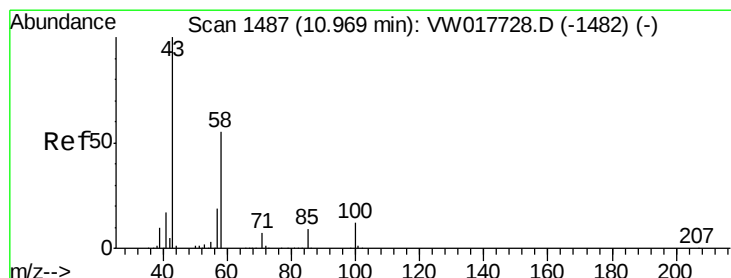
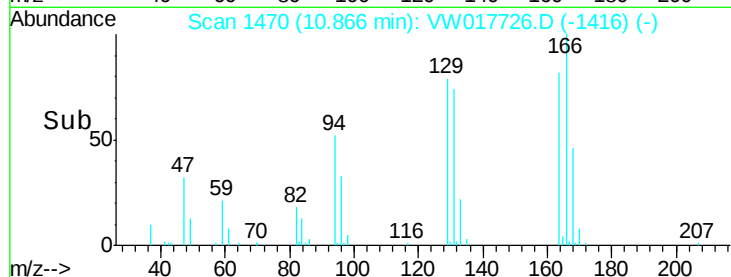
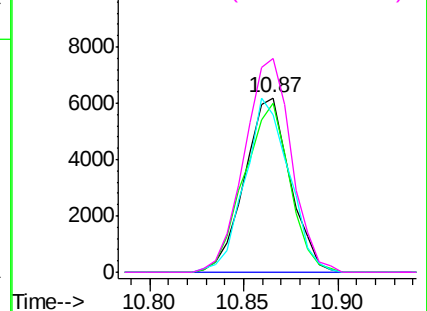


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 4.695 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Tgt Ion: 43 Resp: 7137

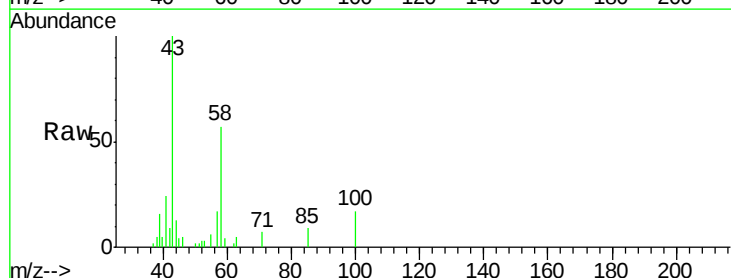
Ion Ratio Lower Upper

43 100

58 52.1 44.2 66.4

57 17.8 16.1 24.1

100 12.1 11.0 16.4

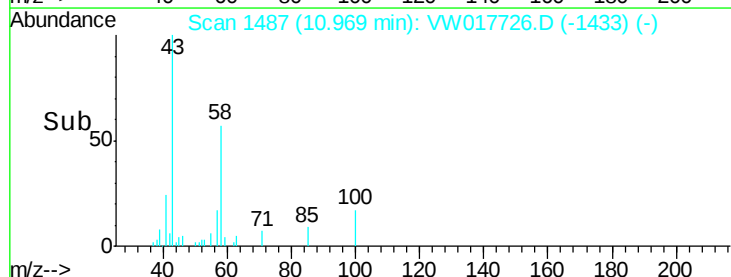
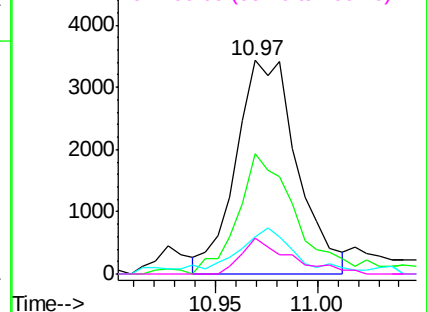


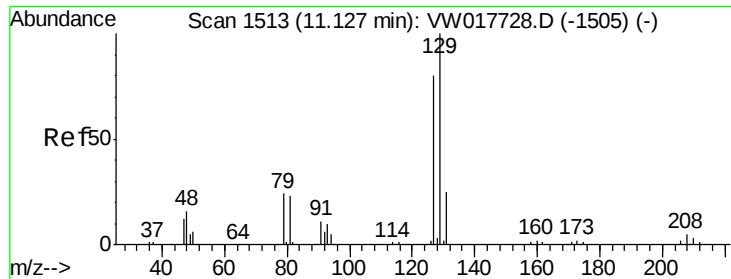
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

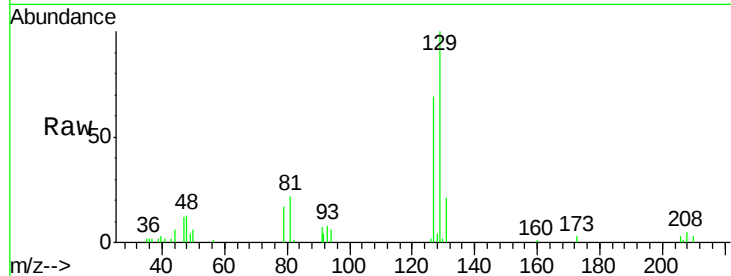




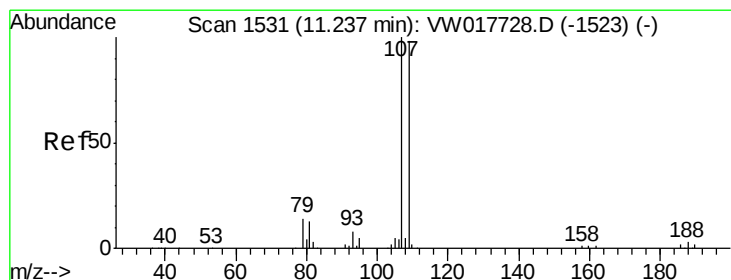
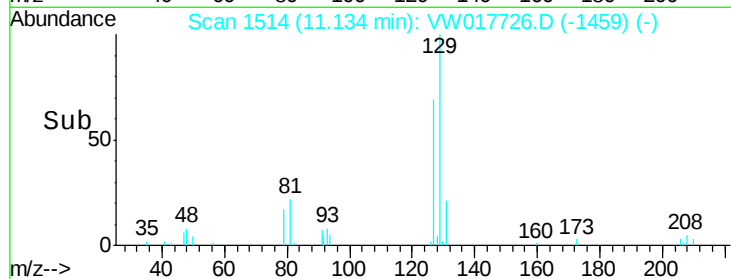
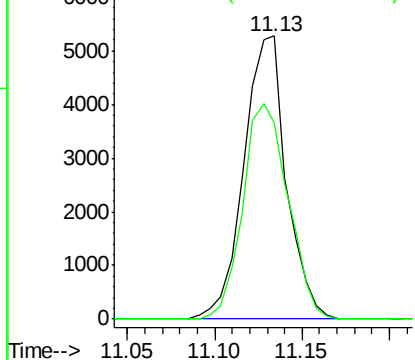
#50
Dibromochloromethane
Concen: 2.295 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

Tgt Ion:129 Resp: 8931
Ion Ratio Lower Upper
129 100
127 68.0 56.1 104.3

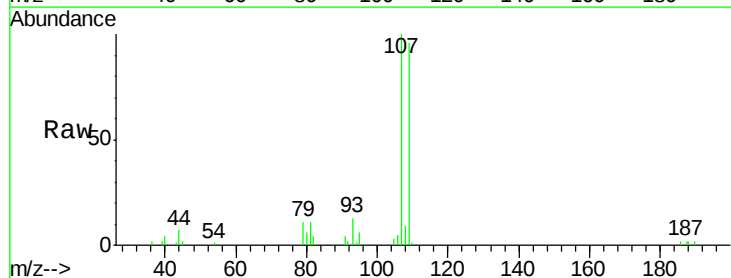


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

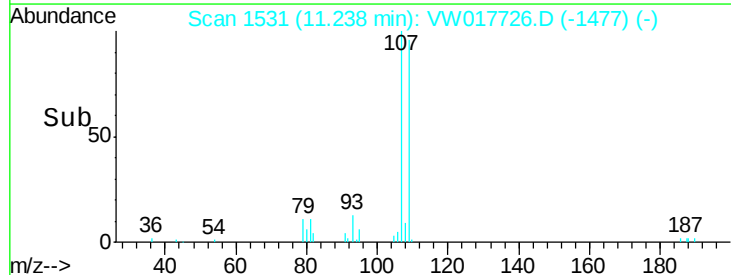
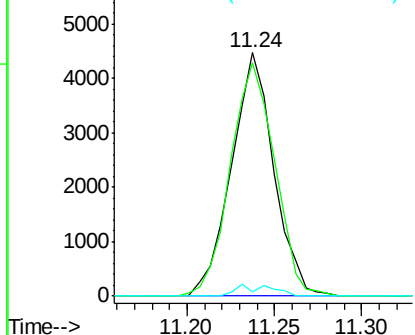


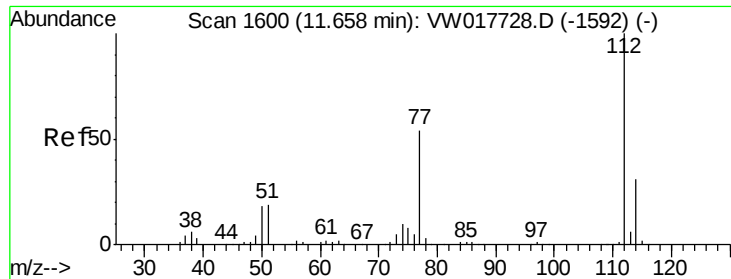
#51
1,2-Dibromoethane
Concen: 2.430 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion:107 Resp: 7540
Ion Ratio Lower Upper
107 100
109 95.7 68.5 127.1
188 1.8 2.7 4.1#



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

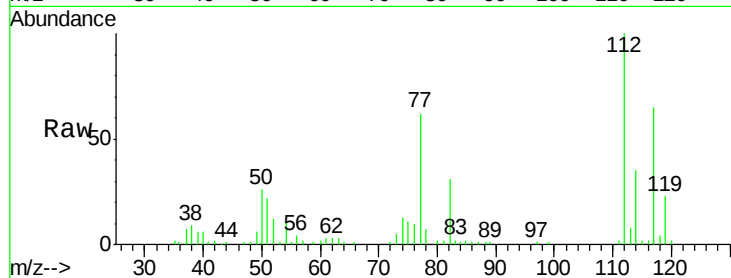




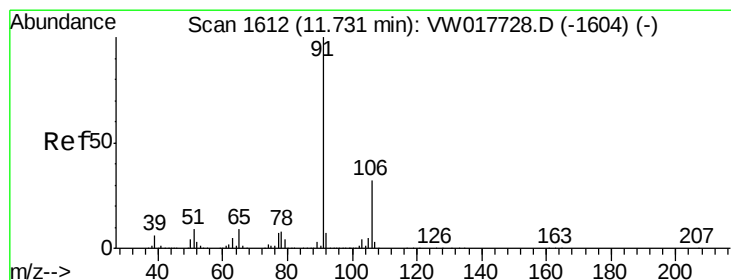
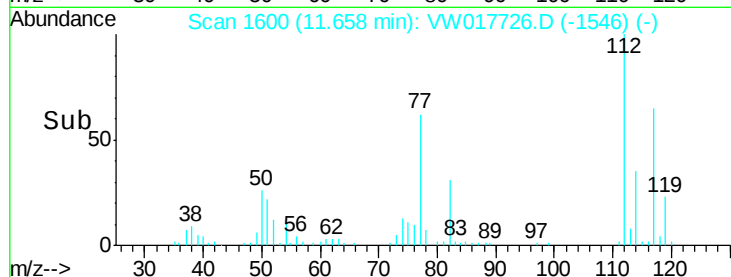
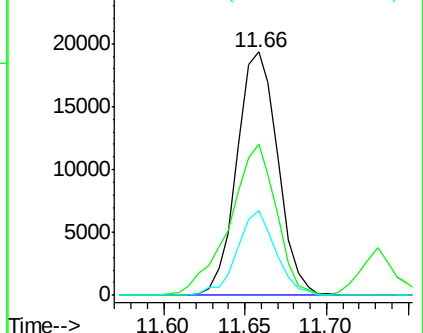
#52
Chlorobenzene
Concen: 2.541 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

Tgt Ion: 112 Resp: 33788
Ion Ratio Lower Upper
112 100
77 62.4 43.4 65.2
114 34.9 21.6 40.2

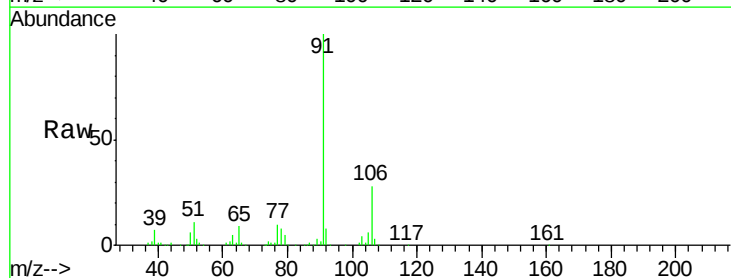


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VW
Ion 114.00 (113.70 to 114.70): V

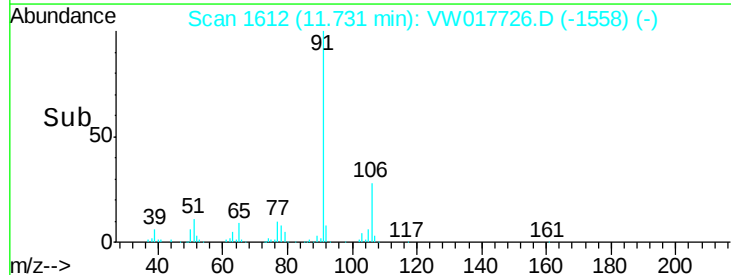
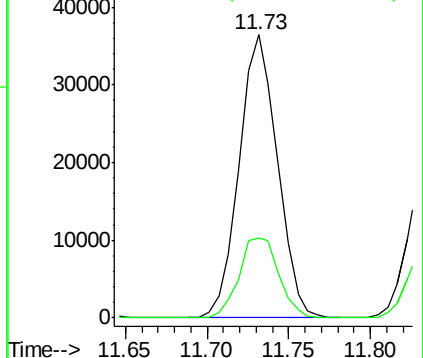


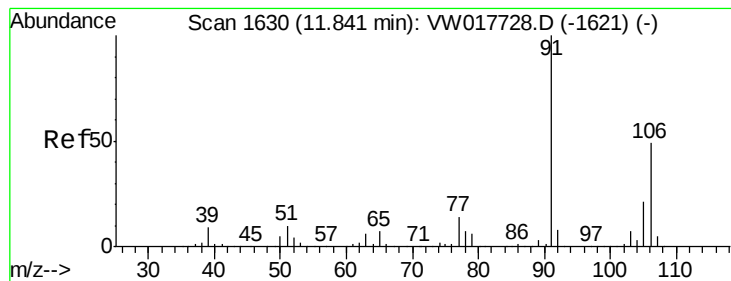
#53
Ethylbenzene
Concen: 2.467 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion: 91 Resp: 59629
Ion Ratio Lower Upper
91 100
106 28.3 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 2.449 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampled :

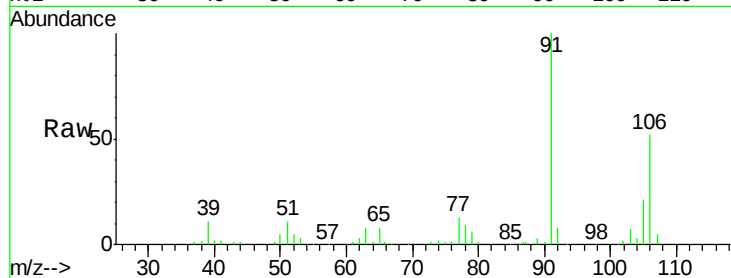
VSTD2.501

Tgt Ion:106 Resp: 23155

Ion Ratio Lower Upper

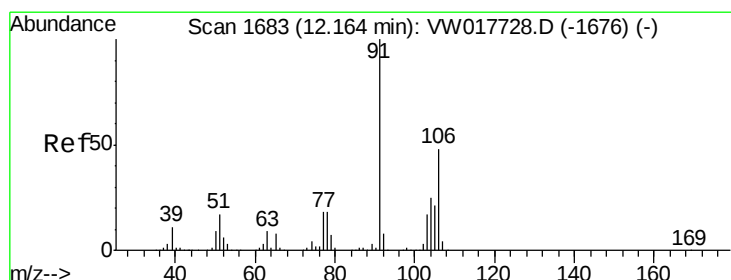
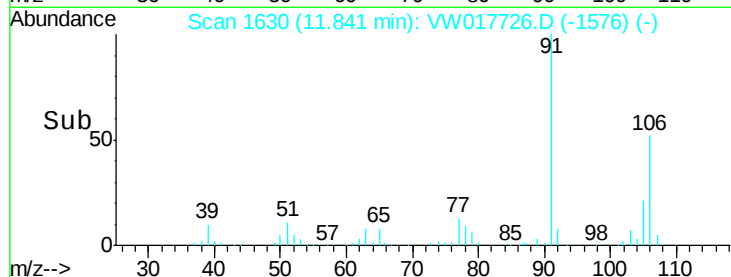
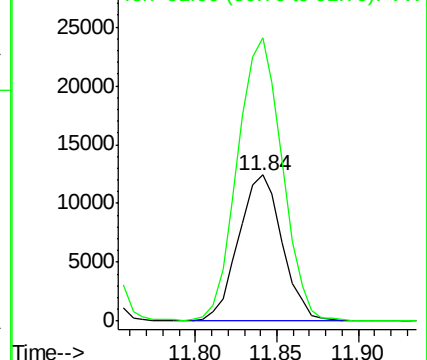
106 100

91 193.4 141.6 263.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.429 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW017726.D

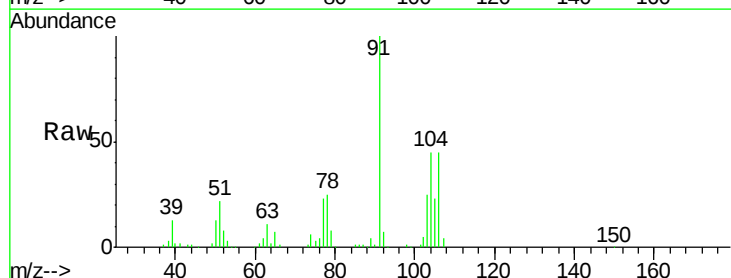
Acq: 24 Dec 2020 09:05

Tgt Ion:106 Resp: 21603

Ion Ratio Lower Upper

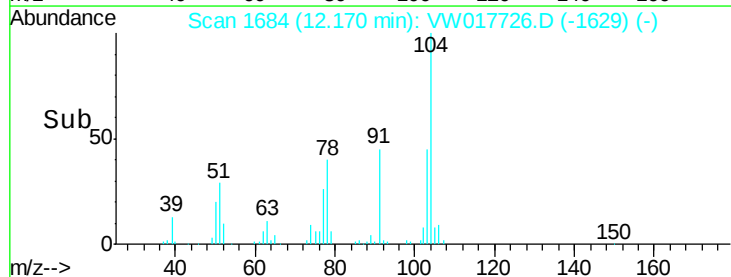
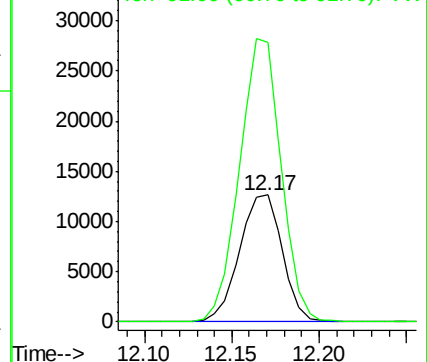
106 100

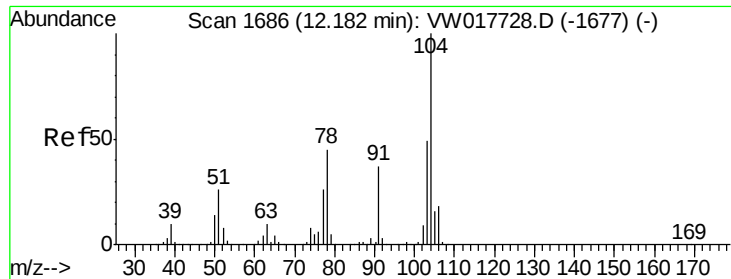
91 220.3 145.7 270.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 2.294 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

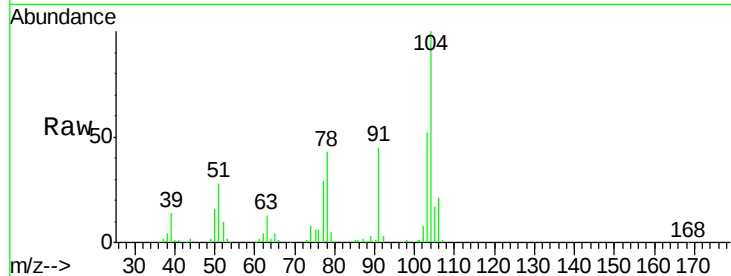
VSTD2.501

Tgt Ion:104 Resp: 33928

Ion Ratio Lower Upper

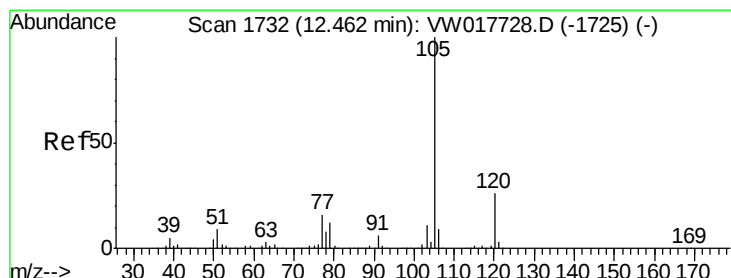
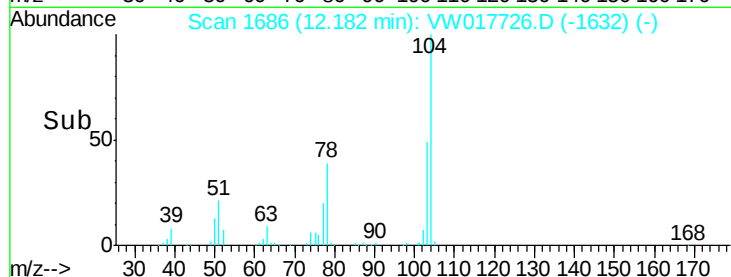
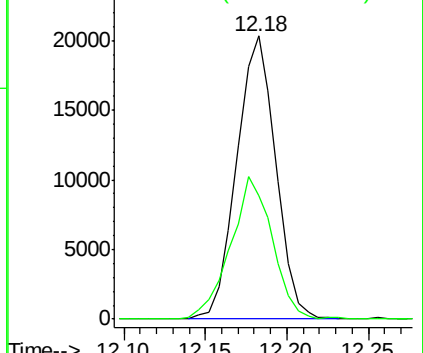
104 100

78 43.5 31.6 58.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#57

Isopropylbenzene

Concen: 2.348 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

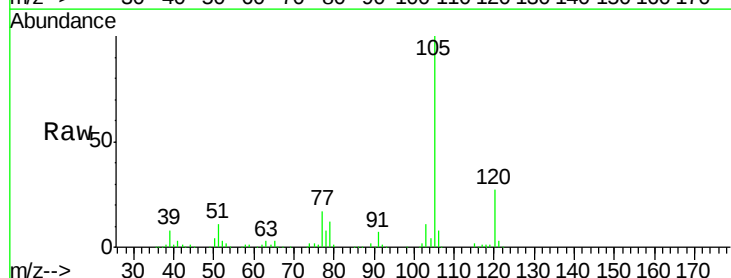
Tgt Ion:105 Resp: 57812

Ion Ratio Lower Upper

105 100

120 27.0 21.4 32.2

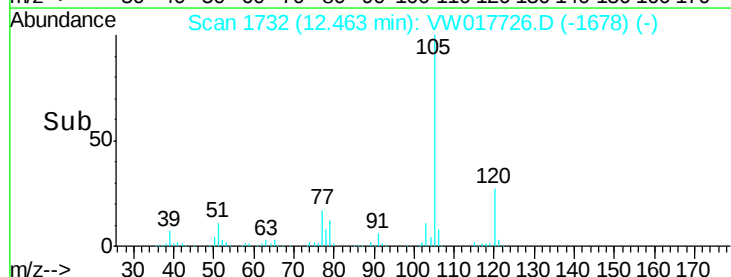
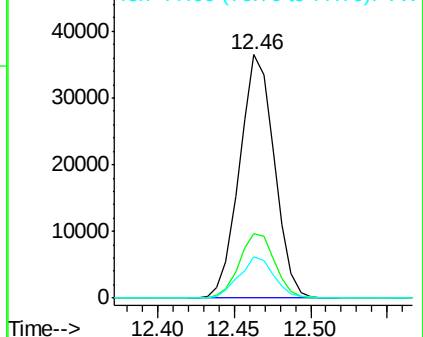
77 16.9 12.7 19.1

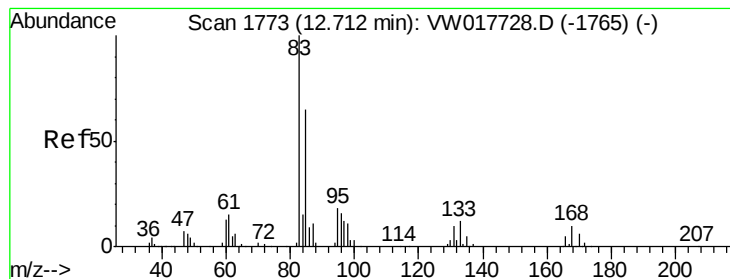


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#58

1,1,2,2-Tetrachloroethane

Concen: 2.498 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

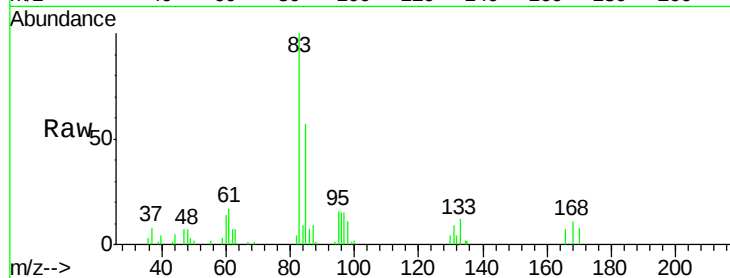
Tgt Ion: 83 Resp: 9139

Ion Ratio Lower Upper

83 100

85 57.4 45.6 84.8

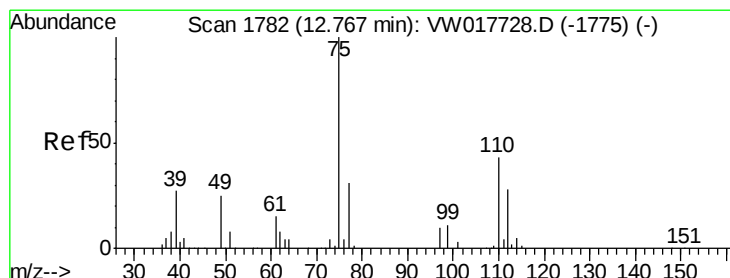
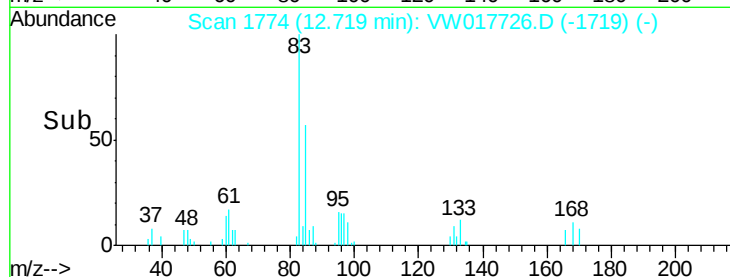
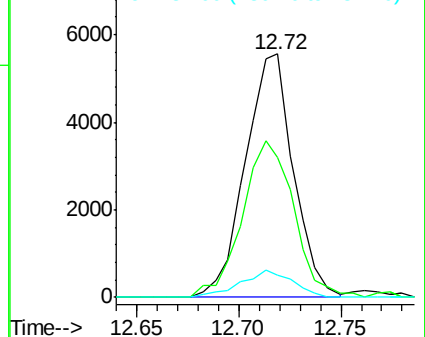
131 13.5 7.8 11.8#



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): VW



#59

1,2,3-Trichloropropane

Concen: 2.503 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW017726.D

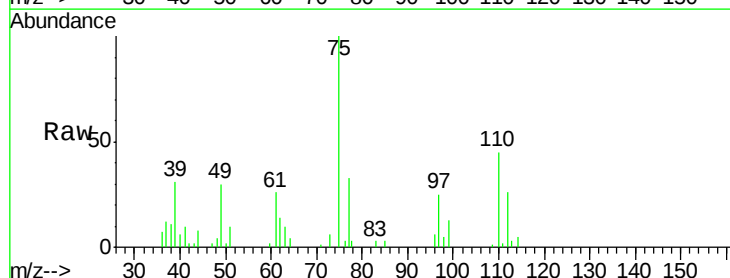
Acq: 24 Dec 2020 09:05

Tgt Ion: 75 Resp: 6733

Ion Ratio Lower Upper

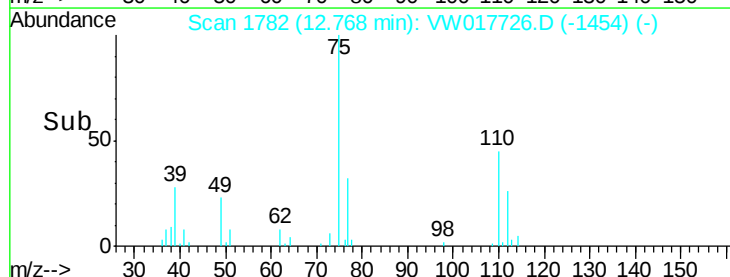
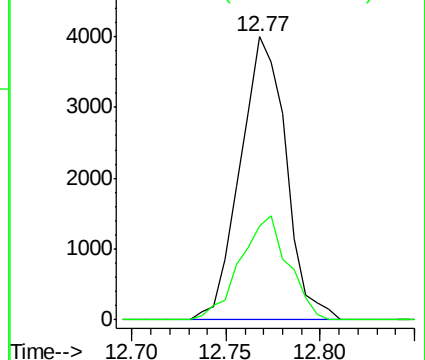
75 100

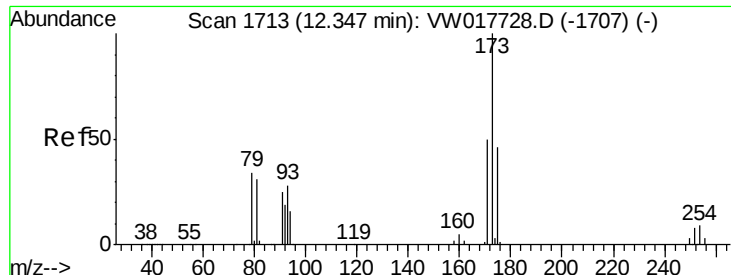
77 38.6 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

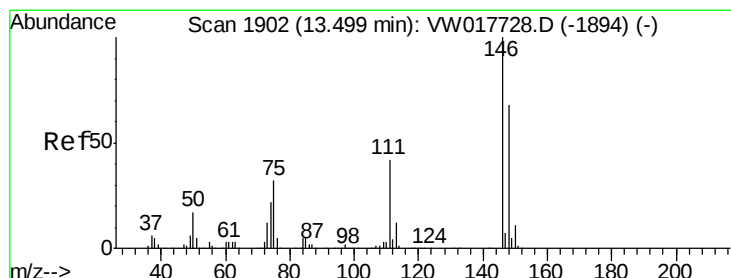
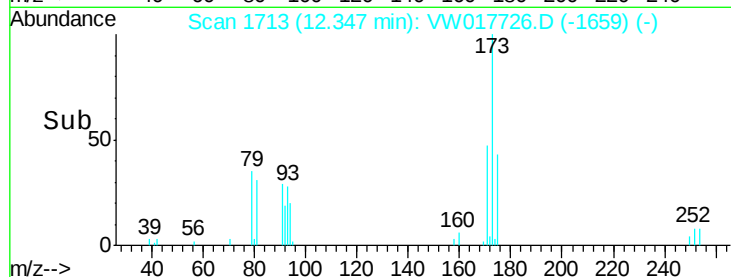
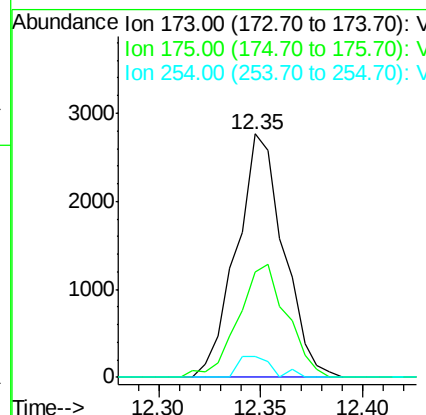
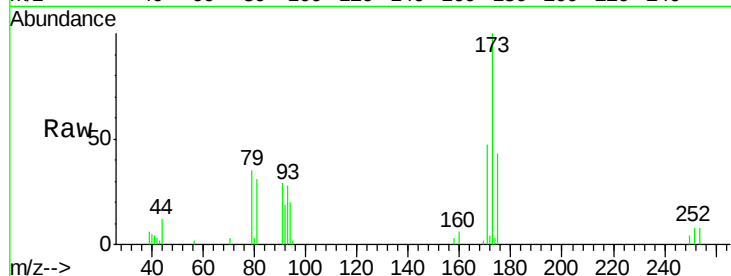




#62
Bromoform
Concen: 2.274 ug/L
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

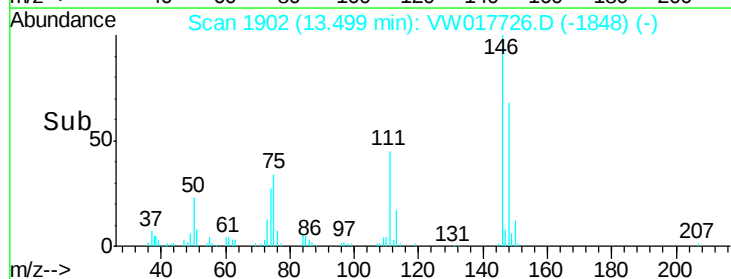
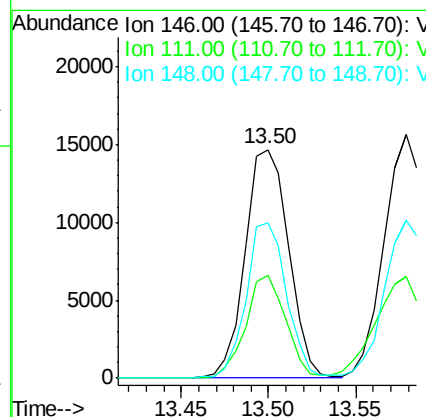
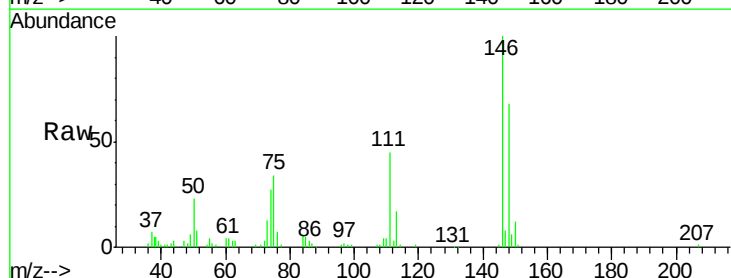
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

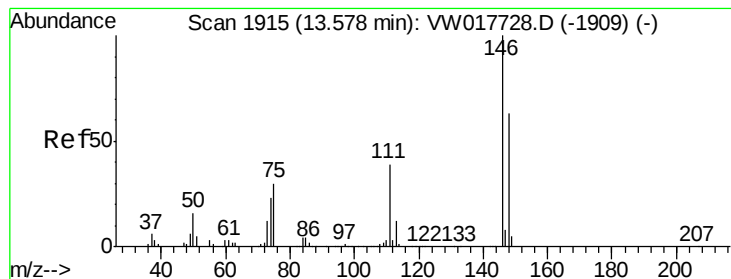
Tgt Ion:173 Resp: 4449
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 5.4 6.7 10.1#



#63
1,3-Dichlorobenzene
Concen: 2.574 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW017726.D
Acq: 24 Dec 2020 09:05

Tgt Ion:146 Resp: 25399
Ion Ratio Lower Upper
146 100
111 45.2 29.5 54.7
148 67.8 47.7 88.5





#64

1,4-Dichlorobenzene

Concen: 2.594 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

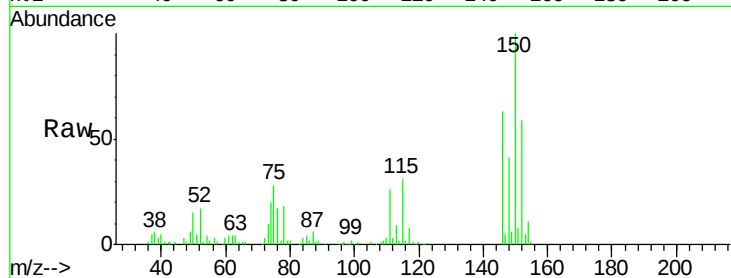
Tgt Ion:146 Resp: 25728

Ion Ratio Lower Upper

146 100

111 41.5 27.7 51.5

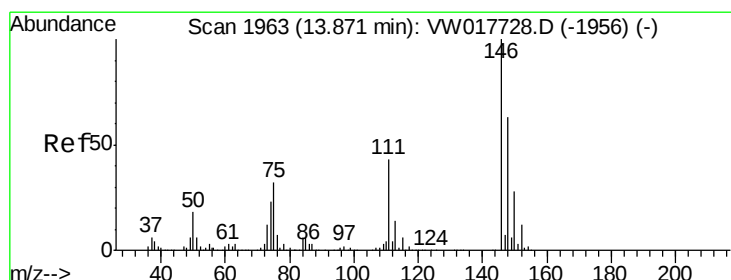
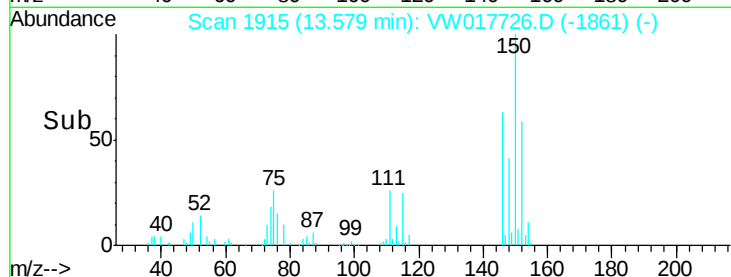
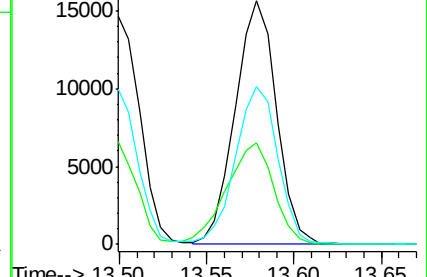
148 64.6 44.2 82.2



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

1,2-Dichlorobenzene

Concen: 2.613 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

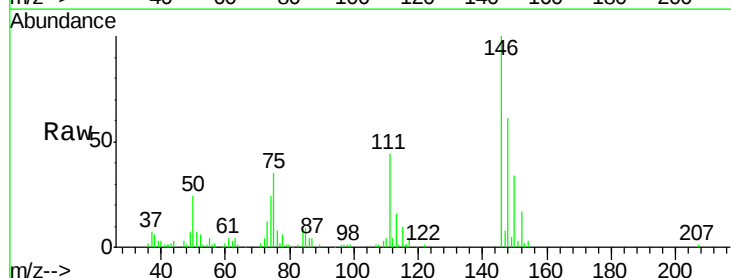
Tgt Ion:146 Resp: 22658

Ion Ratio Lower Upper

146 100

111 44.0 34.4 51.6

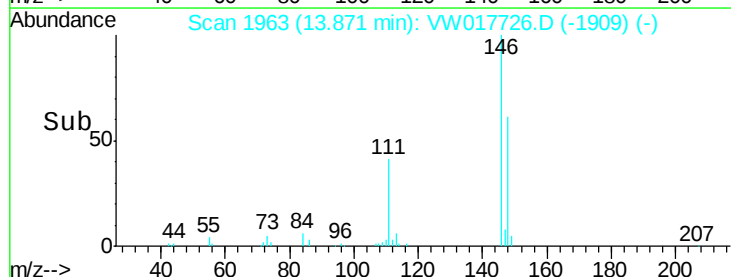
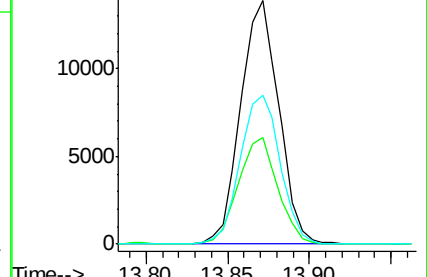
148 61.2 50.6 76.0

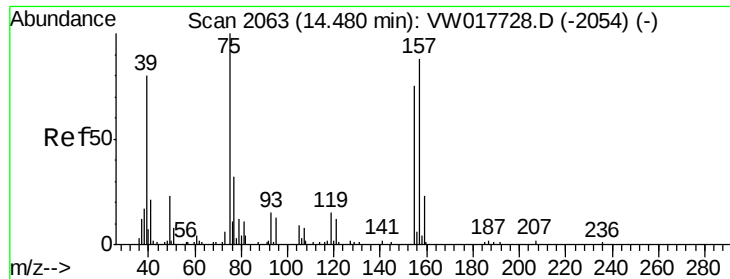


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66

1,2-Dibromo-3-chloropropane

Concen: 2.761 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

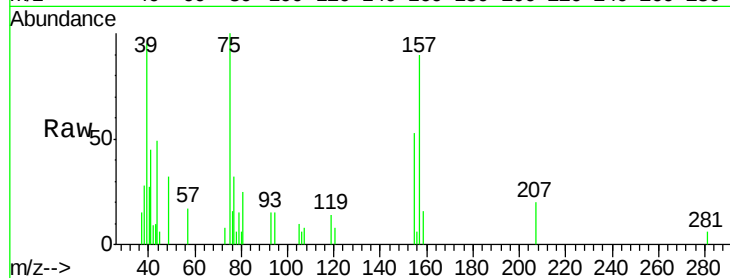
Tgt Ion: 75 Resp: 1577

Ion Ratio Lower Upper

75 100

157 89.6 70.2 105.4

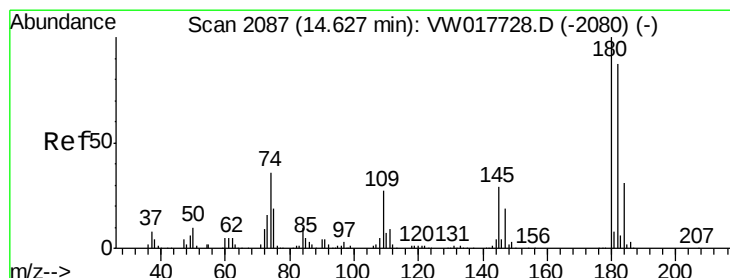
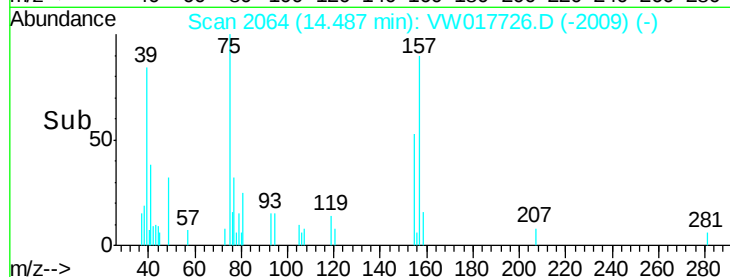
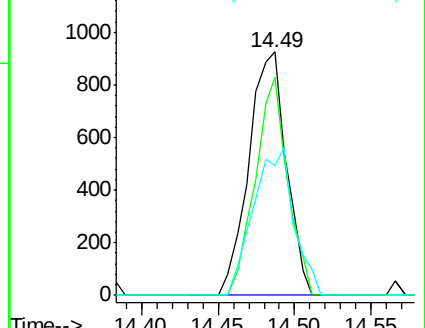
155 53.0 59.8 89.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V



#67

1,3,5-Trichlorobenzene

Concen: 2.604 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Tgt Ion: 180 Resp: 17618

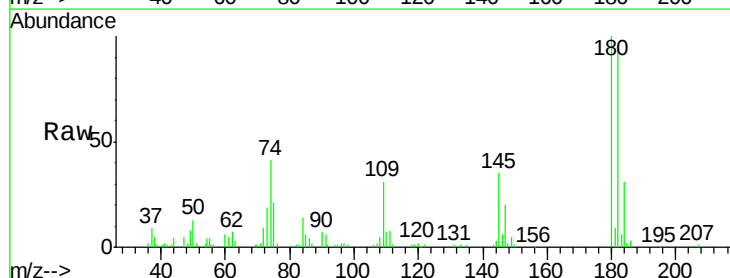
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

184 31.5 23.6 35.4

145 32.3 25.2 37.8

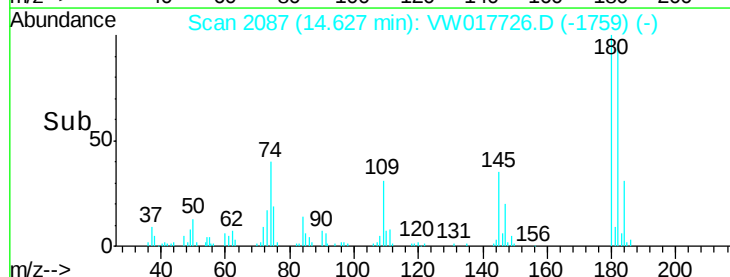
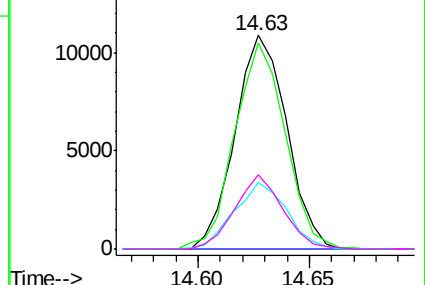


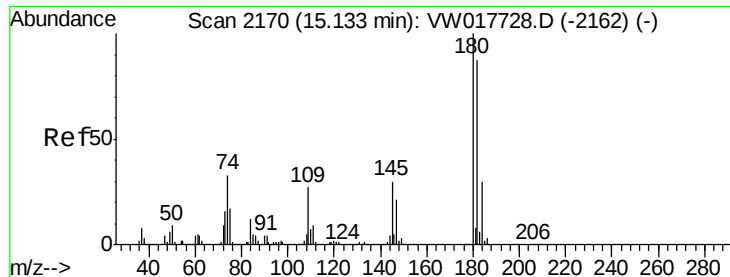
Abundance Ion 180.00 (179.70 to 180.70): V

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





#68

1,2,4-trichlorobenzene

Concen: 2.737 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.501

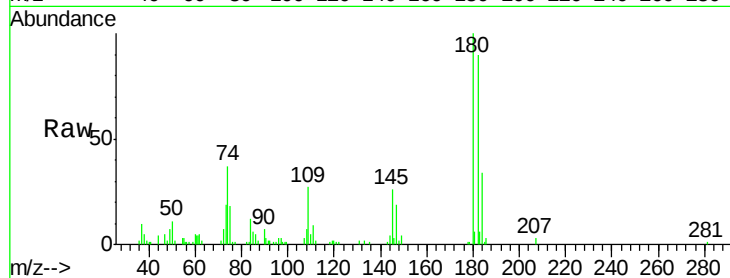
Tgt Ion:180 Resp: 15238

Ion Ratio Lower Upper

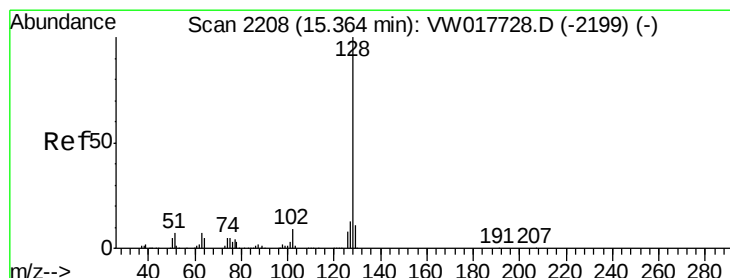
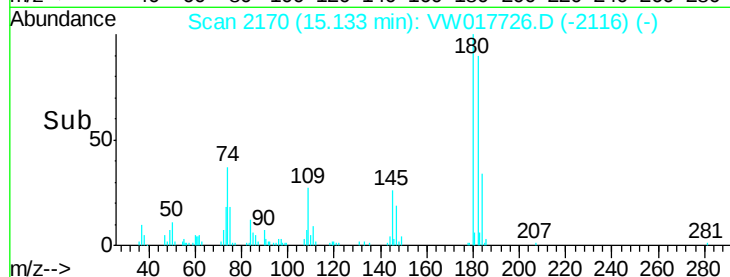
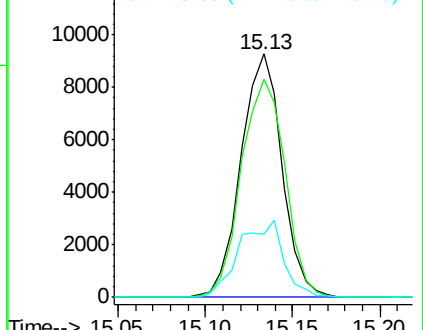
180 100

182 95.4 73.0 109.6

145 12.4 25.8 38.6#



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



#69

Naphthalene

Concen: 2.669 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW017726.D

Acq: 24 Dec 2020 09:05

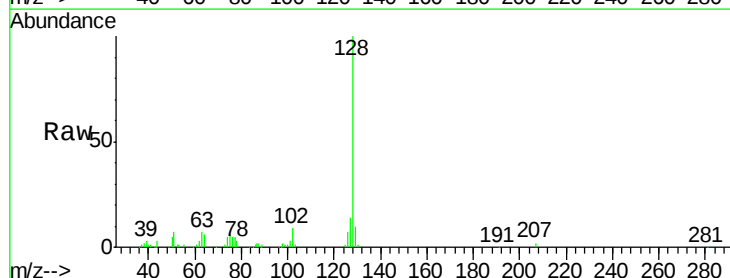
Tgt Ion:128 Resp: 28306

Ion Ratio Lower Upper

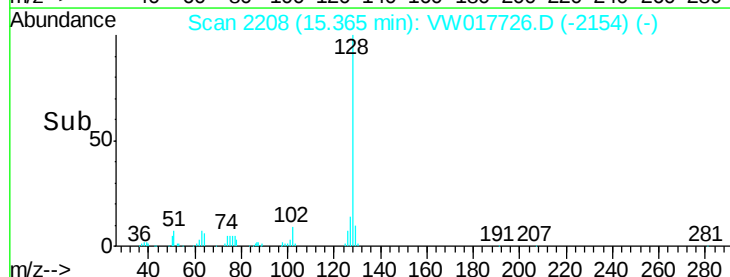
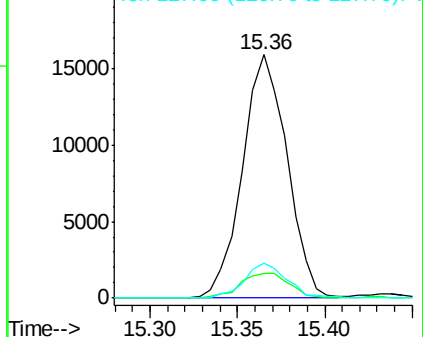
128 100

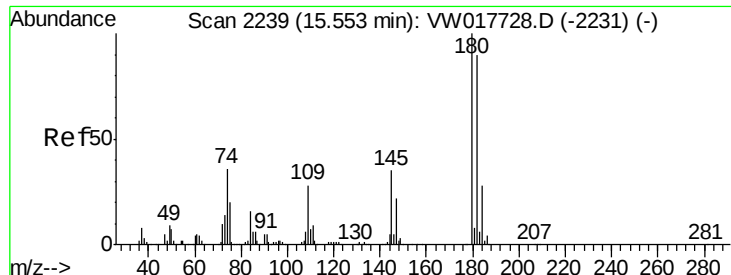
129 11.4 8.8 13.2

127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

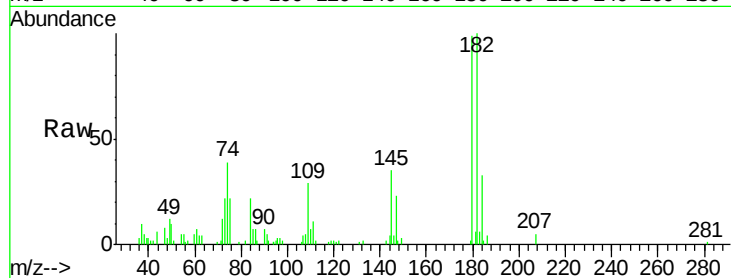




#70
 1,2,3-Trichlorobenzene
 Concen: 2.637 ug/L
 RT: 15.55 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: VW017726.D
 Acq: 24 Dec 2020 09:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.501

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.8	112.2
145	35.2	28.6	43.0



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

