

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017176.D
 Acq On : 12 Nov 2020 10:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Nov 13 04:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	425301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142881	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
7) Chloroethane-d5	2.89	69	120679	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.92%
10) 1,1-Dichloroethene-d2	4.02	63	243861	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
20) 2-Butanone-d5	7.09	46	58269	48.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.28%
24) Chloroform-d	7.65	84	286777	28.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.52%
26) 1,2-Dichloroethane-d4	8.31	65	139410	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.28	84	542547	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.27	67	151867	28.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.08%
37) Toluene-d8	10.33	98	507466	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.88%
38) trans-1,3-Dichloropropene-	10.58	79	65606	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.40%
39) 2-Hexanone-d5	10.93	63	47283	49.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131354	27.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	196836	27.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	101643	23.820	ug/L	96
3) Chloromethane	2.21	50	90813	23.449	ug/L	100
5) Vinyl chloride	2.37	62	143533	25.270	ug/L	97
6) Bromomethane	2.78	94	99479	25.325	ug/L	100
8) Chloroethane	2.93	64	90522	26.413	ug/L	99
9) Trichlorofluoromethane	3.26	101	127807	27.666	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	139048	25.329	ug/L	99
12) 1,1-Dichloroethene	4.04	96	125548	23.784	ug/L	95
13) Acetone	4.13	43	33329	41.552	ug/L	96
14) Carbon disulfide	4.39	76	315215	21.943	ug/L	98
15) Methyl Acetate	4.68	43	38209	19.219	ug/L	97
16) Methylene chloride	4.92	84	125904	21.958	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	141575	21.964	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	128590	23.534	ug/L	96
19) 1,1-Dichloroethane	6.22	63	211951	24.483	ug/L	99
21) 2-Butanone	7.18	43	49579	38.495	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	135977	23.536	ug/L	97

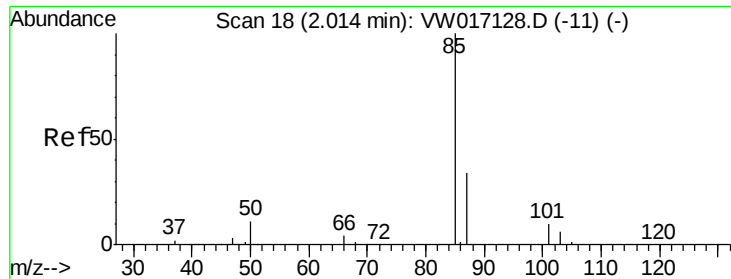
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017176.D
 Acq On : 12 Nov 2020 10:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Nov 13 04:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	62354	22.417	ug/L	98
25) Chloroform	7.68	83	236157	25.056	ug/L	99
27) 1,2-Dichloroethane	8.40	62	137136	24.280	ug/L	98
30) Cyclohexane	7.96	56	171339	23.649	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	206334	26.184	ug/L	98
32) Carbon tetrachloride	8.07	117	199683	26.261	ug/L	99
34) Benzene	8.33	78	494992	24.498	ug/L	100
35) Trichloroethene	9.09	95	134264	23.721	ug/L	99
36) Methylcyclohexane	9.34	83	218673	24.010	ug/L	99
40) 1,2-Dichloropropane	9.37	63	113110	23.947	ug/L	98
41) Bromodichloromethane	9.65	83	165716	25.368	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	182314	24.369	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	115076	39.490	ug/L	98
44) Toluene	10.39	91	549748	24.718	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	156993	24.435	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	94988	23.325	ug/L	97
47) Tetrachloroethene	10.87	164	123237	24.132	ug/L	96
49) 2-Hexanone	10.97	43	75872	43.187	ug/L	96
50) Dibromochloromethane	11.13	129	119727	24.132	ug/L	99
51) 1,2-Dibromoethane	11.24	107	90985	22.998	ug/L	100
52) Chlorobenzene	11.66	112	370321	24.618	ug/L	100
53) Ethylbenzene	11.73	91	631434	25.418	ug/L	97
54) m,p-Xylene	11.84	106	248561	25.578	ug/L	95
55) o-xylene	12.17	106	231573	25.106	ug/L	93
56) Styrene	12.18	104	391398	25.274	ug/L	95
57) Isopropylbenzene	12.46	105	648684	25.914	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	106877	22.718	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	75581	22.351	ug/L	98
62) Bromoform	12.35	173	68731	22.348	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	294561	23.634	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	295292	23.583	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	269081	23.941	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15706	21.136	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	224285	24.421	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	170753	23.298	ug/L	95
69) Naphthalene	15.37	128	298151	22.106	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	155342	23.197	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 23.820 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

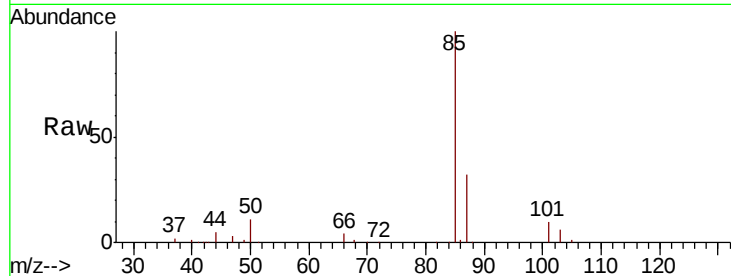
VSTD02524

Tot Ion: 85 Resp: 101643

Ion Ratio Lower Upper

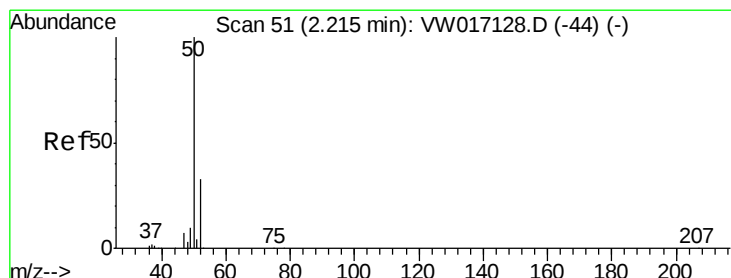
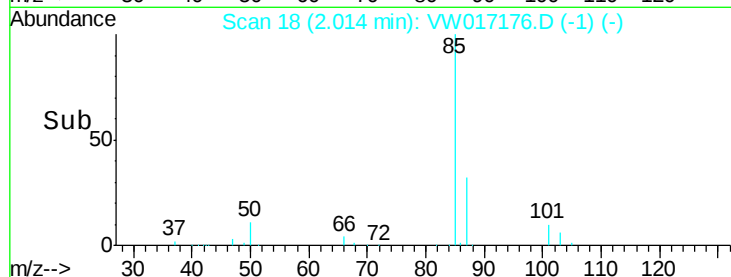
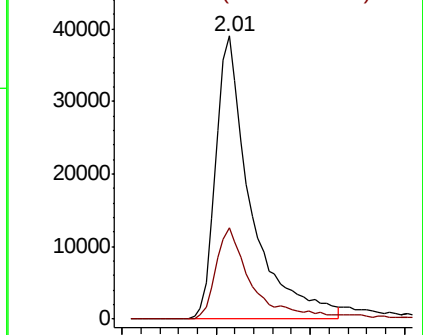
85 100

87 28.4 21.5 39.9



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.449 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW017176.D

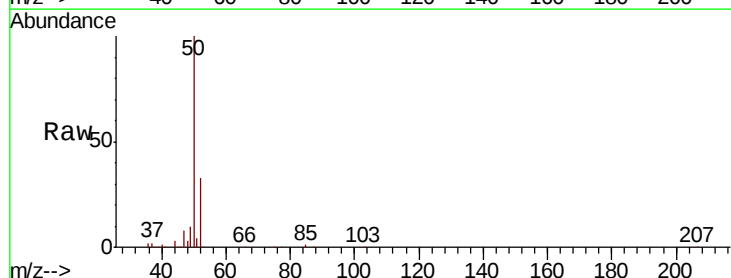
Acq: 12 Nov 2020 10:53

Tgt Ion: 50 Resp: 90813

Ion Ratio Lower Upper

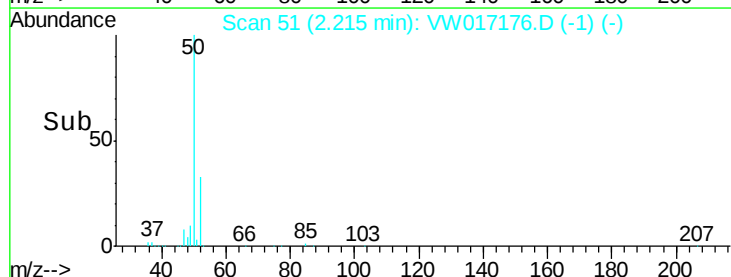
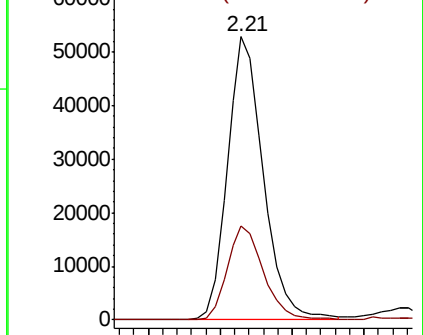
50 100

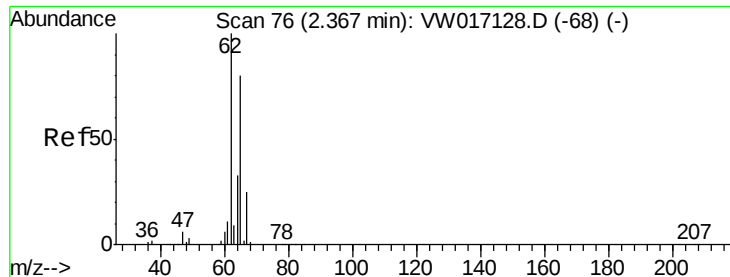
52 33.1 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.270 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

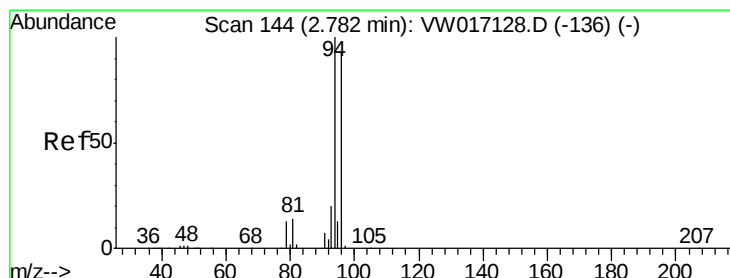
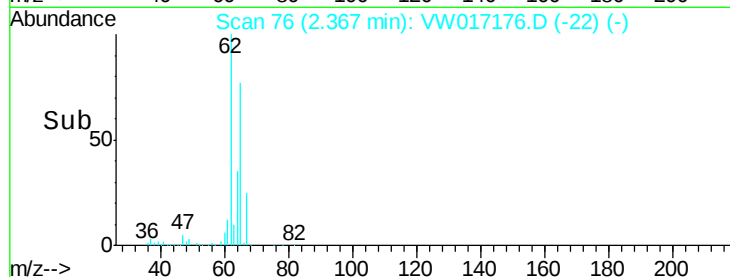
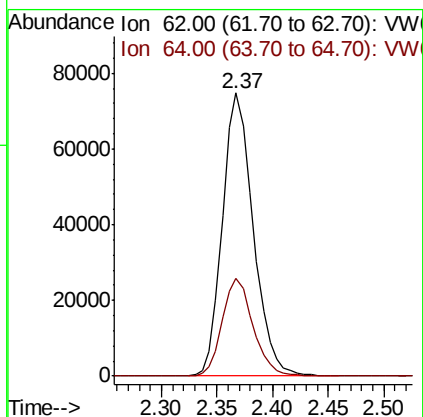
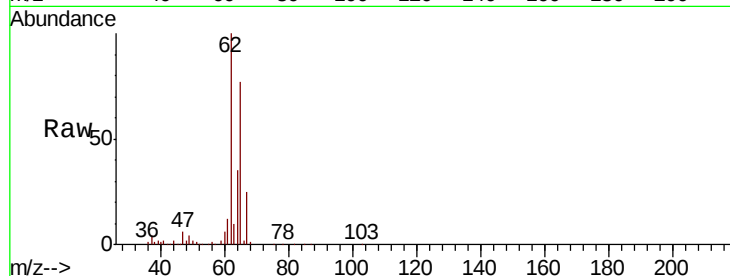
VSTD02524

Tot Ion: 62 Resp: 143533

Ion Ratio Lower Upper

62 100

64 34.7 23.3 43.3



#6

Bromomethane

Concen: 25.325 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW017176.D

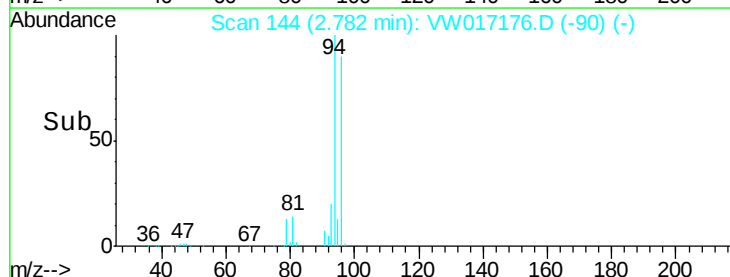
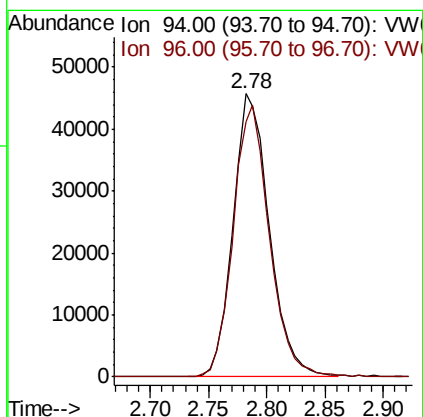
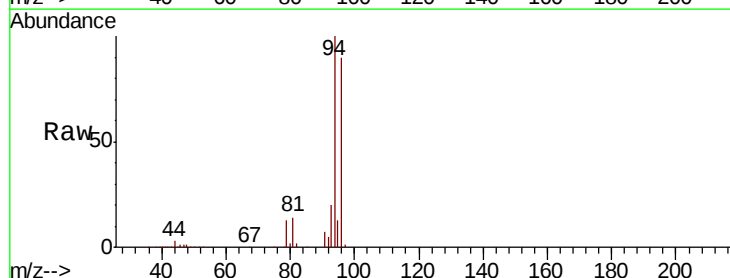
Acq: 12 Nov 2020 10:53

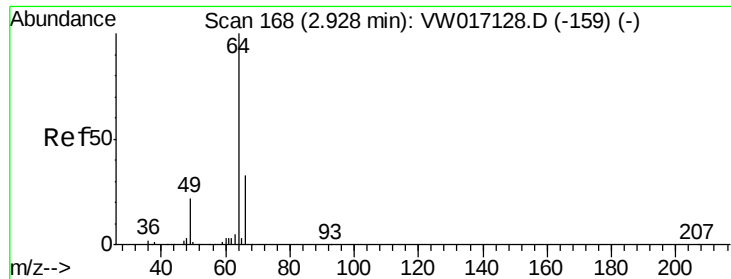
Tgt Ion: 94 Resp: 99479

Ion Ratio Lower Upper

94 100

96 95.5 9.6 181.8





#8

Chloroethane

Concen: 26.413 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

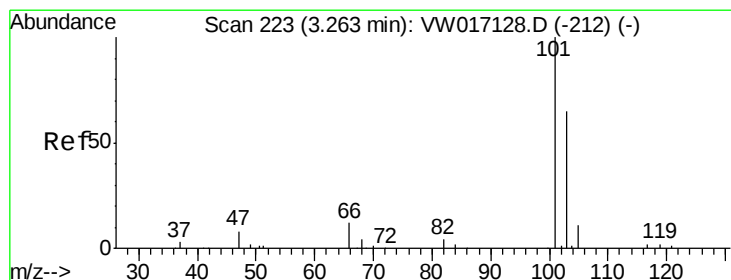
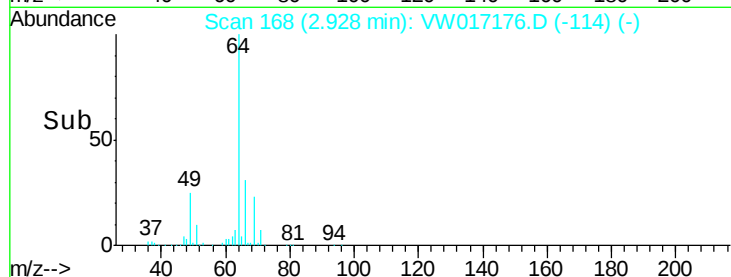
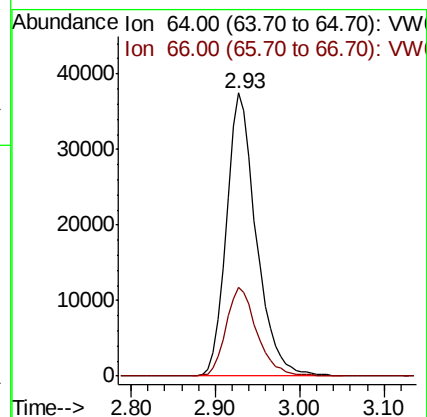
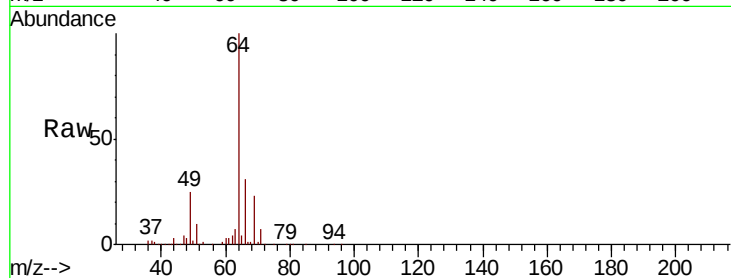
VSTD02524

Tot Ion: 64 Resp: 90522

Ion Ratio Lower Upper

64 100

66 31.3 22.3 41.5



#9

Trichlorofluoromethane

Concen: 27.666 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW017176.D

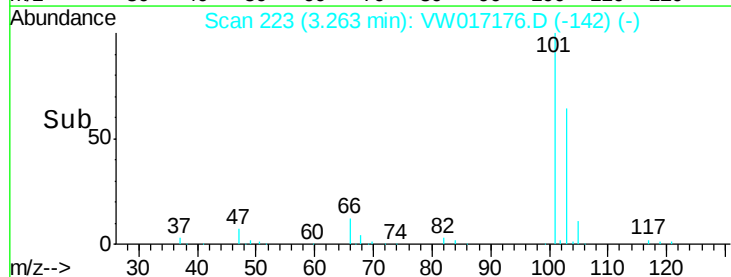
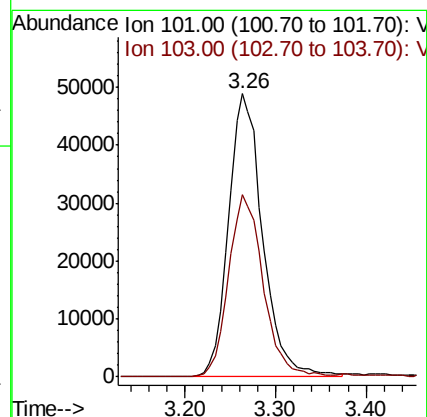
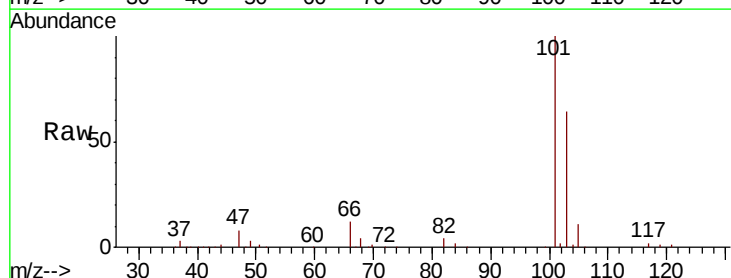
Acq: 12 Nov 2020 10:53

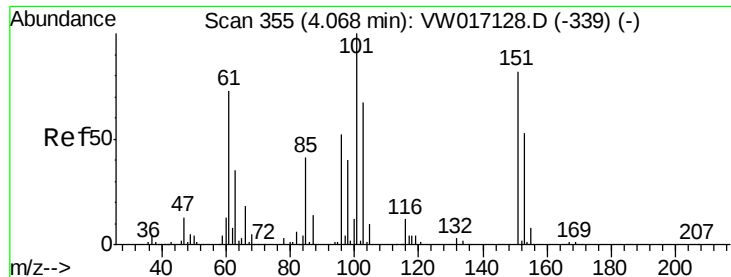
Tgt Ion: 101 Resp: 127807

Ion Ratio Lower Upper

101 100

103 64.7 45.4 84.2





#11

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

Concen: 25.329 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD02524

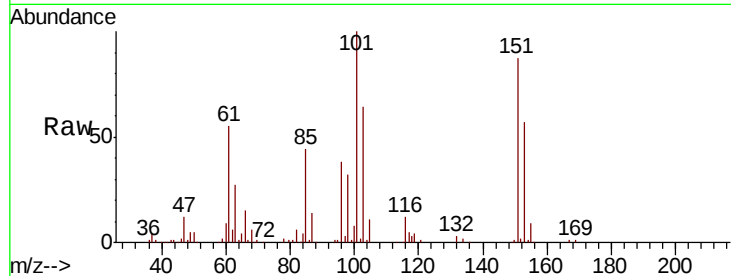
Tot Ion:101 Resp: 139048

Ion Ratio Lower Upper

101 100

85 41.9 32.8 49.2

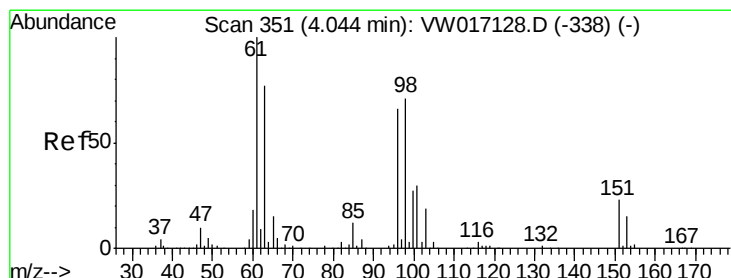
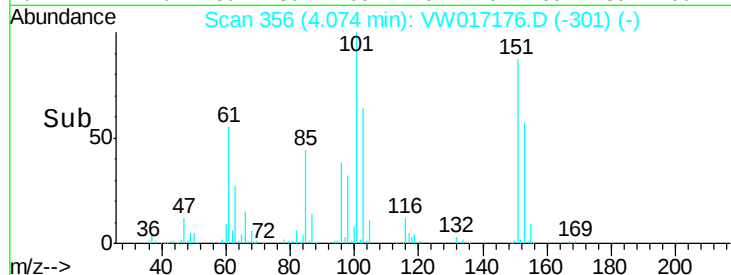
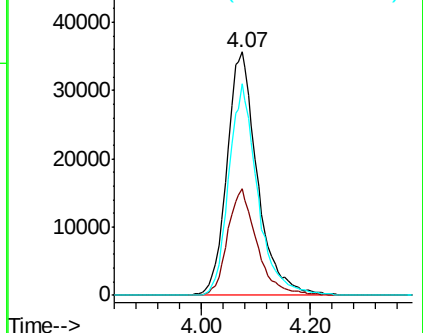
151 82.1 65.4 98.2



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: 23.784 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

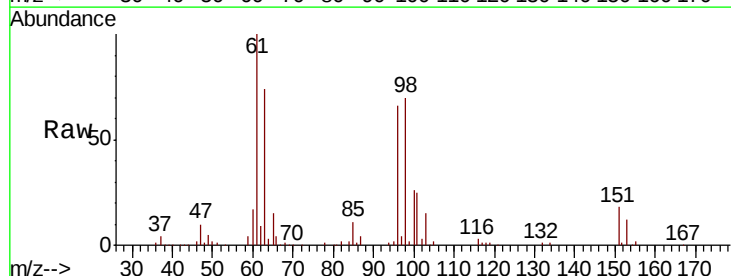
Tgt Ion: 96 Resp: 125548

Ion Ratio Lower Upper

96 100

61 151.6 103.8 192.8

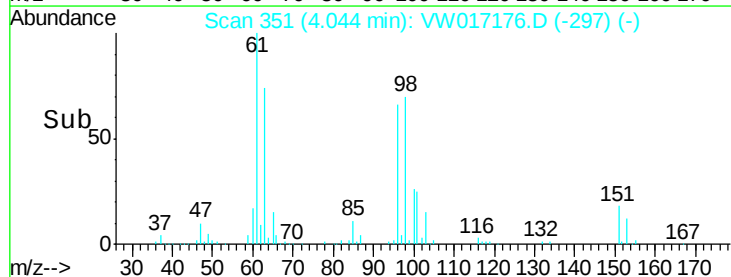
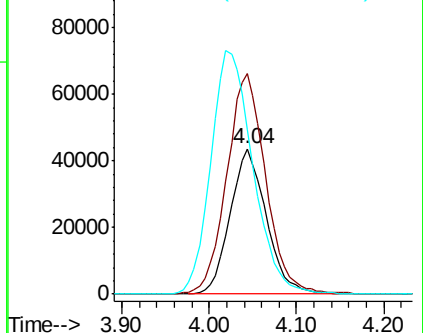
63 112.7 84.4 156.7

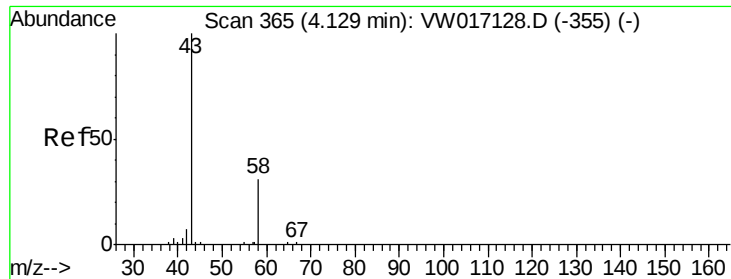


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

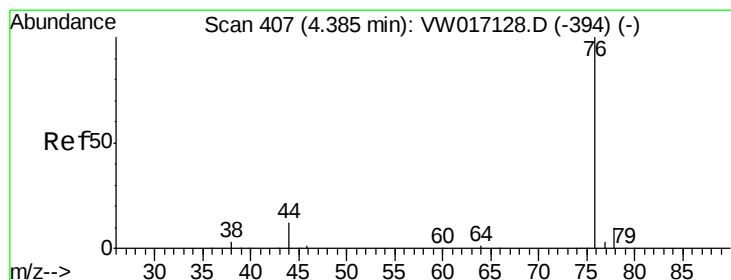
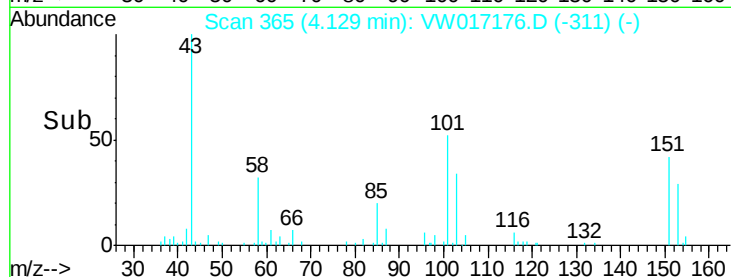
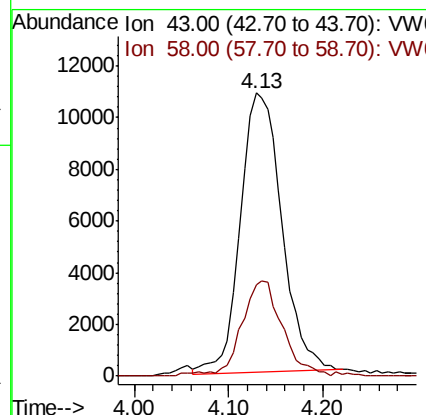
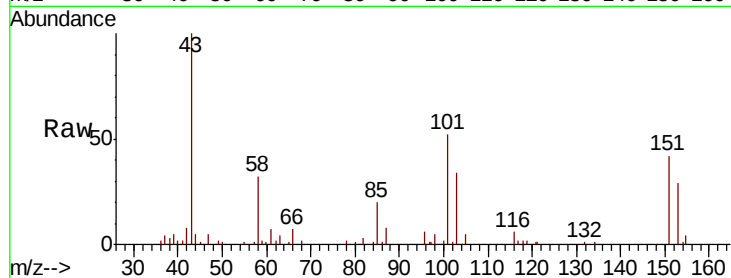




#13
Acetone
Concen: 41.552 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

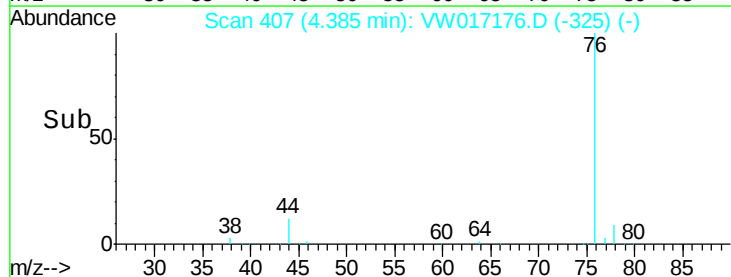
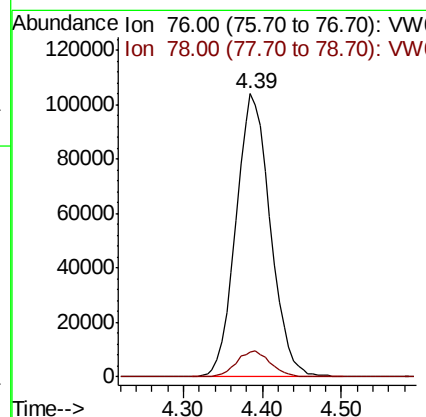
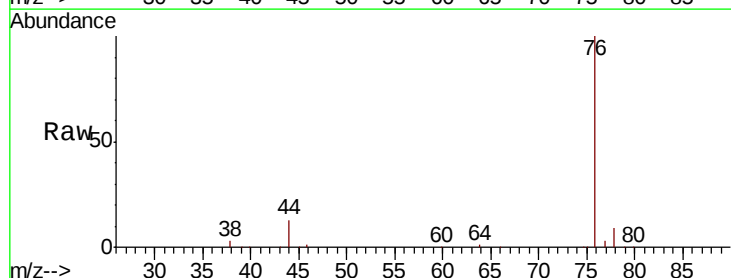
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

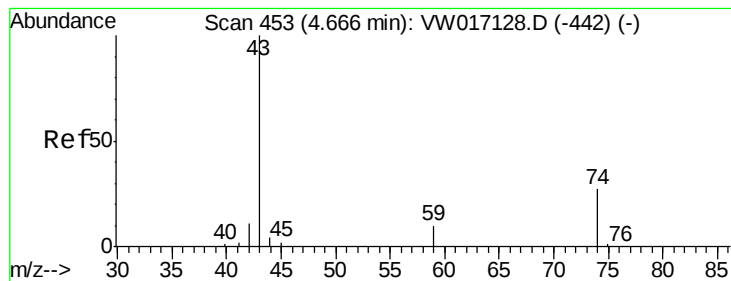
Tot Ion: 43 Resp: 33329
Ion Ratio Lower Upper
43 100
58 32.5 0.0 69.2



#14
Carbon disulfide
Concen: 21.943 ug/L
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion: 76 Resp: 315215
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#15

Methyl Acetate

Concen: 19.219 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampled :

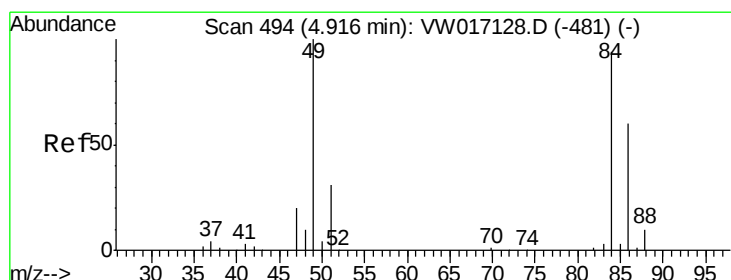
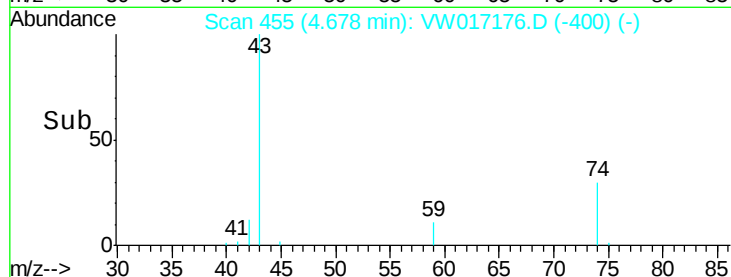
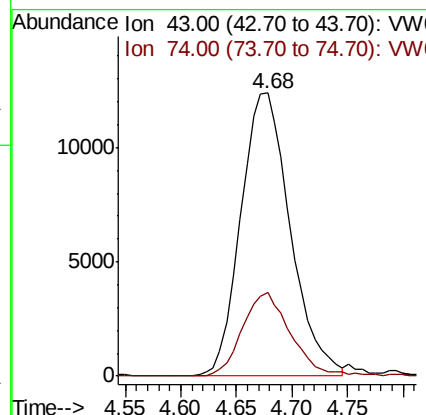
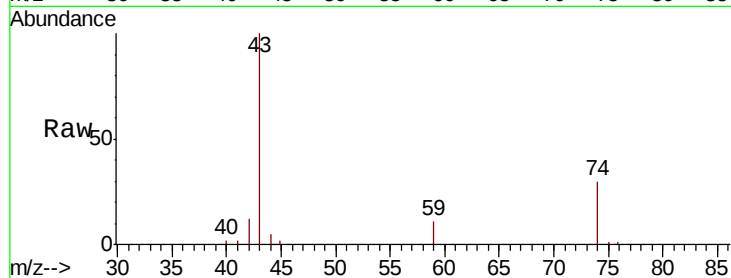
VSTD02524

Tot Ion: 43 Resp: 38209

Ion Ratio Lower Upper

43 100

74 28.6 21.5 32.3



#16

Methylene chloride

Concen: 21.958 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

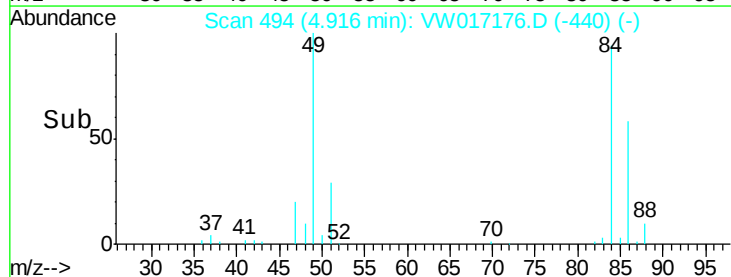
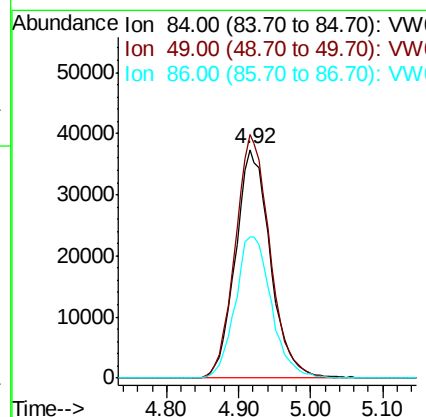
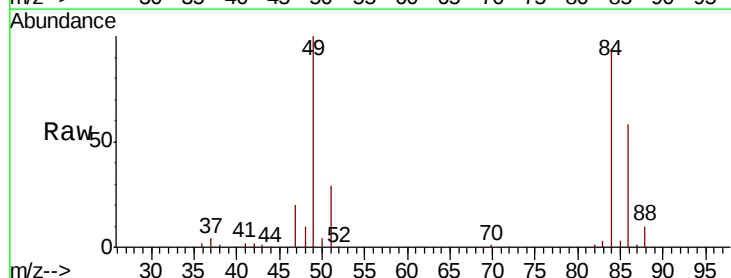
Tgt Ion: 84 Resp: 125904

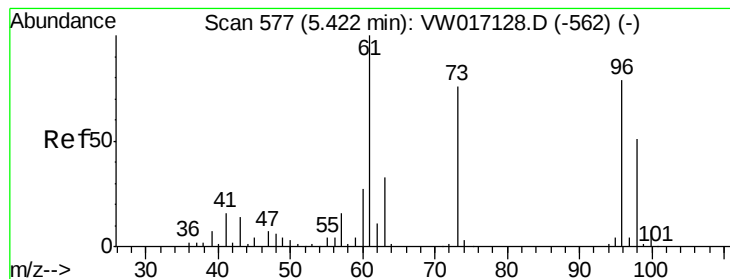
Ion Ratio Lower Upper

84 100

49 106.6 72.3 134.3

86 62.1 45.1 83.7



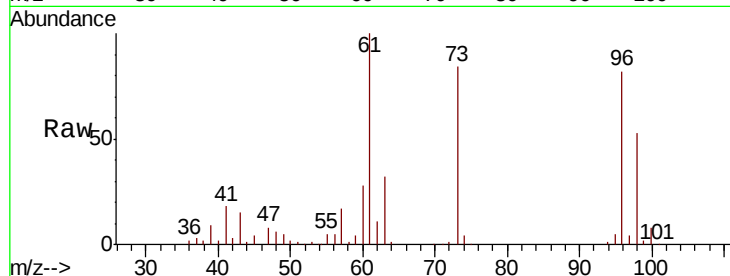


#17

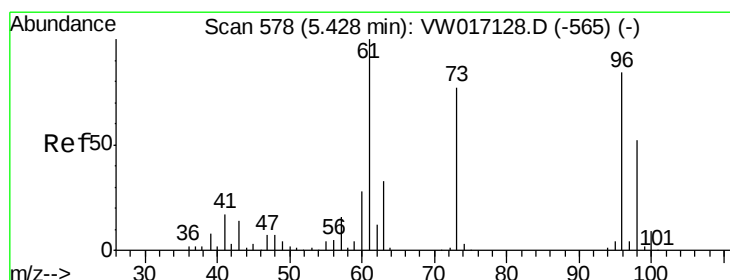
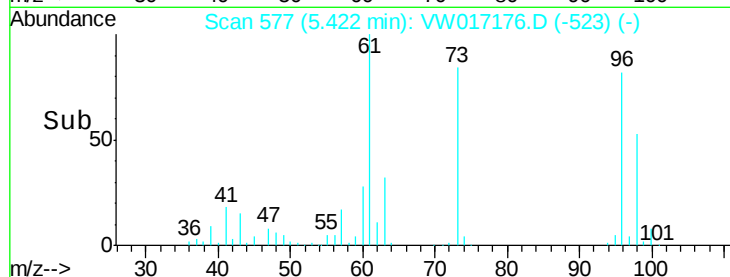
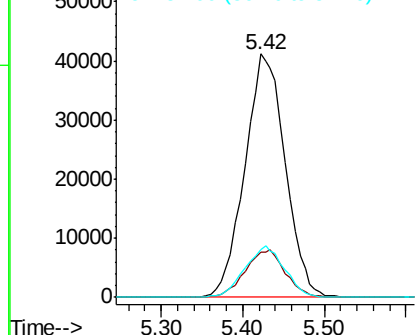
Methvl tert-butvl Ether
 Concen: 21.964 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02524

Tot Ion: 73 Resp: 141575
 Ion Ratio Lower Upper
 73 100
 43 19.4 14.5 21.7
 57 20.7 16.3 24.5



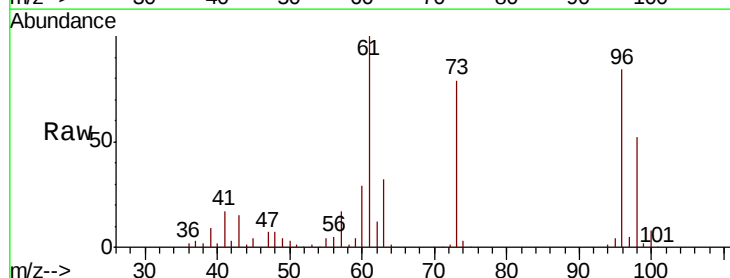
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



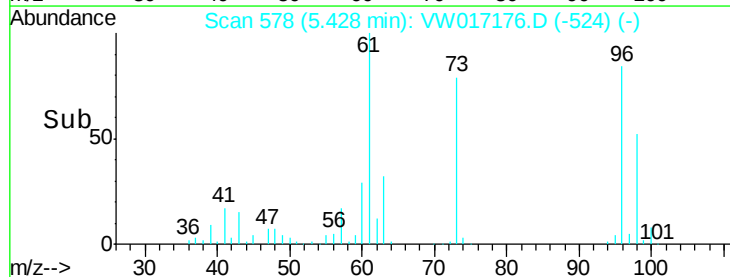
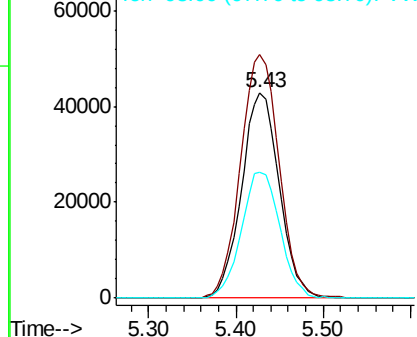
#18

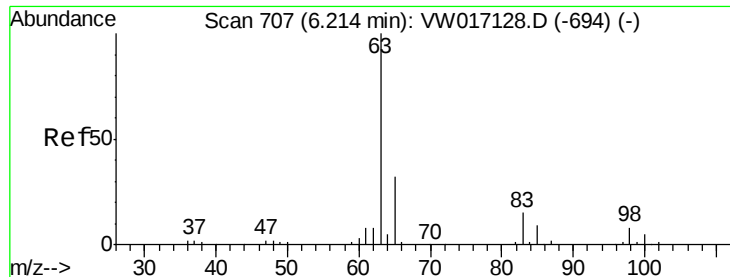
trans-1,2-Dichloroethene
 Concen: 23.534 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion: 96 Resp: 128590
 Ion Ratio Lower Upper
 96 100
 61 118.6 86.8 161.2
 98 61.4 44.4 82.4



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

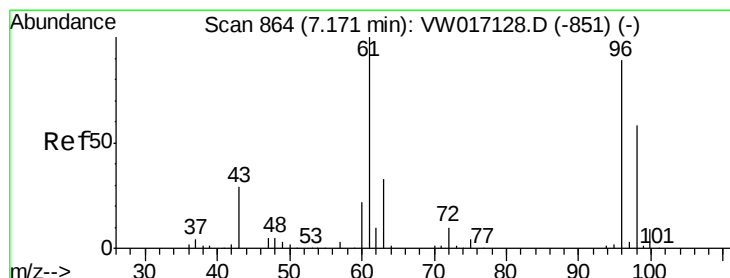
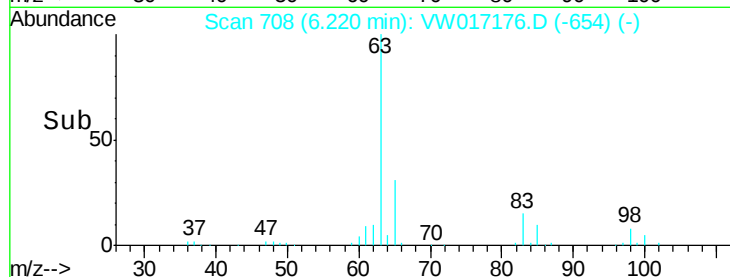
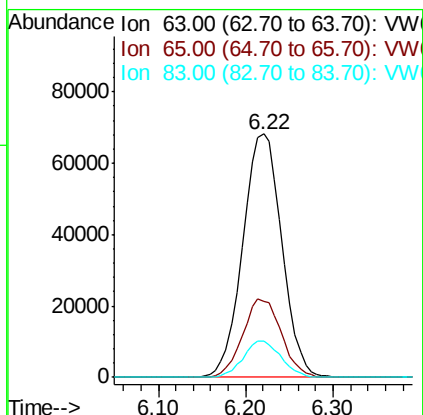
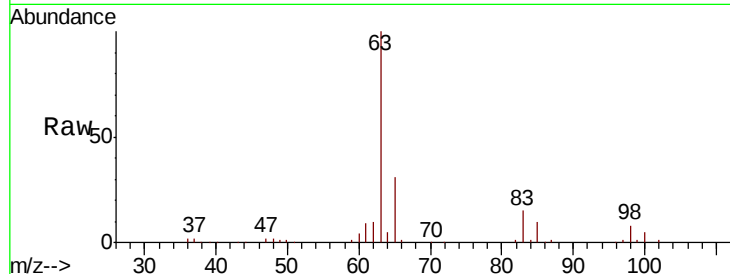




#19
 1,1-Dichloroethane
 Concen: 24.483 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

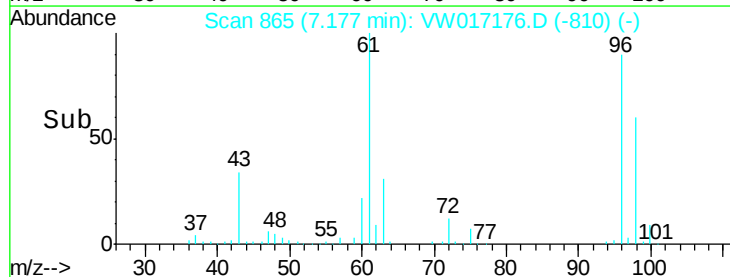
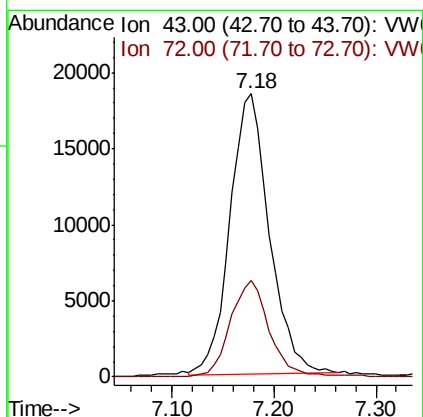
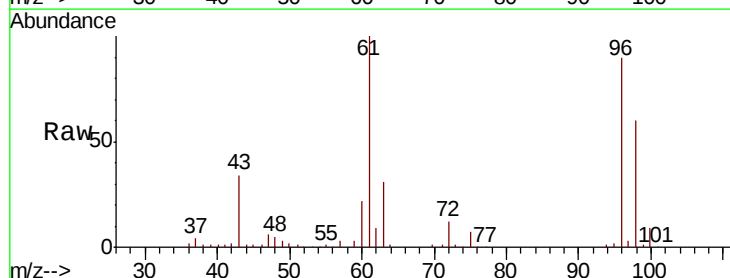
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

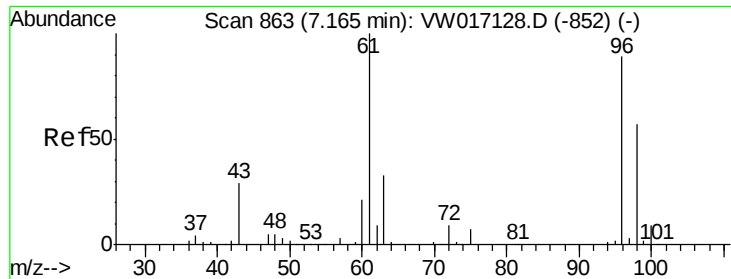
Tot Ion: 63 Resp: 211951
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.1 41.1
 83 14.9 10.0 18.6



#21
 2-Butanone
 Concen: 38.495 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion: 43 Resp: 49579
 Ion Ratio Lower Upper
 43 100
 72 33.1 16.1 48.3



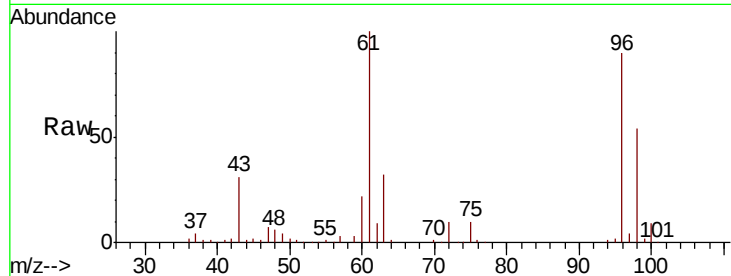


#22

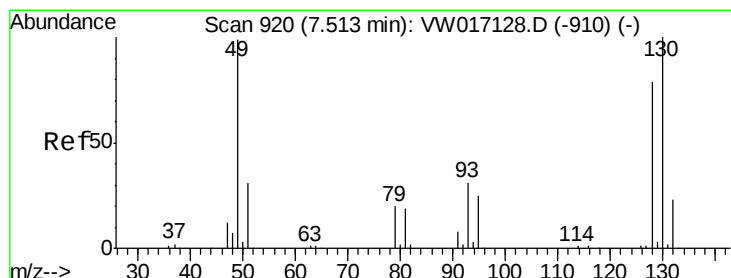
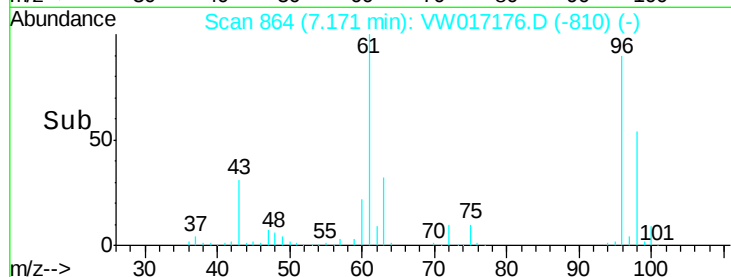
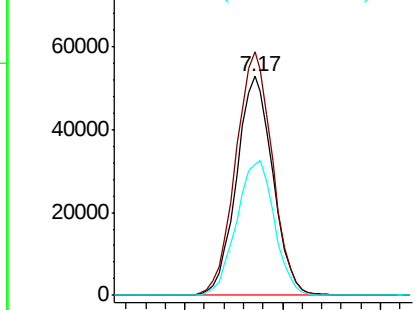
cis-1,2-Dichloroethene
 Concen: 23.536 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Tot Ion: 96 Resp: 135977
 Ion Ratio Lower Upper
 96 100
 61 111.3 77.4 143.8
 98 59.8 45.1 83.7



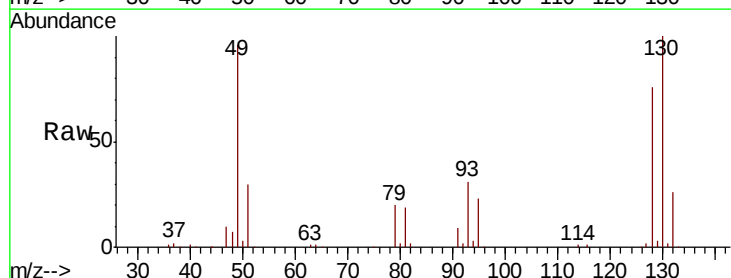
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



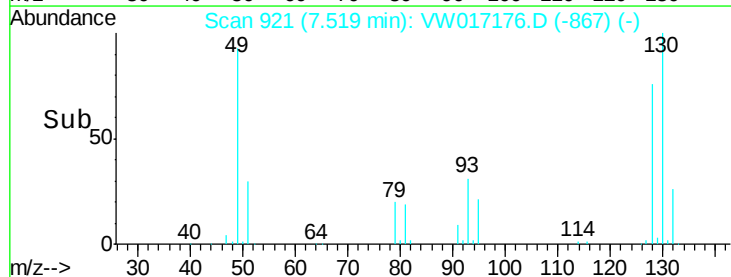
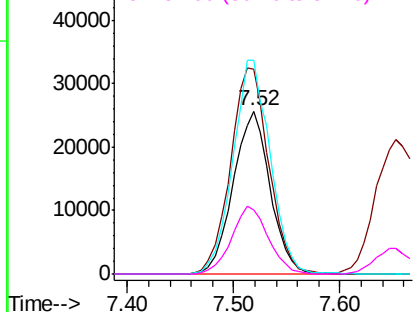
#23

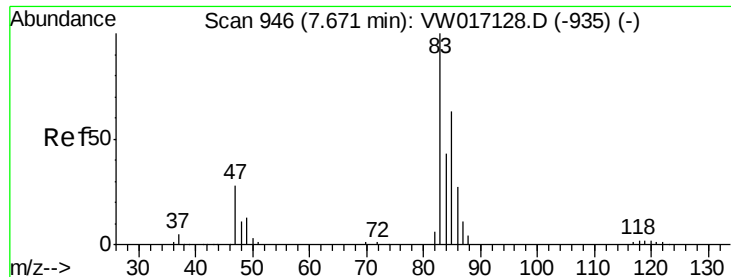
Bromochloromethane
 Concen: 22.417 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion: 128 Resp: 62354
 Ion Ratio Lower Upper
 128 100
 49 126.0 88.3 163.9
 130 131.0 95.6 177.6
 51 39.4 32.2 48.4



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VW
 Ion 130.00 (129.70 to 130.70): V
 Ion 51.00 (50.70 to 51.70): VW

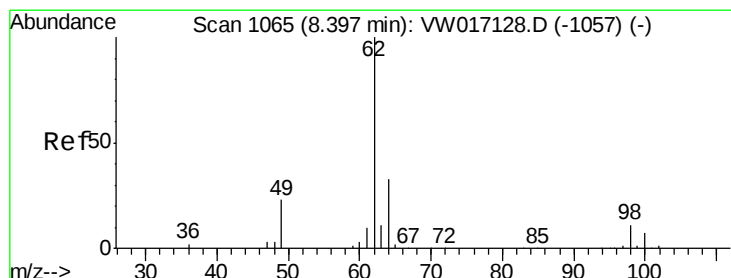
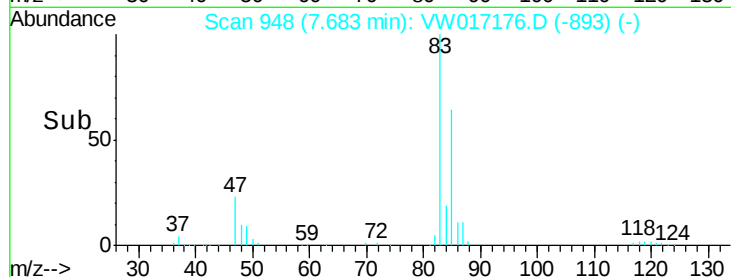
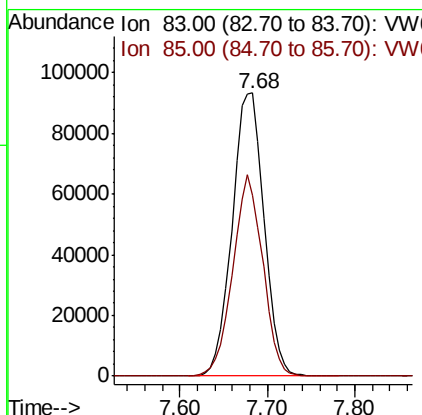
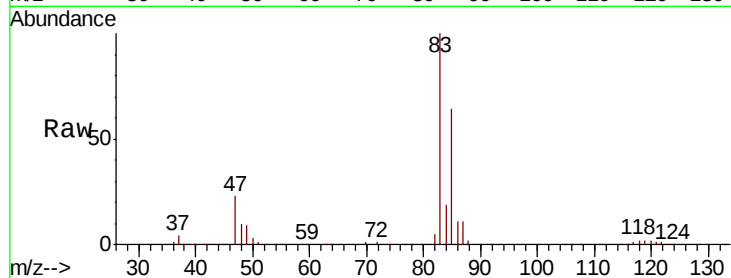




#25
Chloroform
Concen: 25.056 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

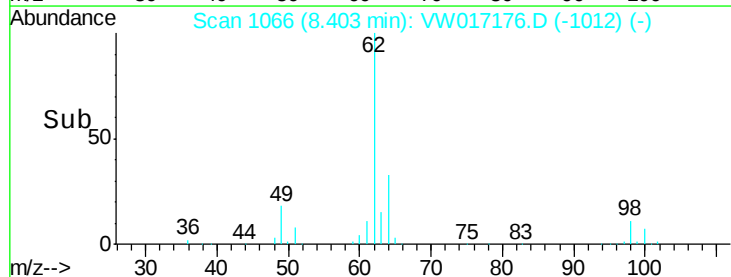
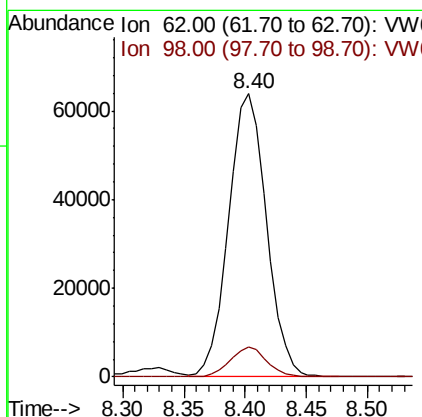
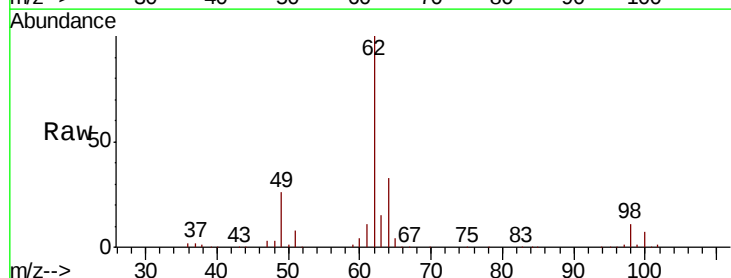
Instrument :
MSVOA_W
ClientSampled :
VSTD02524

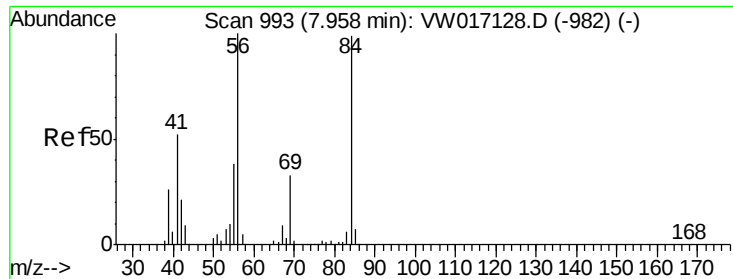
Tot Ion: 83 Resp: 236157
Ion Ratio Lower Upper
83 100
85 66.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 24.280 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion: 62 Resp: 137136
Ion Ratio Lower Upper
62 100
98 10.7 9.4 14.0

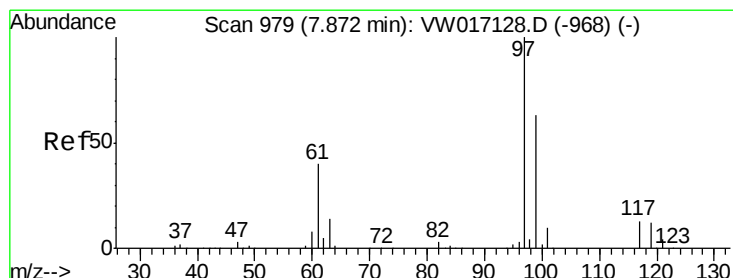
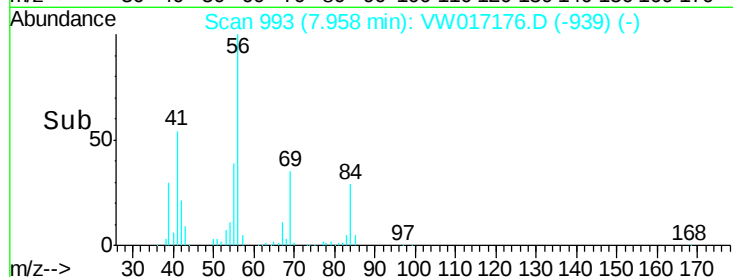
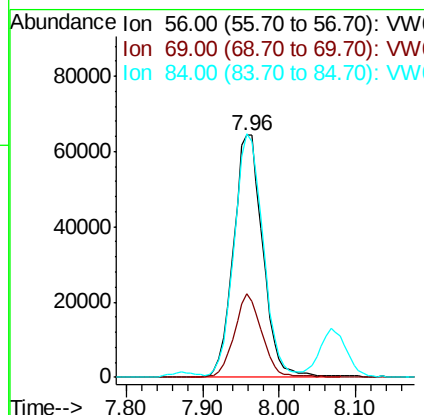
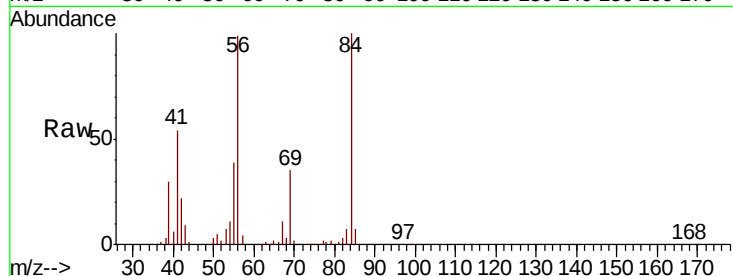




#30
Cyclohexane
Concen: 23.649 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

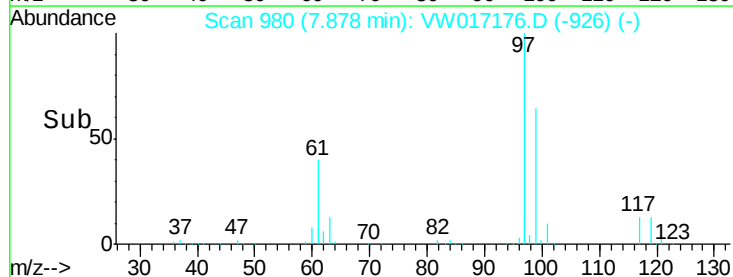
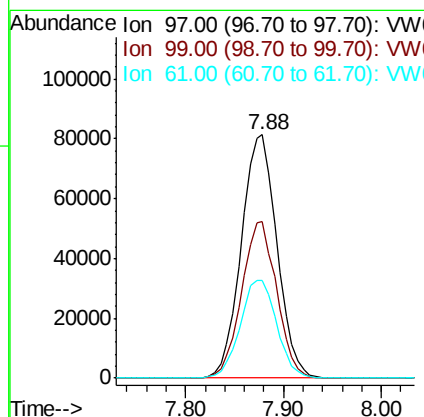
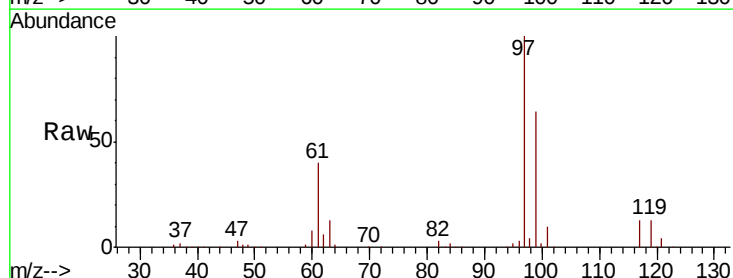
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

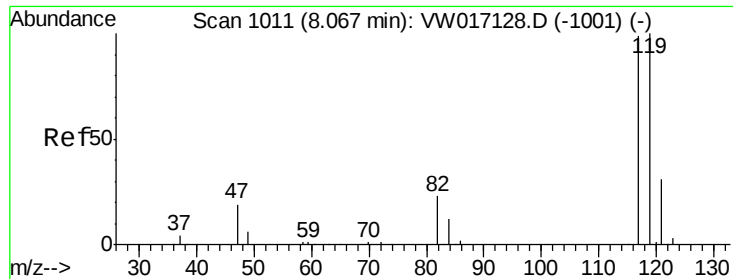
Tot Ion: 56 Resp: 171339
Ion Ratio Lower Upper
56 100
69 32.1 26.1 39.1
84 98.6 79.1 118.7



#31
1,1,1-Trichloroethane
Concen: 26.184 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion: 97 Resp: 206334
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 41.2 31.6 47.4

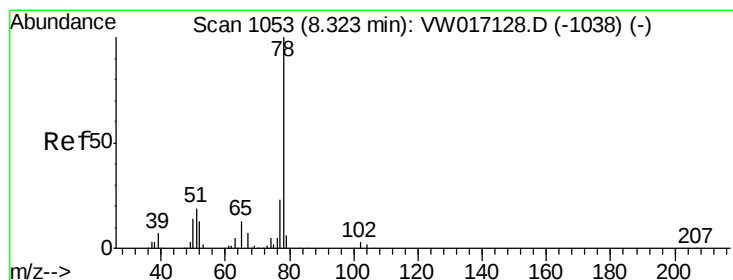
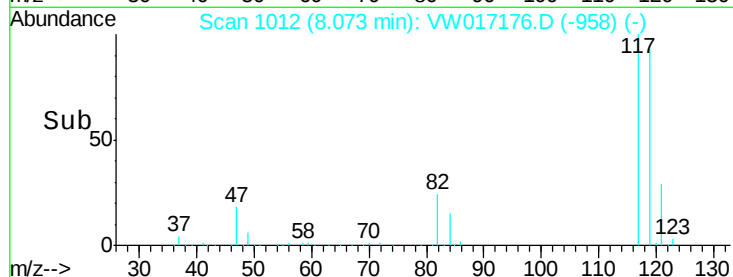
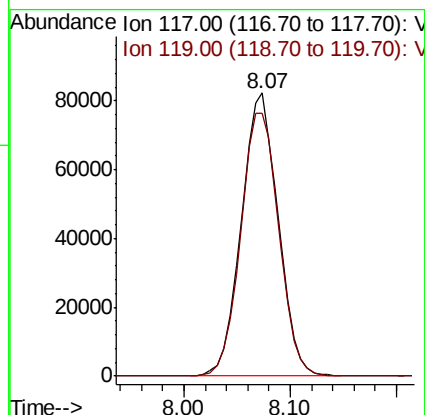
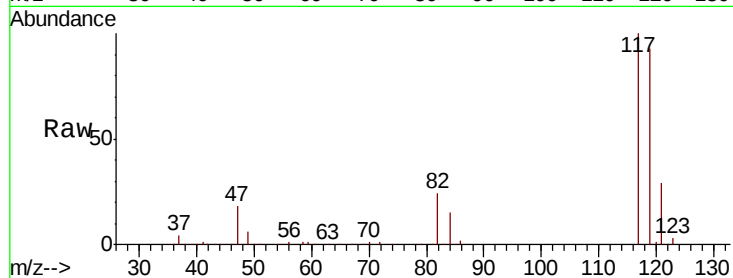




#32
Carbon tetrachloride
Concen: 26.261 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

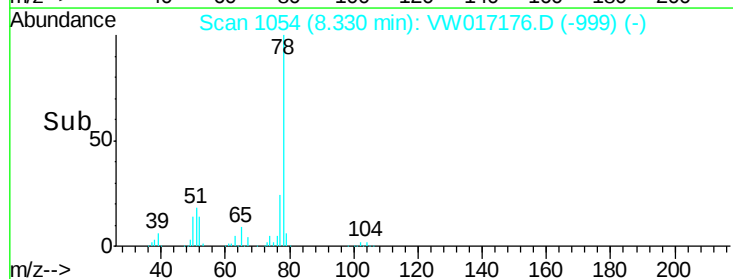
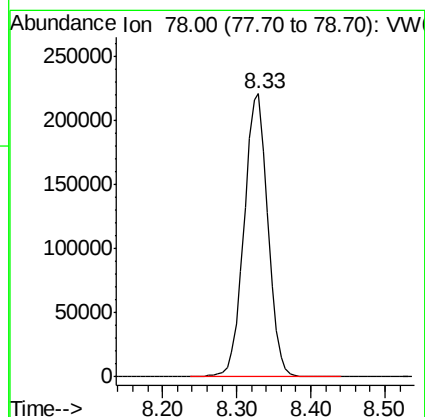
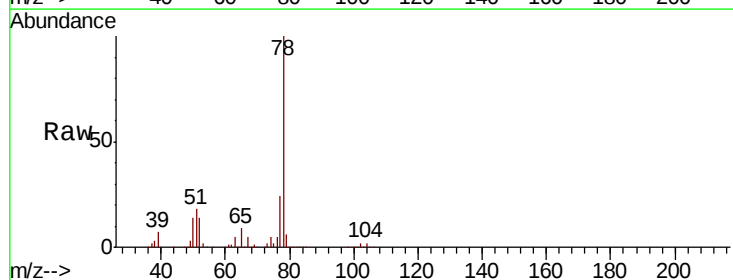
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

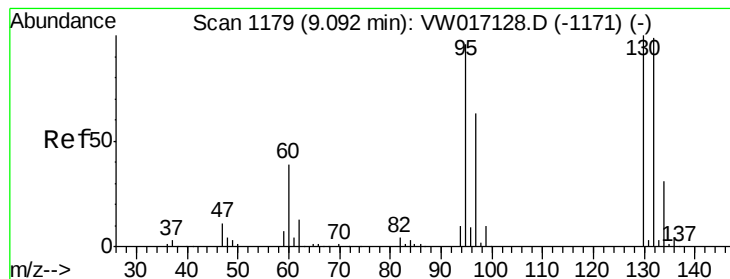
Tot Ion:117 Resp: 199683
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#34
Benzene
Concen: 24.498 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion: 78 Resp: 494992





#35

Trichloroethene

Concen: 23.721 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD02524

Tot Ion: 95 Resp: 134264

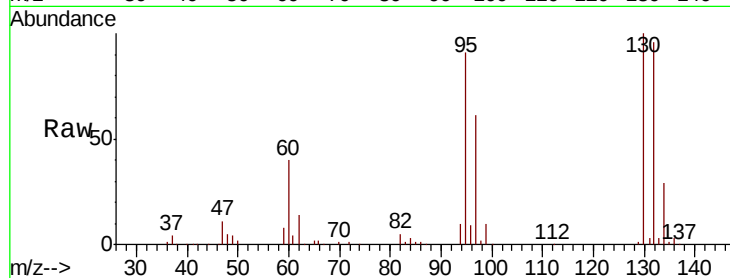
Ion Ratio Lower Upper

95 100

97 65.9 45.0 83.6

132 106.6 73.7 136.9

130 111.1 77.1 143.1

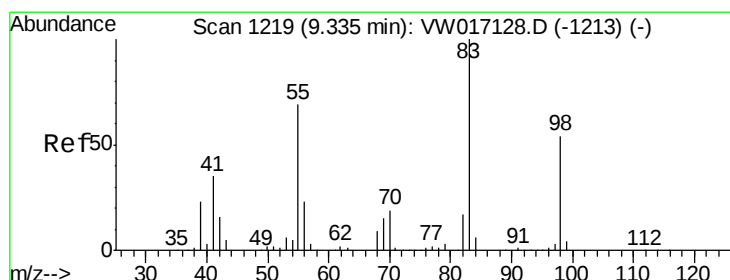
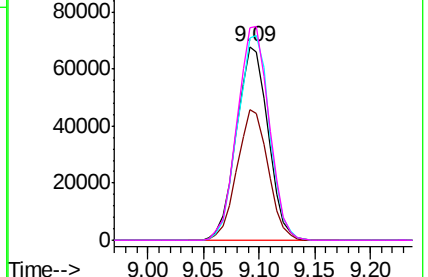
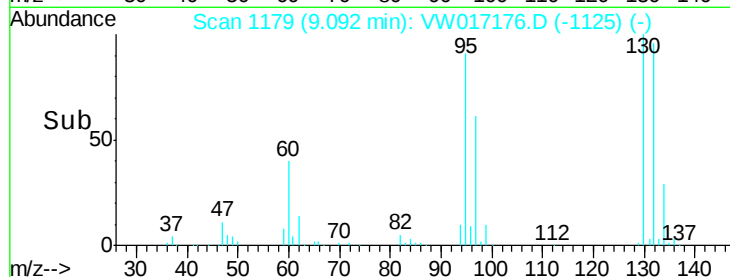


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 24.010 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

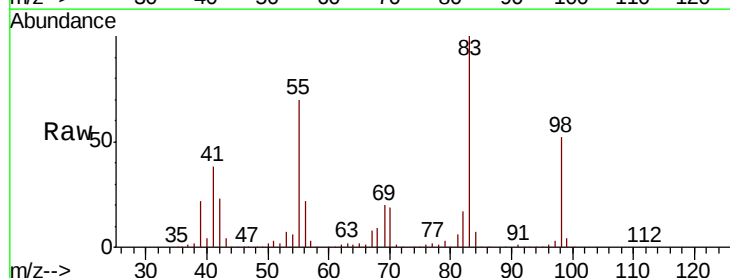
Tgt Ion: 83 Resp: 218673

Ion Ratio Lower Upper

83 100

55 68.4 54.4 81.6

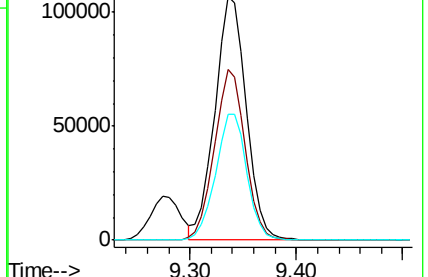
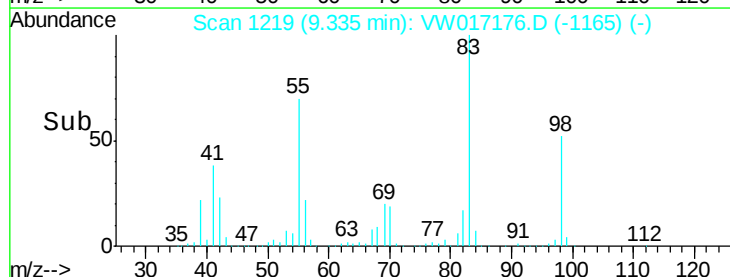
98 51.6 40.5 60.7

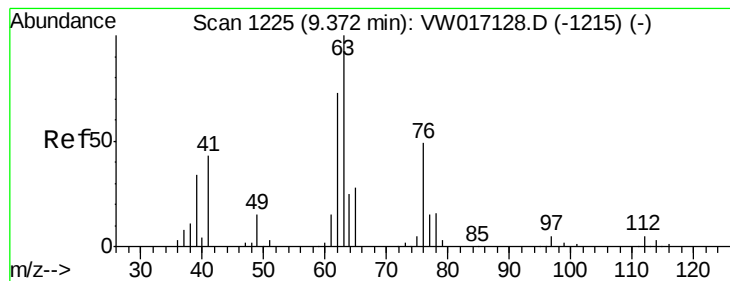


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 23.947 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

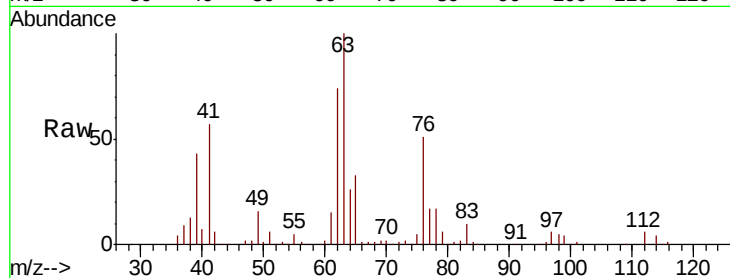
VSTD02524

Tot Ion: 63 Resp: 113110

Ion Ratio Lower Upper

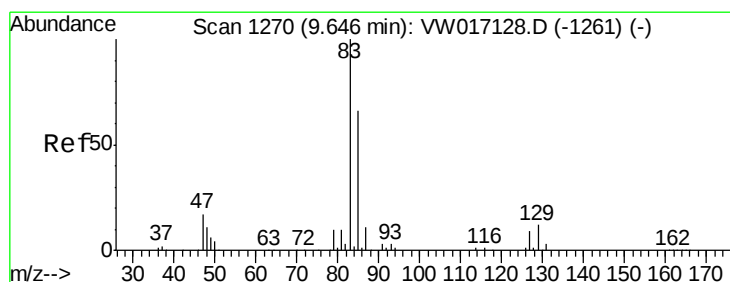
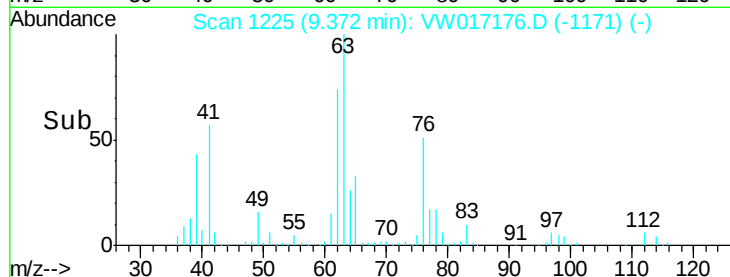
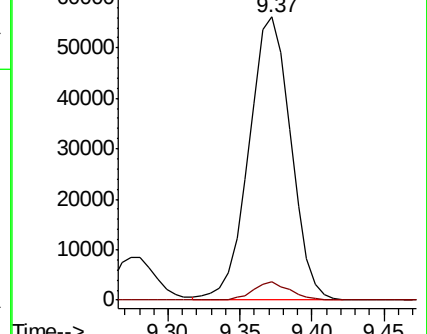
63 100

112 5.8 4.2 6.2



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.368 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

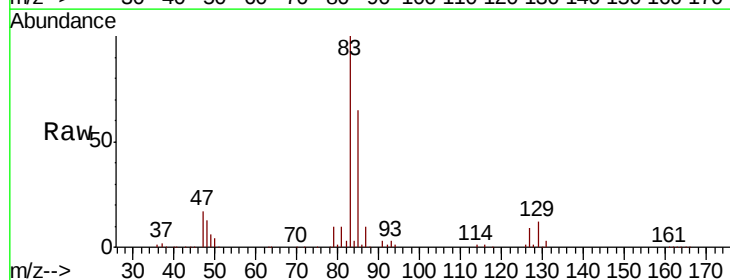
Tgt Ion: 83 Resp: 165716

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4

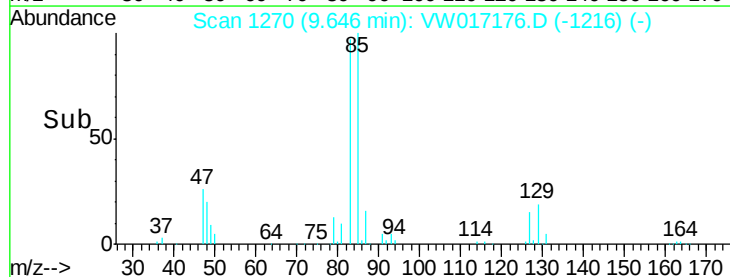
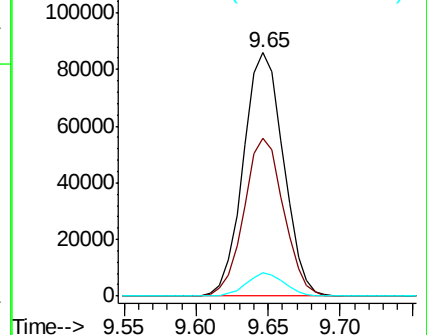
127 9.4 7.3 10.9

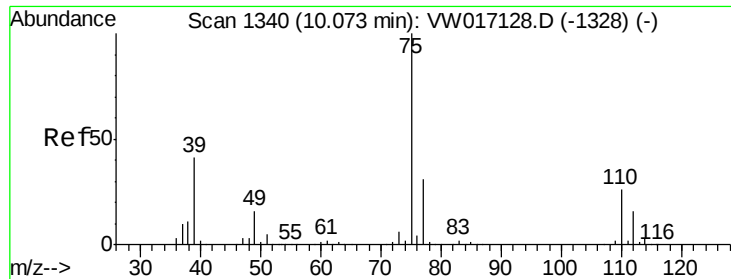


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

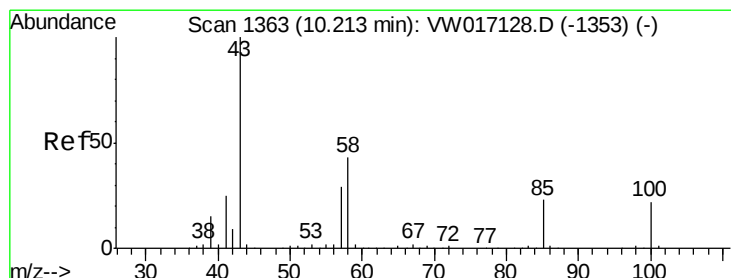
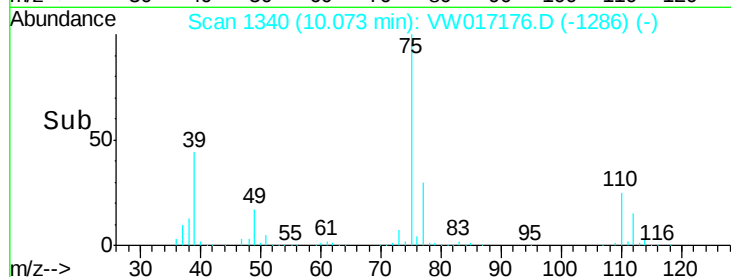
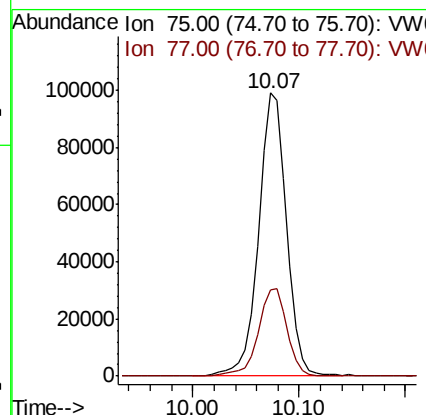
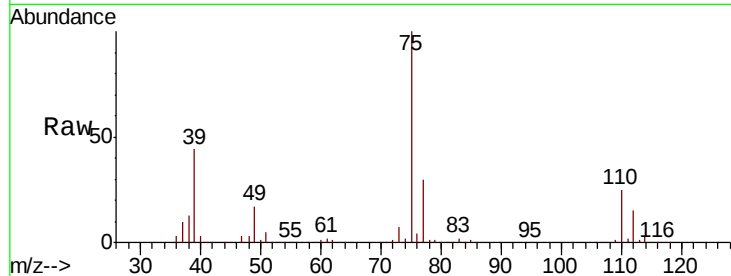




#42
 cis-1,3-Dichloropropene
 Concen: 24.369 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

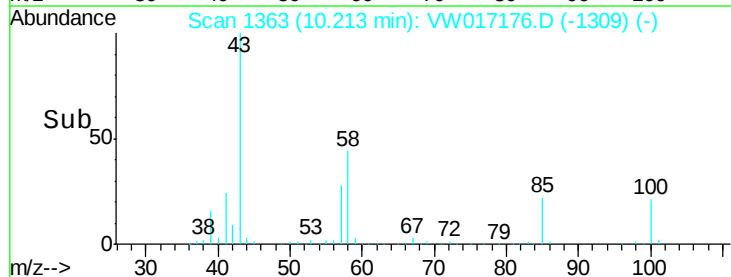
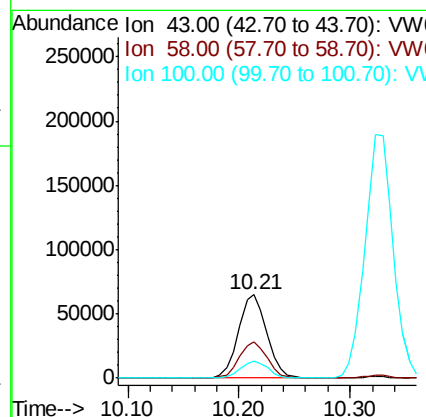
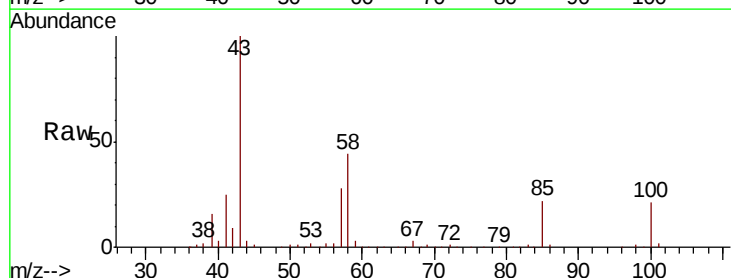
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02524

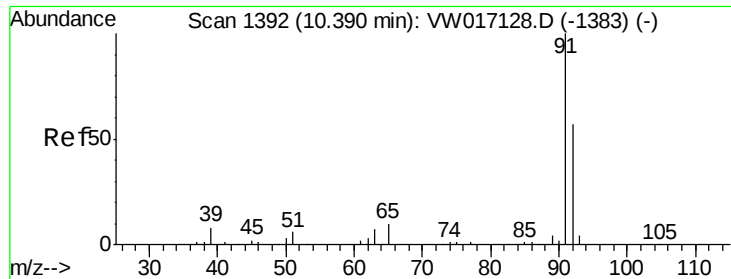
Tot Ion: 75 Resp: 182314
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.0 41.0



#43
 4-Methyl-2-pentanone
 Concen: 39.490 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion: 43 Resp: 115076
 Ion Ratio Lower Upper
 43 100
 58 42.6 35.0 52.6
 100 20.2 16.6 24.8





#44

Toluene

Concen: 24.718 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

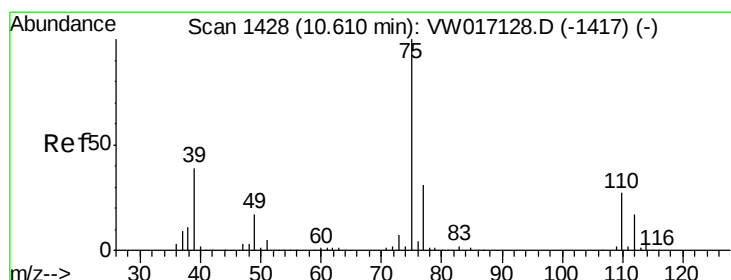
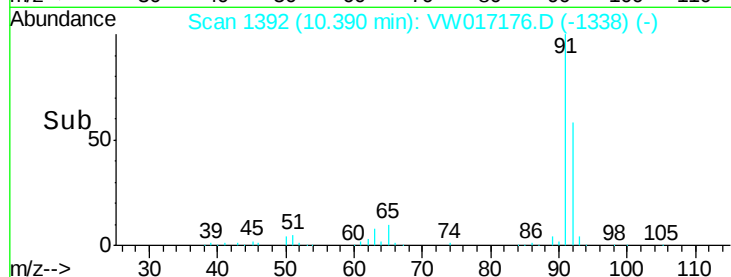
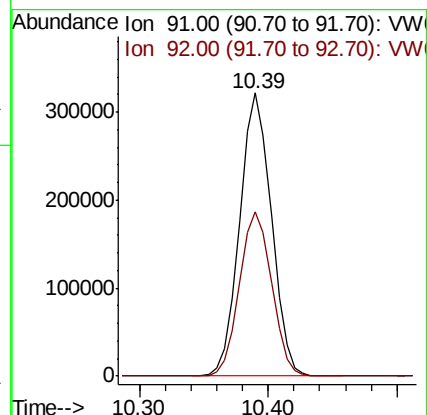
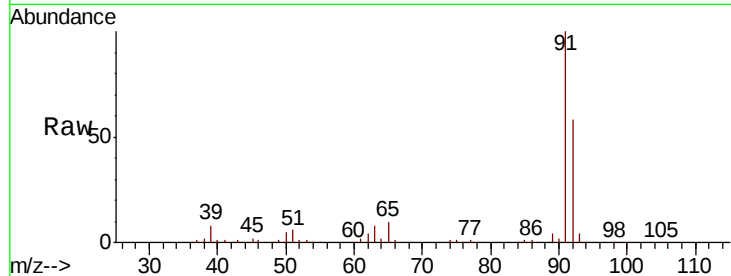
VSTD02524

Tot Ion: 91 Resp: 549748

Ion Ratio Lower Upper

91 100

92 58.0 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 24.435 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017176.D

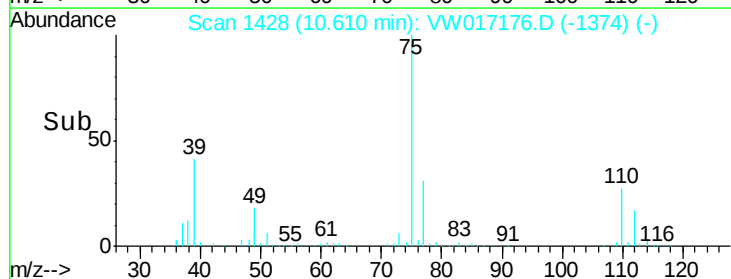
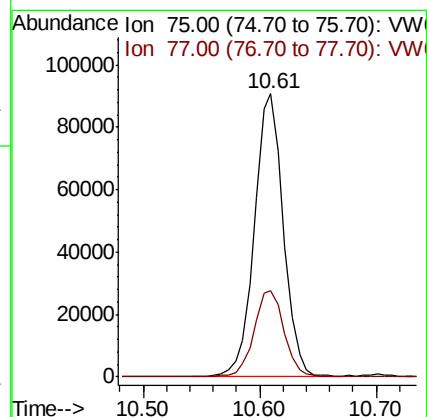
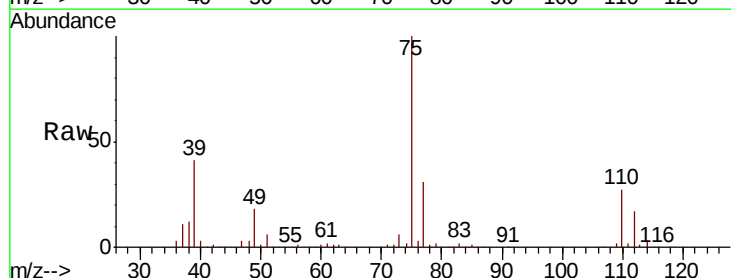
Acq: 12 Nov 2020 10:53

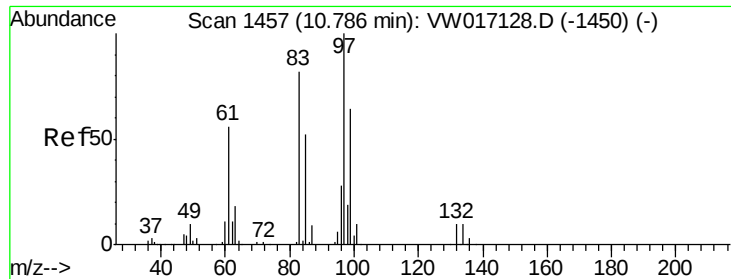
Tgt Ion: 75 Resp: 156993

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1

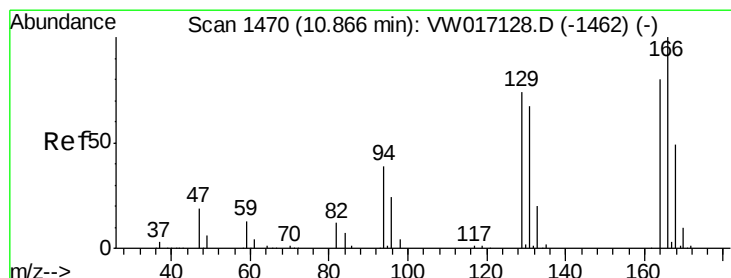
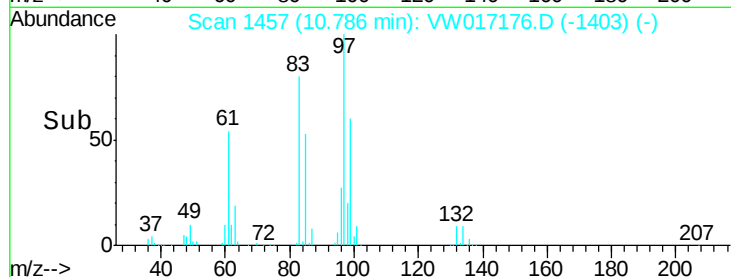
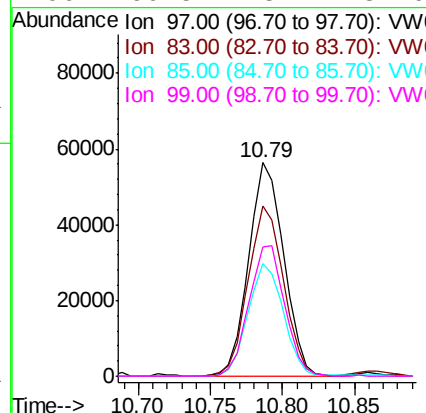
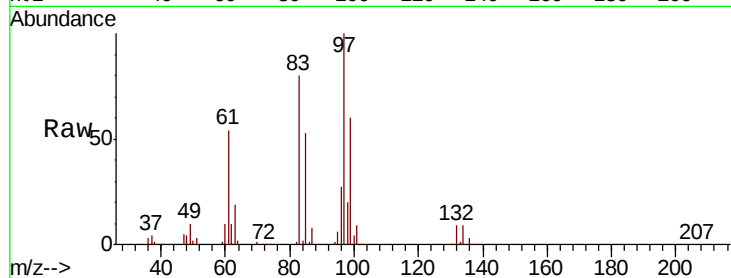




#46
 1,1,2-Trichloroethane
 Concen: 23.325 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

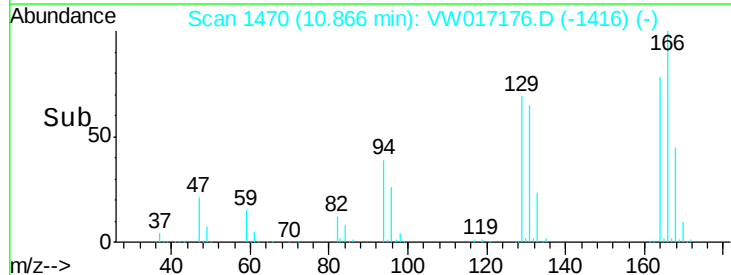
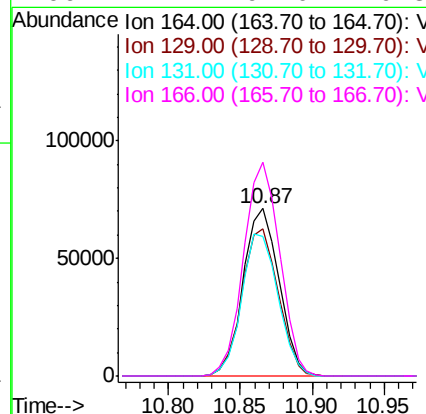
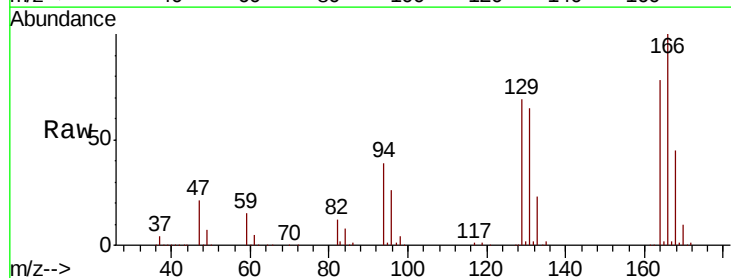
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

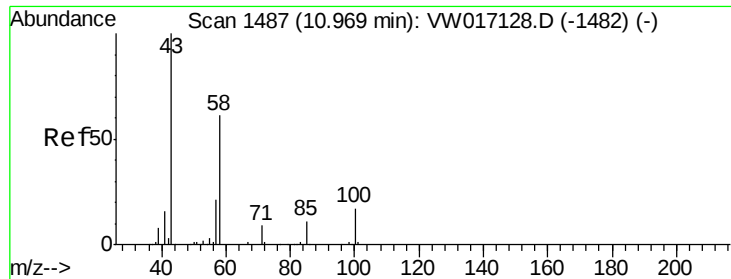
Tot Ion	97	Resp	94988
Ion	Ratio	Lower	Upper
97	100		
83	79.5	57.3	106.5
85	53.0	37.2	69.0
99	60.5	45.7	84.9



#47
 Tetrachloroethene
 Concen: 24.132 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion	164	Resp	123237
Ion	Ratio	Lower	Upper
164	100		
129	88.3	62.9	116.7
131	83.6	63.3	117.5
166	127.7	92.0	170.8

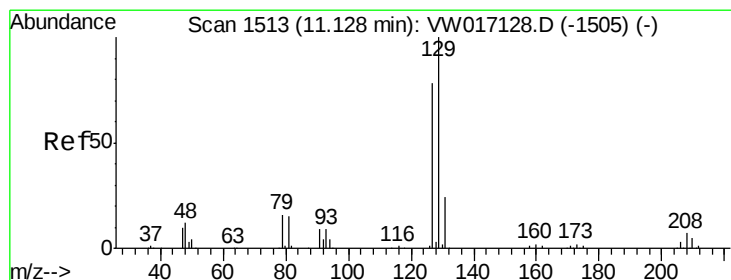
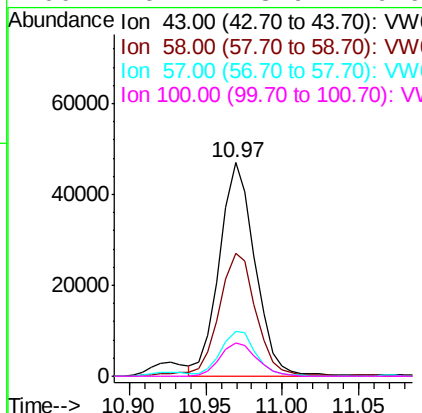
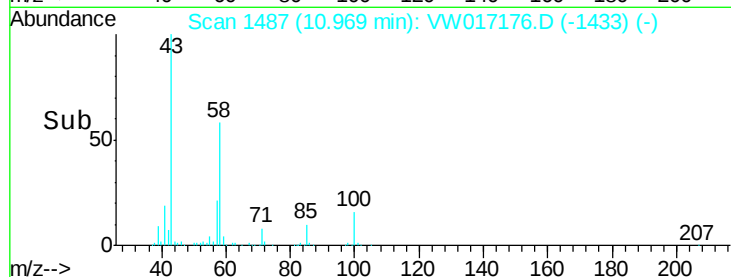
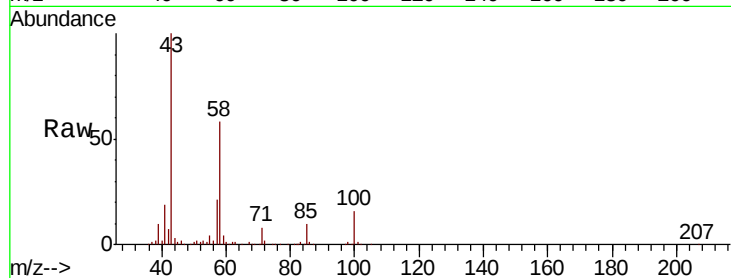




#49
2-Hexanone
Concen: 43.187 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

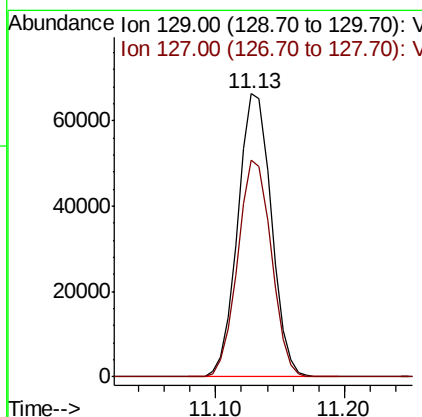
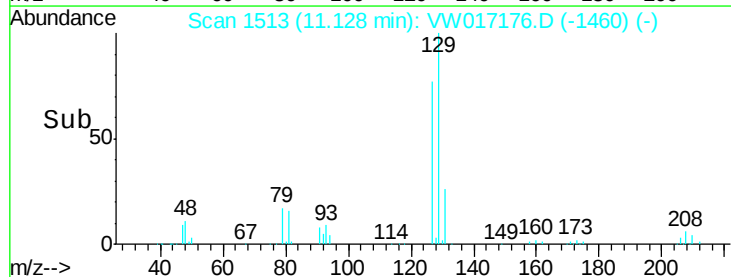
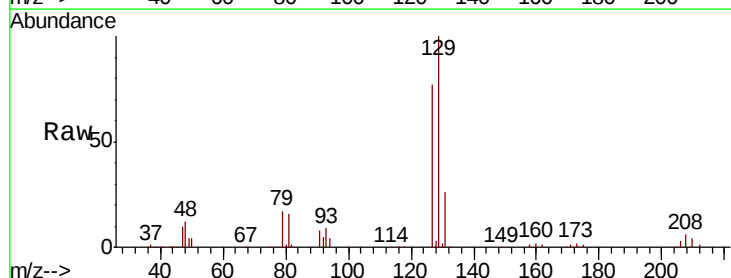
Instrument :
MSVOA_W
ClientSampled :
VSTD02524

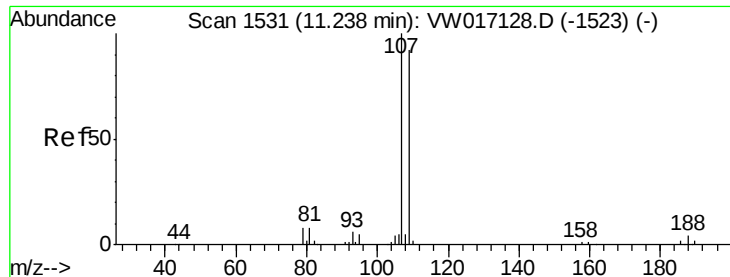
Tot Ion: 43 Resp: 75872
Ion Ratio Lower Upper
43 100
58 59.1 50.6 75.8
57 20.8 17.8 26.6
100 16.4 13.9 20.9



#50
Dibromochloromethane
Concen: 24.132 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion: 129 Resp: 119727
Ion Ratio Lower Upper
129 100
127 76.6 54.3 100.9

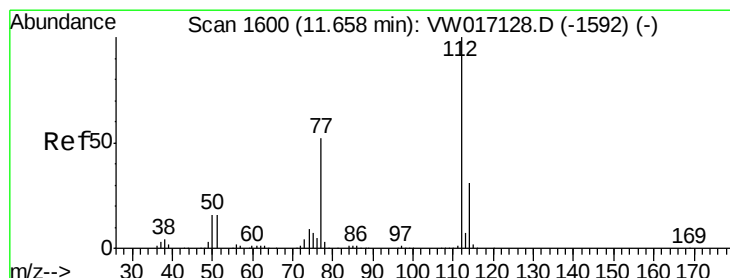
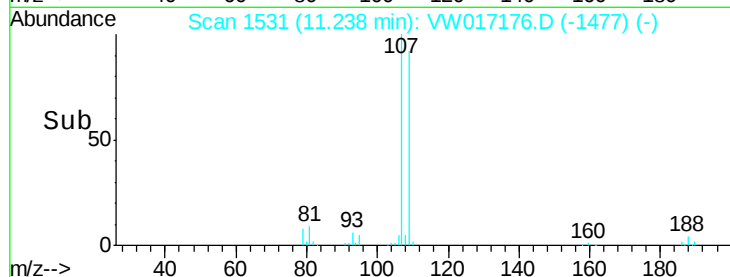
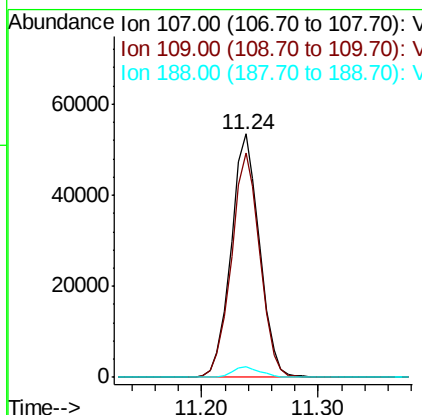
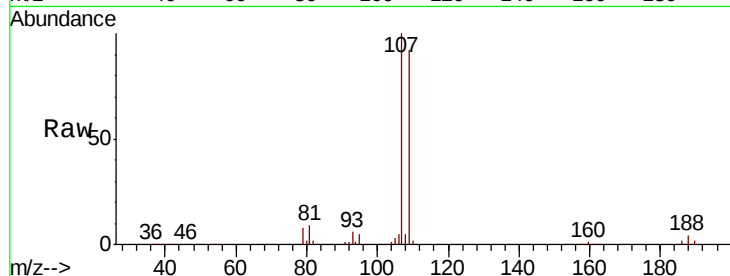




#51
1,2-Dibromoethane
Concen: 22.998 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

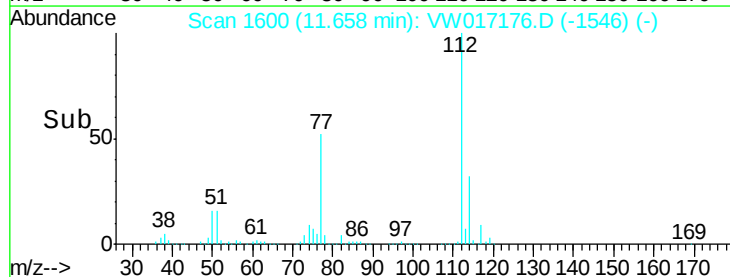
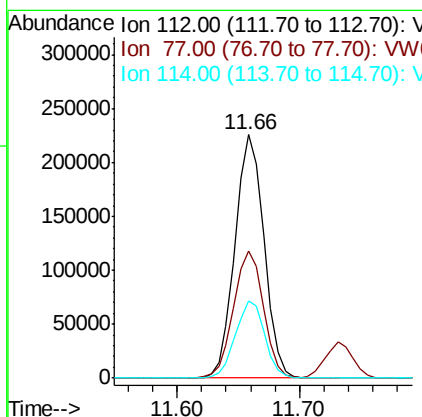
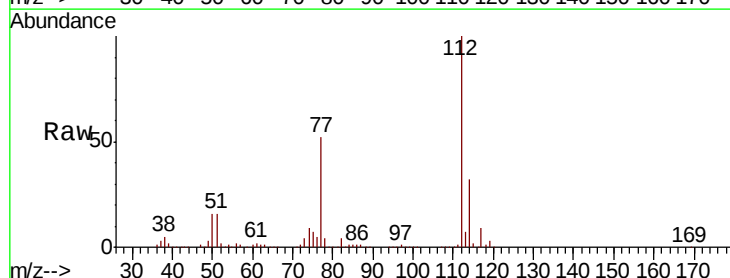
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

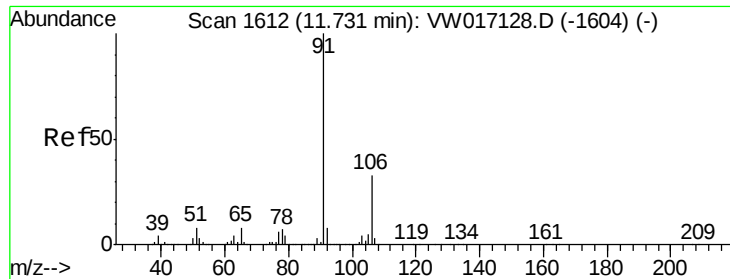
Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	64.3	119.5
188	4.1	3.3	4.9



#52
Chlorobenzene
Concen: 24.618 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
77	52.1	41.7	62.5
114	31.8	22.3	41.3





#53

Ethylbenzene

Concen: 25.418 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

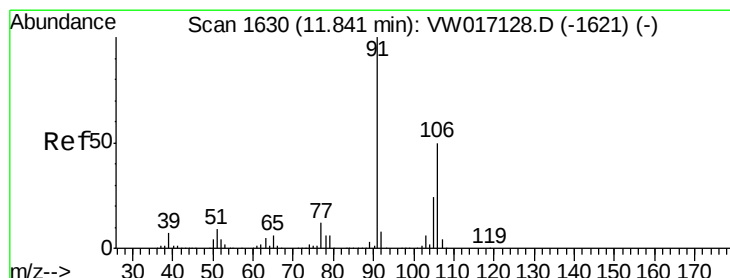
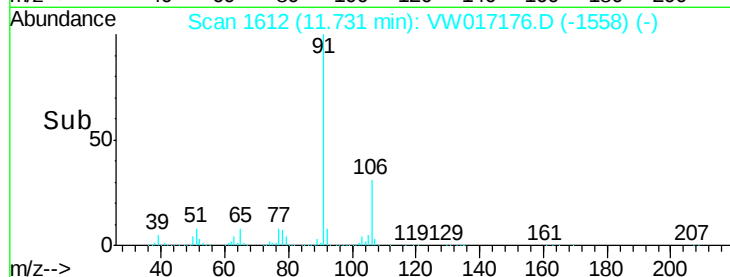
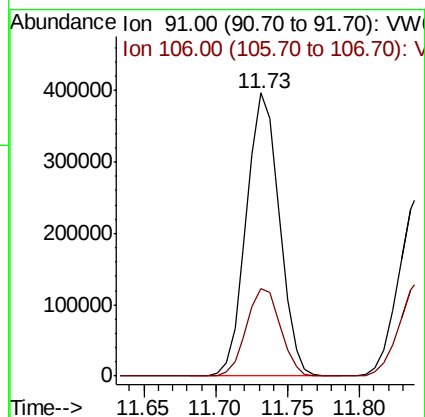
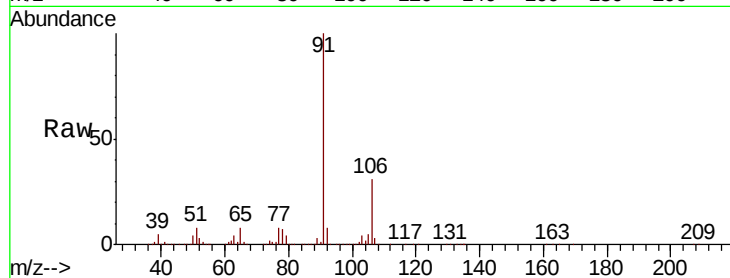
VSTD02524

Tot Ion: 91 Resp: 631434

Ion Ratio Lower Upper

91 100

106 31.1 22.9 42.5



#54

m,p-Xylene

Concen: 25.578 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017176.D

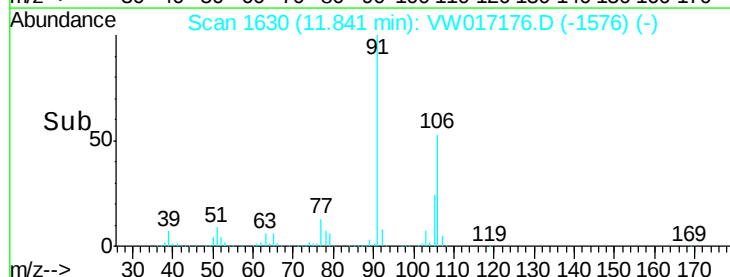
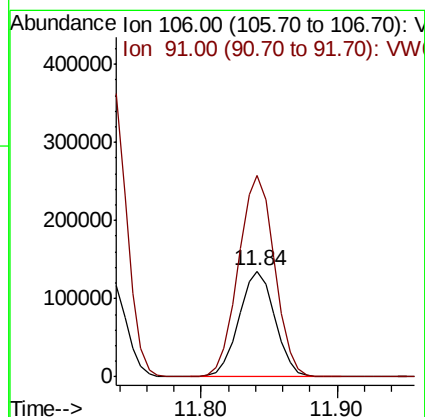
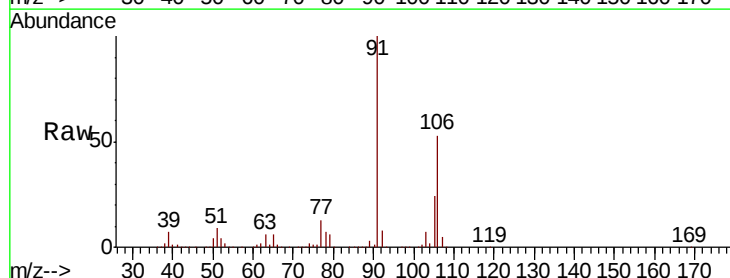
Acq: 12 Nov 2020 10:53

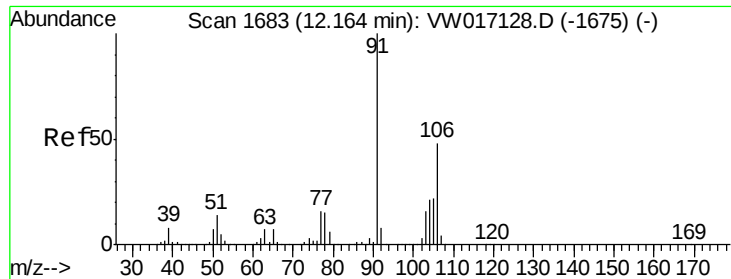
Tgt Ion: 106 Resp: 248561

Ion Ratio Lower Upper

106 100

91 190.1 138.7 257.5

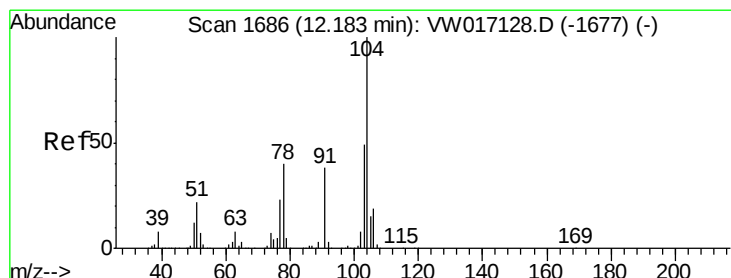
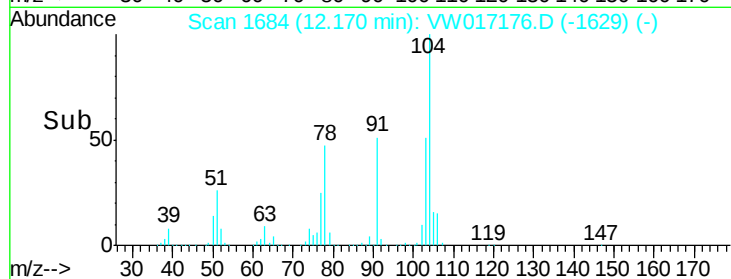
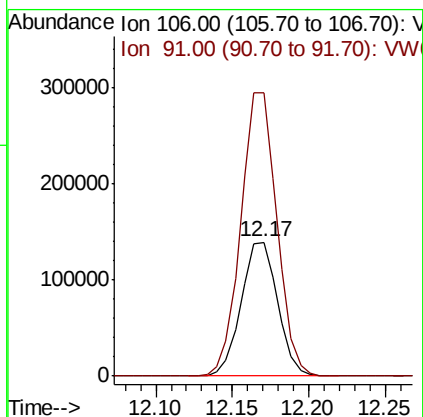
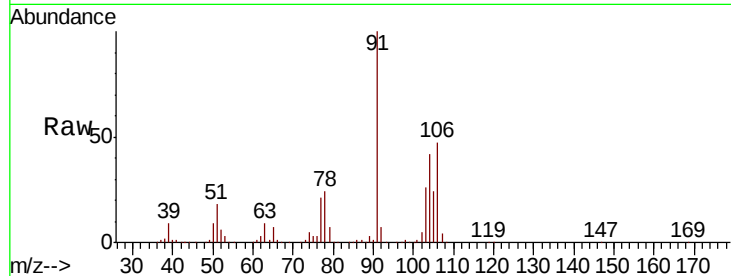




#55
o-xylene
Concen: 25.106 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

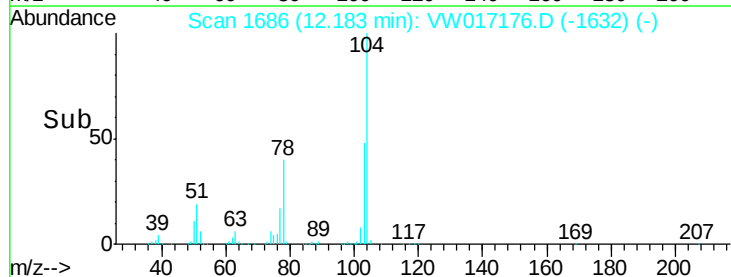
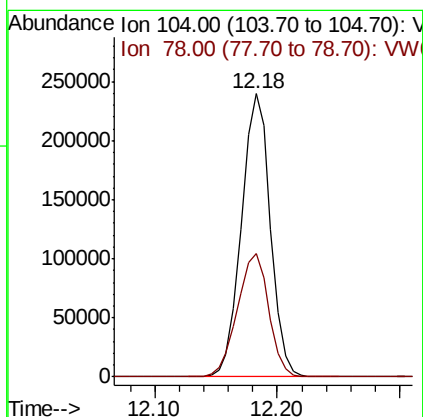
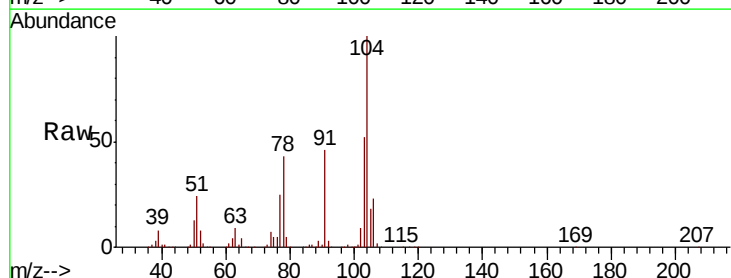
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

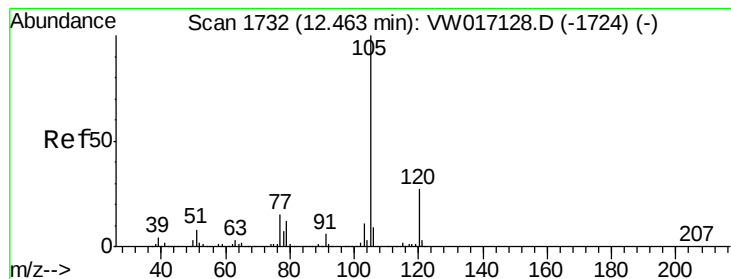
Tot Ion:106 Resp: 231573
Ion Ratio Lower Upper
106 100
91 211.1 140.8 261.4



#56
Styrene
Concen: 25.274 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017176.D
Acq: 12 Nov 2020 10:53

Tgt Ion:104 Resp: 391398
Ion Ratio Lower Upper
104 100
78 43.4 28.2 52.4





#57

Isopropylbenzene

Concen: 25.914 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD02524

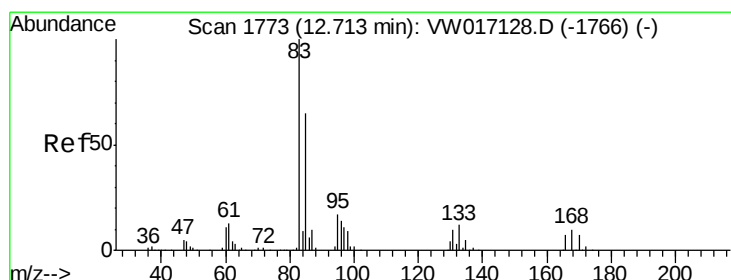
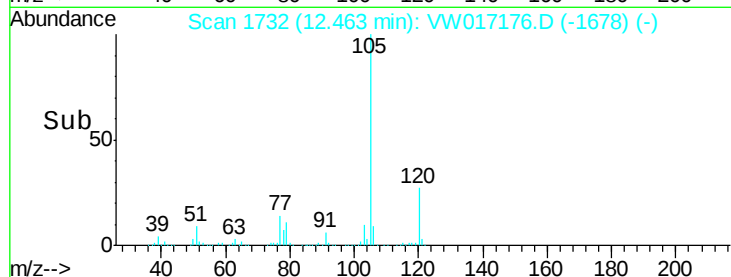
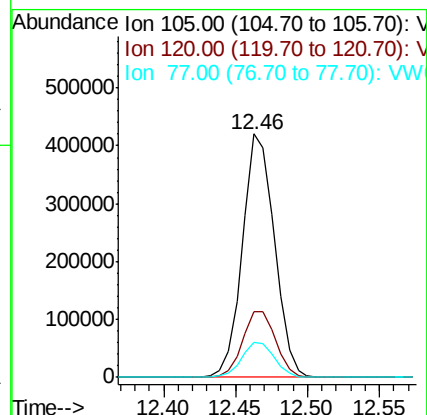
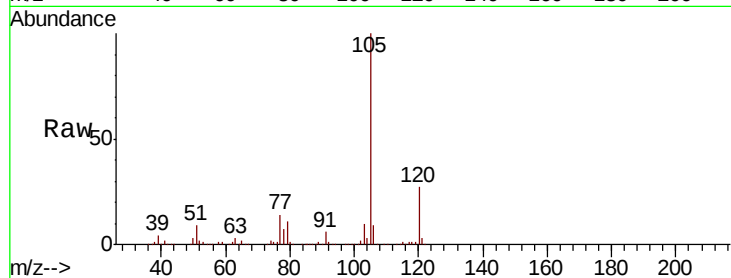
Tot Ion:105 Resp: 648684

Ion Ratio Lower Upper

105 100

120 27.8 21.8 32.6

77 14.7 11.4 17.0



#58

1,1,2,2-Tetrachloroethane

Concen: 22.718 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

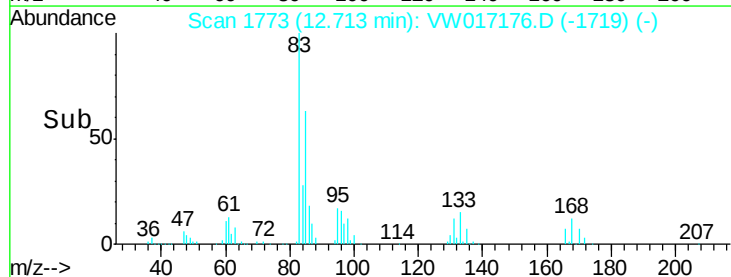
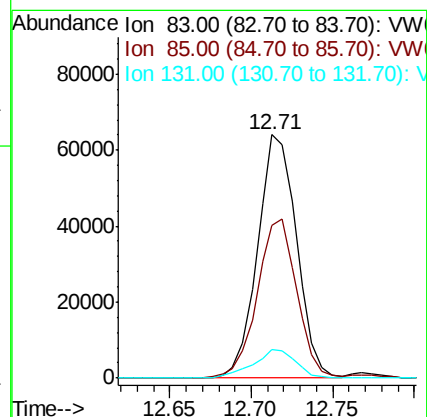
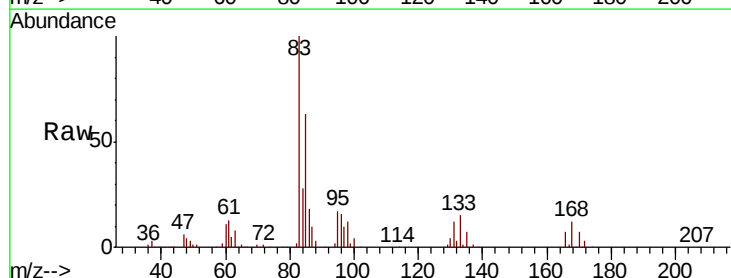
Tgt Ion: 83 Resp: 106877

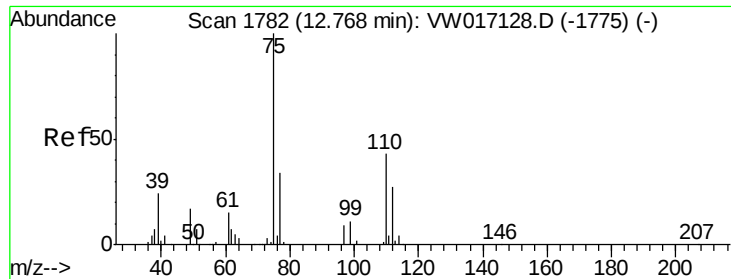
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

131 11.6 8.8 13.2





#59

1,2,3-Trichloropropane

Concen: 22.351 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

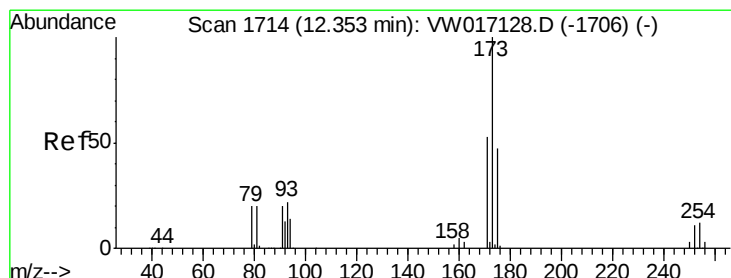
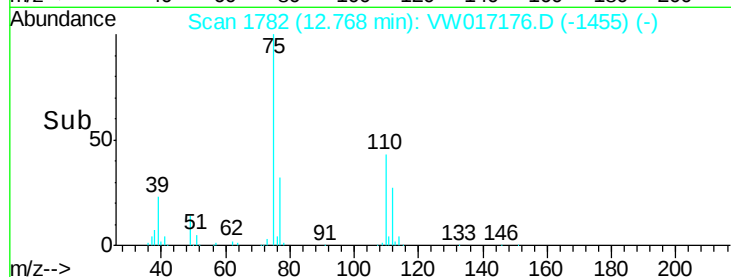
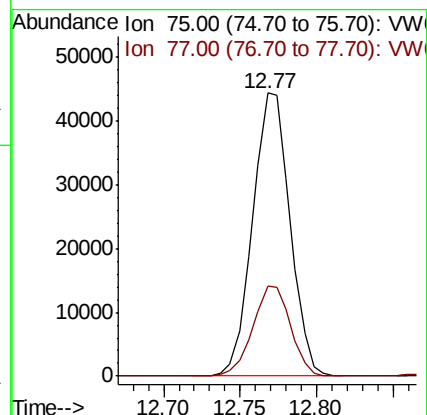
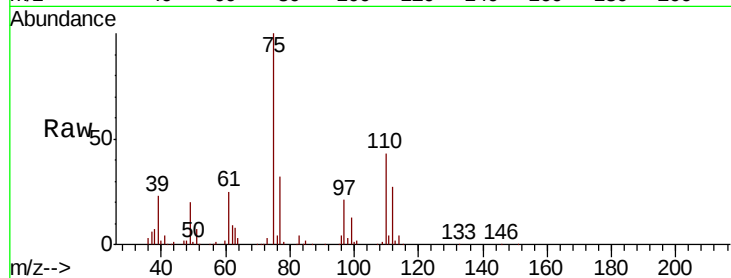
VSTD02524

Tot Ion: 75 Resp: 75581

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6



#62

Bromoform

Concen: 22.348 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

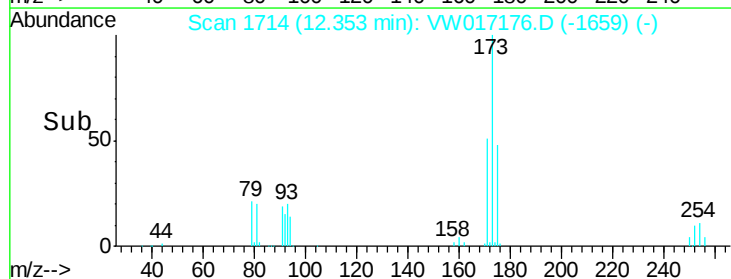
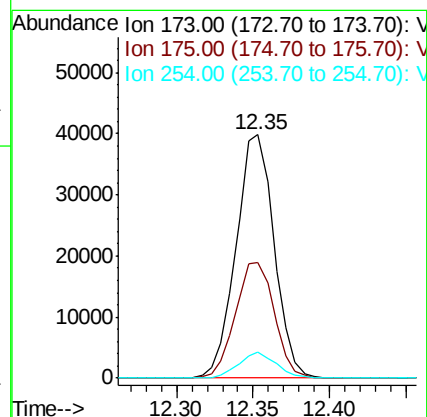
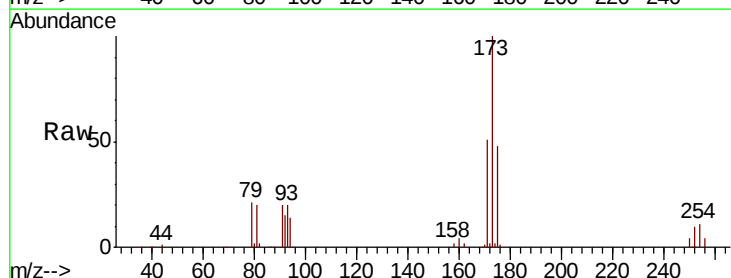
Tgt Ion: 173 Resp: 68731

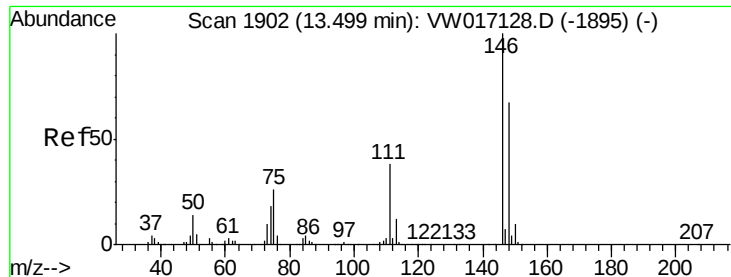
Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 10.5 8.1 12.1

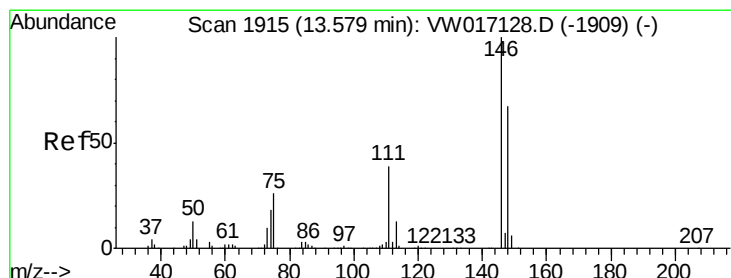
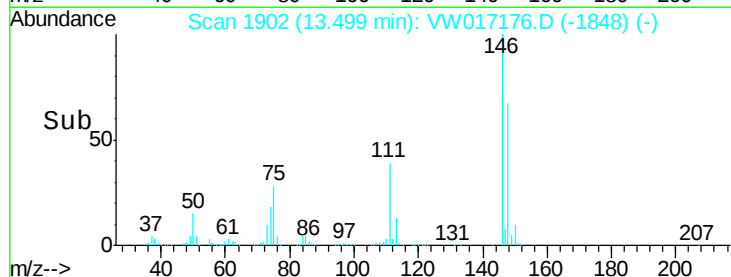
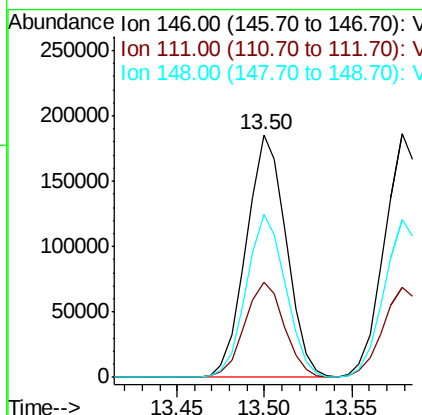
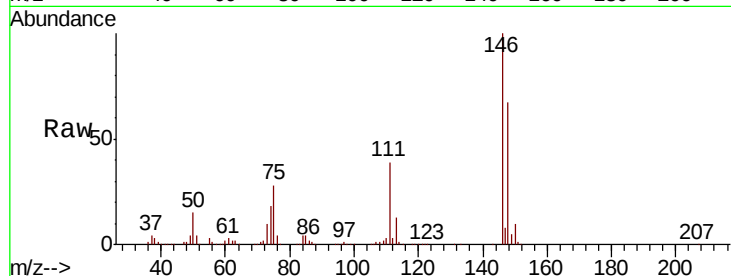




#63
 1,3-Dichlorobenzene
 Concen: 23.634 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

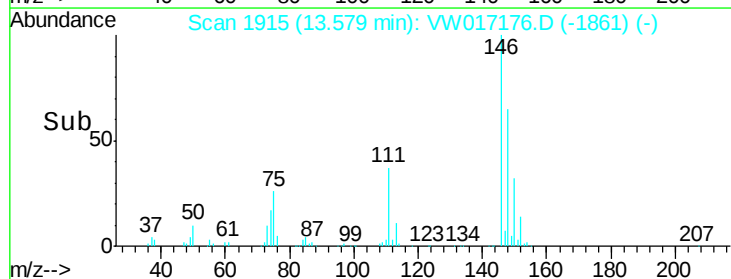
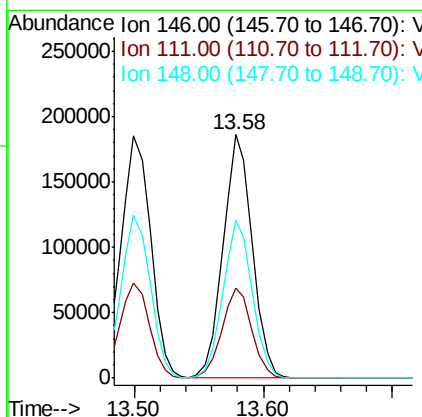
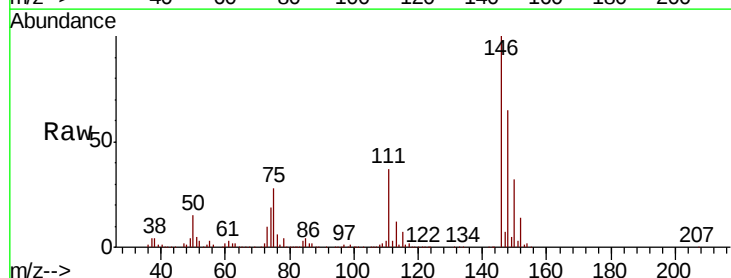
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

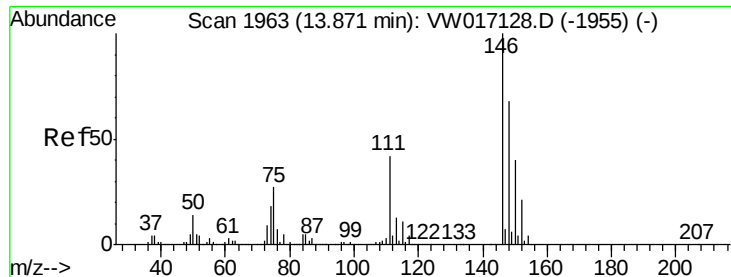
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.4	49.0
148	67.5	42.1	78.1



#64
 1,4-Dichlorobenzene
 Concen: 23.583 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	24.5	45.5
148	64.8	45.5	84.5

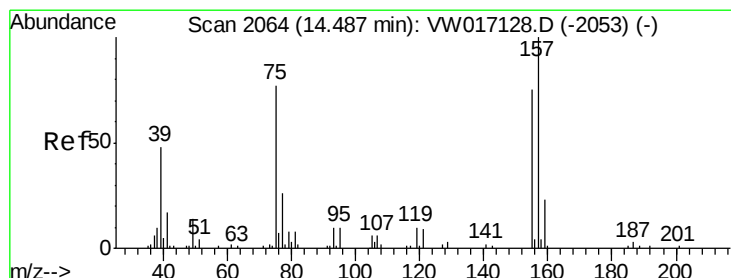
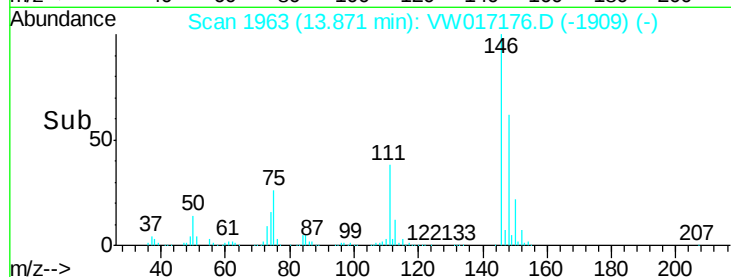
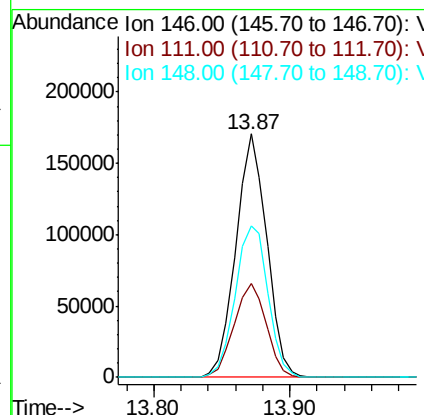
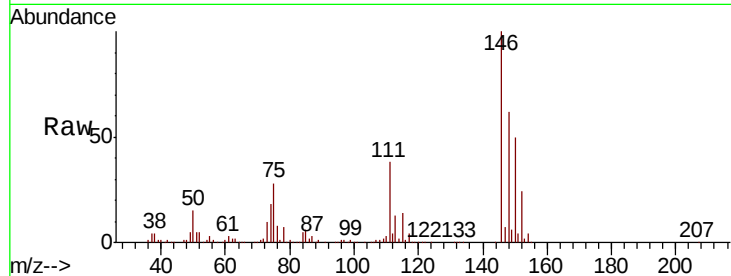




#65
 1,2-Dichlorobenzene
 Concen: 23.941 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

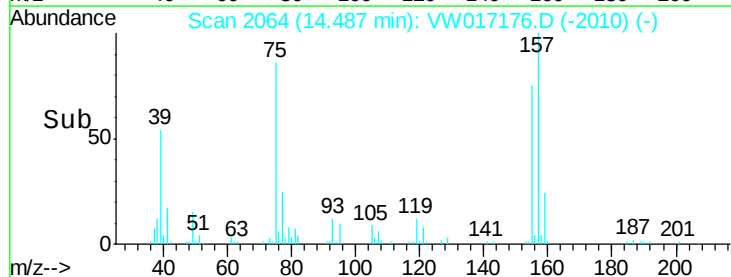
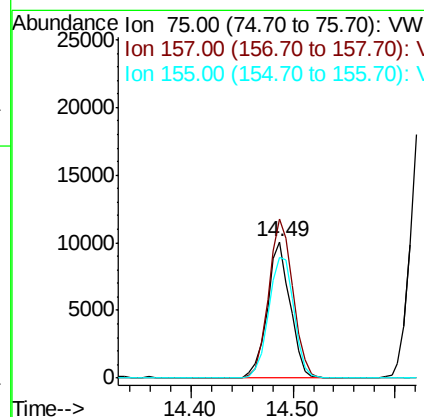
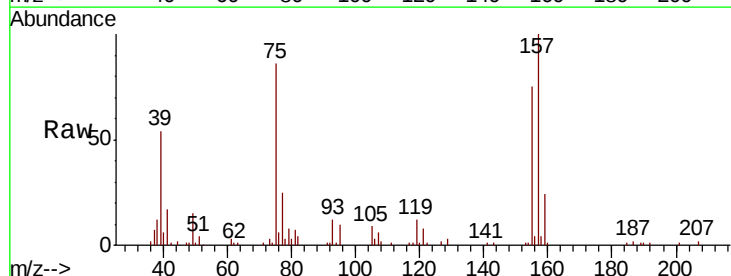
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02524

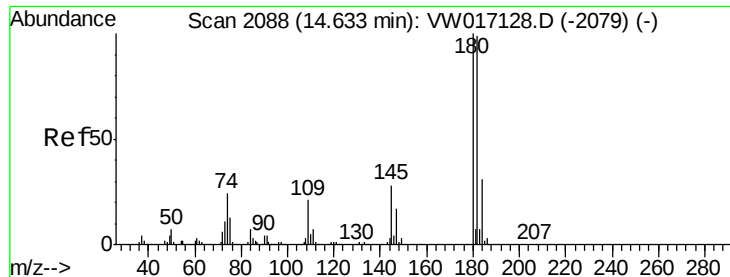
Tot Ion:146 Resp: 269081
 Ion Ratio Lower Upper
 146 100
 111 38.5 30.5 45.7
 148 62.4 50.3 75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 21.136 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion: 75 Resp: 15706
 Ion Ratio Lower Upper
 75 100
 157 116.9 108.2 162.4
 155 88.3 79.1 118.7

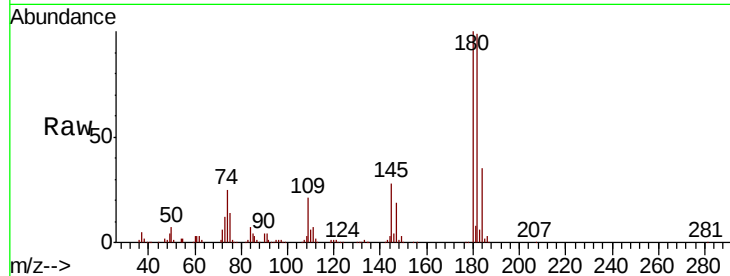




#67
 1,3,5-Trichlorobenzene
 Concen: 24.421 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.2	115.8
184	31.5	24.2	36.4
145	28.8	23.5	35.3



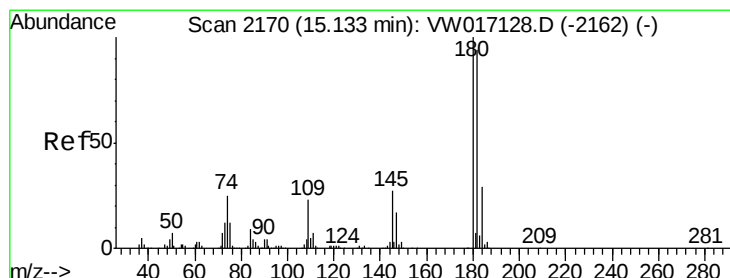
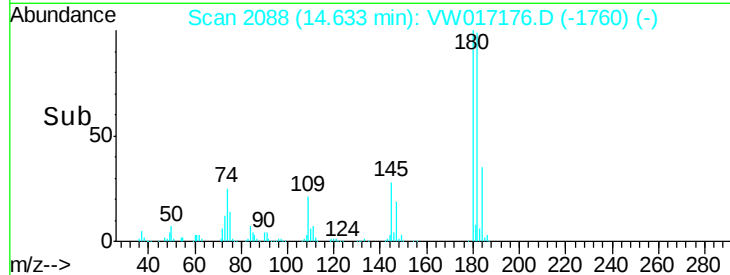
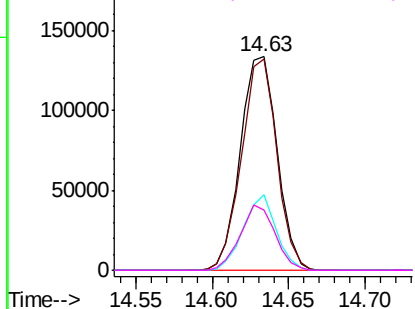
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

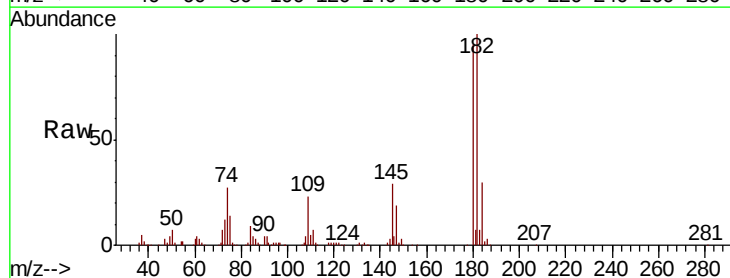
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 23.298 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017176.D
 Acq: 12 Nov 2020 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.0	76.7	115.1
145	30.8	23.6	35.4

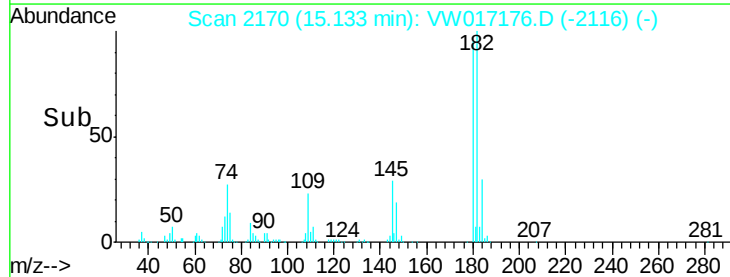
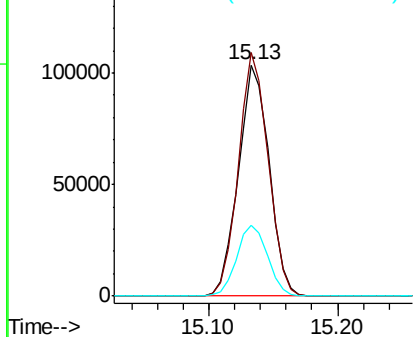


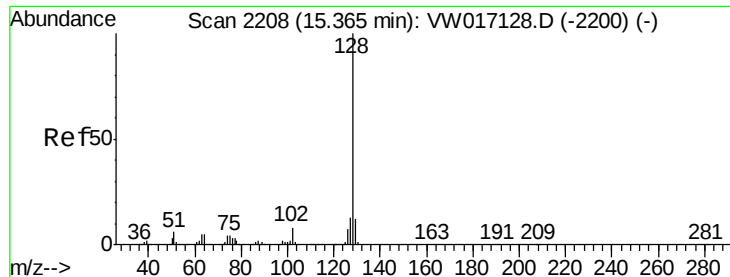
Abundance

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





#69

Naphthalene

Concen: 22.106 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD02524

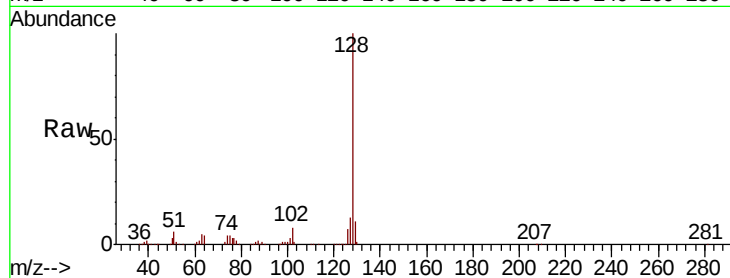
Tot Ion:128 Resp: 298151

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

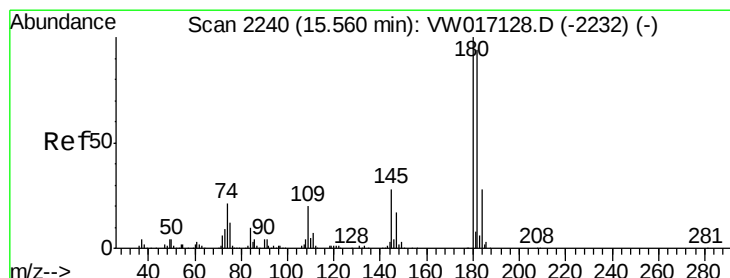
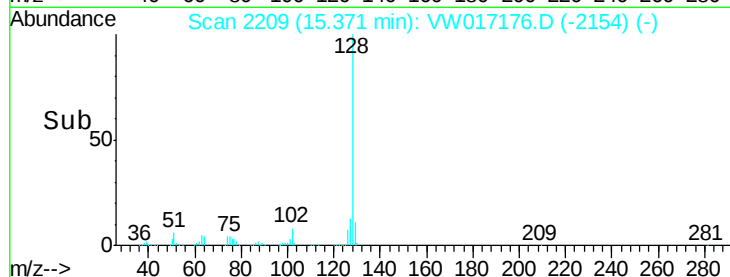
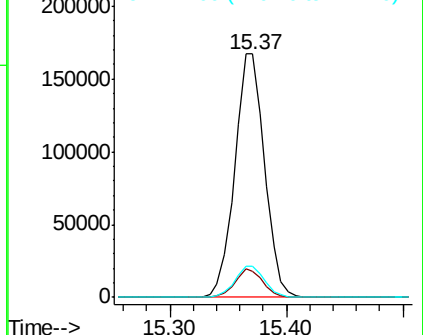
127 12.7 10.2 15.2



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: 23.197 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW017176.D

Acq: 12 Nov 2020 10:53

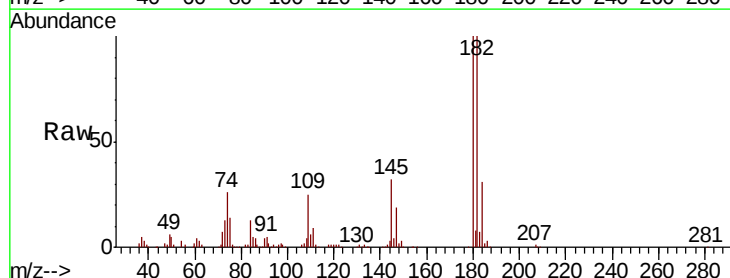
Tgt Ion:180 Resp: 155342

Ion Ratio Lower Upper

180 100

182 97.5 75.5 113.3

145 32.5 24.5 36.7



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

