

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016879.D
 Acq On : 12 Oct 2020 13:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Oct 13 07:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	552620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509643	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248336	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124159	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.89	69	104437	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
10) 1,1-Dichloroethene-d2	4.03	63	268420	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.76%
20) 2-Butanone-d5	7.07	46	67344	54.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.08%
24) Chloroform-d	7.65	84	287152	24.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	8.31	65	137571	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.72%
29) Benzene-d6	8.27	84	545699	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	150801	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	520694	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.58	79	69454	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.28%
39) 2-Hexanone-d5	10.93	63	55342	57.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131806	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	196965	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	153114	23.181	ug/L	95
3) Chloromethane	2.21	50	119324	20.494	ug/L	100
5) Vinyl chloride	2.37	62	192626	25.484	ug/L	99
6) Bromomethane	2.78	94	131297	23.627	ug/L	98
8) Chloroethane	2.93	64	115372	24.730	ug/L	100
9) Trichlorofluoromethane	3.26	101	116622	19.969	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	186792	25.106	ug/L	98
12) 1,1-Dichloroethene	4.04	96	177809	24.886	ug/L	98
13) Acetone	4.12	43	49205	52.657	ug/L	94
14) Carbon disulfide	4.39	76	495324	24.177	ug/L	99
15) Methyl Acetate	4.67	43	59957	26.854	ug/L	99
16) Methylene chloride	4.92	84	176582	23.153	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	203110	25.403	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	184771	24.754	ug/L	98
19) 1,1-Dichloroethane	6.21	63	289264	25.165	ug/L	100
21) 2-Butanone	7.17	43	78287	49.906	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	193271	25.376	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101220\
 Data File : VW016879.D
 Acq On : 12 Oct 2020 13:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Oct 13 07:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

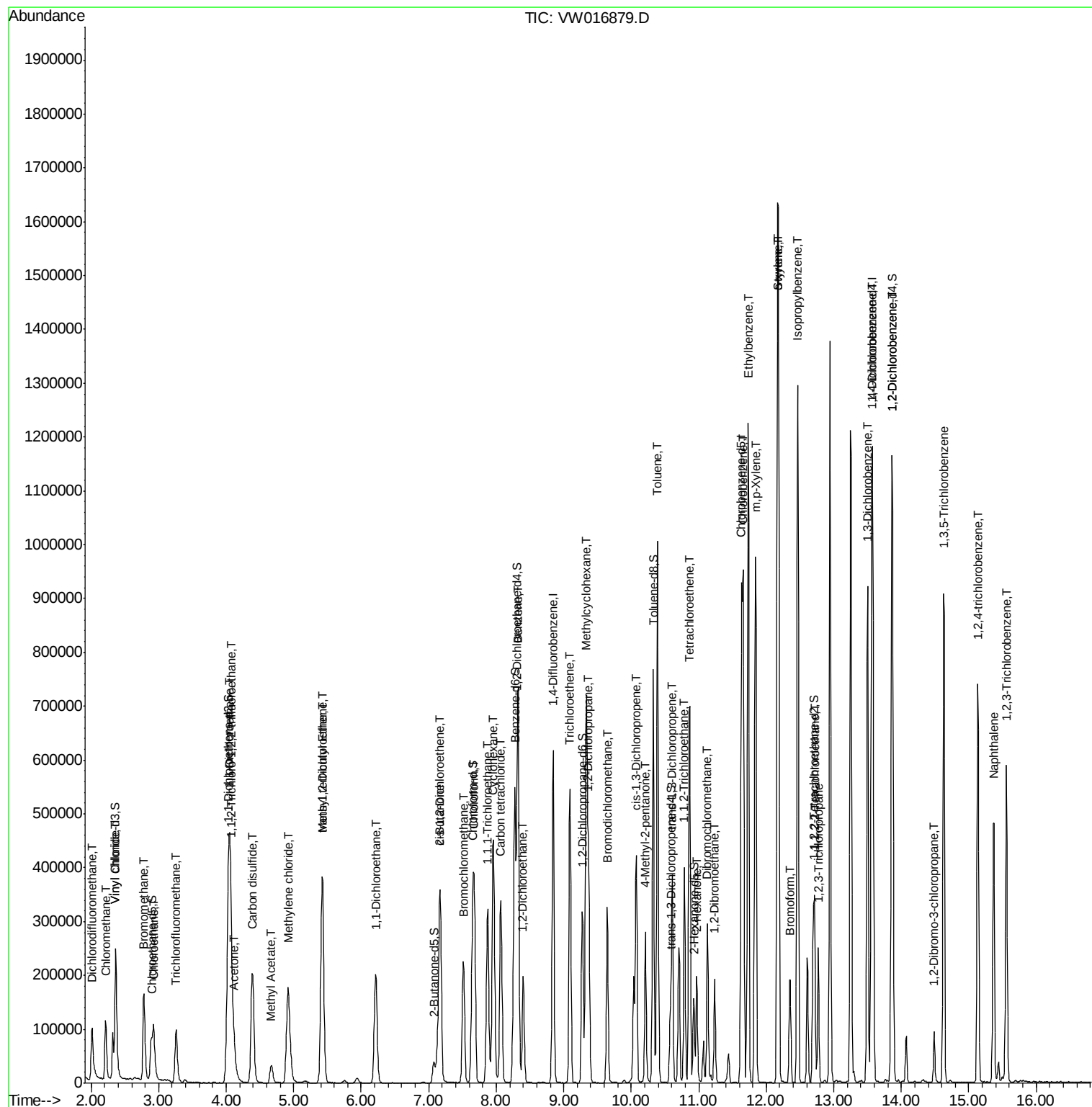
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	90598	25.331	ug/L	96
25) Chloroform	7.68	83	313683	25.270	ug/L	99
27) 1,2-Dichloroethane	8.40	62	186481	25.113	ug/L	100
30) Cyclohexane	7.96	56	263055	24.889	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	270941	24.999	ug/L	99
32) Carbon tetrachloride	8.07	117	264602	25.018	ug/L	100
34) Benzene	8.32	78	678749	24.800	ug/L	100
35) Trichloroethene	9.09	95	190032	24.547	ug/L	99
36) Methylcyclohexane	9.34	83	322020	24.739	ug/L	100
40) 1,2-Dichloropropane	9.37	63	156588	25.302	ug/L	100
41) Bromodichloromethane	9.65	83	217629	25.032	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	254163	25.759	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	170075	54.588	ug/L	100
44) Toluene	10.39	91	761288	25.074	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	218952	26.370	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	128372	25.517	ug/L	98
47) Tetrachloroethene	10.87	164	177114	24.677	ug/L	99
49) 2-Hexanone	10.97	43	115542	56.184	ug/L	99
50) Dibromochloromethane	11.13	129	162092	25.917	ug/L	98
51) 1,2-Dibromoethane	11.24	107	127663	25.823	ug/L	94
52) Chlorobenzene	11.66	112	509420	25.001	ug/L	97
53) Ethylbenzene	11.73	91	867547	25.472	ug/L	98
54) m,p-Xylene	11.84	106	336932	25.436	ug/L	99
55) o-xylene	12.16	106	321001	25.363	ug/L	96
56) Styrene	12.18	104	538458	25.782	ug/L	100
57) Isopropylbenzene	12.46	105	887349	25.604	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145736	26.212	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	103856	25.785	ug/L	100
62) Bromoform	12.35	173	94007	26.910	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	408018	25.816	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	397656	25.158	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	369389	26.104	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23352	27.205	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	304098	25.885	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	250976	26.010	ug/L	96
69) Naphthalene	15.37	128	448883	28.093	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	222206	26.799	ug/L	98

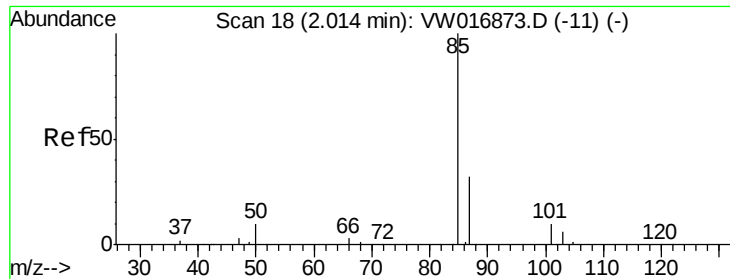
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101220\
Data File : VW016879.D
Acq On : 12 Oct 2020 13:35
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

Quant Time: Oct 13 07:00:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 13 06:53:04 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 23.181 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

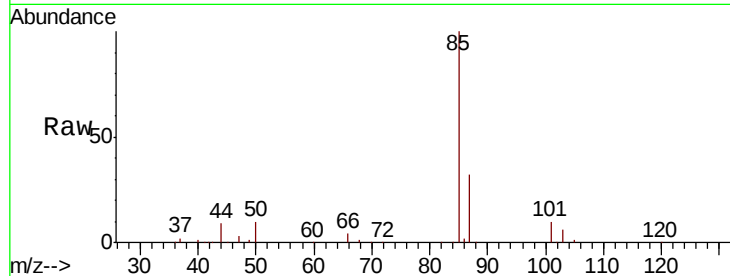
VSTD02526

Tot Ion: 85 Resp: 153114

Ion Ratio Lower Upper

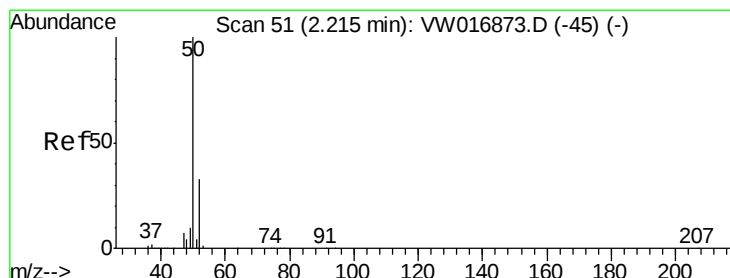
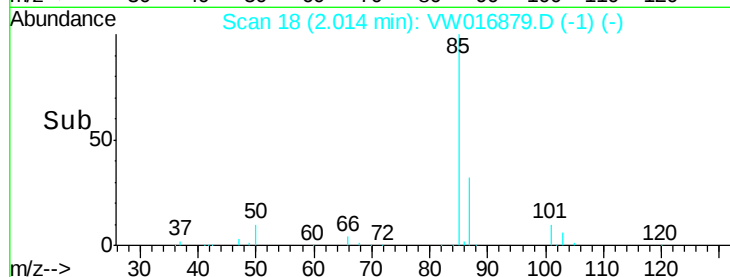
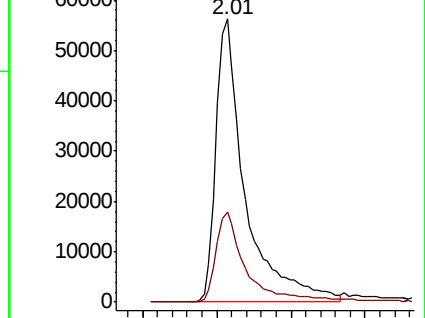
85 100

87 31.5 20.4 37.8



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 20.494 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016879.D

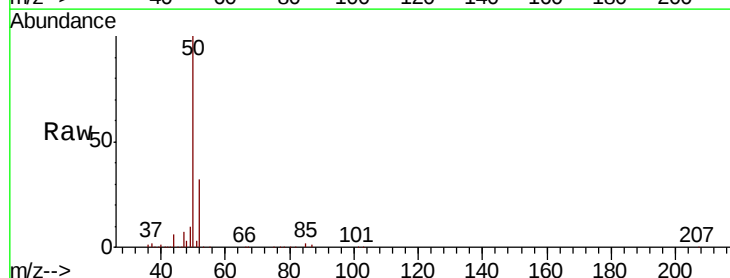
Acq: 12 Oct 2020 13:35

Tgt Ion: 50 Resp: 119324

Ion Ratio Lower Upper

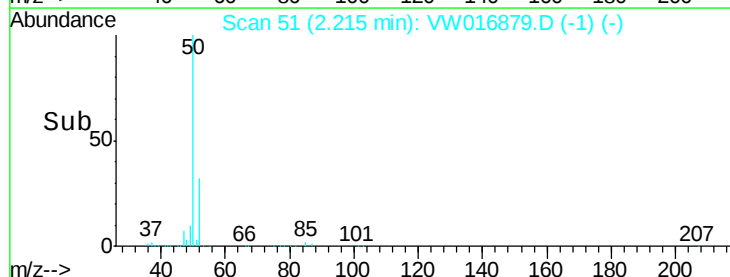
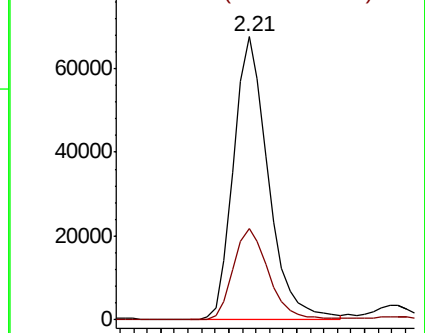
50 100

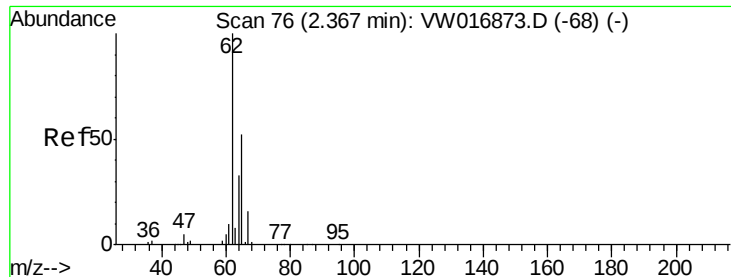
52 32.3 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.484 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

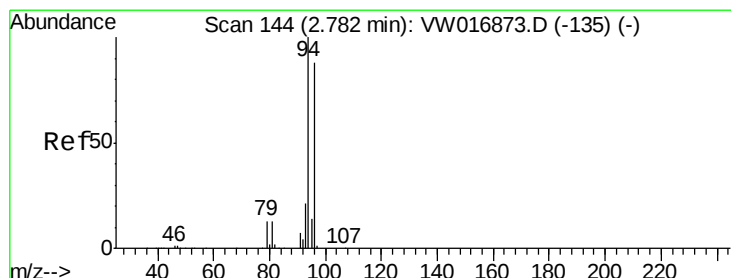
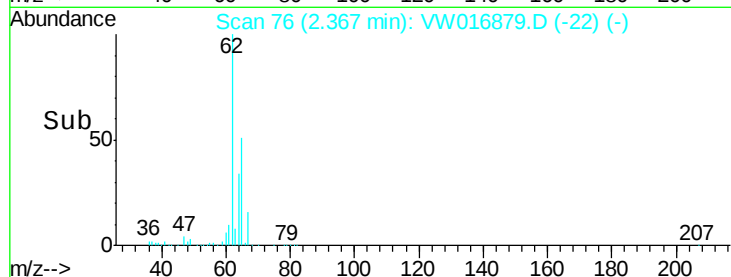
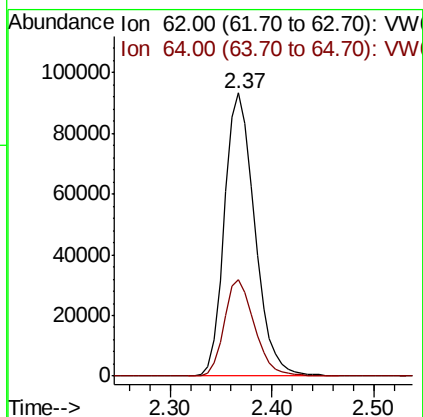
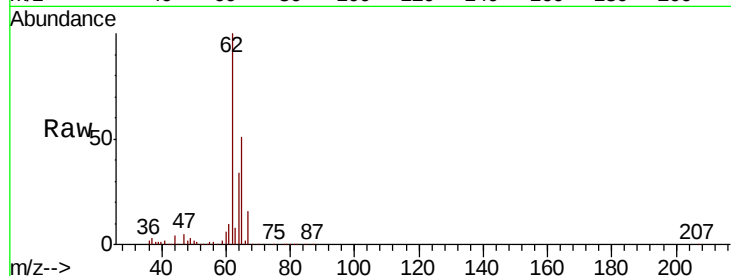
VSTD02526

Tot Ion: 62 Resp: 192626

Ion Ratio Lower Upper

62 100

64 34.1 23.5 43.7



#6

Bromomethane

Concen: 23.627 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016879.D

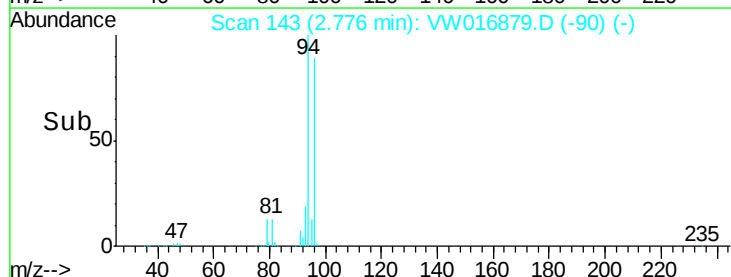
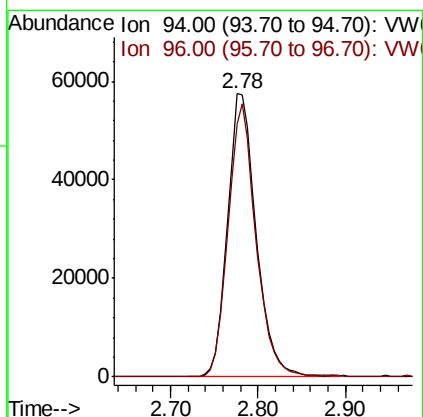
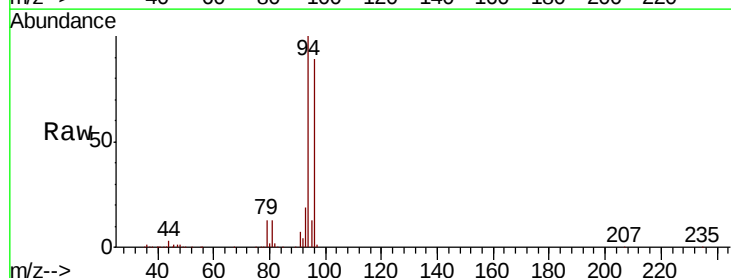
Acq: 12 Oct 2020 13:35

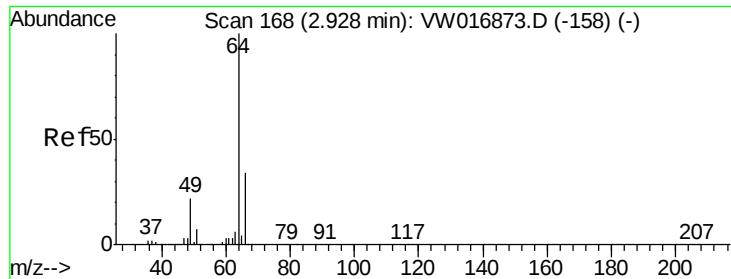
Tgt Ion: 94 Resp: 131297

Ion Ratio Lower Upper

94 100

96 93.4 9.5 180.7





#8

Chloroethane

Concen: 24.730 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

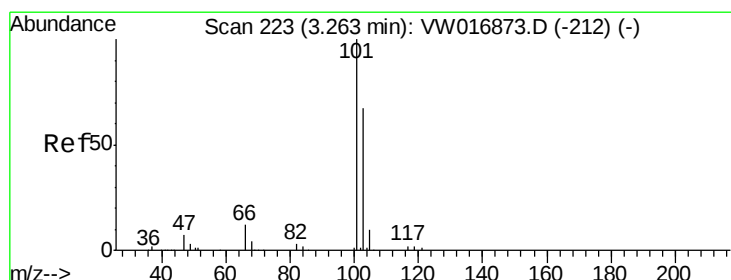
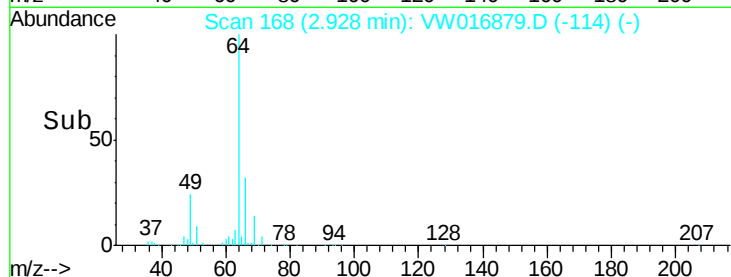
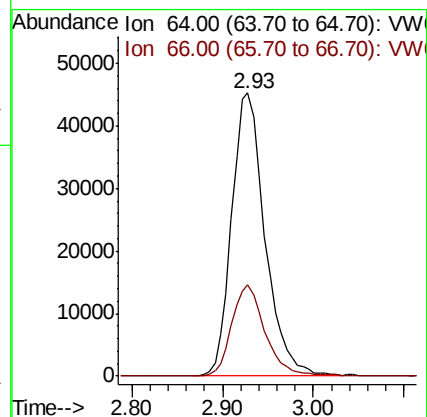
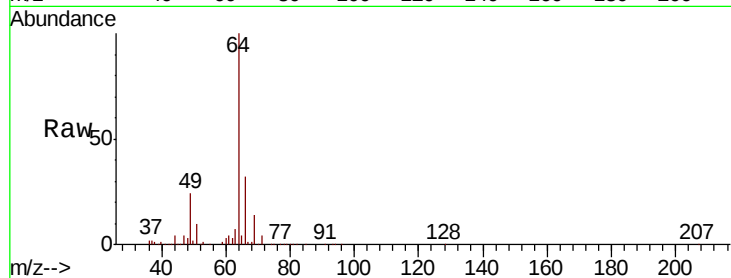
VSTD02526

Tot Ion: 64 Resp: 115372

Ion Ratio Lower Upper

64 100

66 32.1 22.5 41.7



#9

Trichlorofluoromethane

Concen: 19.969 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016879.D

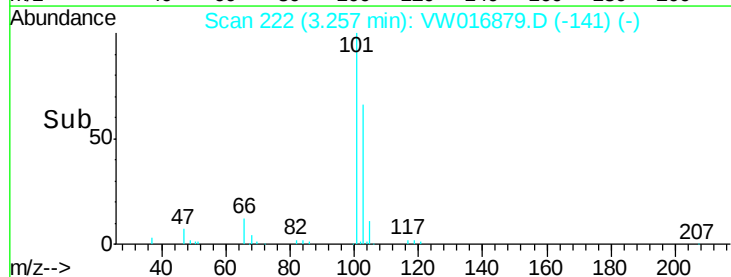
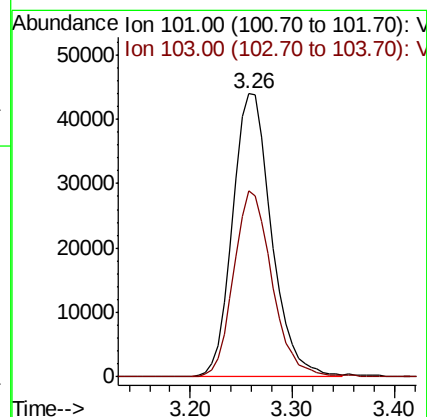
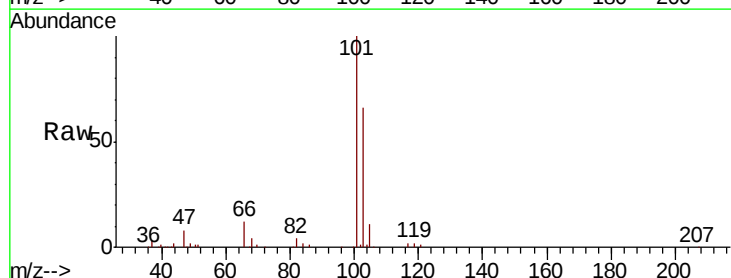
Acq: 12 Oct 2020 13:35

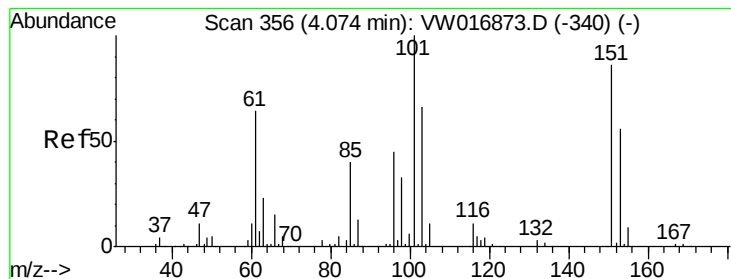
Tgt Ion: 101 Resp: 116622

Ion Ratio Lower Upper

101 100

103 64.6 45.2 84.0





#11

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

Concen: 25.106 ug/L

RT: 4.07 min Scan# 356

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

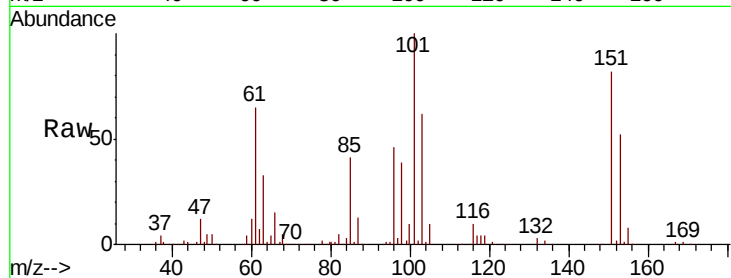
Tot Ion:101 Resp: 186792

Ion Ratio Lower Upper

101 100

85 41.1 31.7 47.5

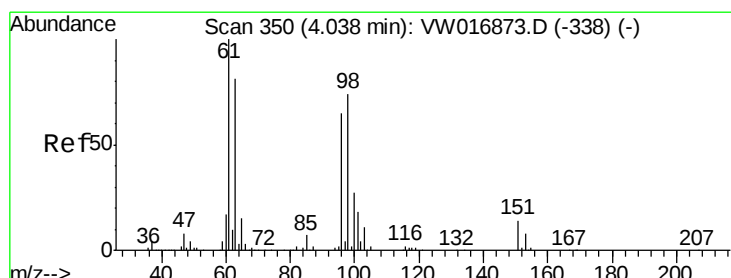
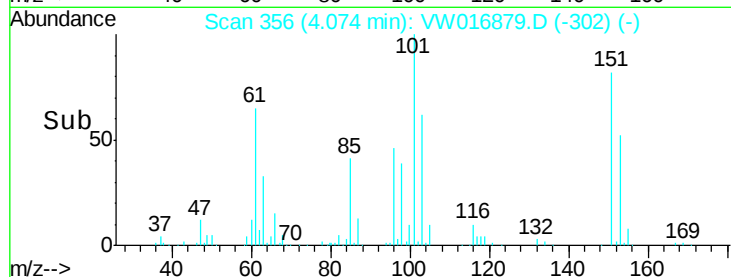
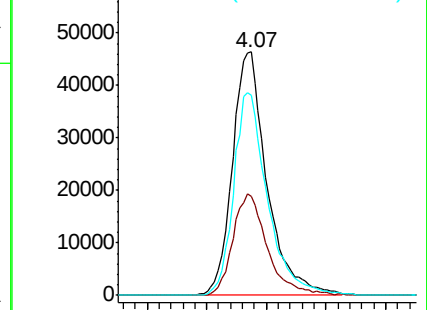
151 81.8 66.6 99.8



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: 24.886 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

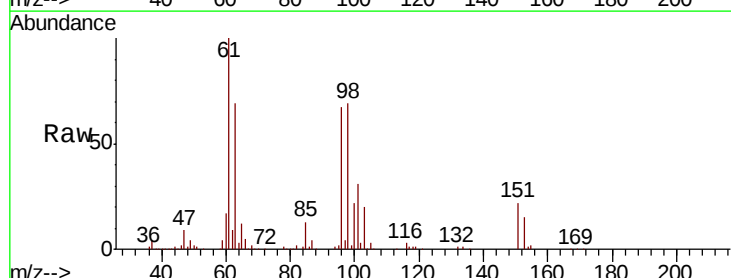
Tgt Ion: 96 Resp: 177809

Ion Ratio Lower Upper

96 100

61 150.3 105.1 195.1

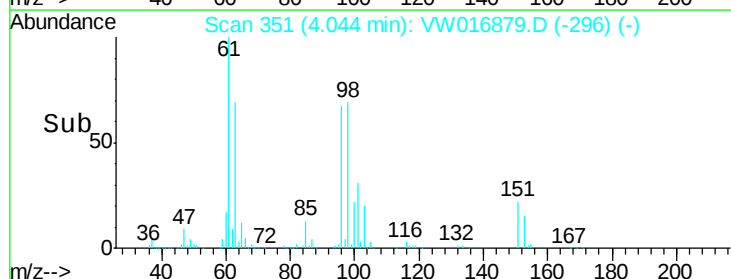
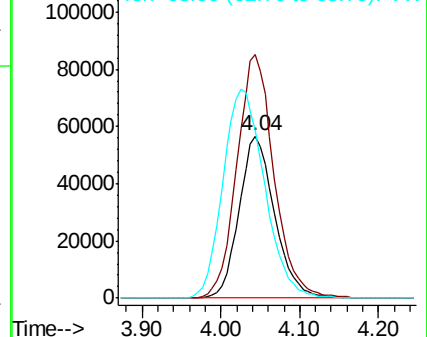
63 104.1 69.9 129.7

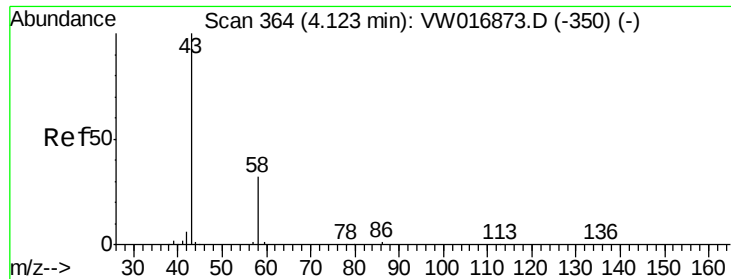


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 52.657 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

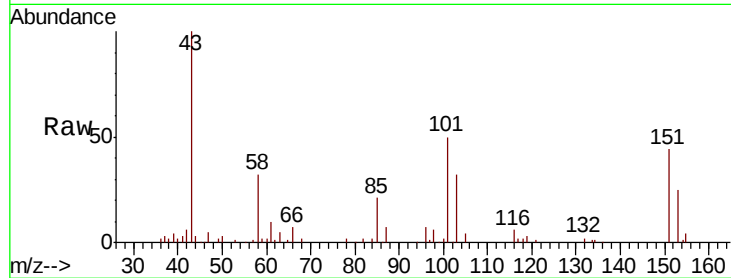
VSTD02526

Tot Ion: 43 Resp: 49205

Ion Ratio Lower Upper

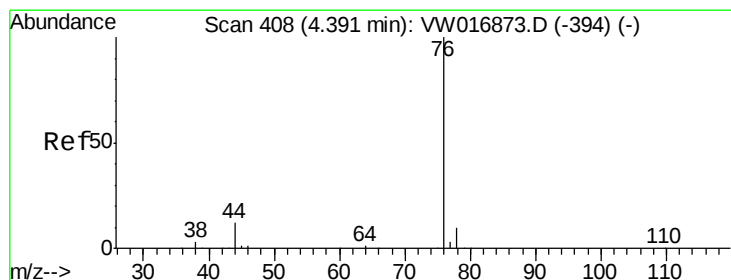
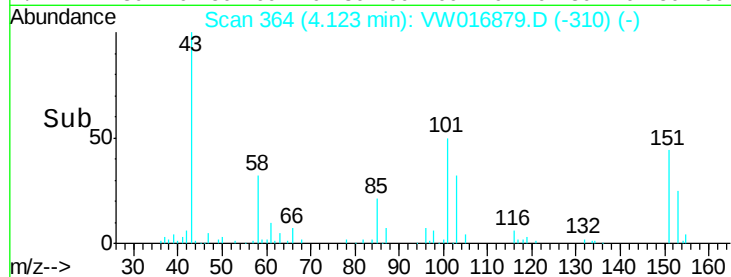
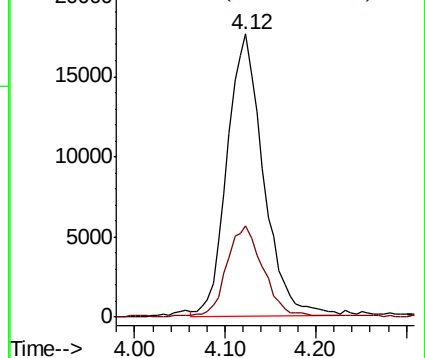
43 100

58 30.4 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 24.177 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW016879.D

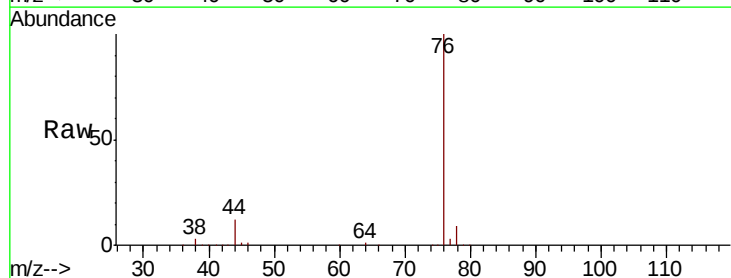
Acq: 12 Oct 2020 13:35

Tgt Ion: 76 Resp: 495324

Ion Ratio Lower Upper

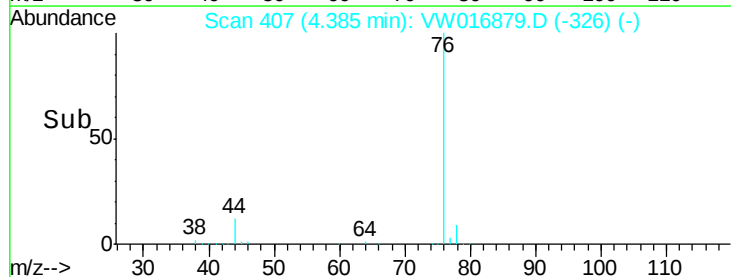
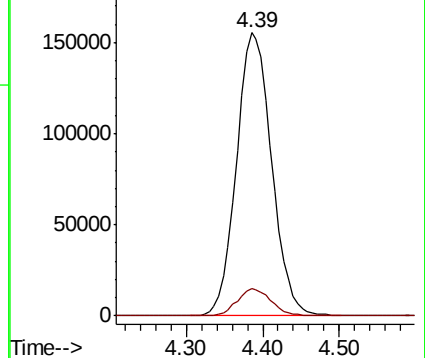
76 100

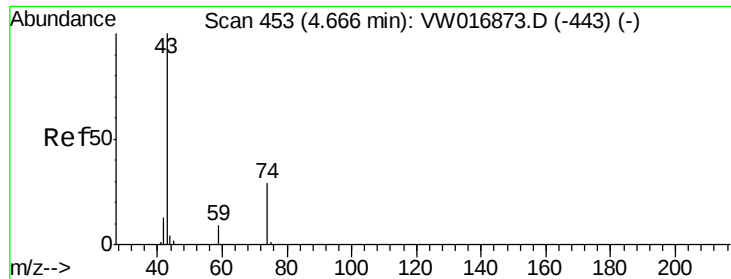
78 9.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

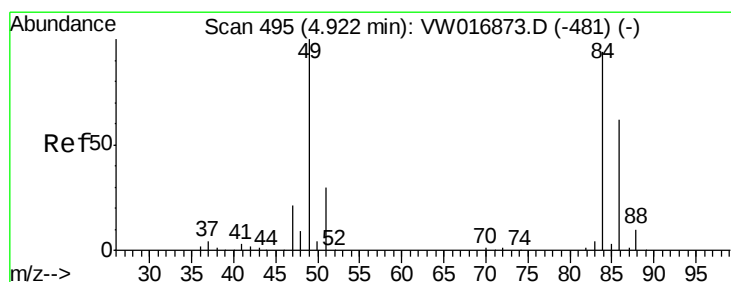
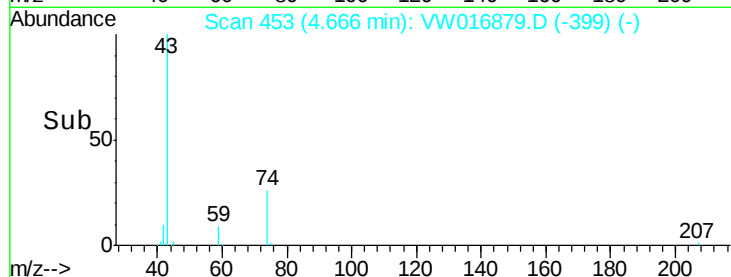
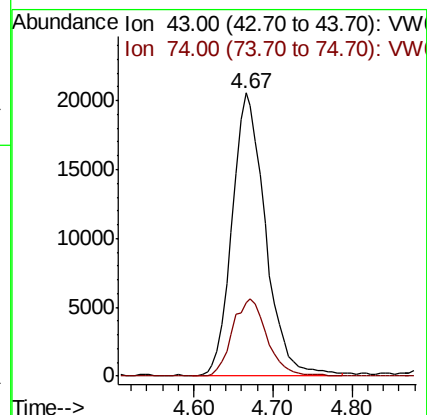
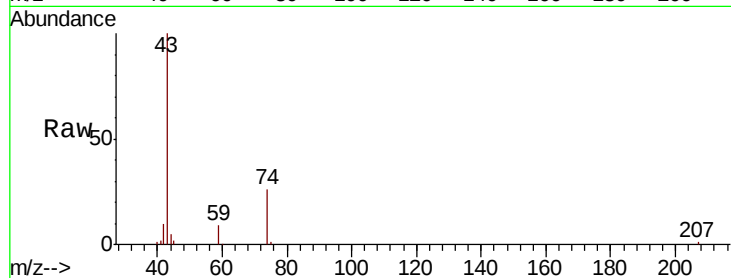




#15
Methyl Acetate
Concen: 26.854 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

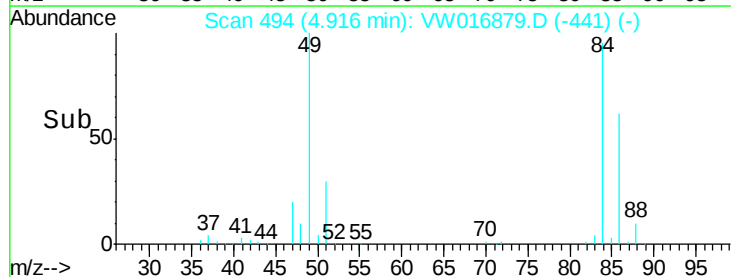
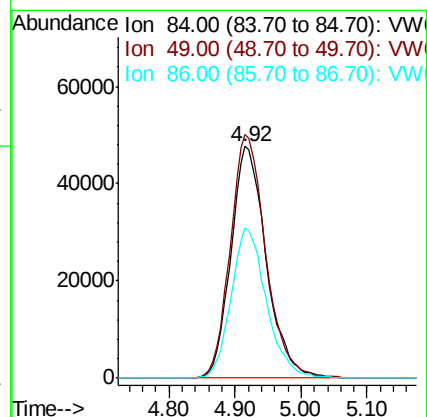
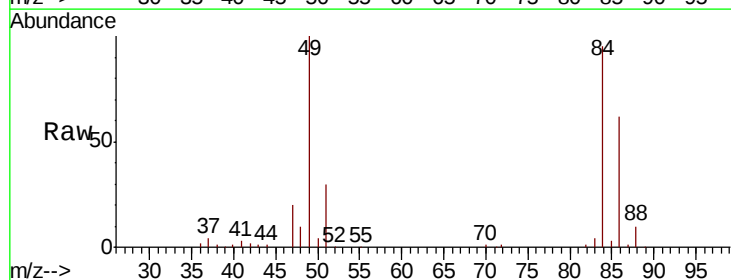
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

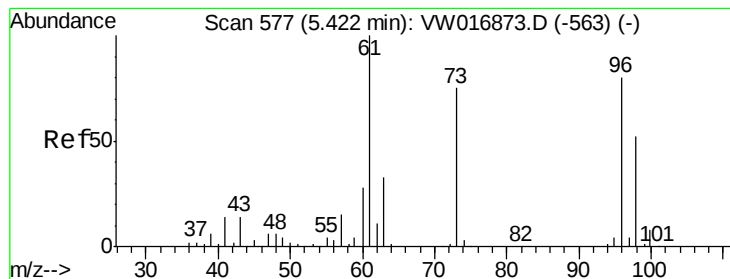
Tot Ion: 43 Resp: 59957
Ion Ratio Lower Upper
43 100
74 28.1 22.7 34.1



#16
Methylene chloride
Concen: 23.153 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

Tgt Ion: 84 Resp: 176582
Ion Ratio Lower Upper
84 100
49 105.1 73.1 135.8
86 64.7 46.0 85.4





#17

Methvl tert-butvl Ether

Concen: 25.403 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

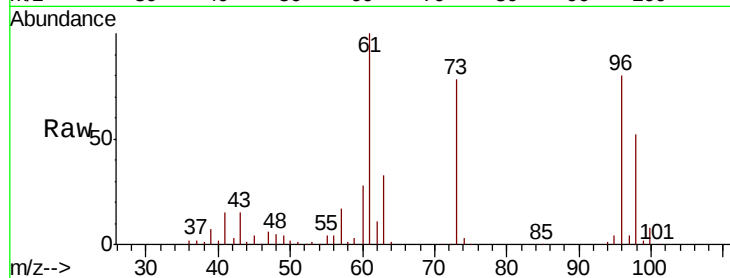
Tot Ion: 73 Resp: 203110

Ion Ratio Lower Upper

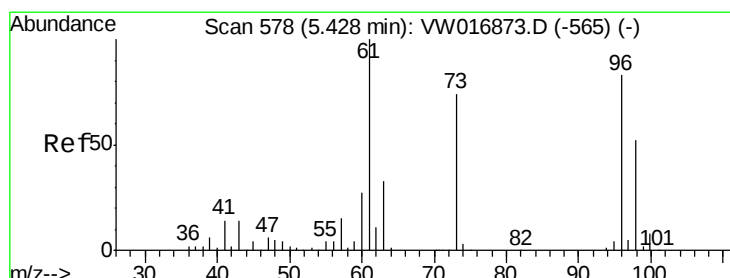
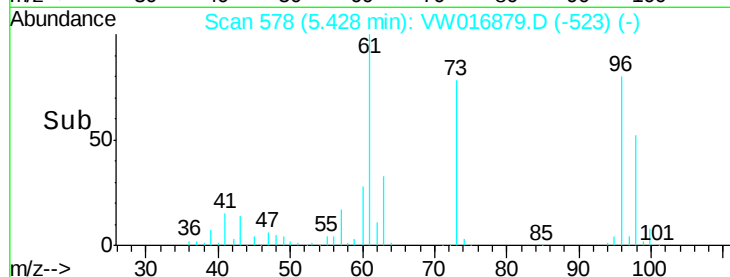
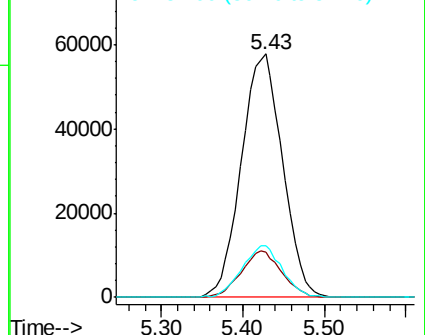
73 100

43 18.7 15.0 22.4

57 20.7 16.4 24.6



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: 24.754 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

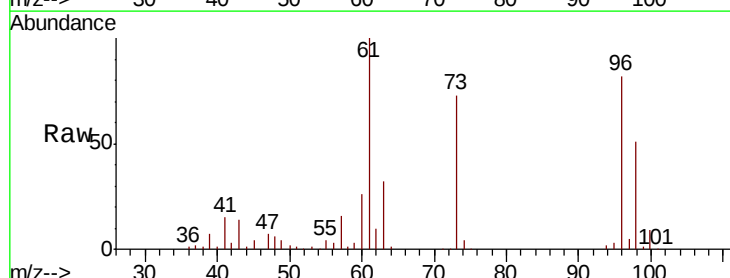
Tgt Ion: 96 Resp: 184771

Ion Ratio Lower Upper

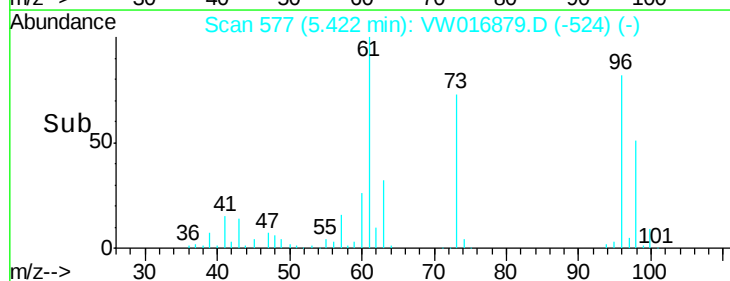
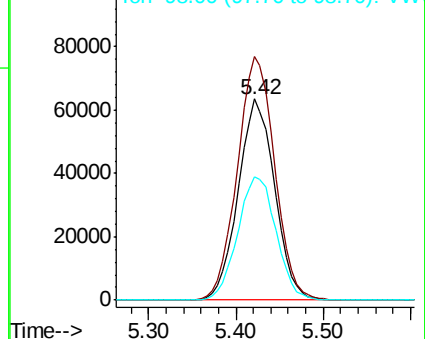
96 100

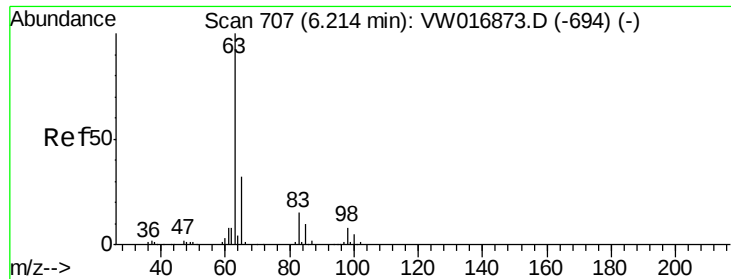
61 121.2 82.5 153.3

98 61.7 43.3 80.5



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

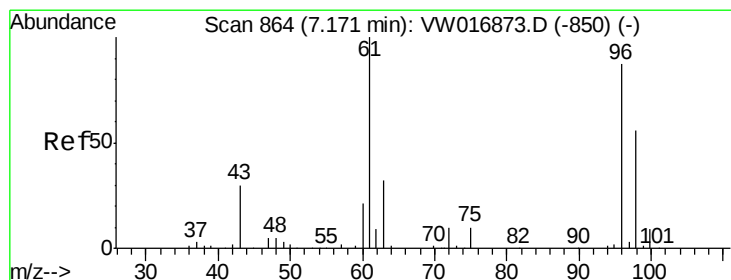
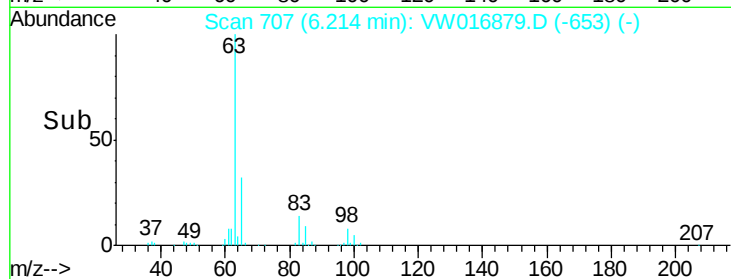
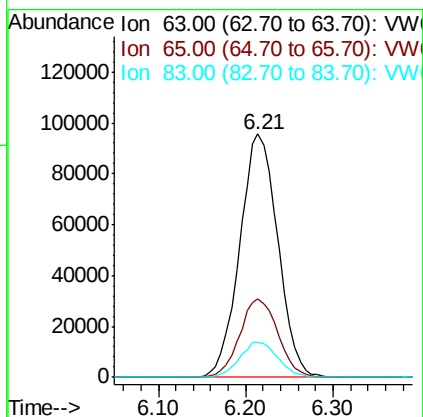
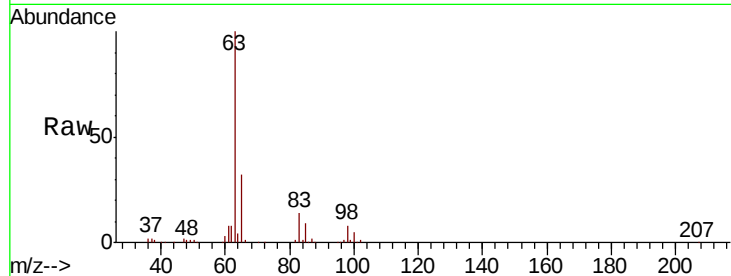




#19
 1,1-Dichloroethane
 Concen: 25.165 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

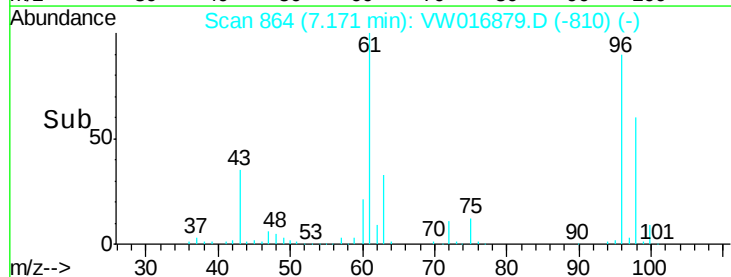
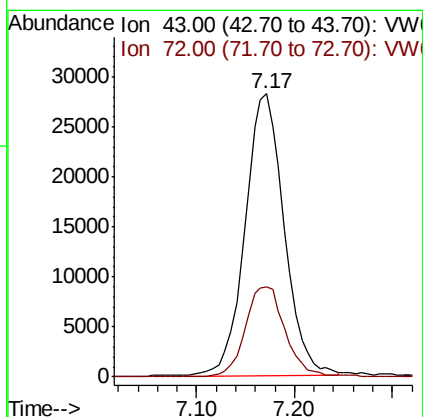
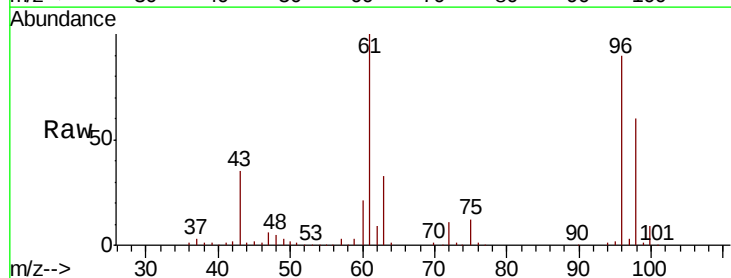
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

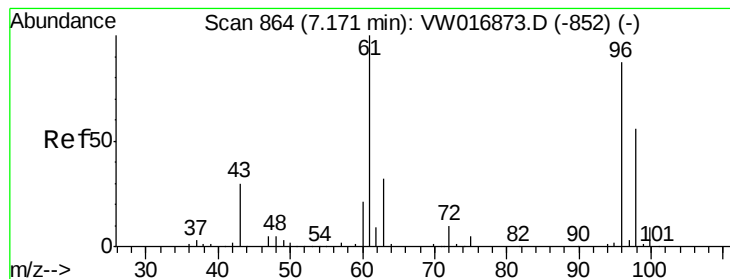
Tot Ion: 63 Resp: 289264
 Ion Ratio Lower Upper
 63 100
 65 32.5 22.7 42.1
 83 14.1 9.9 18.5



#21
 2-Butanone
 Concen: 49.906 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion: 43 Resp: 78287
 Ion Ratio Lower Upper
 43 100
 72 32.4 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 25.376 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

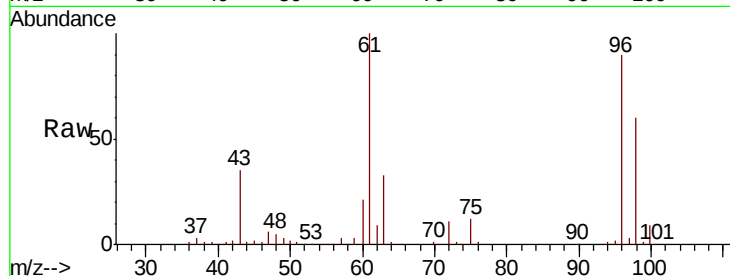
Tot Ion: 96 Resp: 193271

Ion Ratio Lower Upper

96 100

61 110.7 76.0 141.2

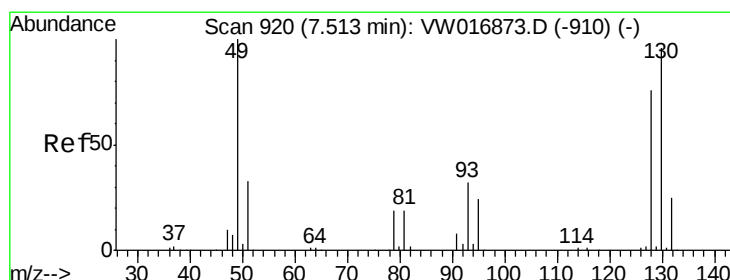
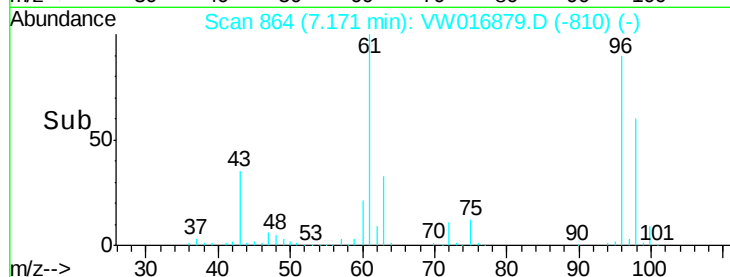
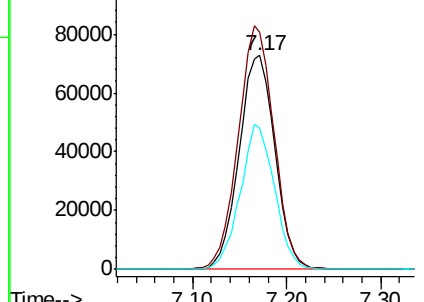
98 66.0 42.7 79.3



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: 25.331 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Tgt Ion: 128 Resp: 90598

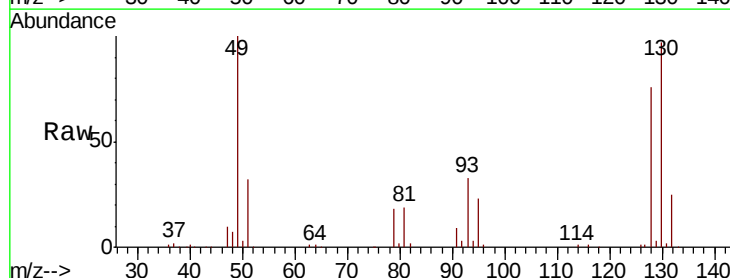
Ion Ratio Lower Upper

128 100

49 130.8 88.5 164.3

130 127.3 92.9 172.5

51 42.5 32.6 48.8

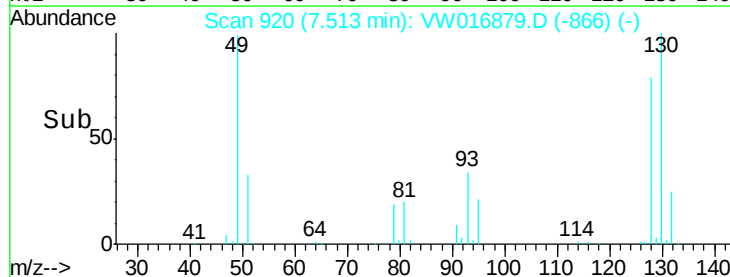
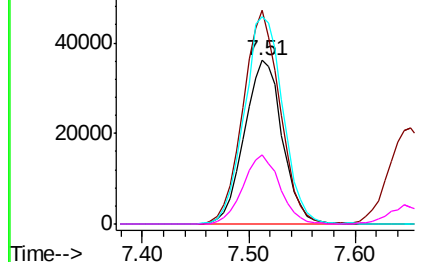


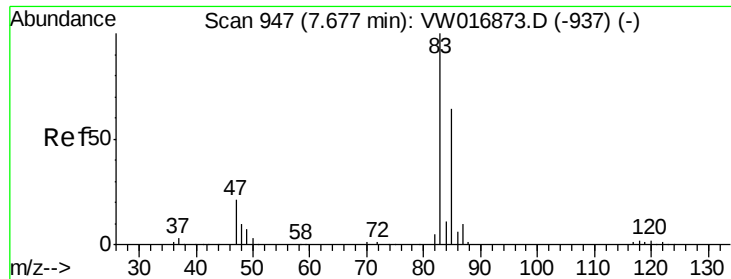
Abundance Ion 128.00 (127.70 to 128.70): V

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

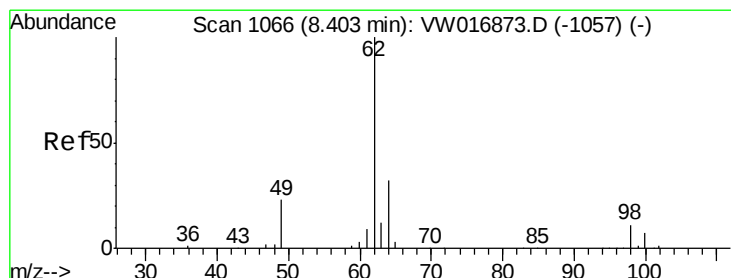
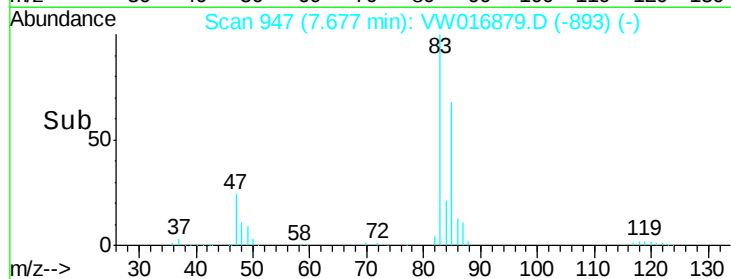
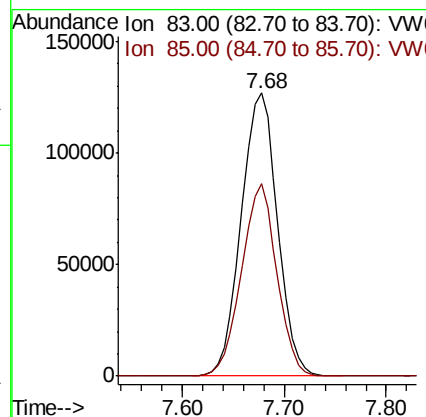
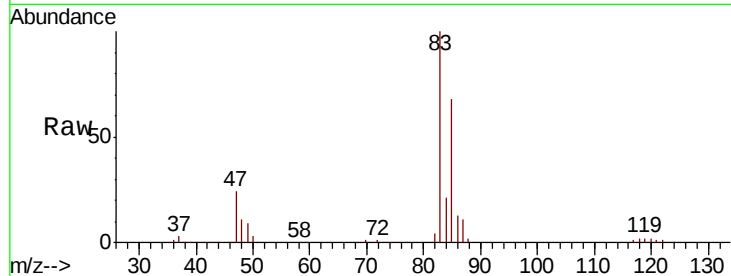




#25
Chloroform
Concen: 25.270 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

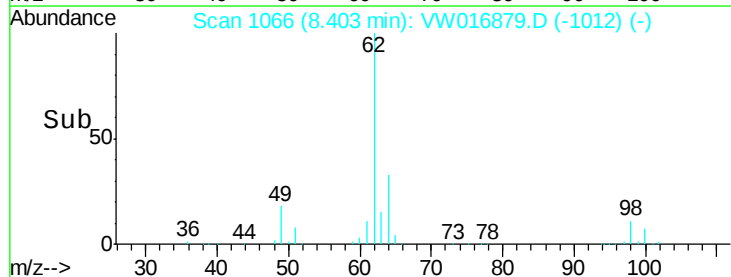
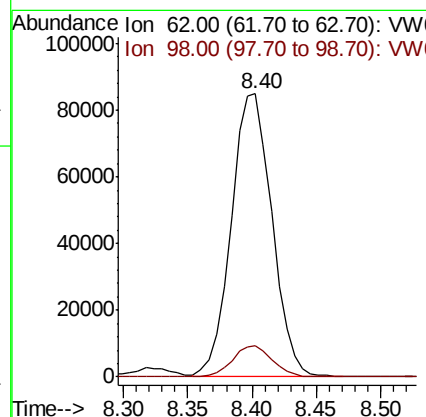
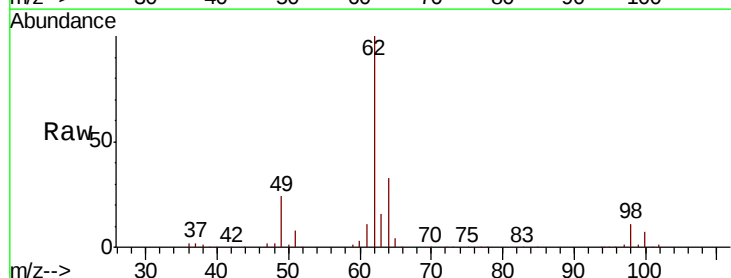
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

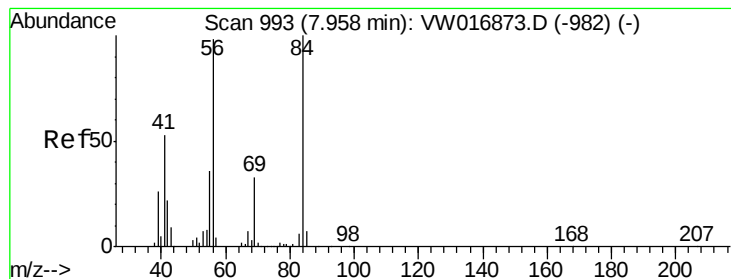
Tot Ion: 83 Resp: 313683
Ion Ratio Lower Upper
83 100
85 66.3 46.9 87.1



#27
1,2-Dichloroethane
Concen: 25.113 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

Tgt Ion: 62 Resp: 186481
Ion Ratio Lower Upper
62 100
98 10.8 8.6 12.8





#30

Cyclohexane

Concen: 24.889 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

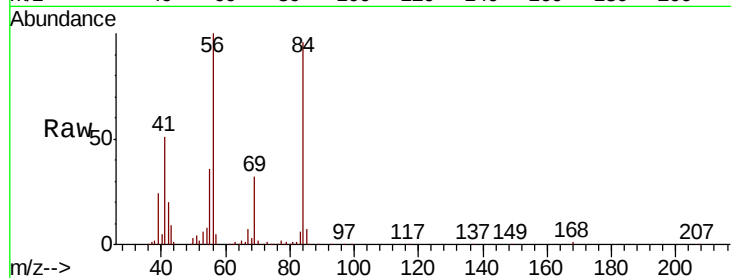
Tot Ion: 56 Resp: 263055

Ion Ratio Lower Upper

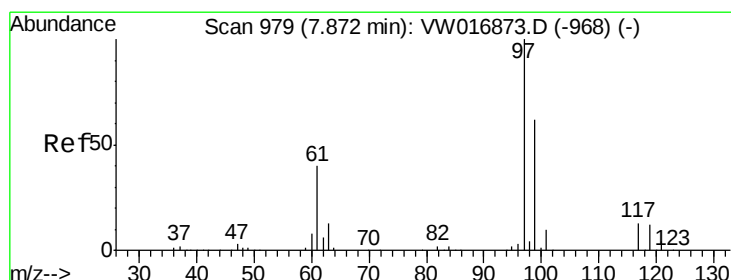
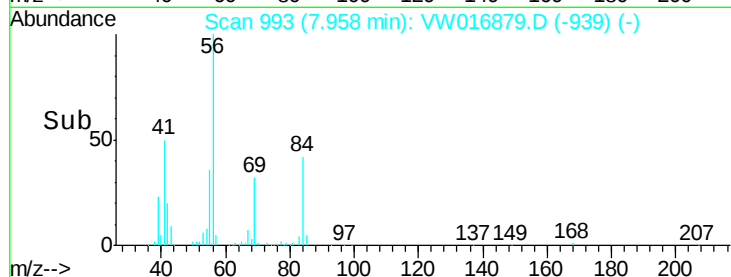
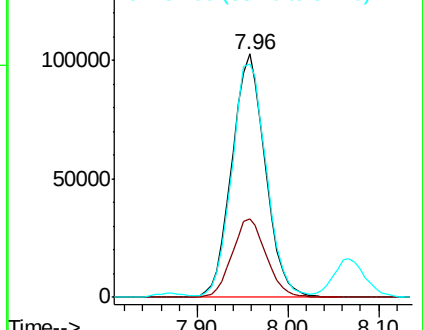
56 100

69 32.9 26.1 39.1

84 99.4 79.3 118.9



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



#31

1,1,1-Trichloroethane

Concen: 24.999 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

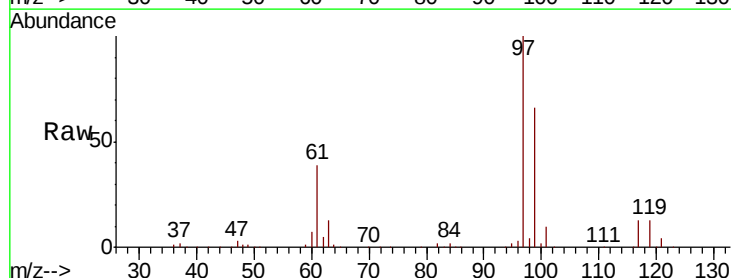
Tgt Ion: 97 Resp: 270941

Ion Ratio Lower Upper

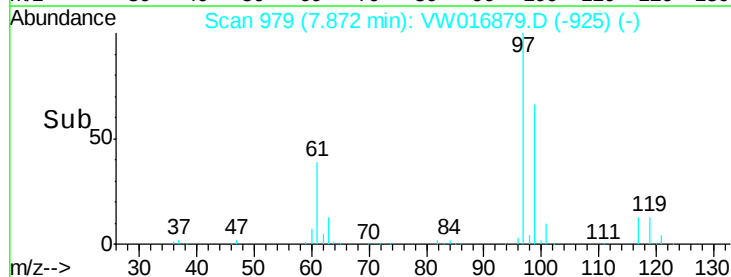
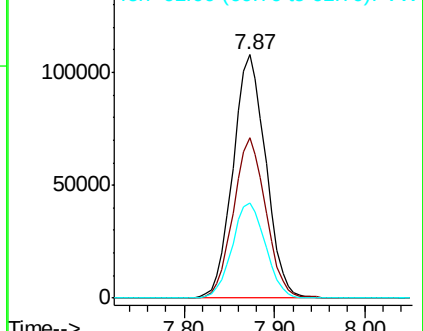
97 100

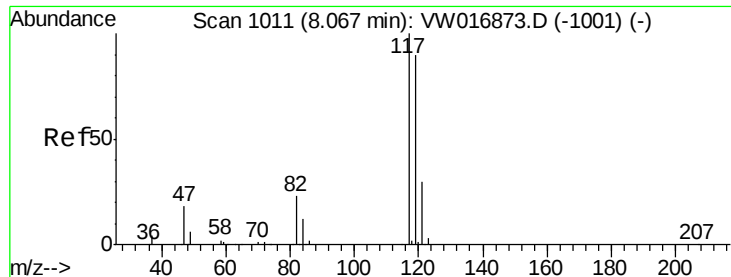
99 65.5 51.5 77.3

61 39.7 32.5 48.7



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.018 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

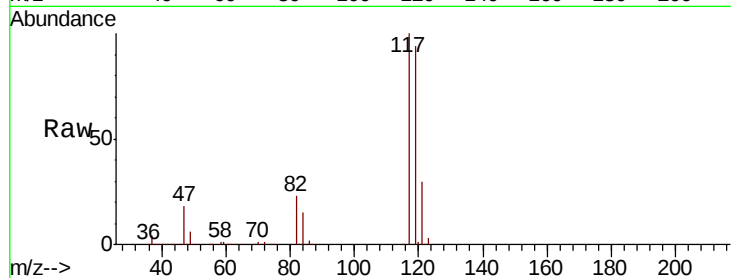
VSTD02526

Tot Ion:117 Resp: 264602

Ion Ratio Lower Upper

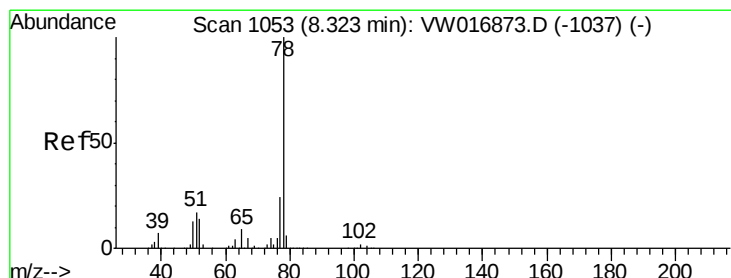
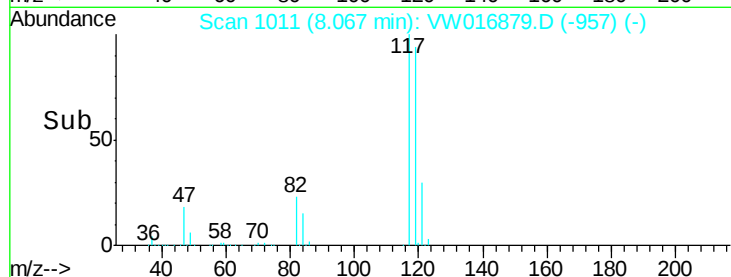
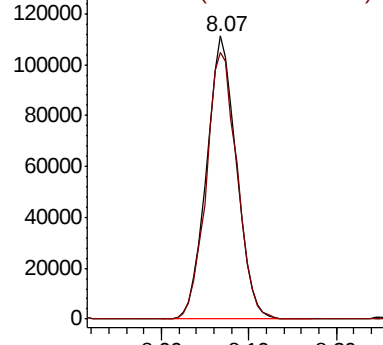
117 100

119 97.0 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.800 ug/L

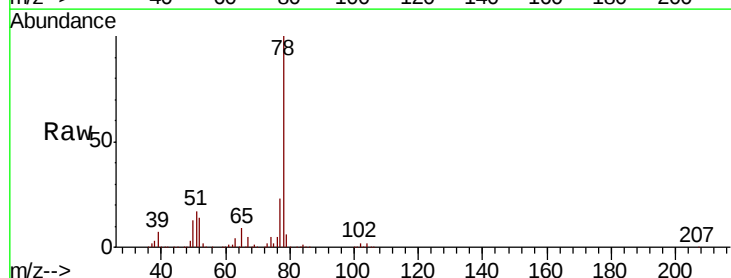
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

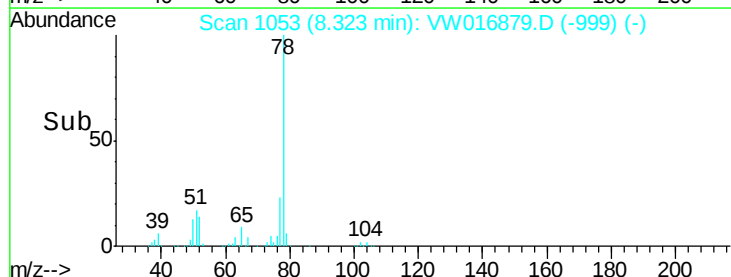
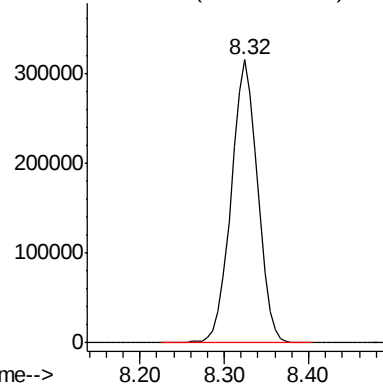
Lab File: VW016879.D

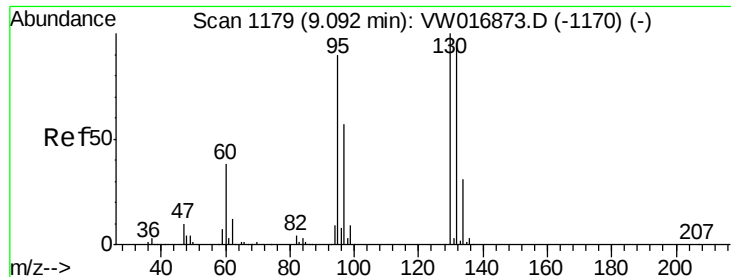
Acq: 12 Oct 2020 13:35

Tgt Ion: 78 Resp: 678749



Abundance Ion 78.00 (77.70 to 78.70): VW

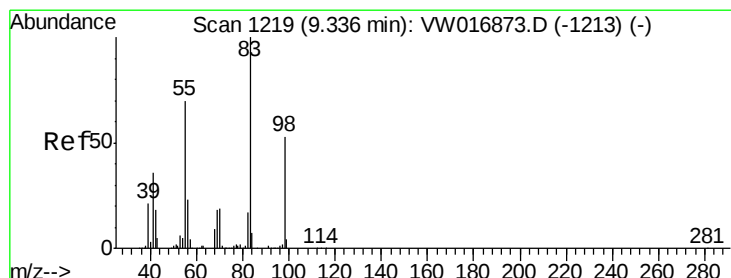
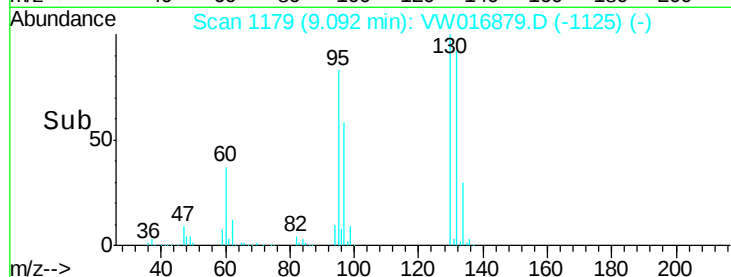
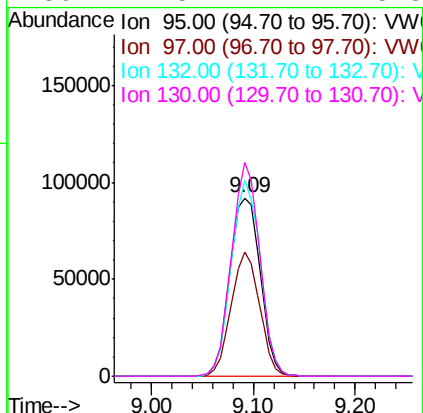
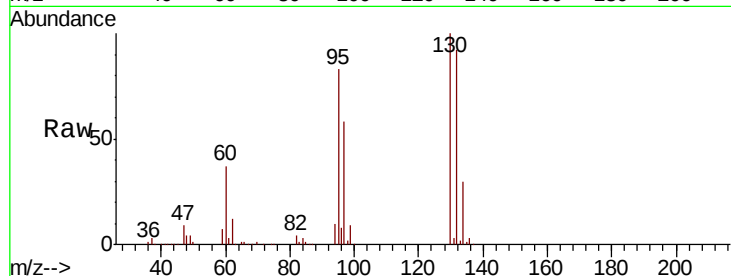




#35
 Trichloroethene
 Concen: 24.547 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

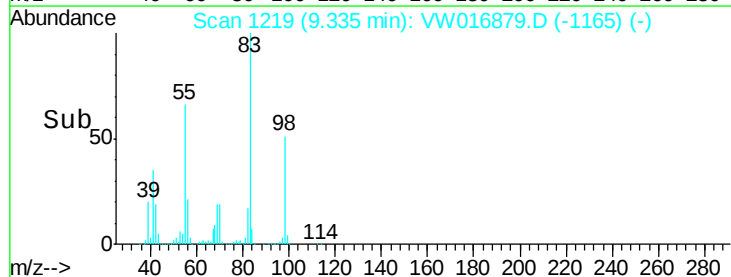
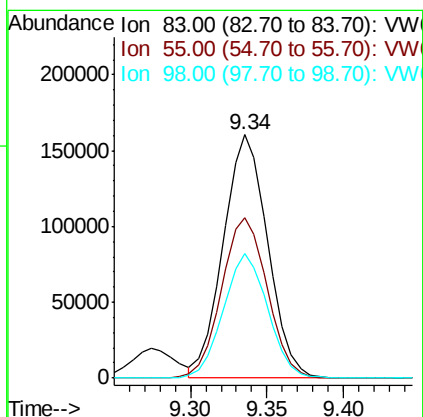
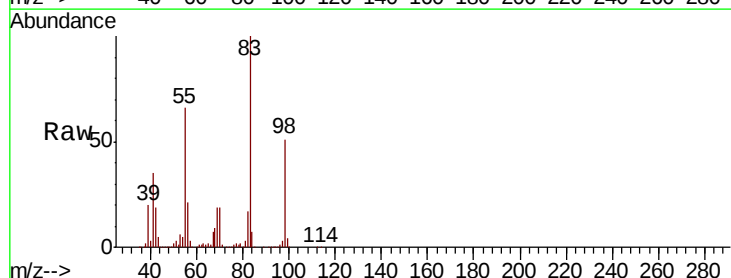
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

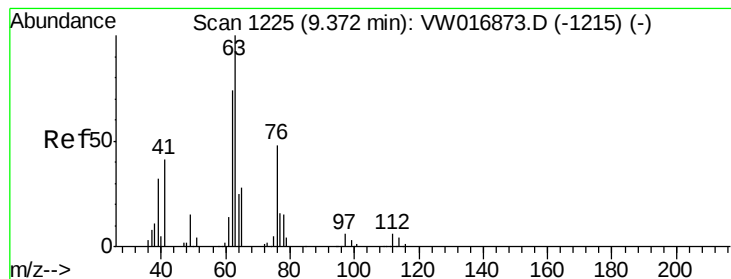
Tot Ion	95	Resp	190032
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.7	83.1
132	105.1	73.8	137.2
130	111.5	77.1	143.3



#36
 Methylcyclohexane
 Concen: 24.739 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion	83	Resp	322020
Ion	Ratio	Lower	Upper
83	100		
55	67.7	54.2	81.4
98	51.3	41.4	62.2





#40

1,2-Dichloropropane

Concen: 25.302 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

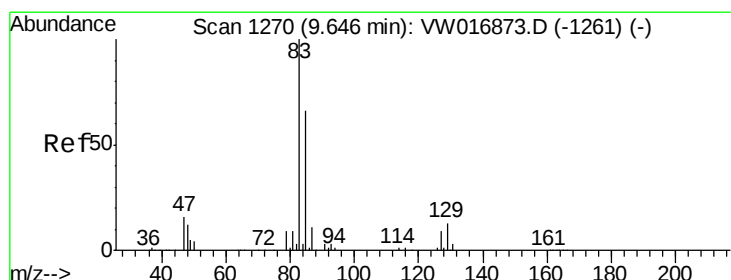
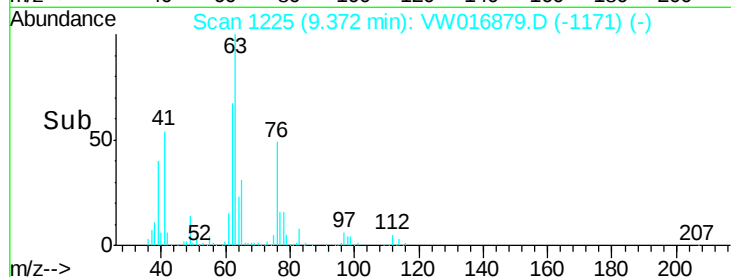
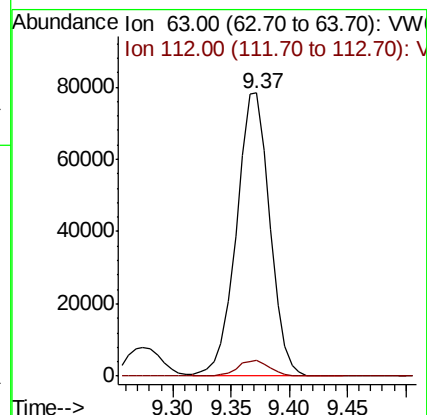
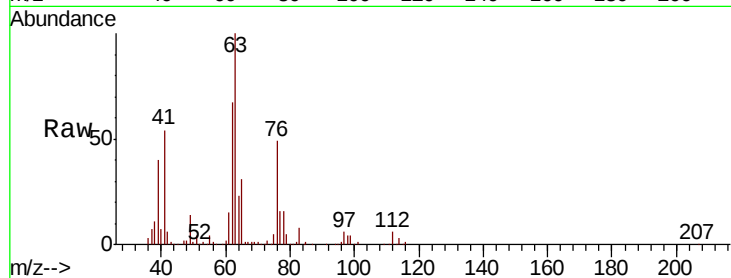
VSTD02526

Tot Ion: 63 Resp: 156588

Ion Ratio Lower Upper

63 100

112 5.5 4.5 6.7



#41

Bromodichloromethane

Concen: 25.032 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

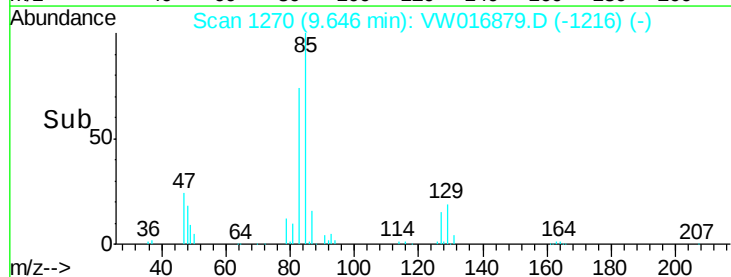
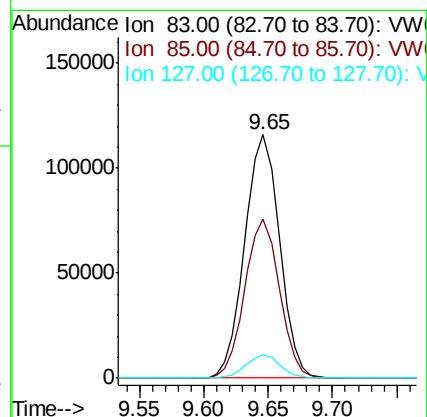
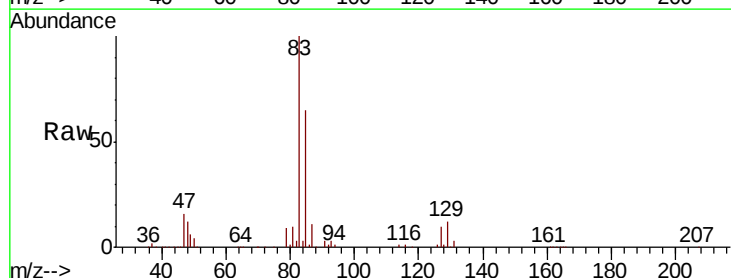
Tgt Ion: 83 Resp: 217629

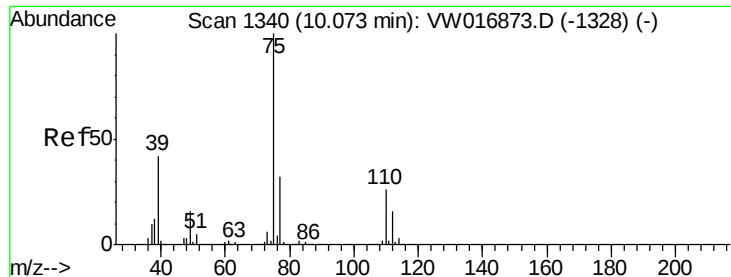
Ion Ratio Lower Upper

83 100

85 65.4 46.2 85.8

127 9.6 7.5 11.3

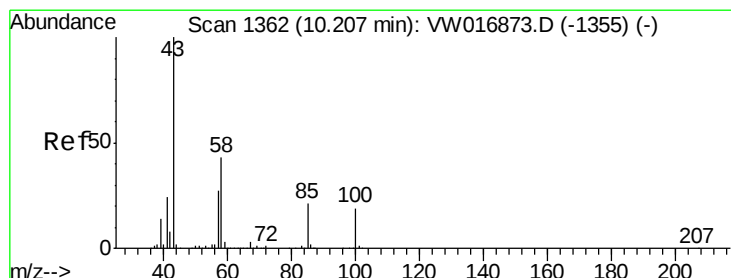
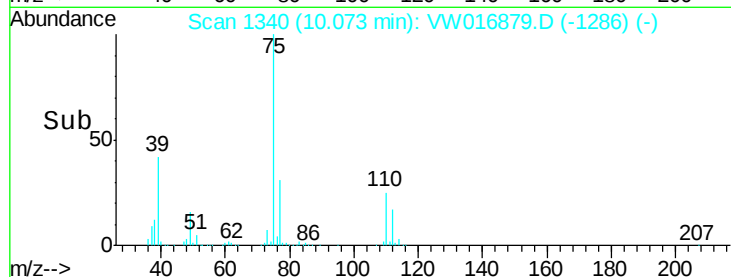
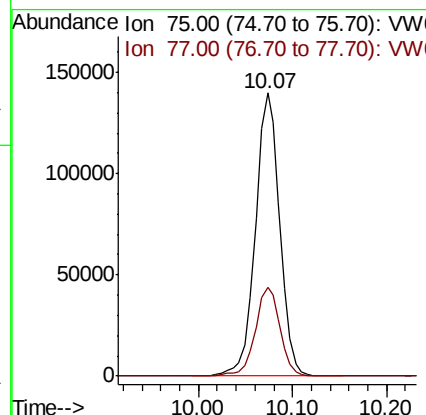
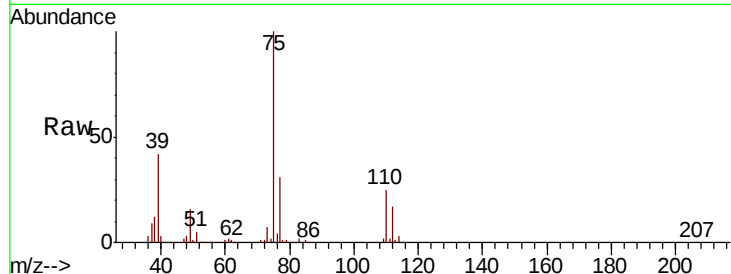




#42
 cis-1,3-Dichloropropene
 Concen: 25.759 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

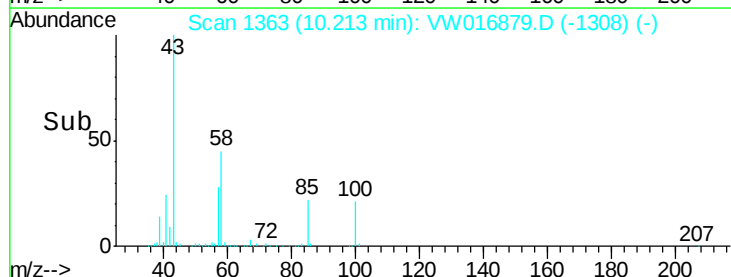
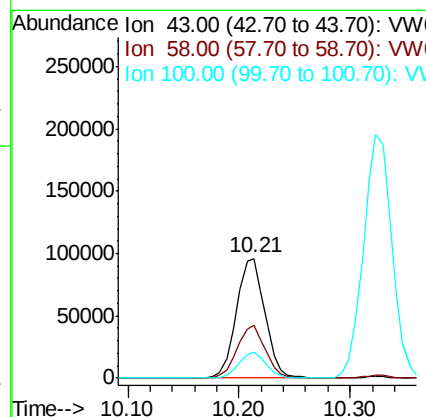
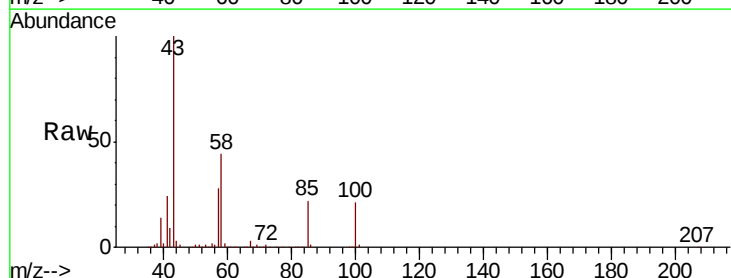
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02526

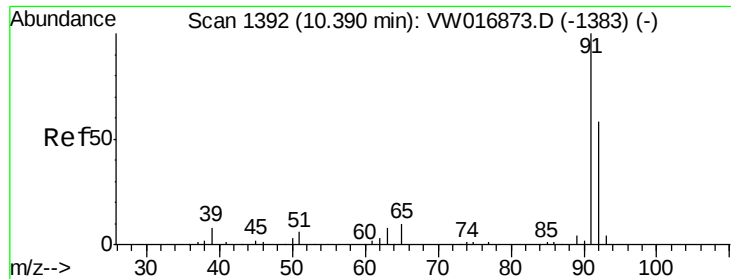
Tot Ion: 75 Resp: 254163
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.1 41.1



#43
 4-Methyl-2-pentanone
 Concen: 54.588 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion: 43 Resp: 170075
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.7 52.1
 100 20.7 16.9 25.3





#44

Toluene

Concen: 25.074 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

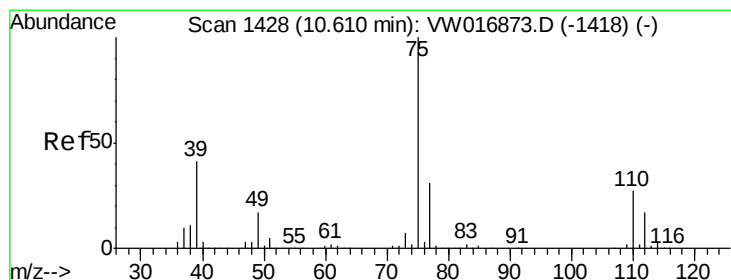
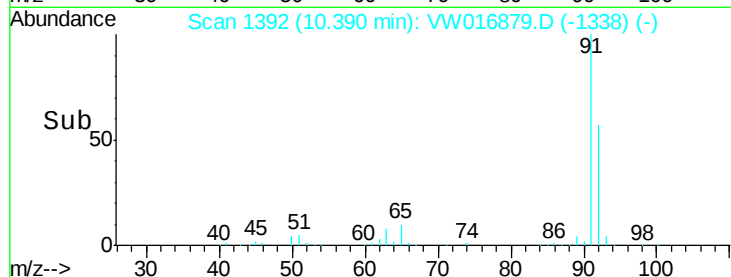
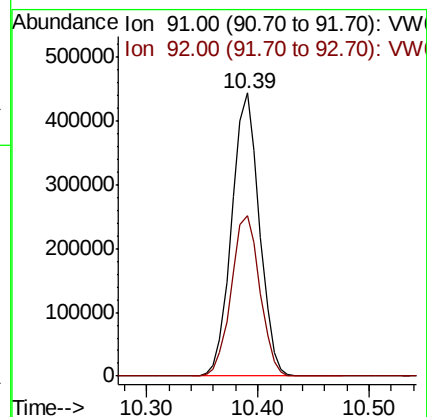
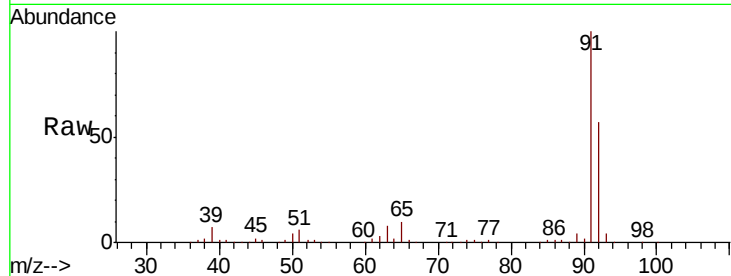
VSTD02526

Tot Ion: 91 Resp: 761288

Ion Ratio Lower Upper

91 100

92 56.5 39.4 73.2



#45

trans-1,3-Dichloropropene

Concen: 26.370 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016879.D

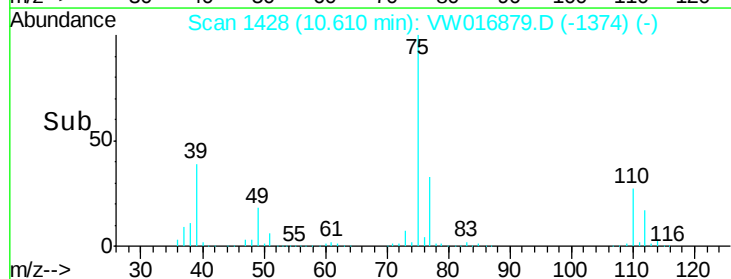
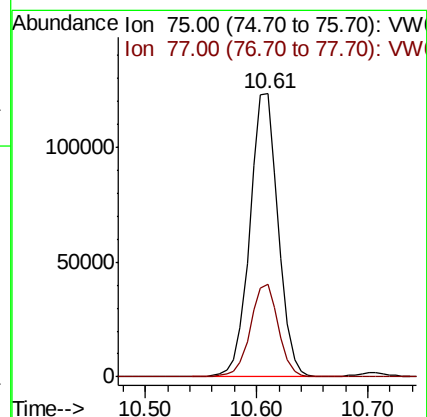
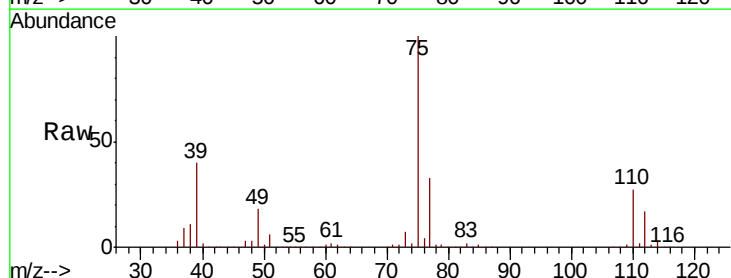
Acq: 12 Oct 2020 13:35

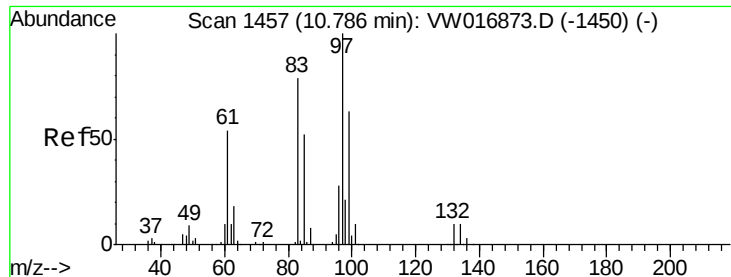
Tgt Ion: 75 Resp: 218952

Ion Ratio Lower Upper

75 100

77 32.9 22.2 41.2

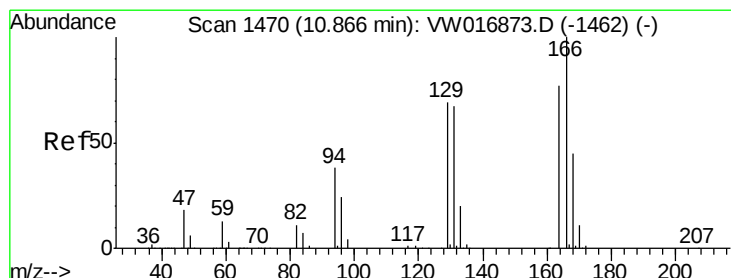
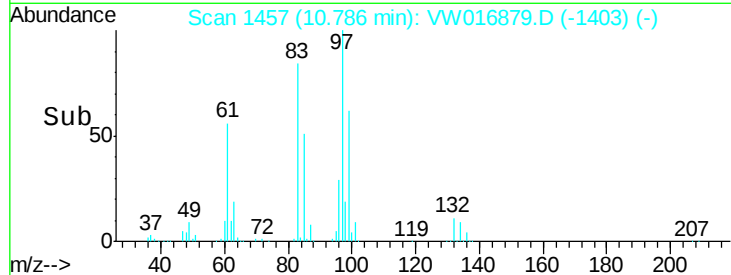
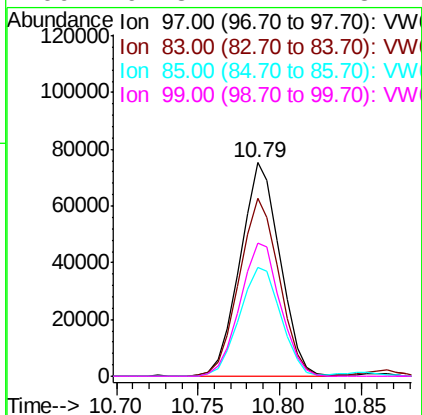
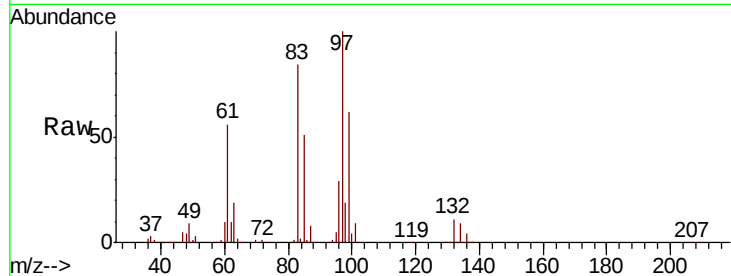




#46
 1,1,2-Trichloroethane
 Concen: 25.517 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

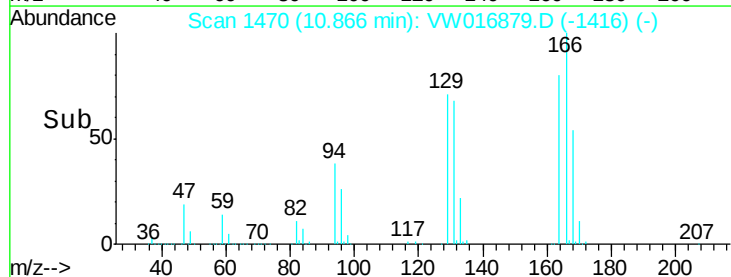
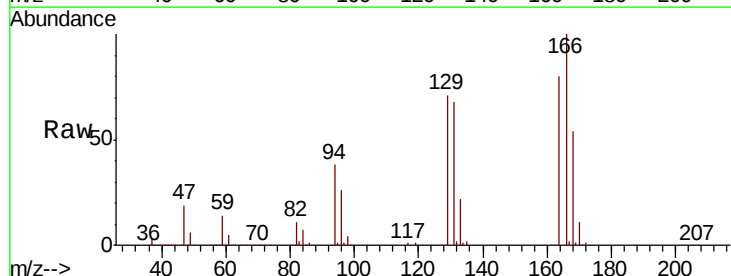
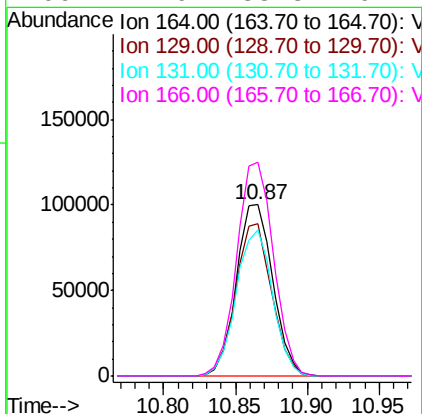
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

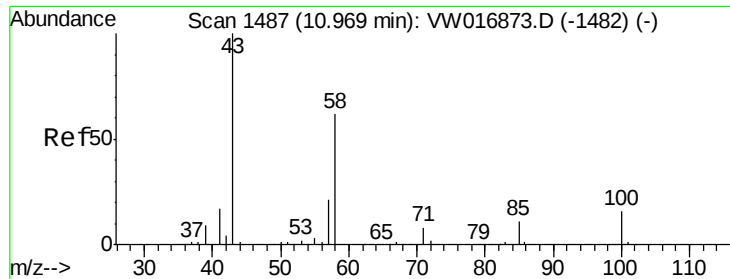
Tot Ion	97	Resp	128372
Ion	Ratio	Lower	Upper
97	100		
83	83.6	56.8	105.4
85	51.2	37.0	68.6
99	62.3	44.2	82.2



#47
 Tetrachloroethene
 Concen: 24.677 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion	164	Resp	177114
Ion	Ratio	Lower	Upper
164	100		
129	88.8	61.7	114.7
131	85.4	59.7	110.9
166	124.6	88.3	164.1





#49

2-Hexanone

Concen: 56.184 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

Tot Ion: 43 Resp: 115542

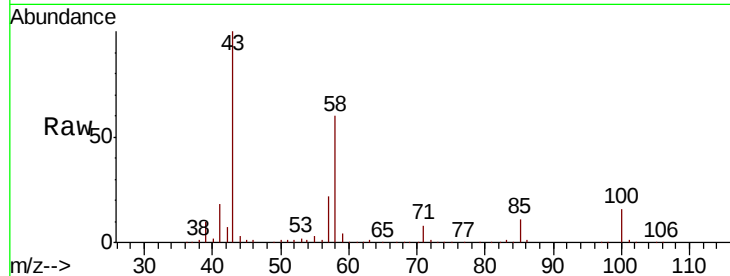
Ion Ratio Lower Upper

43 100

58 59.2 47.1 70.7

57 21.0 16.2 24.4

100 16.4 13.3 19.9

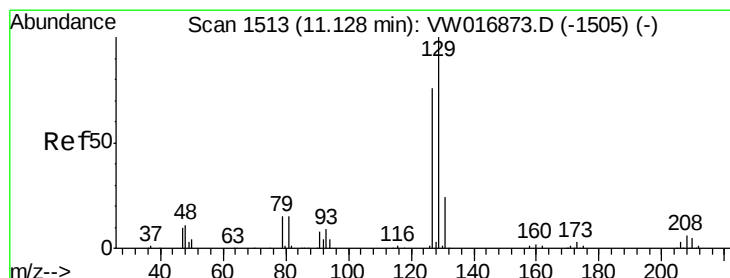
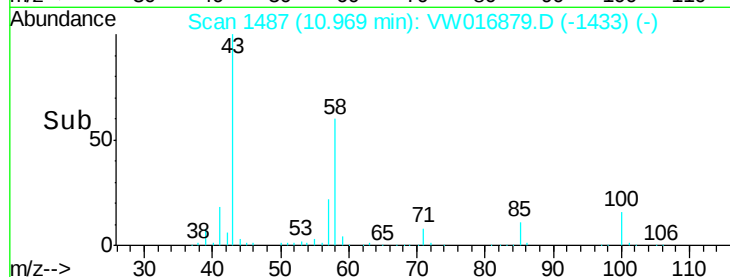
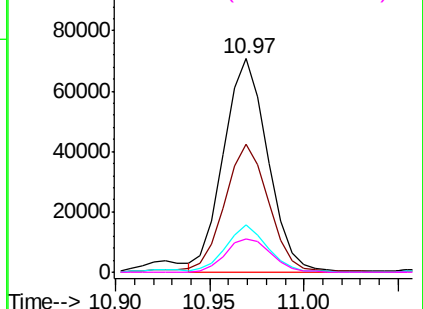


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 25.917 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW016879.D

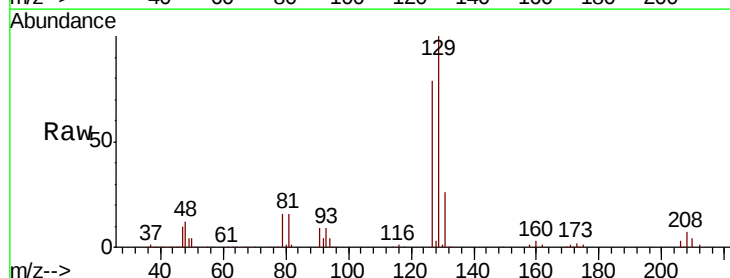
Acq: 12 Oct 2020 13:35

Tgt Ion: 129 Resp: 162092

Ion Ratio Lower Upper

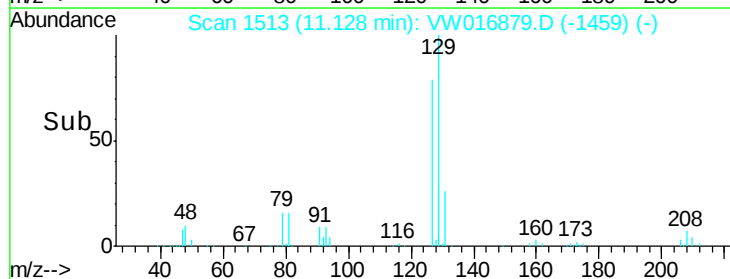
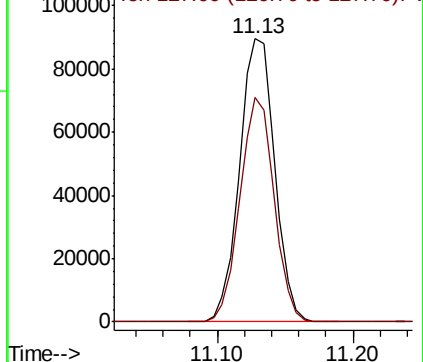
129 100

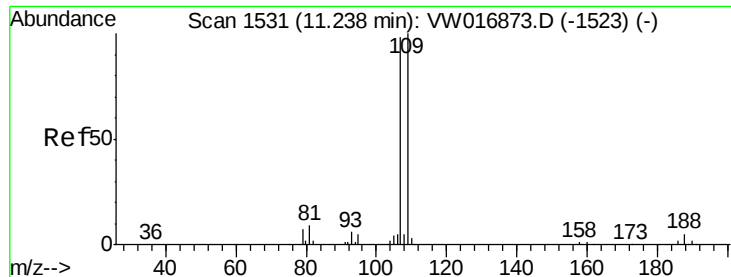
127 79.2 54.0 100.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

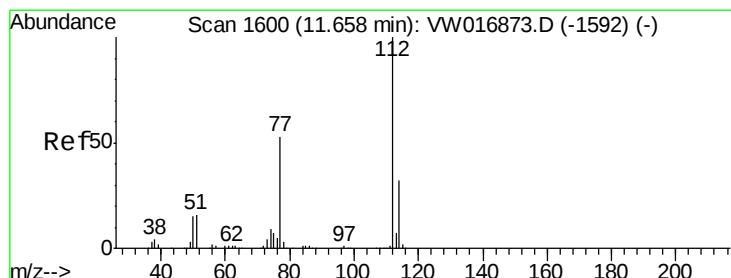
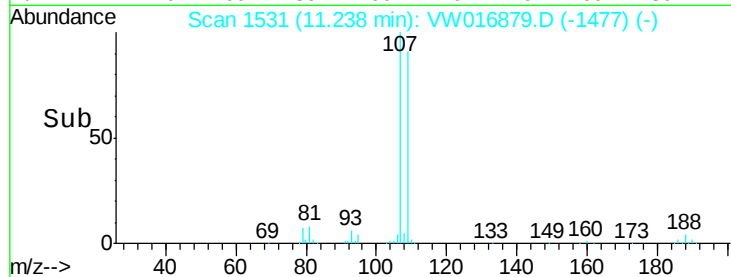
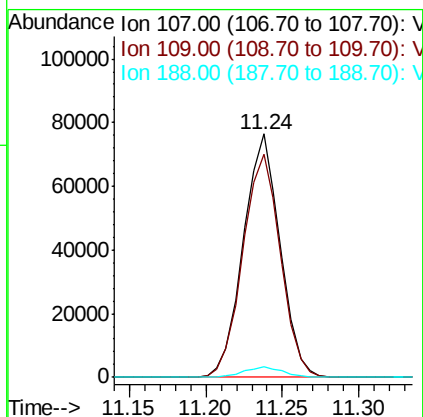
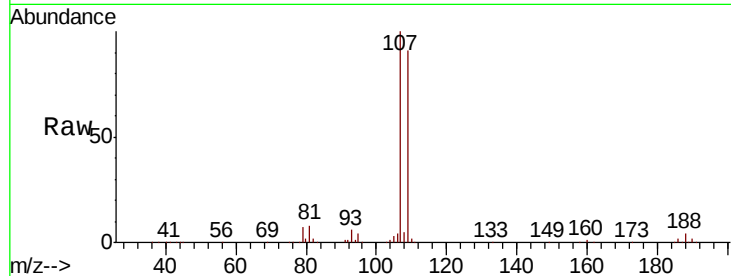




#51
1,2-Dibromoethane
Concen: 25.823 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

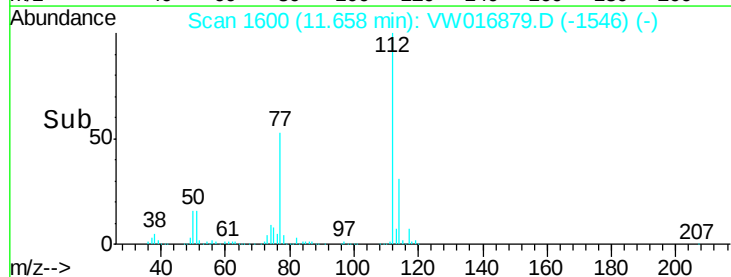
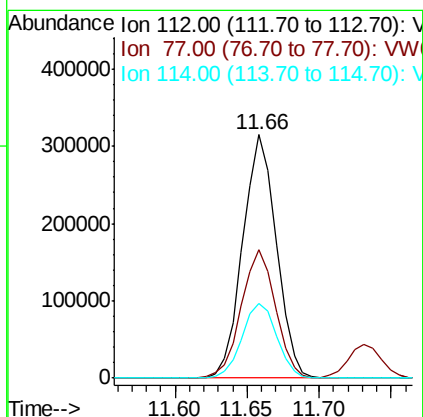
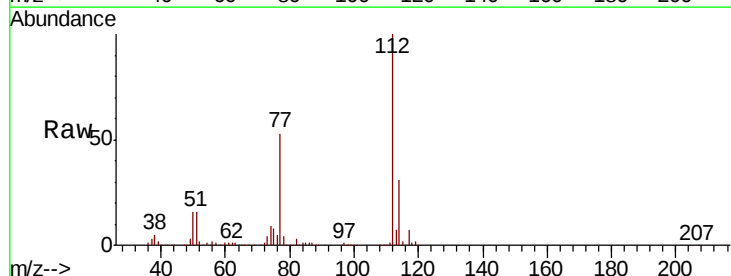
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

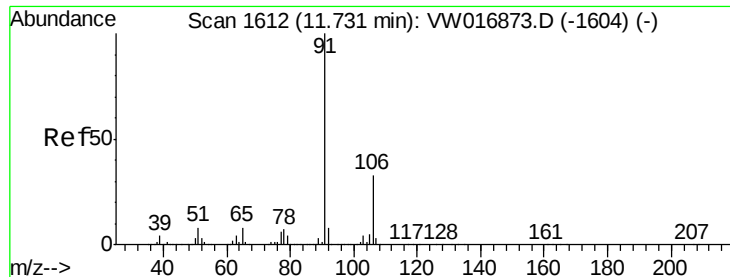
Tot Ion	Ratio	Lower	Upper
107	100		
109	91.4	68.4	127.0
188	4.2	3.4	5.0



#52
Chlorobenzene
Concen: 25.001 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
77	52.6	44.0	66.0
114	30.8	22.3	41.3

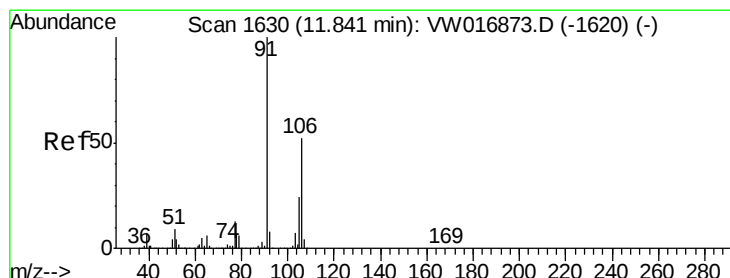
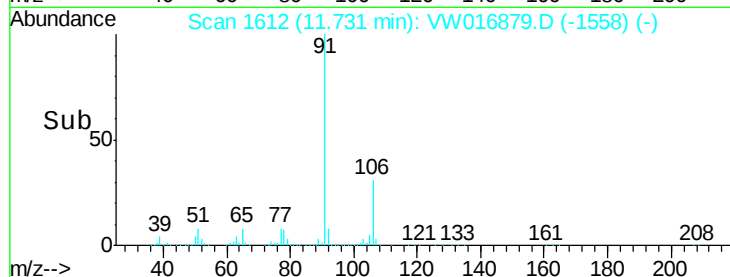
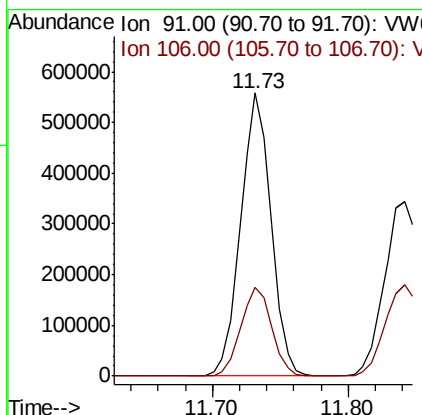
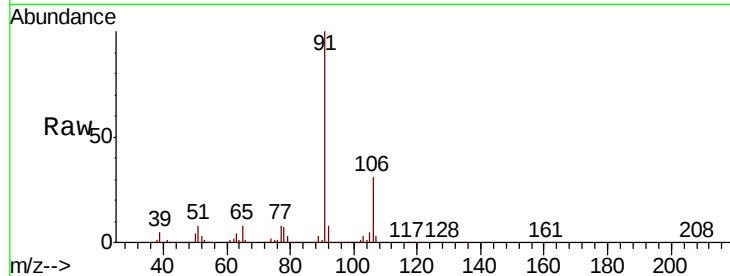




#53
Ethylbenzene
Concen: 25.472 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

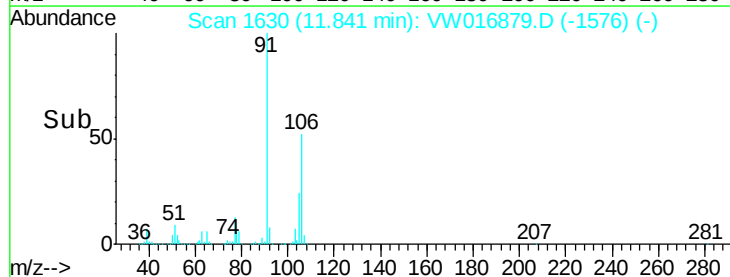
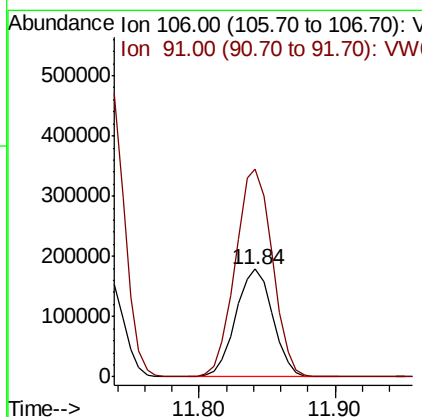
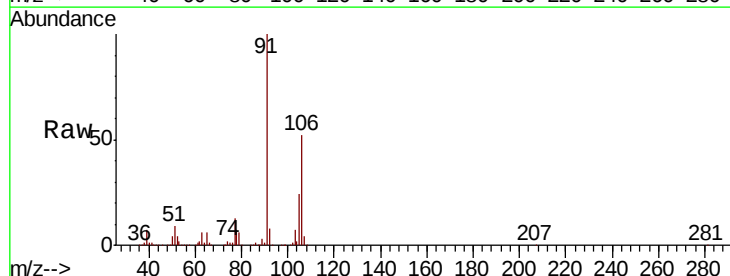
Instrument :
MSVOA_W
ClientSampleId :
VSTD02526

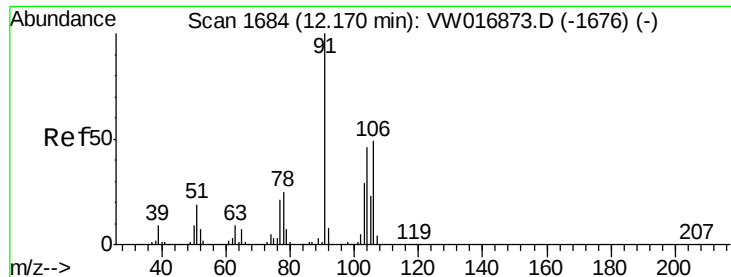
Tot Ion: 91 Resp: 867547
Ion Ratio Lower Upper
91 100
106 31.4 22.8 42.4



#54
m,p-Xylene
Concen: 25.436 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016879.D
Acq: 12 Oct 2020 13:35

Tgt Ion: 106 Resp: 336932
Ion Ratio Lower Upper
106 100
91 192.7 135.6 251.8





#55

o-xylene

Concen: 25.363 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

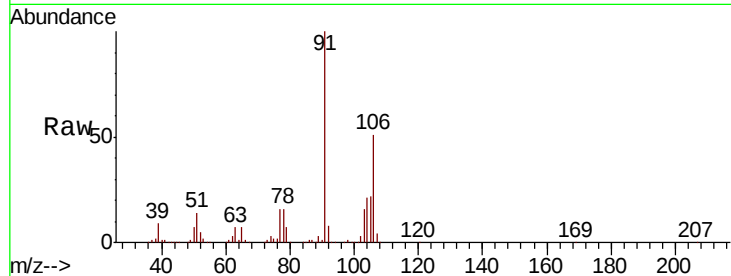
VSTD02526

Tot Ion:106 Resp: 321001

Ion Ratio Lower Upper

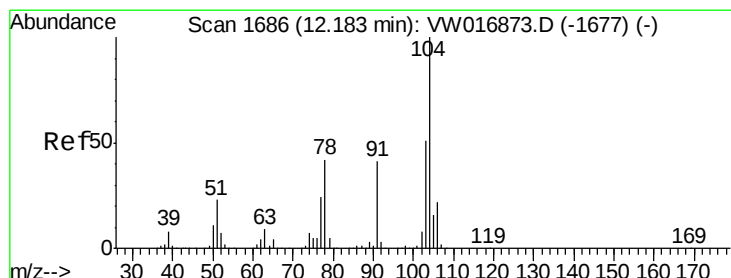
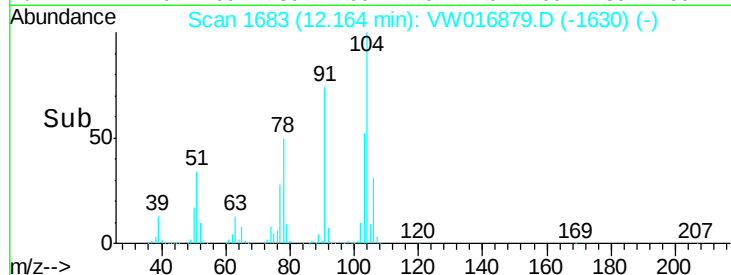
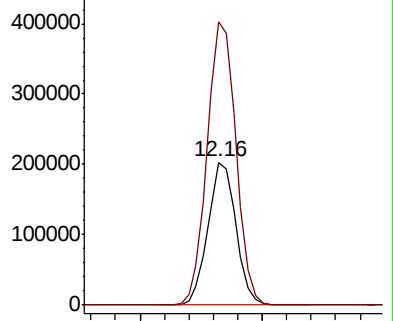
106 100

91 197.9 142.6 264.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 25.782 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW016879.D

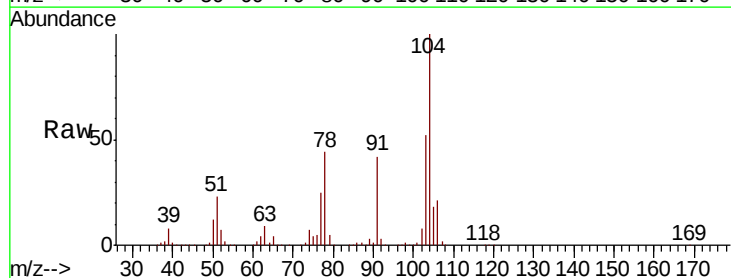
Acq: 12 Oct 2020 13:35

Tgt Ion:104 Resp: 538458

Ion Ratio Lower Upper

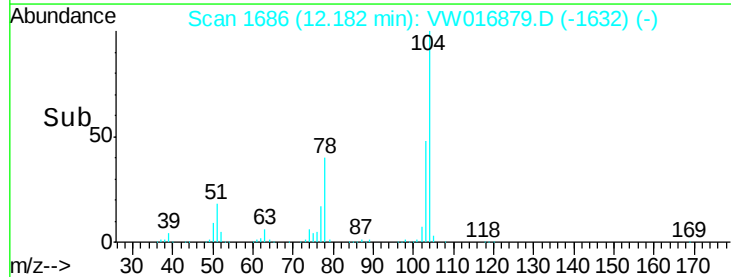
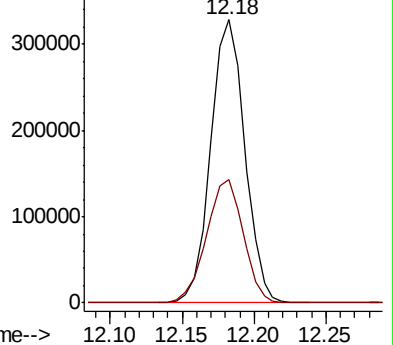
104 100

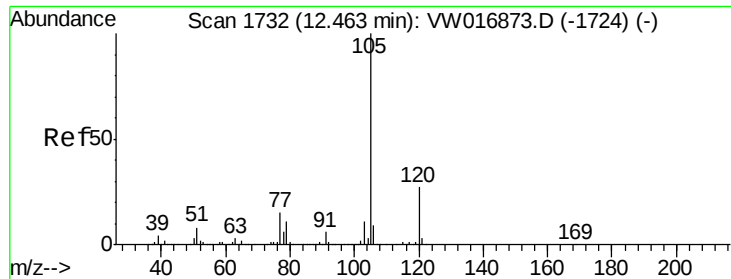
78 43.8 30.7 57.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 25.604 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

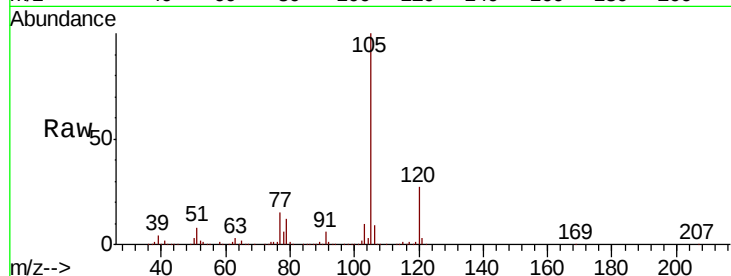
Tot Ion:105 Resp: 887349

Ion Ratio Lower Upper

105 100

120 27.3 21.5 32.3

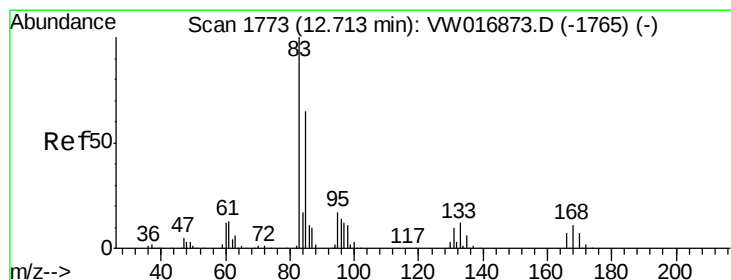
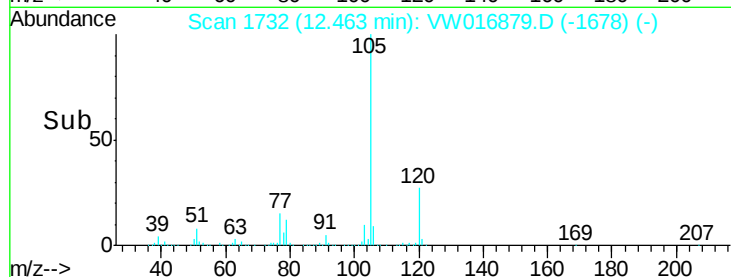
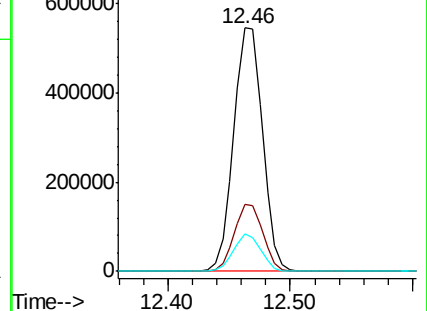
77 14.5 11.4 17.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 26.212 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

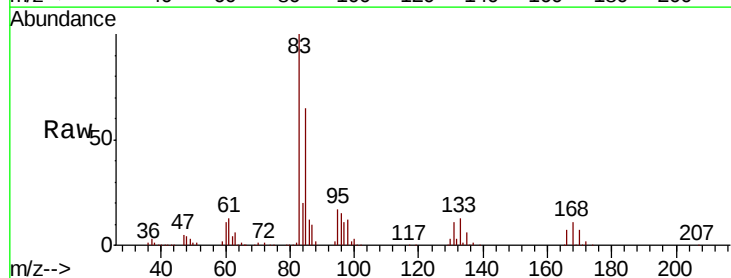
Tgt Ion: 83 Resp: 145736

Ion Ratio Lower Upper

83 100

85 64.9 43.3 80.5

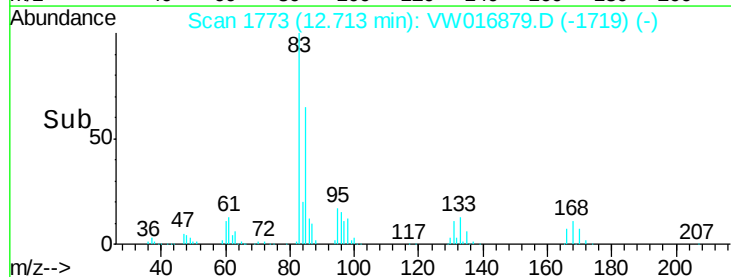
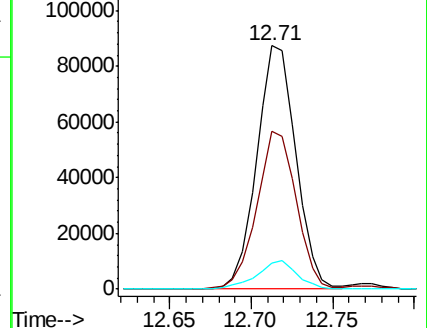
131 10.7 9.0 13.4

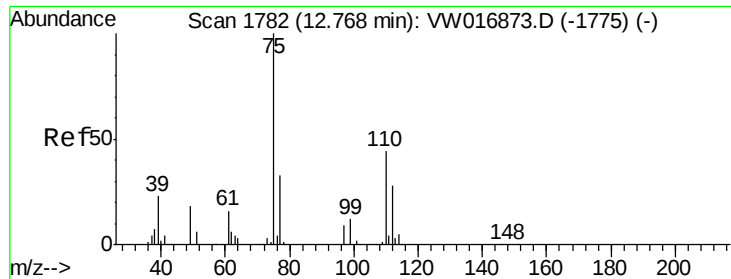


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.785 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

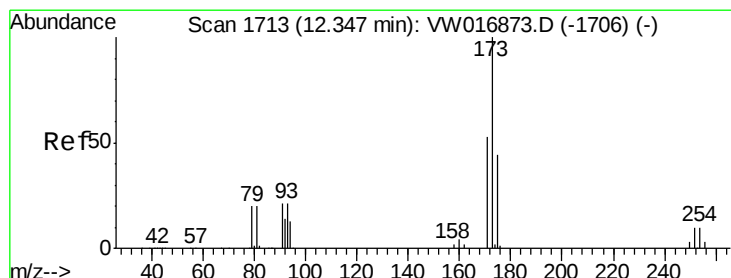
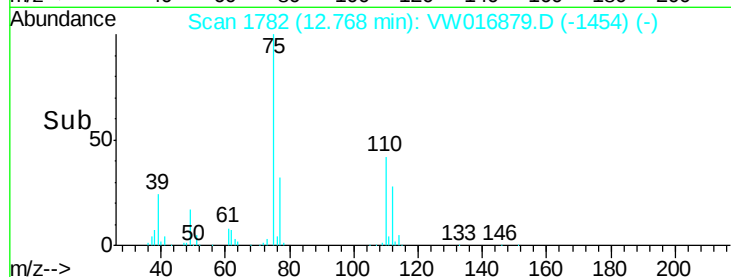
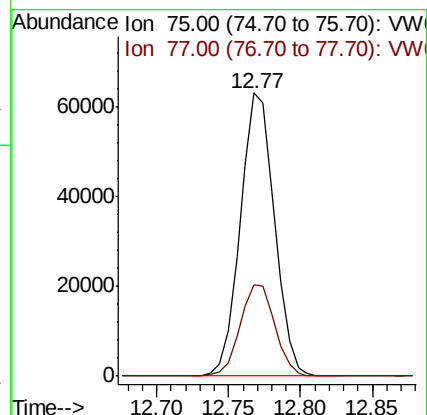
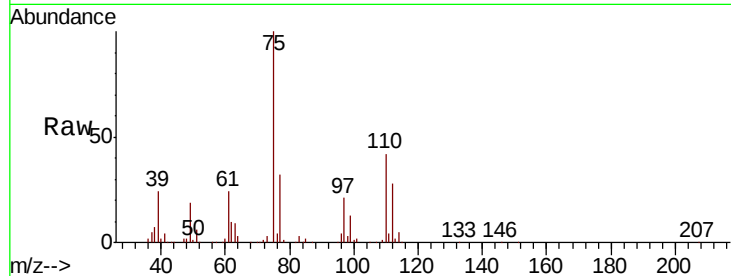
VSTD02526

Tot Ion: 75 Resp: 103856

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2



#62

Bromoform

Concen: 26.910 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

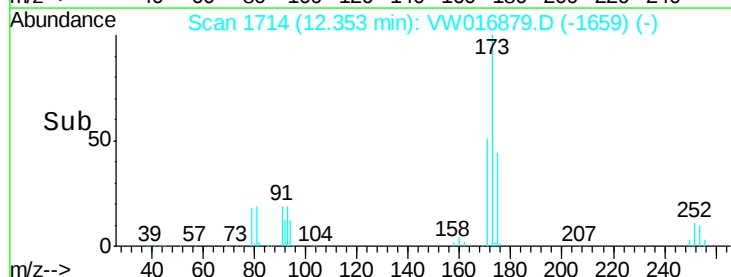
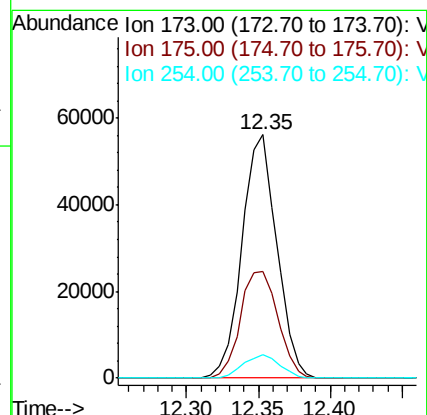
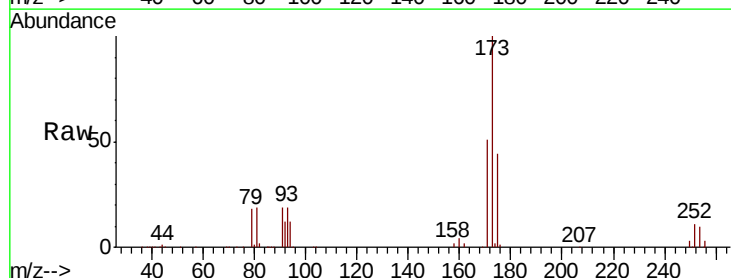
Tgt Ion: 173 Resp: 94007

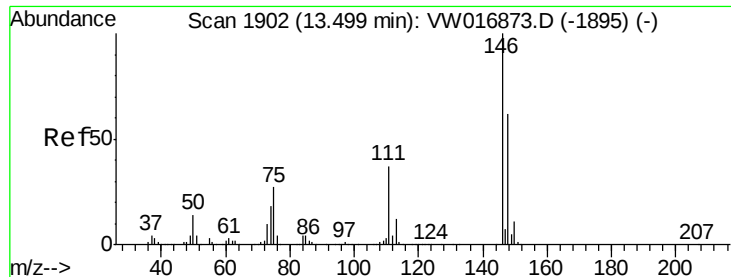
Ion Ratio Lower Upper

173 100

175 47.5 39.9 59.9

254 10.2 8.7 13.1

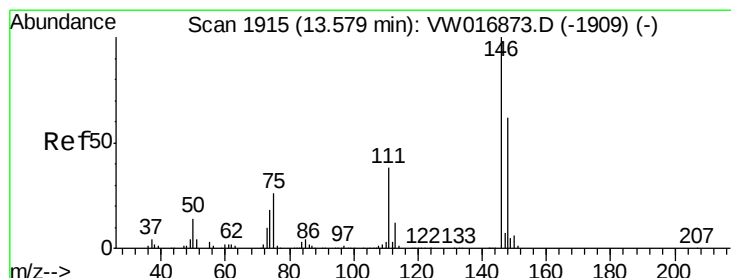
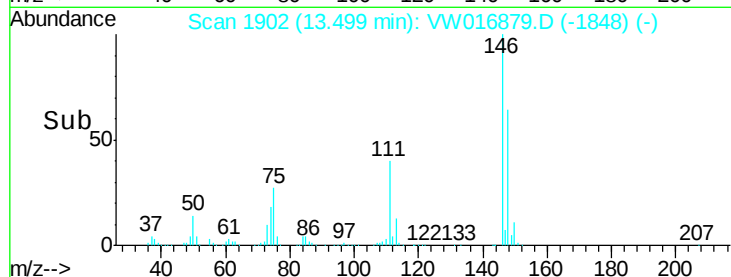
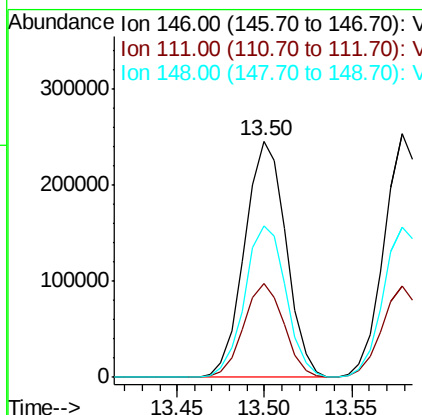
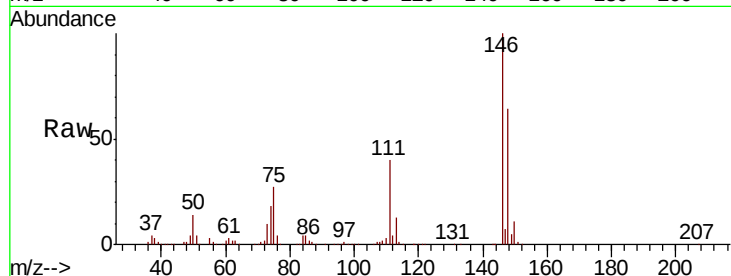




#63
 1,3-Dichlorobenzene
 Concen: 25.816 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

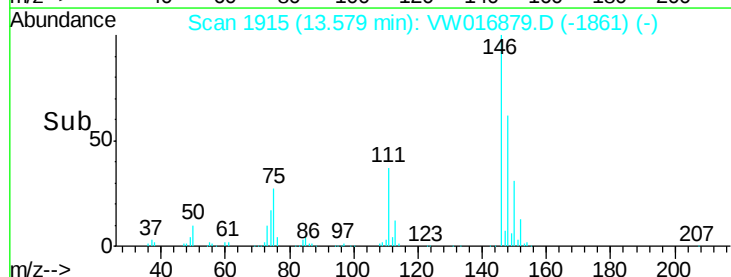
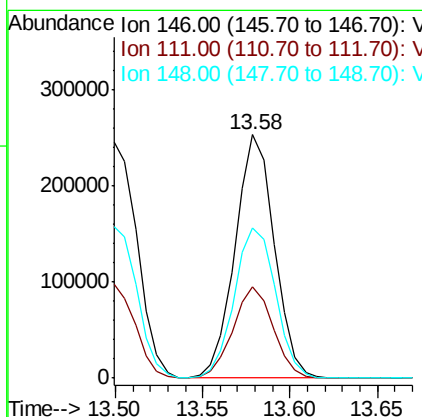
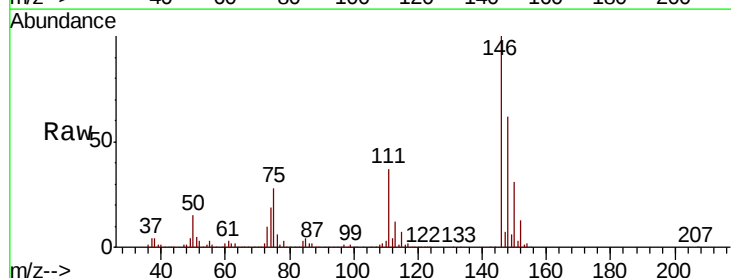
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

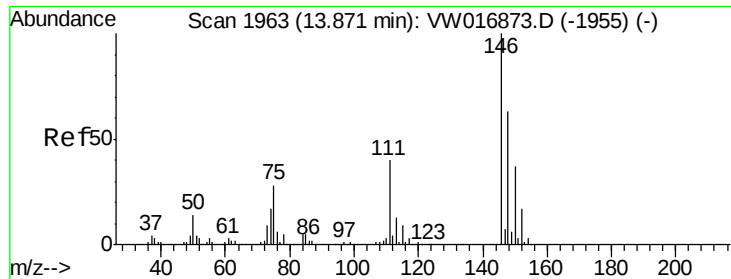
Tot Ion:146 Resp: 408018
 Ion Ratio Lower Upper
 146 100
 111 39.7 26.9 49.9
 148 64.1 45.7 84.9



#64
 1,4-Dichlorobenzene
 Concen: 25.158 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion:146 Resp: 397656
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.0 48.4
 148 61.6 43.9 81.5

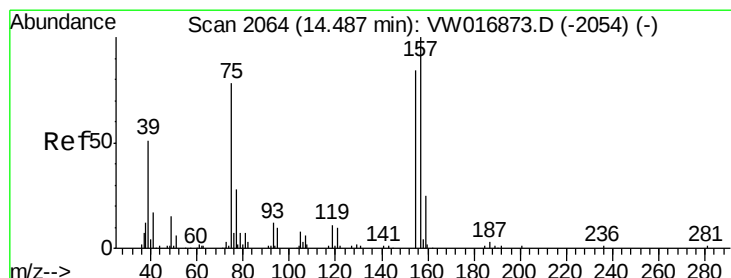
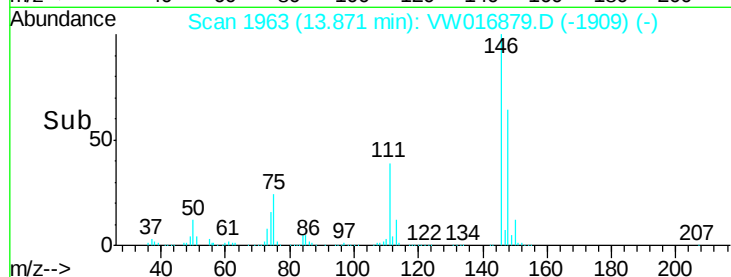
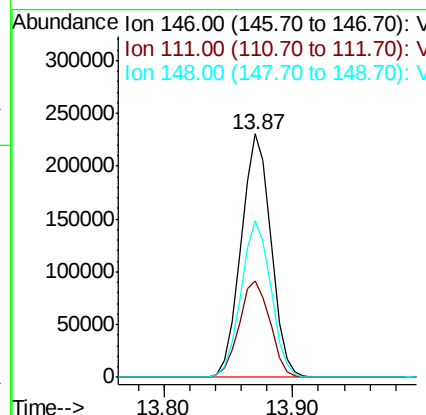
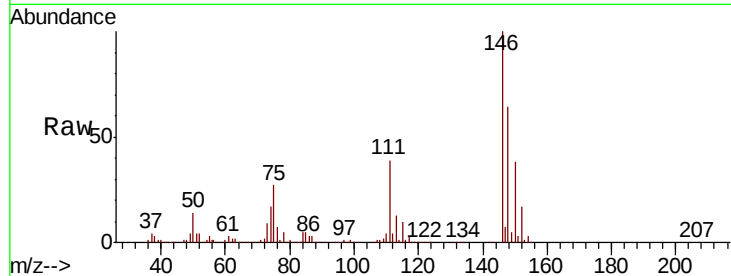




#65
 1,2-Dichlorobenzene
 Concen: 26.104 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

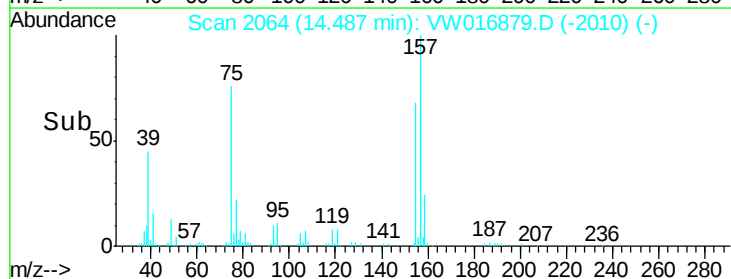
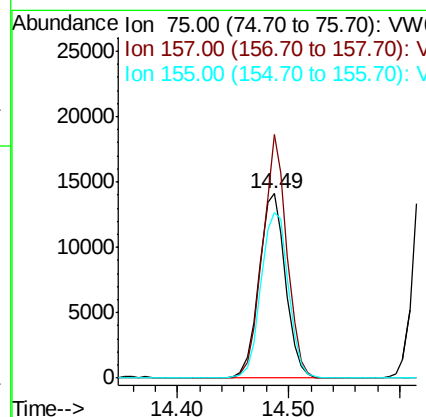
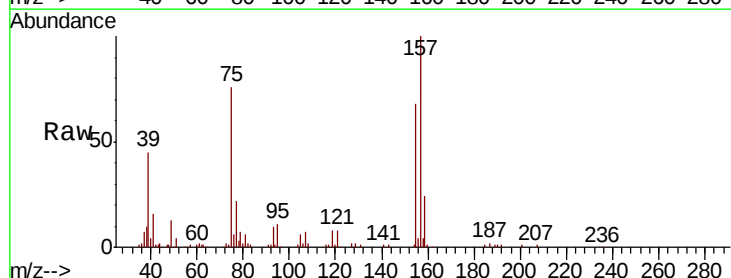
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

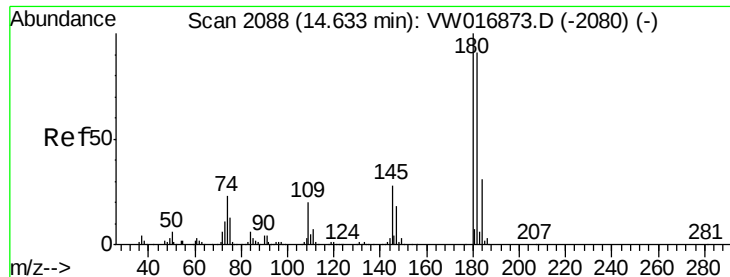
Tot Ion:146 Resp: 369389
 Ion Ratio Lower Upper
 146 100
 111 39.5 32.1 48.1
 148 64.2 51.8 77.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 27.205 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion: 75 Resp: 23352
 Ion Ratio Lower Upper
 75 100
 157 132.2 100.5 150.7
 155 89.8 74.7 112.1

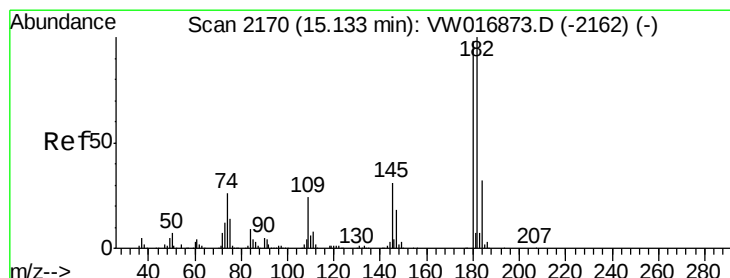
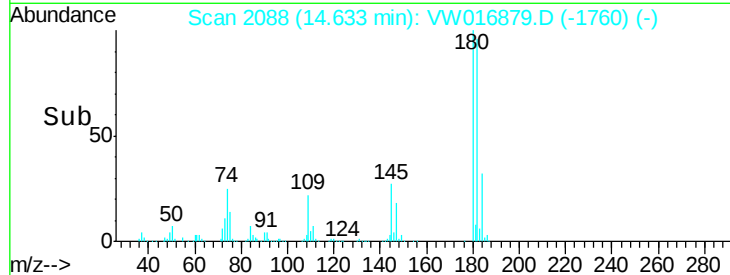
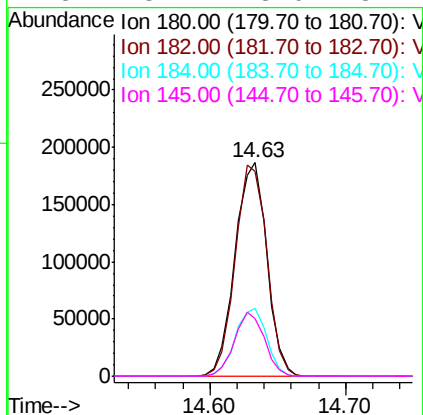
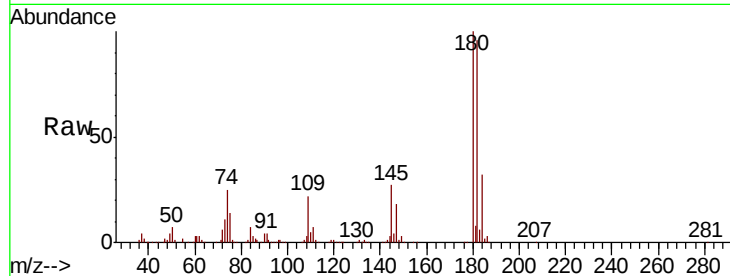




#67
 1,3,5-Trichlorobenzene
 Concen: 25.885 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

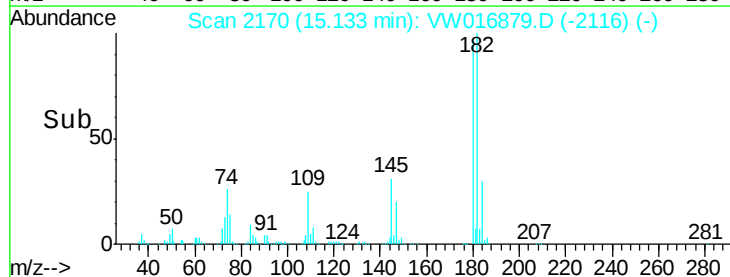
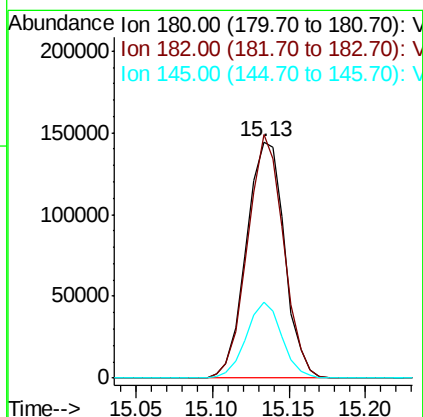
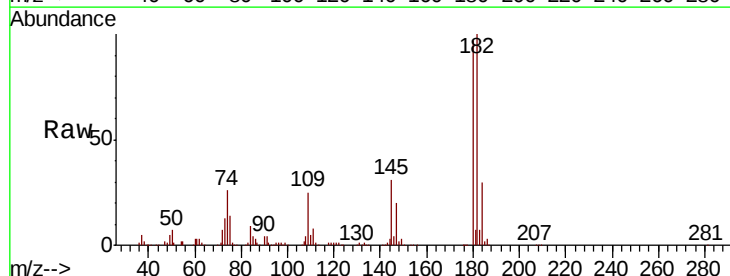
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

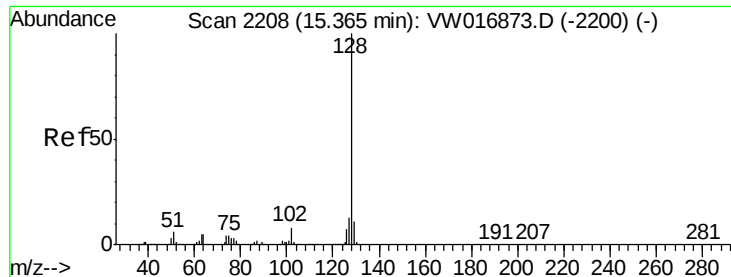
Tot Ion:180	Resp:	304098
Ion	Ratio	Lower Upper
180	100	
182	98.6	79.0 118.6
184	31.3	24.9 37.3
145	28.4	23.0 34.4



#68
 1,2,4-trichlorobenzene
 Concen: 26.010 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016879.D
 Acq: 12 Oct 2020 13:35

Tgt Ion:180	Resp:	250976
Ion	Ratio	Lower Upper
180	100	
182	97.4	74.2 111.2
145	30.1	23.4 35.0





#69

Naphthalene

Concen: 28.093 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD02526

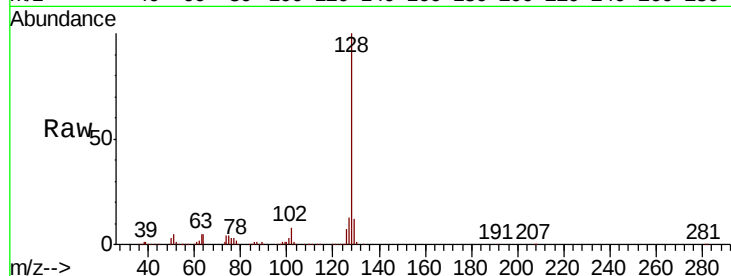
Tot Ion:128 Resp: 448883

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

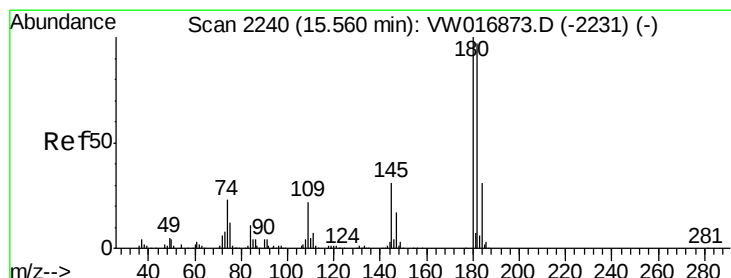
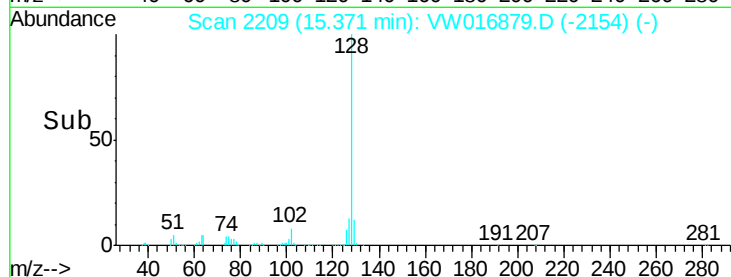
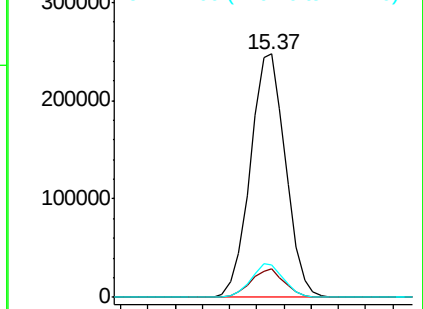
127 12.9 10.1 15.1



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: 26.799 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016879.D

Acq: 12 Oct 2020 13:35

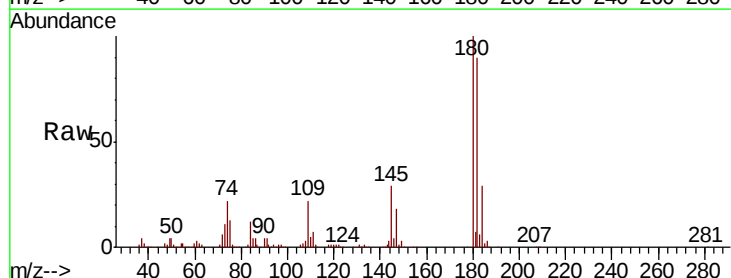
Tgt Ion:180 Resp: 222206

Ion Ratio Lower Upper

180 100

182 95.6 74.1 111.1

145 31.1 24.8 37.2



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

