

Data File : VW016785.D
Acq On : 06 Oct 2020 07:35
Operator : SY/VA
Sample : VSTD02503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

Quant Time: Oct 06 08:05:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 06 06:35:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	606832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	554684	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	274638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131917	20.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	111915	22.70	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.03	63	286128	22.09	ug/L	0.00
21) 2-Butanone-d5	7.08	46	54101	42.84	ug/L	0.00
24) Chloroform-d	7.65	84	280232	22.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	131438	21.73	ug/L	0.00
32) Benzene-d6	8.27	84	549691	21.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	145922	21.16	ug/L	0.00
41) Toluene-d8	10.33	98	526149	21.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	64749	21.22	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	45923	45.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	110578	21.18	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.86	152	194139	22.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	185317	24.205	ug/L	95
3) Chloromethane	2.22	50	159107	25.535	ug/L	99
5) Vinyl chloride	2.37	62	206276	23.494	ug/L	99
6) Bromomethane	2.78	94	148307	24.573	ug/L	99
8) Chloroethane	2.93	64	127628	25.066	ug/L	100
9) Trichlorofluoromethane	3.26	101	149677	20.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	202232	25.310	ug/L	97
12) 1,1-Dichloroethene	4.05	96	193219	24.298	ug/L	94
13) Acetone	4.12	43	45605	49.050	ug/L	99
14) Carbon disulfide	4.39	76	558128	22.963	ug/L	98
15) Methyl Acetate	4.67	43	58388	25.017	ug/L	98
16) Methylene chloride	4.92	84	187586	20.960	ug/L	99
17) trans-1,2-Dichloroethene	5.43	96	201495	24.478	ug/L	94
18) Methyl tert-butyl Ether	5.43	73	209180	23.430	ug/L	99
19) 1,1-Dichloroethane	6.22	63	313149	24.471	ug/L	100
20) cis-1,2-Dichloroethene	7.17	96	206905	24.522	ug/L	99
22) 2-Butanone	7.17	43	75108	47.050	ug/L	99
23) Bromochloromethane	7.51	128	95499	24.091	ug/L	98
25) Chloroform	7.68	83	336149	24.482	ug/L	99
27) 1,2-Dichloroethane	8.40	62	197502	24.352	ug/L	99
29) Cyclohexane	7.96	56	288289	24.573	ug/L	98
30) 1,1,1-Trichloroethane	7.88	97	289532	24.013	ug/L	100
31) Carbon tetrachloride	8.07	117	284580	23.900	ug/L	97
33) Benzene	8.33	78	742110	24.562	ug/L	100
34) Trichloroethene	9.09	95	208796	24.520	ug/L	95
35) Methylcyclohexane	9.34	83	356664	24.714	ug/L	99
37) 1,2-Dichloropropane	9.37	63	165257	24.111	ug/L	99
38) Bromodichloromethane	9.65	83	231607	24.095	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	266167	24.173	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	163301	48.678	ug/L	100

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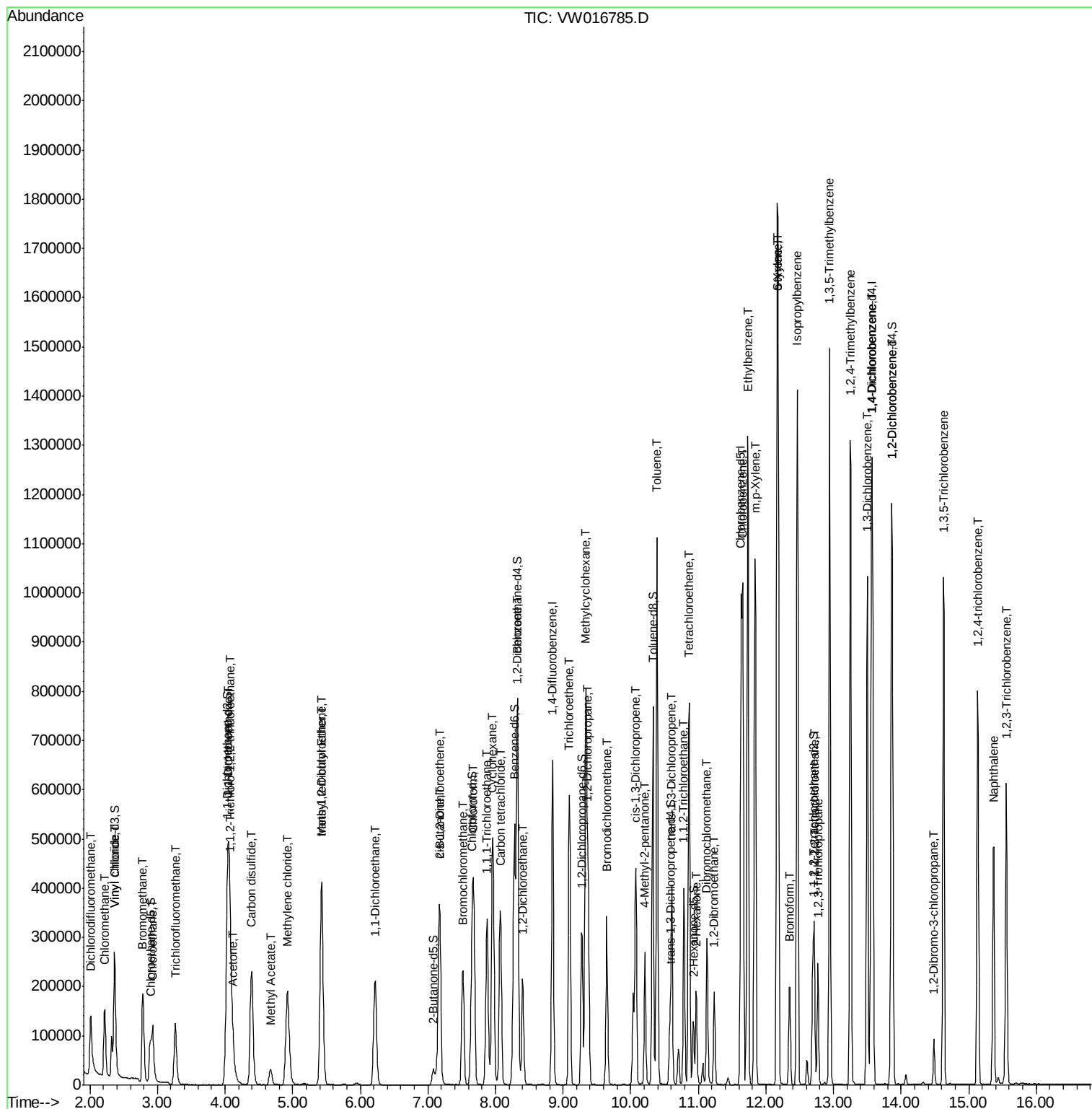
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.39	91	834032	24.774	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	227469	24.325	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	132159	24.078	ug/L	99
46) Tetrachloroethene	10.87	164	193332	24.800	ug/L	90
48) 2-Hexanone	10.97	43	110309	50.040	ug/L	98
49) Dibromochloromethane	11.13	129	168132	24.095	ug/L	96
50) 1,2-Dibromoethane	11.24	107	129612	24.136	ug/L	95
51) Chlorobenzene	11.66	112	541022	24.222	ug/L	98
52) Ethylbenzene	11.73	91	925502	24.621	ug/L	99
53) m,p-Xylene	11.84	106	364705	24.748	ug/L	95
54) o-Xylene	12.17	106	346351	24.928	ug/L	92
55) Styrene	12.18	104	578569	25.073	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.72	83	143031	24.223	ug/L	99
59) Bromoform	12.35	173	97380	24.708	ug/L	97
60) Isopropylbenzene	12.46	105	959411	25.463	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	103175	24.060	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	789754	25.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	736952	25.680	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	448998	25.564	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	439962	25.267	ug/L	95
67) 1,2-Dichlorobenzene	13.87	146	379613	24.560	ug/L	95
68) 1,2-Dibromo-3-chloropropan	14.49	75	22736	24.732	ug/L	99
69) 1,3,5-Trichlorobenzene	14.63	180	339404	26.384	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	278635	27.440	ug/L	100
71) Naphthalene	15.37	128	448846	27.500	ug/L	100
72) 1,2,3-Trichlorobenzene	15.56	180	232244	27.090	ug/L	98

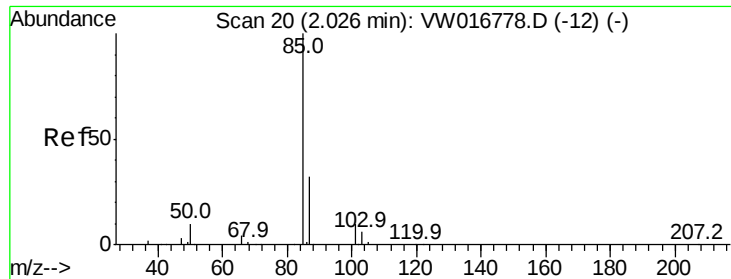
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.205 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

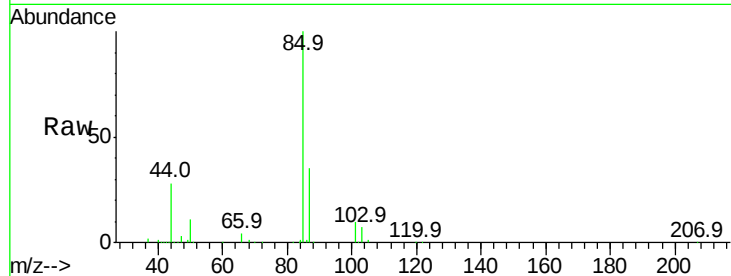
VSTD025103

Tgt Ion: 85 Resp: 185317

Ion Ratio Lower Upper

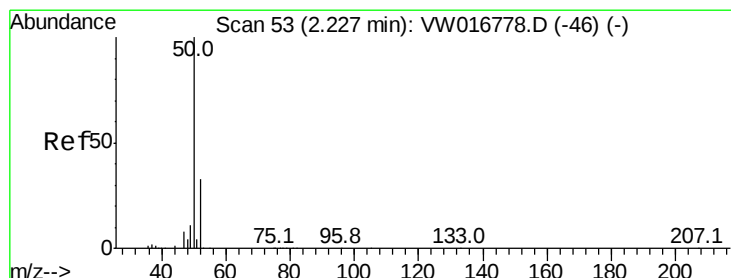
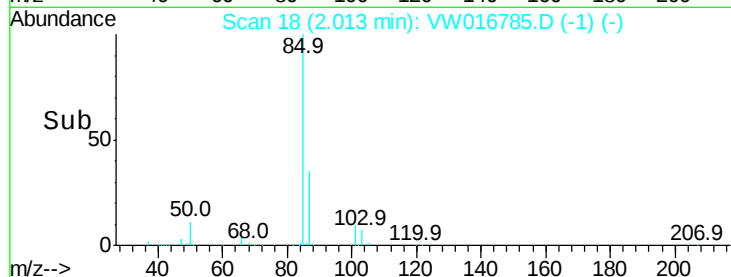
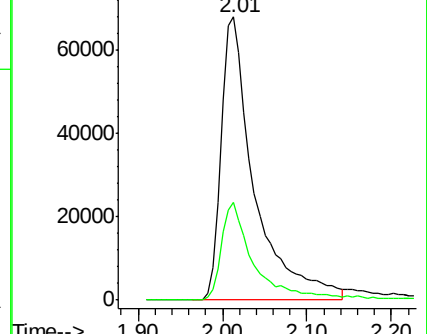
85 100

87 33.3 24.5 36.7



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 25.535 ug/L

RT: 2.22 min Scan# 52

Delta R.T. -0.01 min

Lab File: VW016785.D

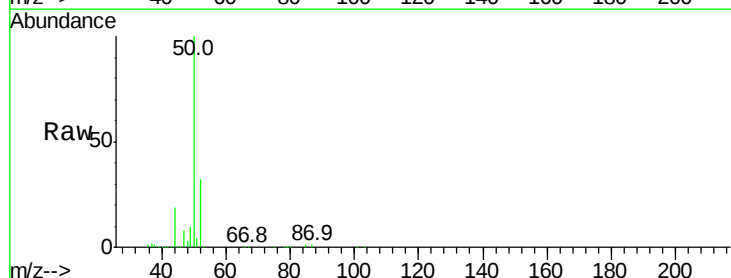
Acq: 06 Oct 2020 07:35

Tgt Ion: 50 Resp: 159107

Ion Ratio Lower Upper

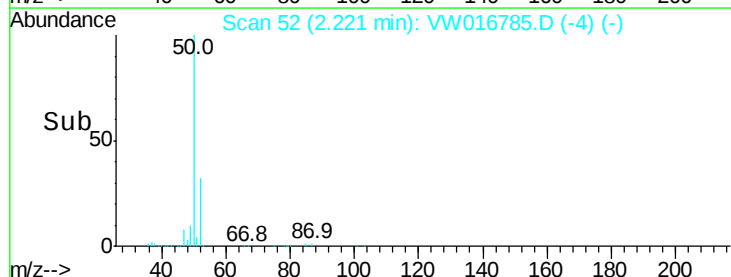
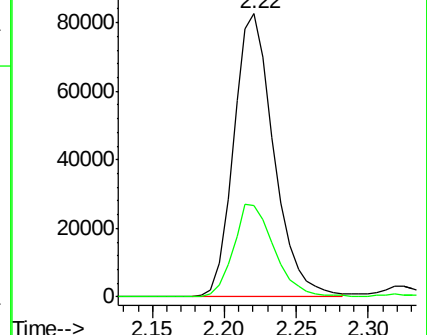
50 100

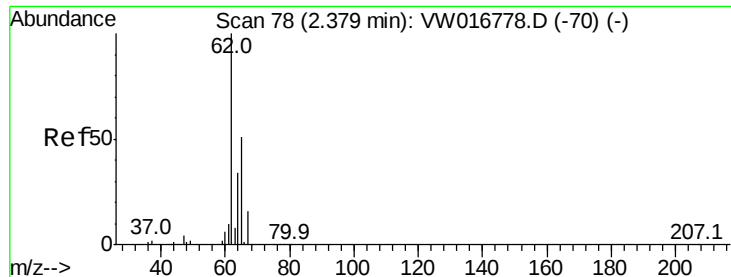
52 32.4 23.2 43.2



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 23.494 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampled :

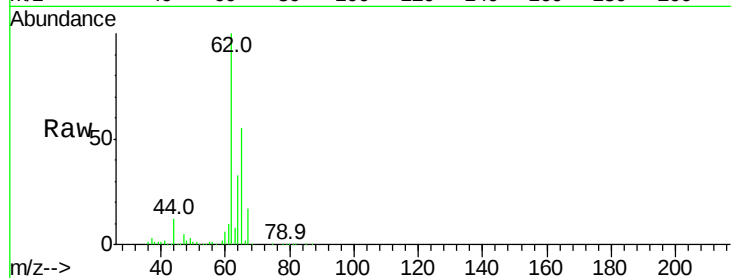
VSTD025103

Tgt Ion: 62 Resp: 206276

Ion Ratio Lower Upper

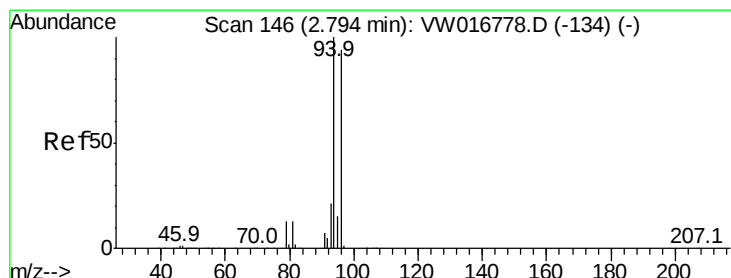
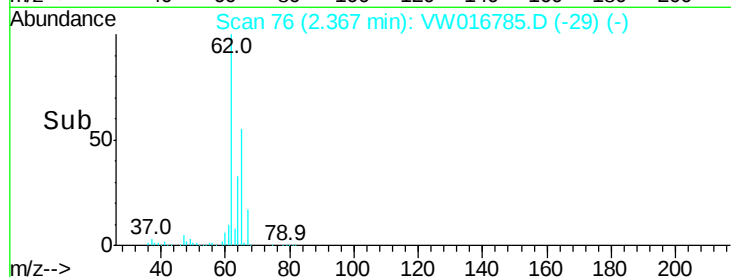
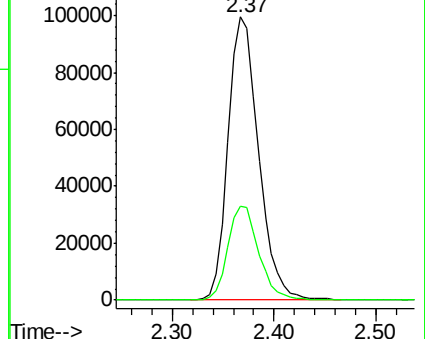
62 100

64 33.0 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 24.573 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016785.D

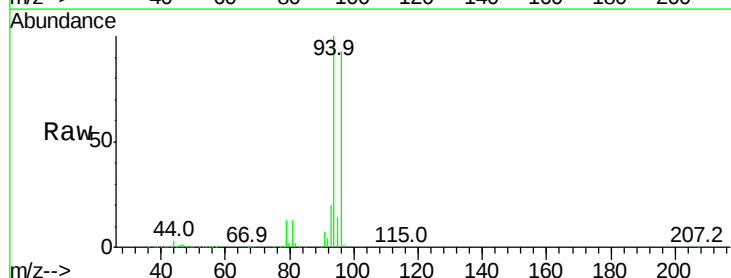
Acq: 06 Oct 2020 07:35

Tgt Ion: 94 Resp: 148307

Ion Ratio Lower Upper

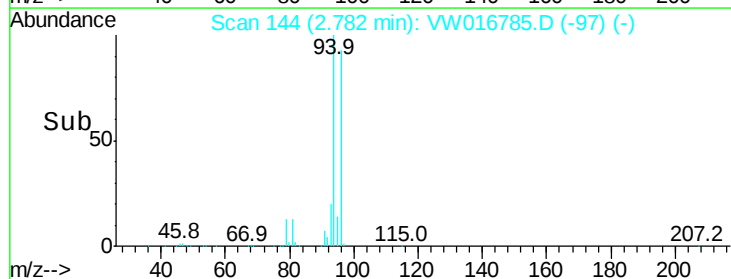
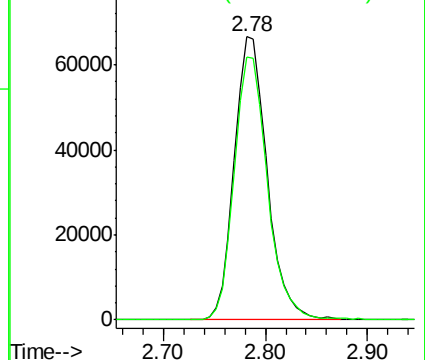
94 100

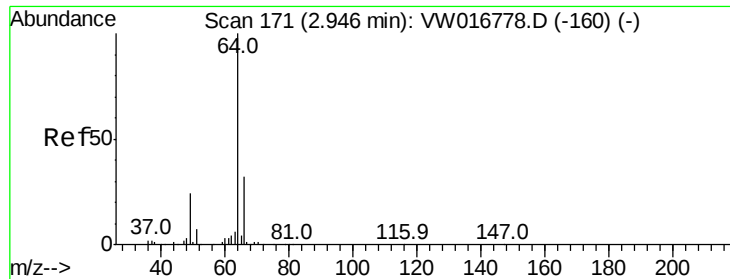
96 93.1 66.0 122.6



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 25.066 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.02 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

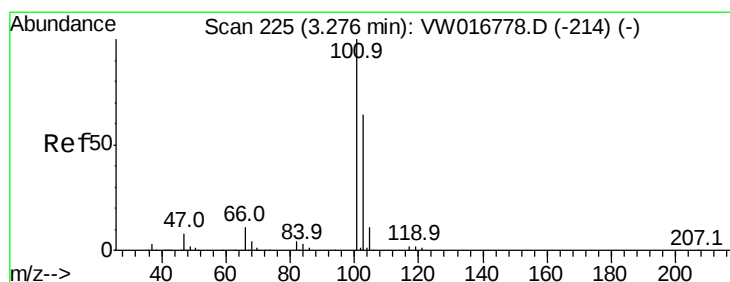
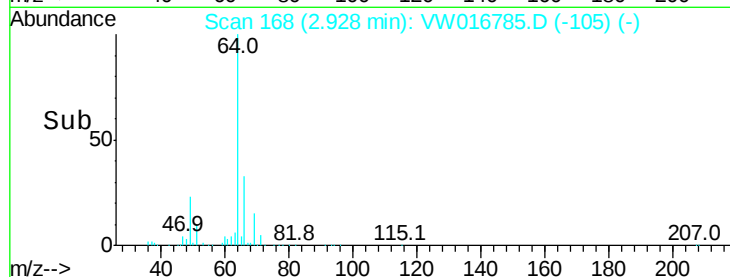
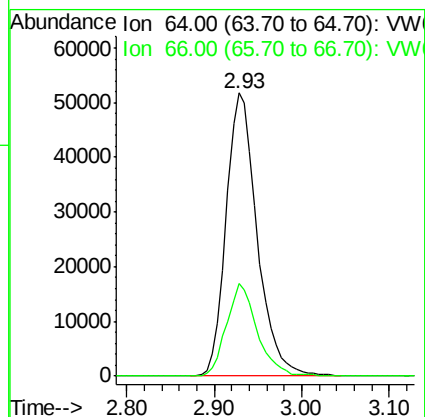
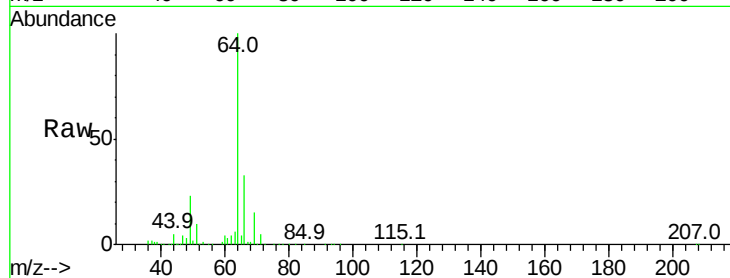
VSTD025103

Tgt Ion: 64 Resp: 127628

Ion Ratio Lower Upper

64 100

66 32.9 22.8 42.4



#9

Trichlorofluoromethane

Concen: 20.548 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW016785.D

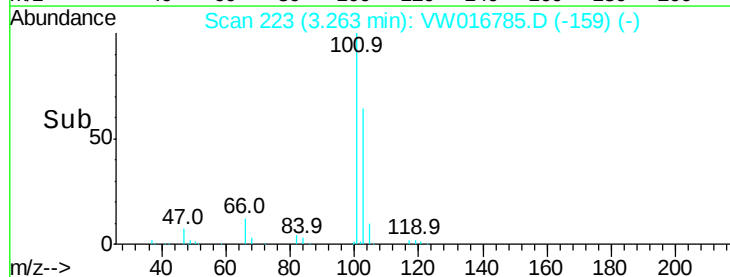
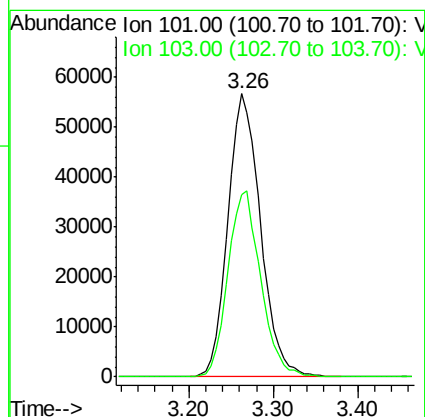
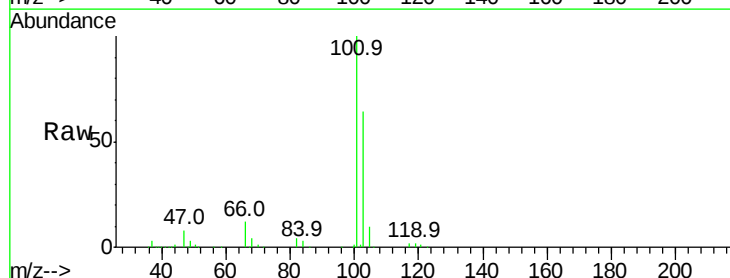
Acq: 06 Oct 2020 07:35

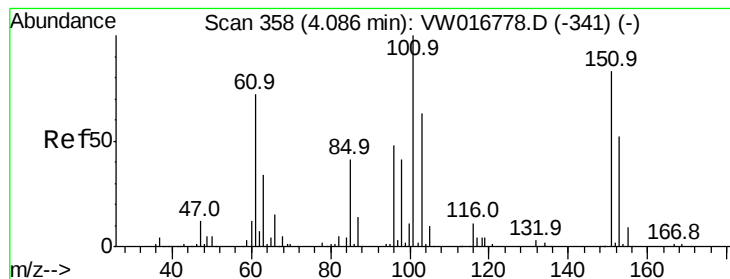
Tgt Ion: 101 Resp: 149677

Ion Ratio Lower Upper

101 100

103 65.7 52.2 78.4





#10

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

Concen: 25.310 ug/L

RT: 4.08 min Scan# 357

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

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ClientSampleId :

VSTD025103

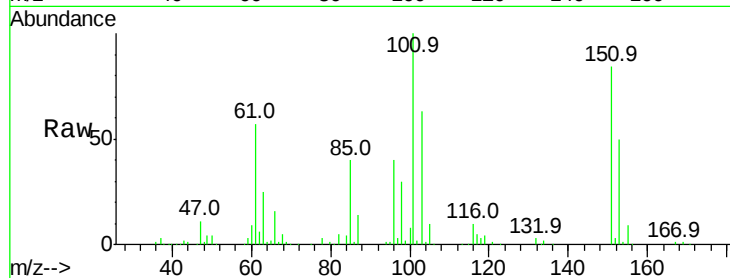
Tgt Ion: 101 Resp: 202232

Ion Ratio Lower Upper

101 100

85 41.5 31.3 46.9

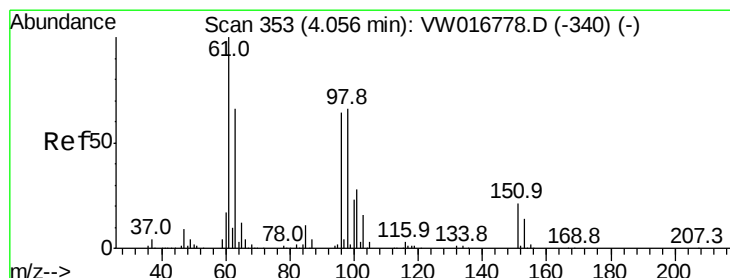
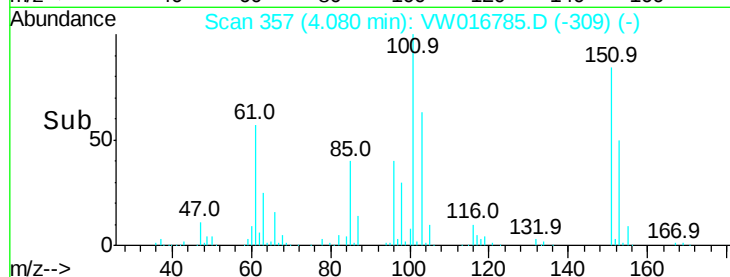
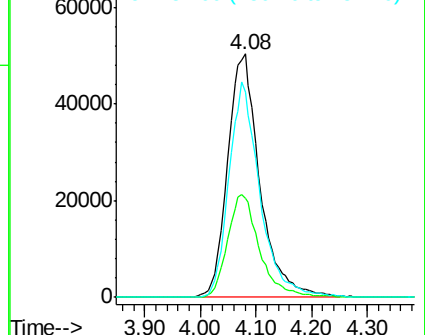
151 84.4 65.2 97.8



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: 24.298 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

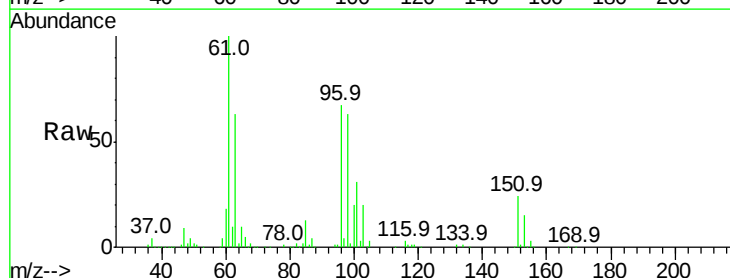
Tgt Ion: 96 Resp: 193219

Ion Ratio Lower Upper

96 100

61 149.9 109.1 202.7

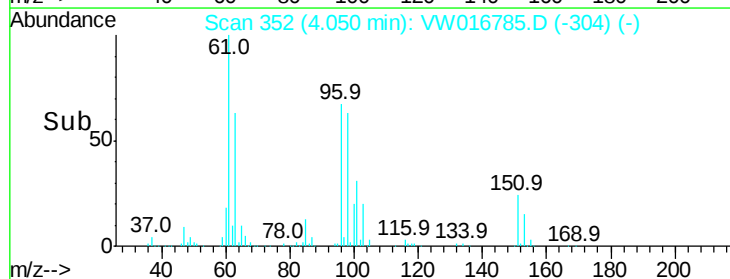
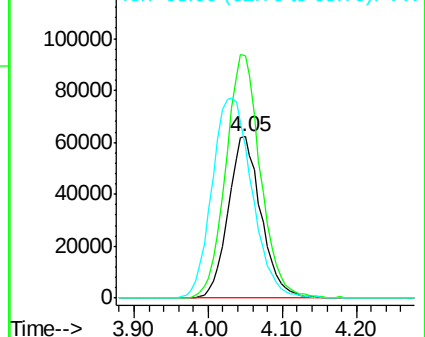
63 94.1 72.4 134.5

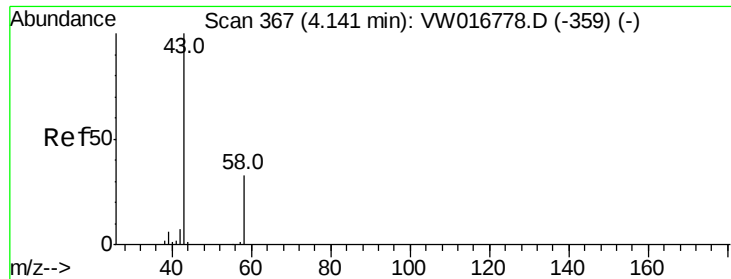


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 49.050 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Acq: 06 Oct 2020 07:35

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MSVOA_W

ClientSampleId :

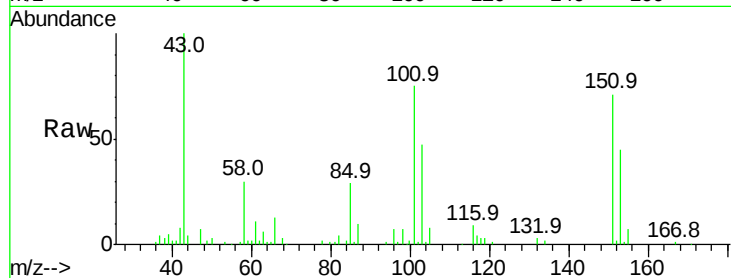
VSTD025103

Tgt Ion: 43 Resp: 45605

Ion Ratio Lower Upper

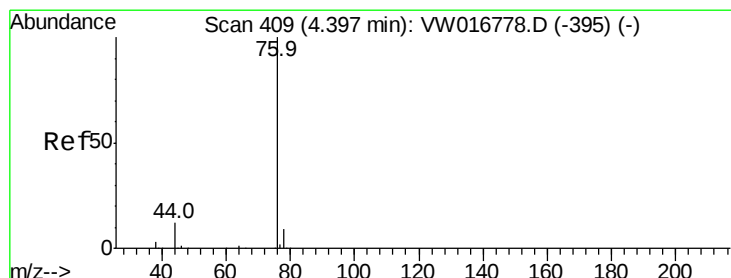
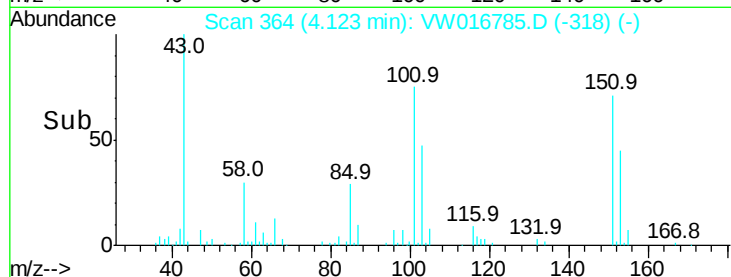
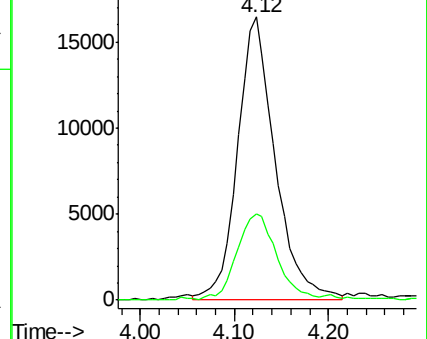
43 100

58 31.8 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 22.963 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.01 min

Lab File: VW016785.D

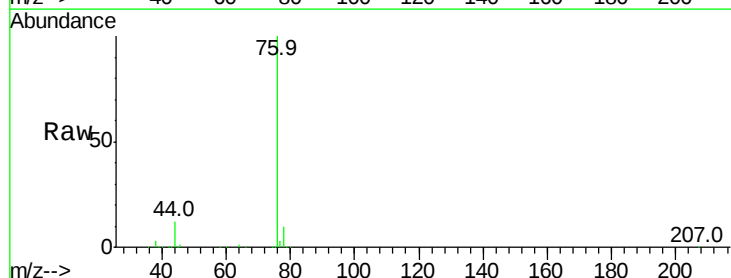
Acq: 06 Oct 2020 07:35

Tgt Ion: 76 Resp: 558128

Ion Ratio Lower Upper

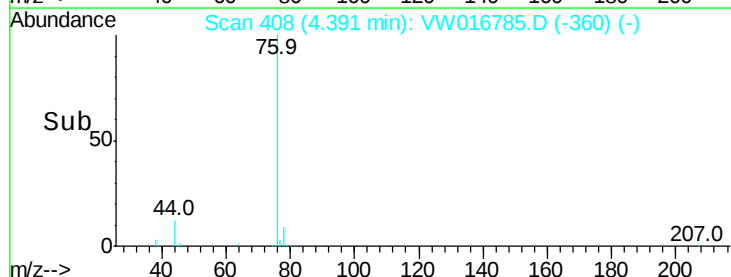
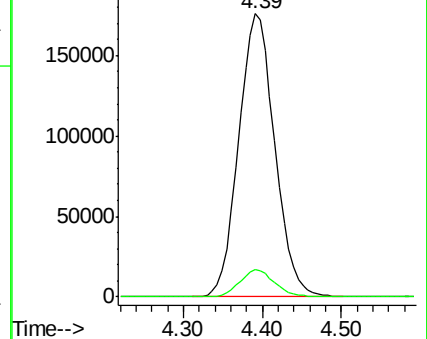
76 100

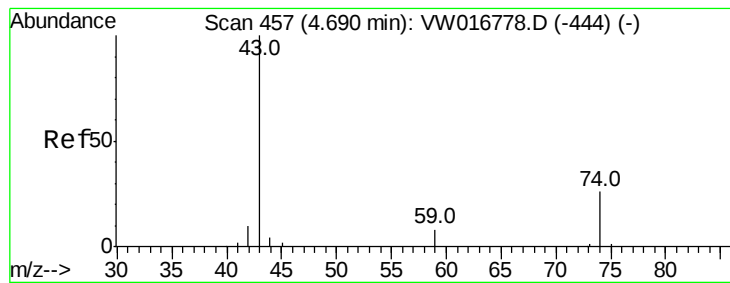
78 9.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 25.017 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.02 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

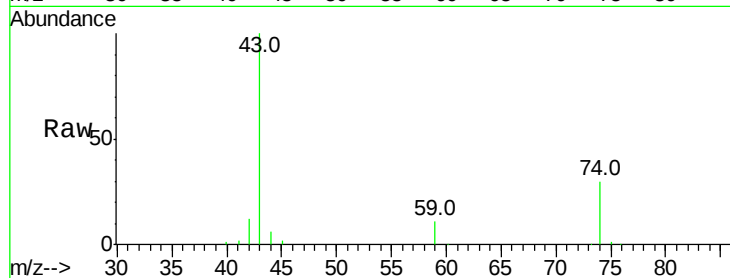
VSTD025103

Tgt Ion: 43 Resp: 58388

Ion Ratio Lower Upper

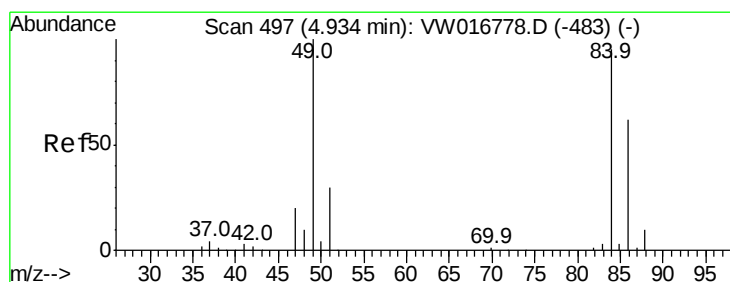
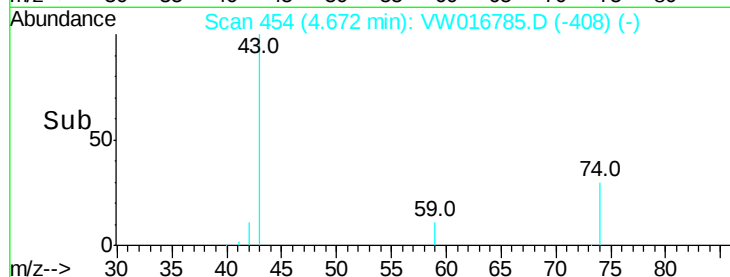
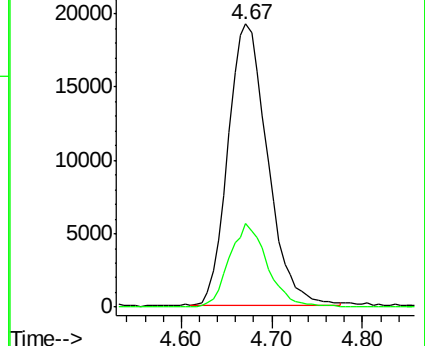
43 100

74 28.4 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 20.960 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

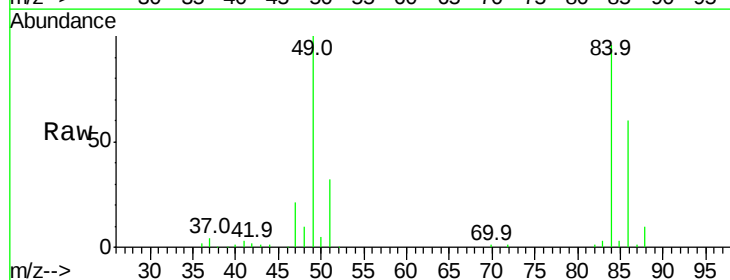
Tgt Ion: 84 Resp: 187586

Ion Ratio Lower Upper

84 100

86 63.3 45.9 85.3

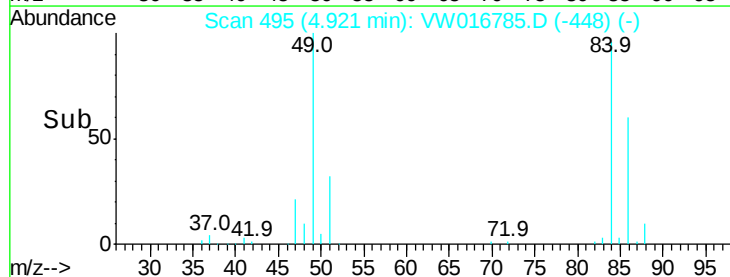
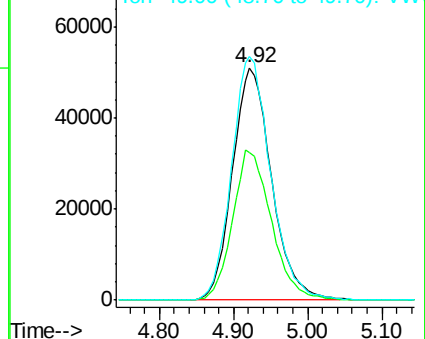
49 104.7 73.6 136.8

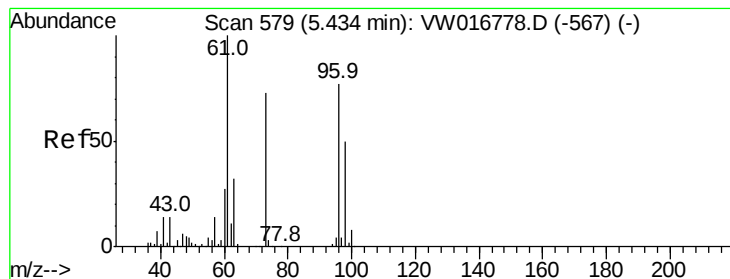


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 86.00 (85.70 to 86.70): VW

Ion 49.00 (48.70 to 49.70): VW





#17

trans-1,2-Dichloroethene

Concen: 24.478 ug/L

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025103

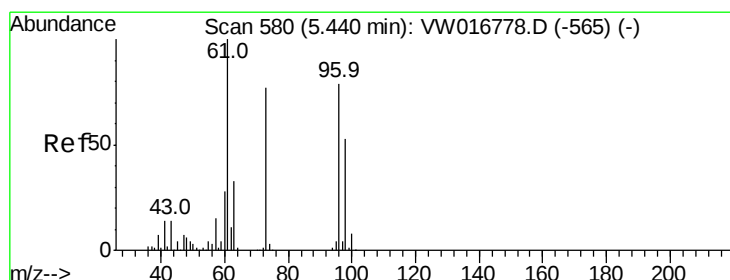
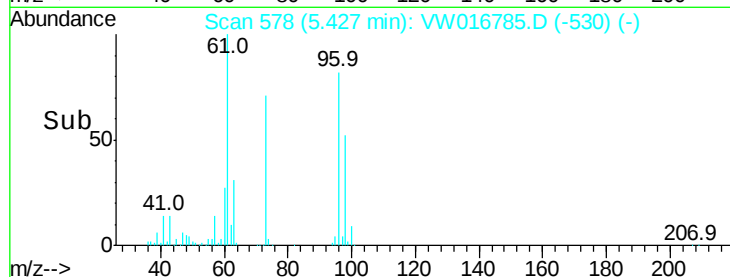
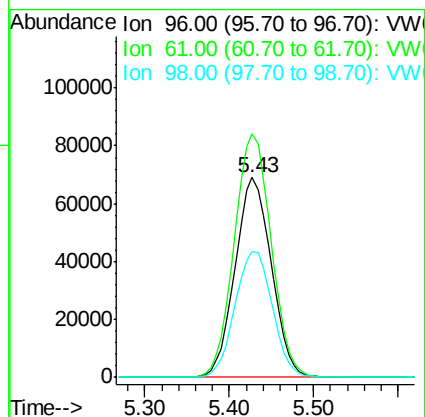
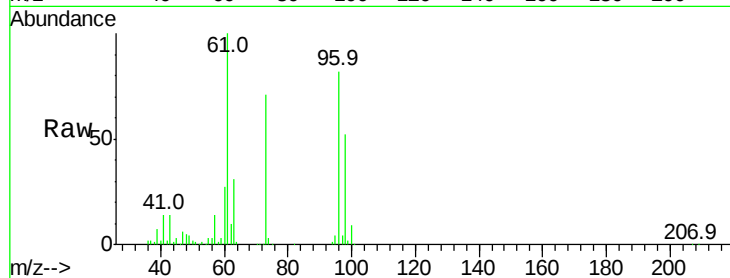
Tgt Ion: 96 Resp: 201495

Ion Ratio Lower Upper

96 100

61 121.9 91.3 169.6

98 63.0 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 23.430 ug/L

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

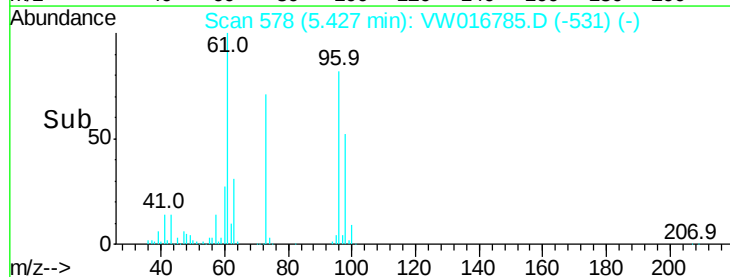
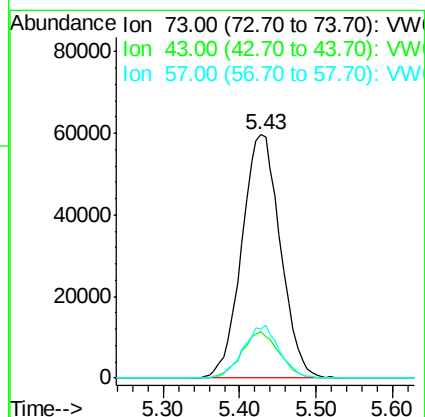
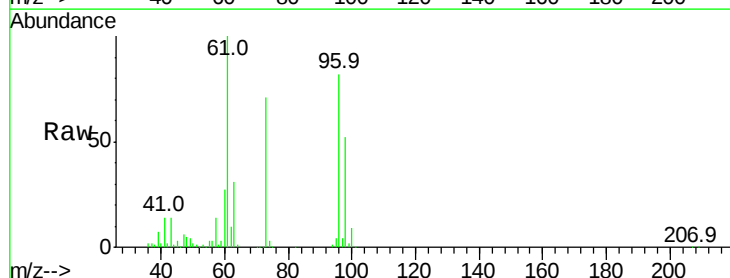
Tgt Ion: 73 Resp: 209180

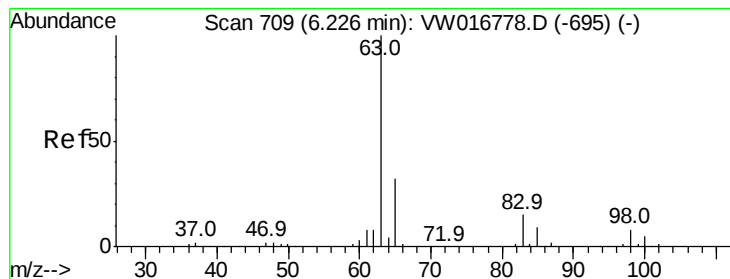
Ion Ratio Lower Upper

73 100

43 18.6 15.2 22.8

57 20.5 16.2 24.2





#19

1,1-Dichloroethane

Concen: 24.471 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampled :

VSTD025103

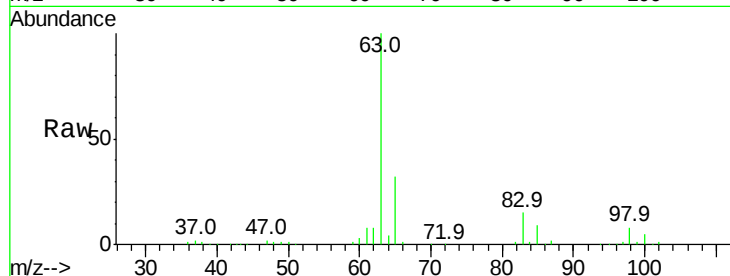
Tgt Ion: 63 Resp: 313149

Ion Ratio Lower Upper

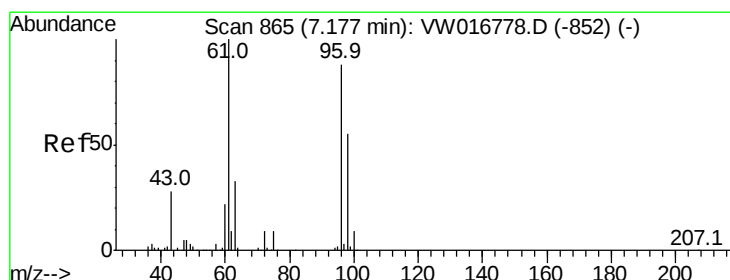
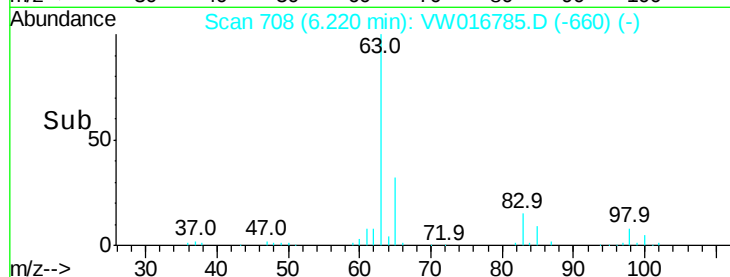
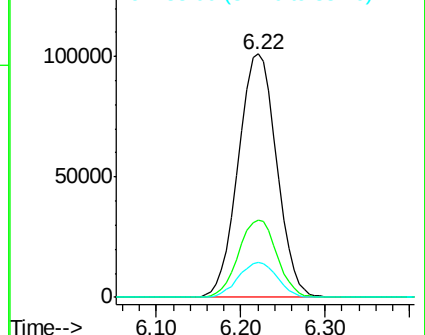
63 100

65 31.9 22.1 41.1

83 14.6 10.1 18.9



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



#20

cis-1,2-Dichloroethene

Concen: 24.522 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

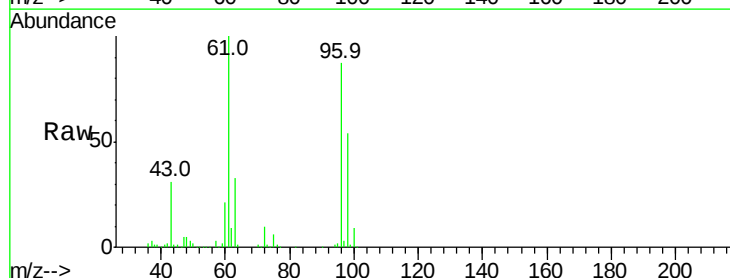
Tgt Ion: 96 Resp: 206905

Ion Ratio Lower Upper

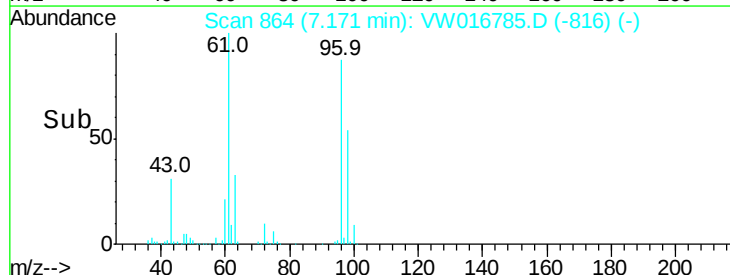
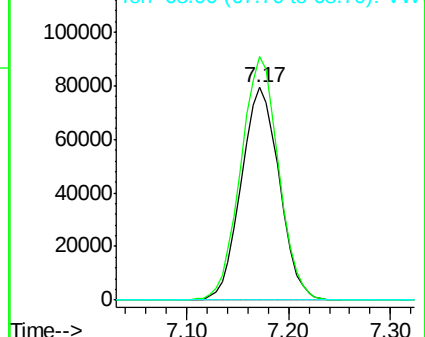
96 100

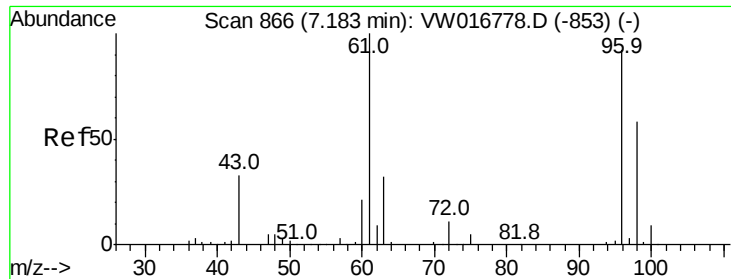
61 114.7 79.9 148.3

68 0.0 0.0 0.0



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





#22

2-Butanone

Concen: 47.050 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

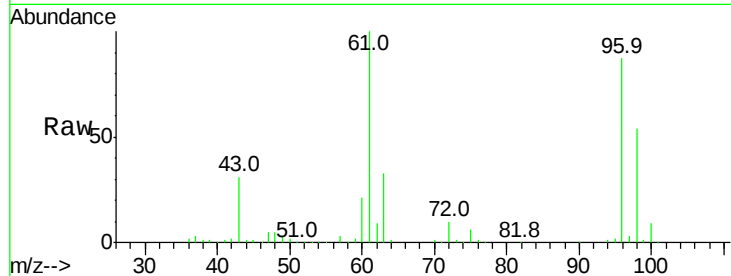
Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

Tgt Ion: 43 Resp: 75108

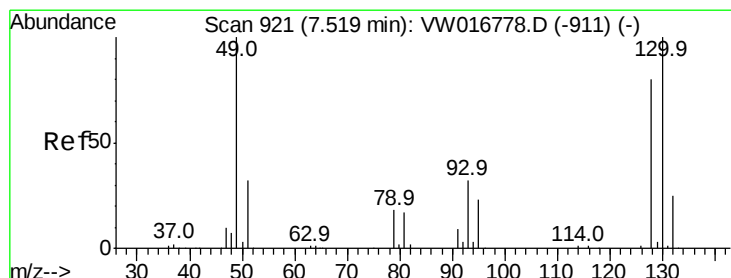
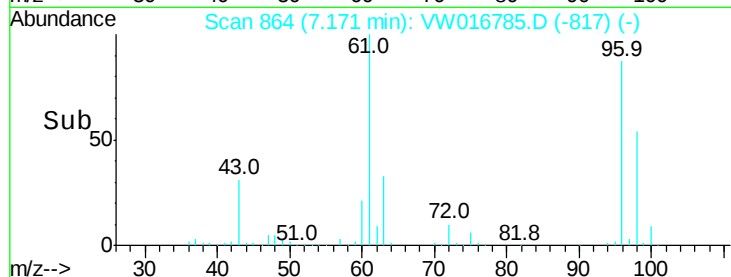
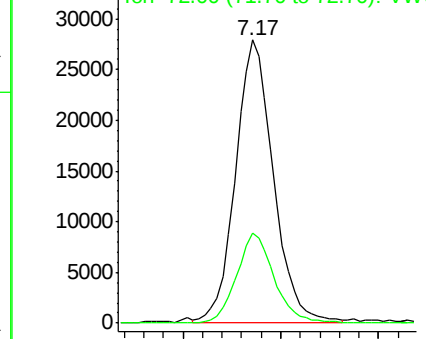
Ion Ratio Lower Upper

43 100

72 31.4 15.9 47.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#23

Bromochloromethane

Concen: 24.091 ug/L

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Tgt Ion: 128 Resp: 95499

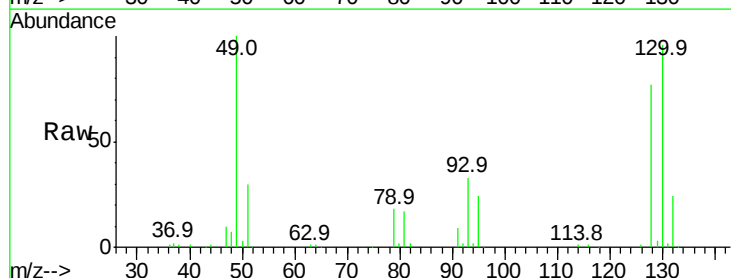
Ion Ratio Lower Upper

128 100

49 130.2 88.0 163.4

130 125.1 88.1 163.5

51 39.5 32.0 48.0

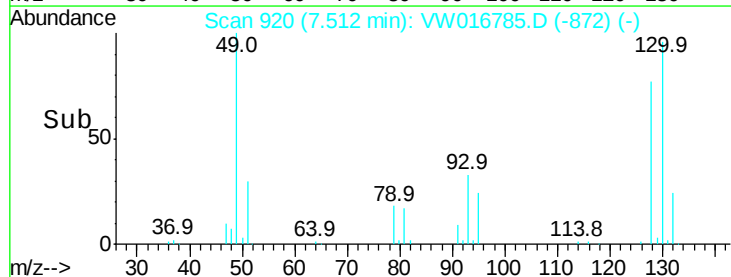
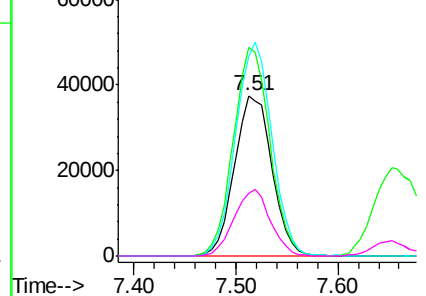


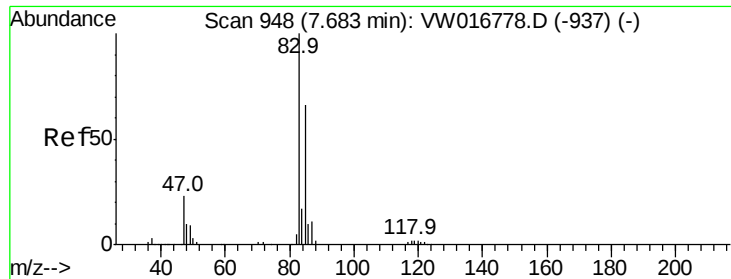
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW





#25

Chloroform

Concen: 24.482 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

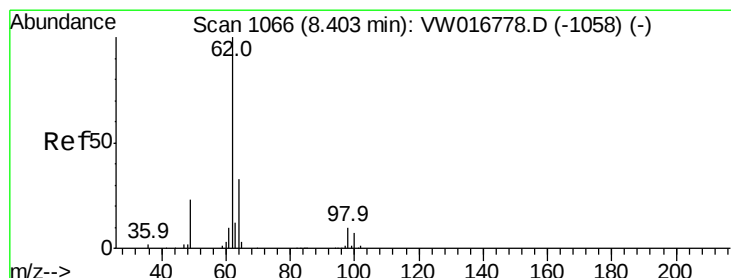
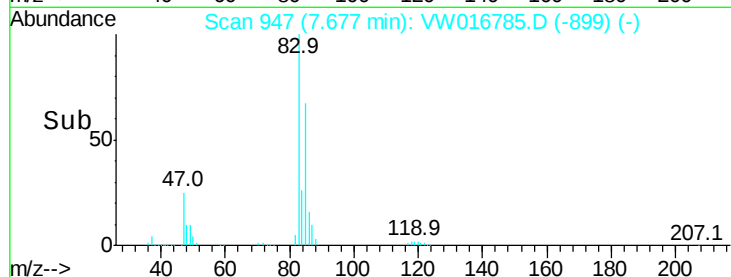
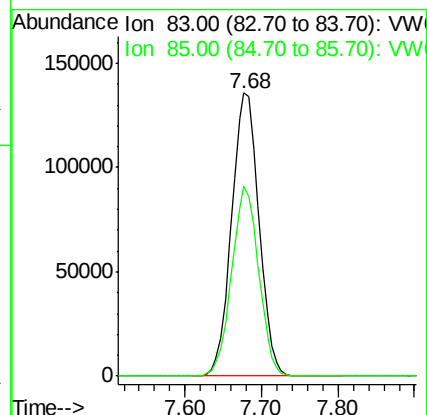
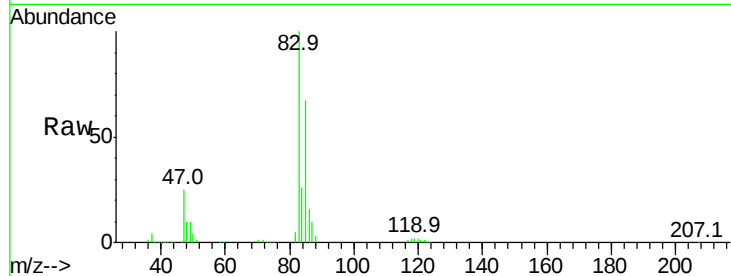
VSTD025103

Tgt Ion: 83 Resp: 336149

Ion Ratio Lower Upper

83 100

85 67.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 24.352 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW016785.D

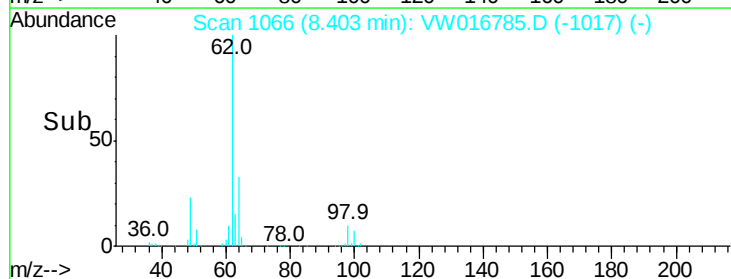
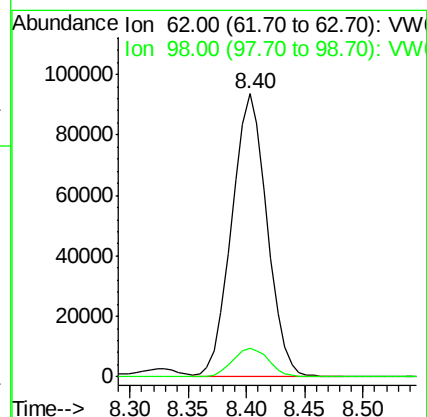
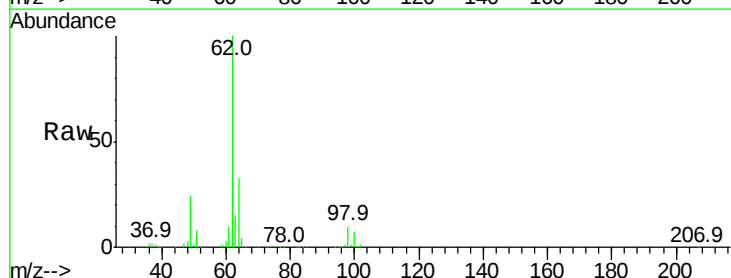
Acq: 06 Oct 2020 07:35

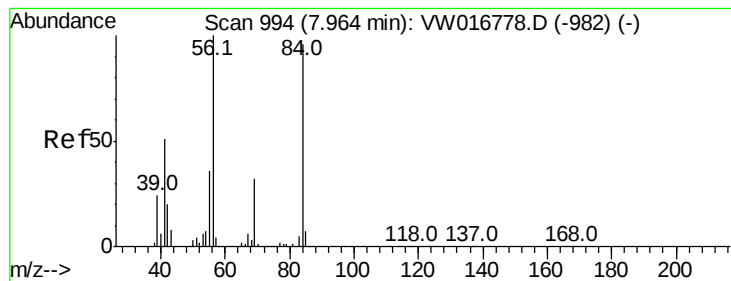
Tgt Ion: 62 Resp: 197502

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

Cyclohexane

Concen: 24.573 ug/L

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampled :

VSTD025103

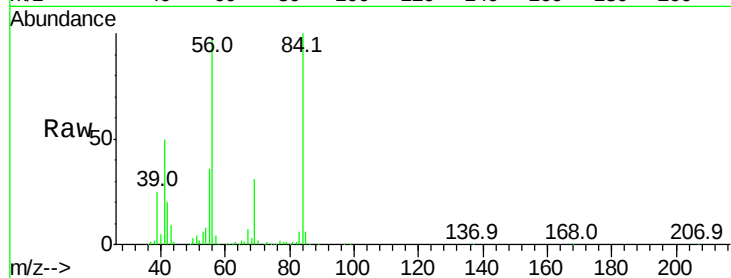
Tgt Ion: 56 Resp: 288289

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

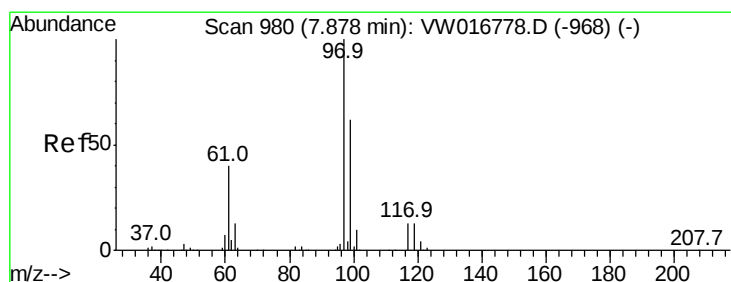
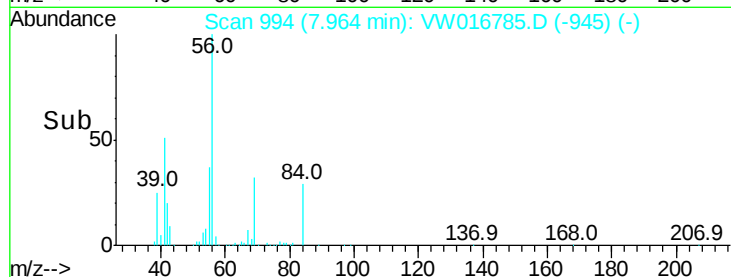
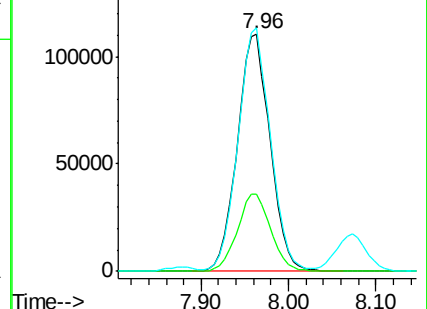
84 101.4 79.0 118.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#30

1,1,1-Trichloroethane

Concen: 24.013 ug/L

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

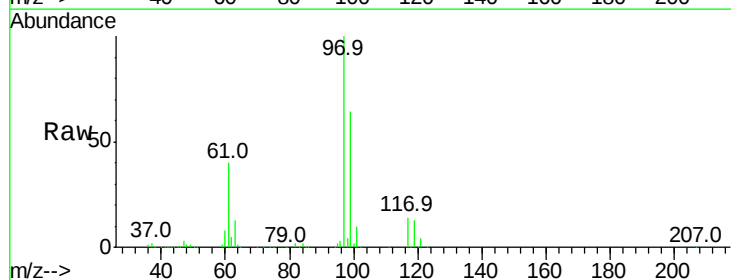
Tgt Ion: 97 Resp: 289532

Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

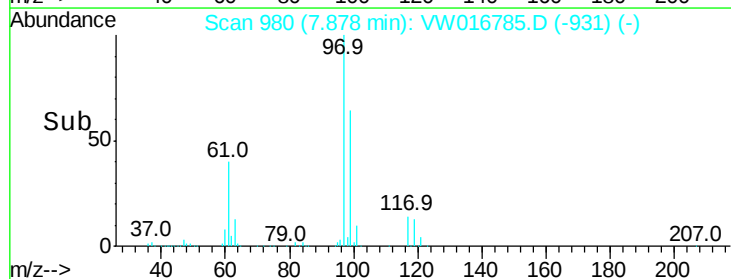
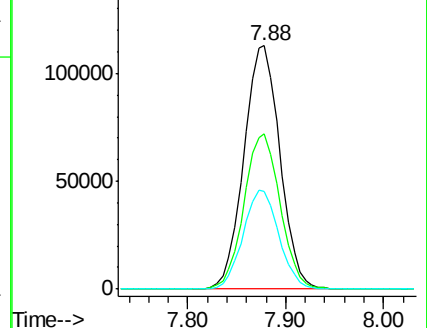
61 40.2 32.2 48.4

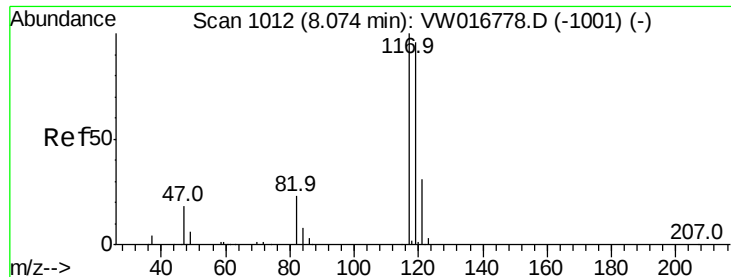


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.05 (60.75 to 61.75): VW

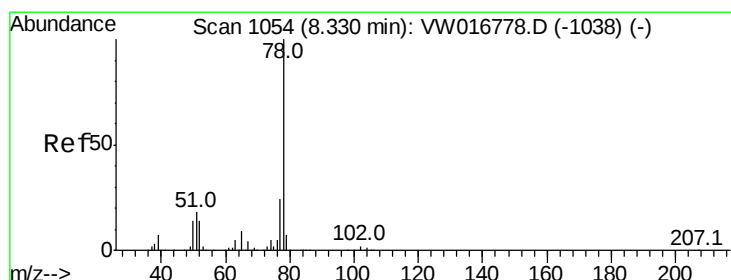
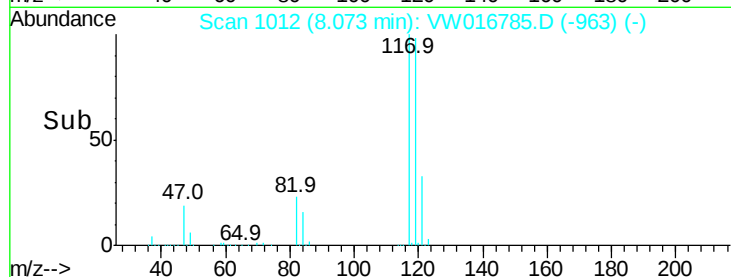
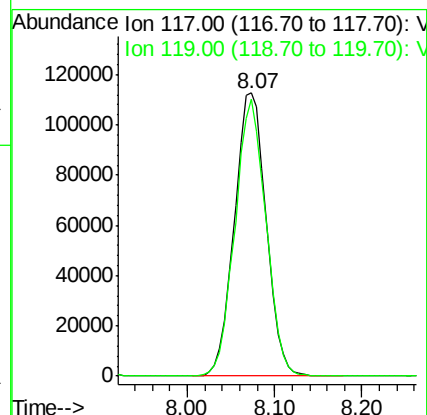
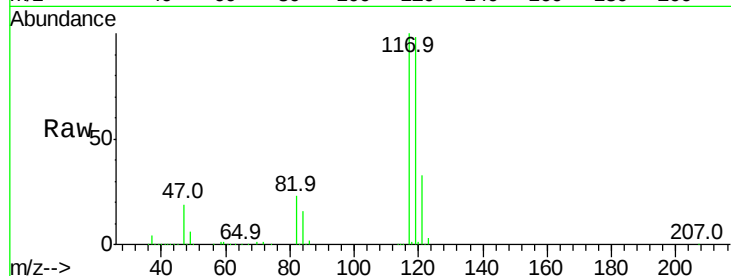




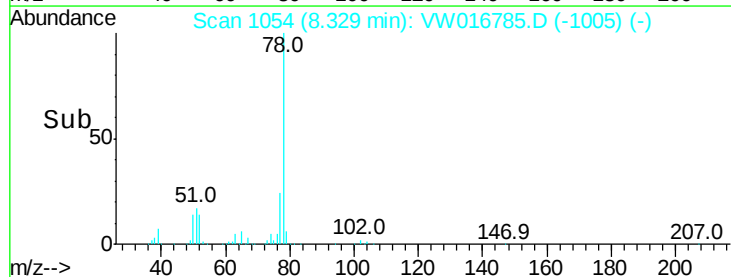
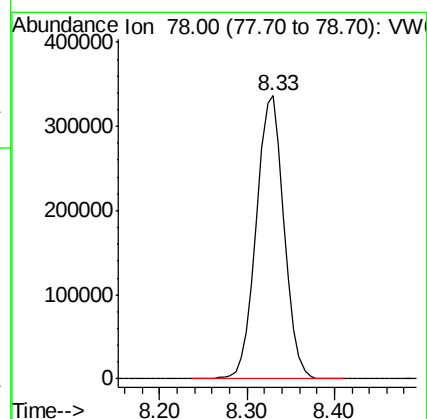
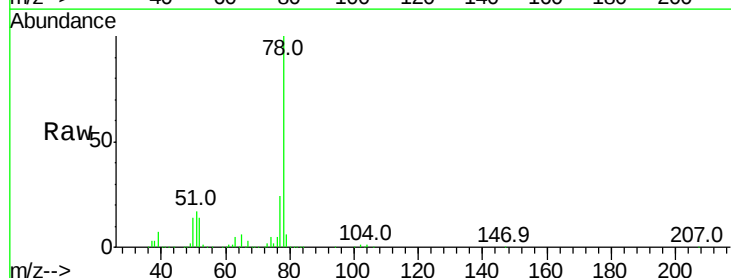
#31
Carbon tetrachloride
Concen: 23.900 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

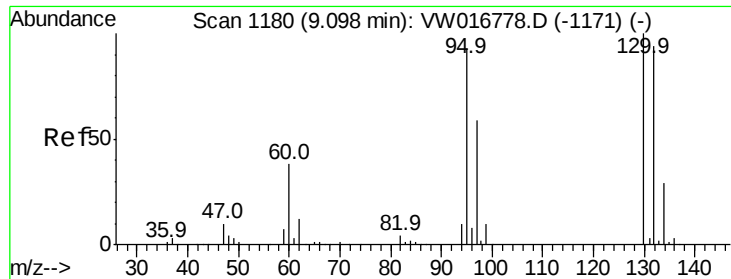
Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

Tgt Ion:117 Resp: 284580
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1



#33
Benzene
Concen: 24.562 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35
Tgt Ion: 78 Resp: 742110





#34

Trichloroethene

Concen: 24.520 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025103

Tgt Ion: 95 Resp: 208796

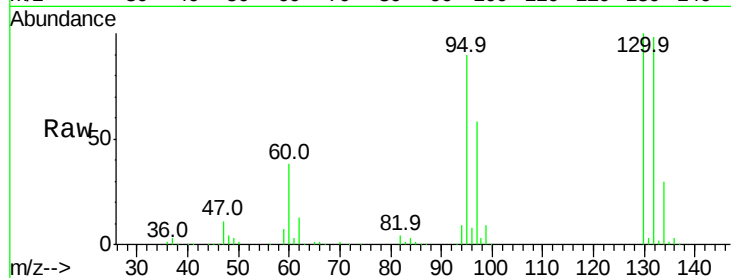
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.5

132 109.2 70.8 131.4

130 111.3 75.5 140.1

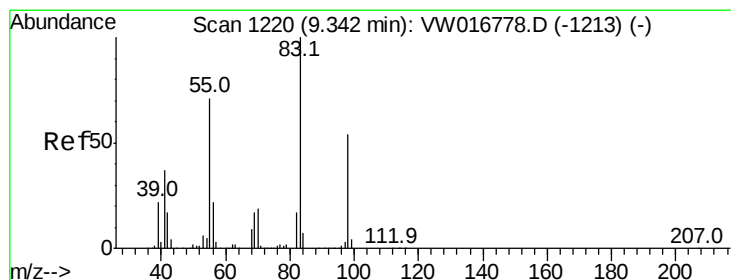
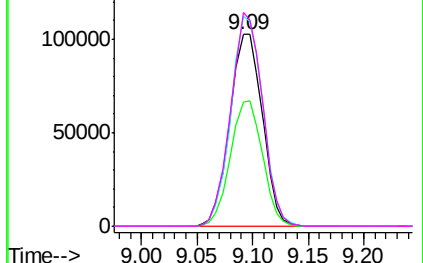
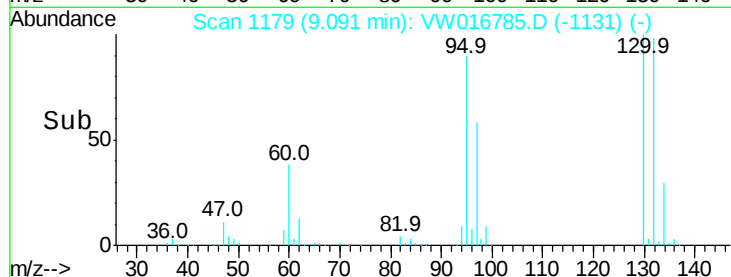


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 24.714 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

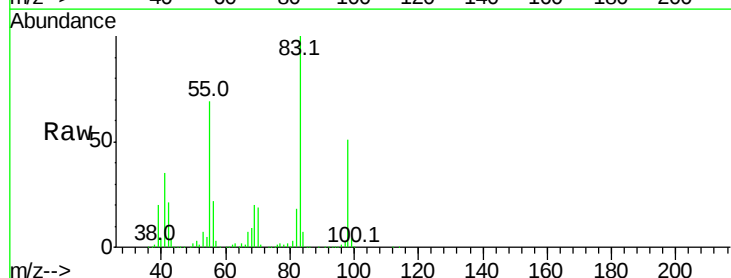
Tgt Ion: 83 Resp: 356664

Ion Ratio Lower Upper

83 100

55 69.3 54.3 81.5

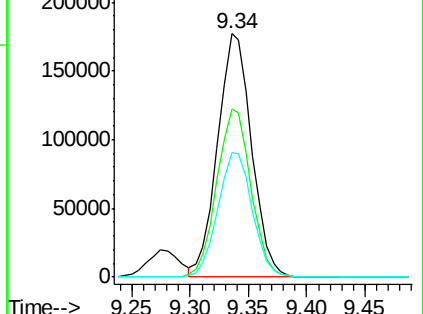
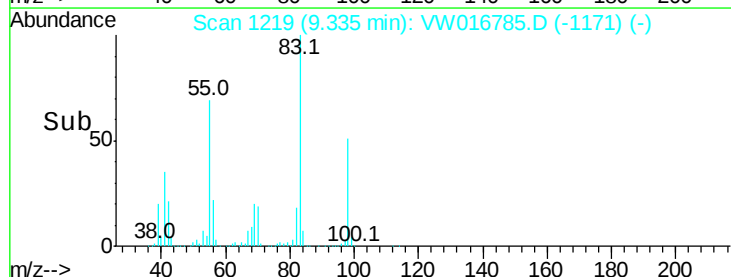
98 52.0 41.0 61.6

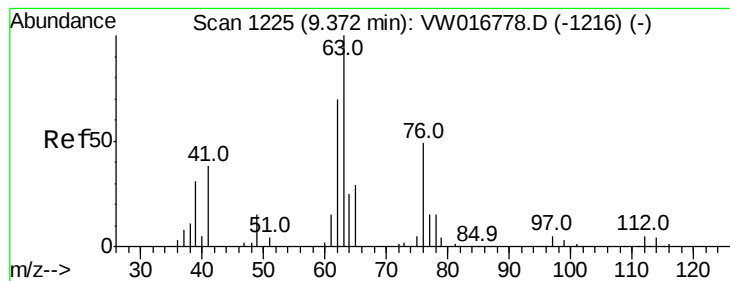


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#37

1,2-Dichloropropane

Concen: 24.111 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

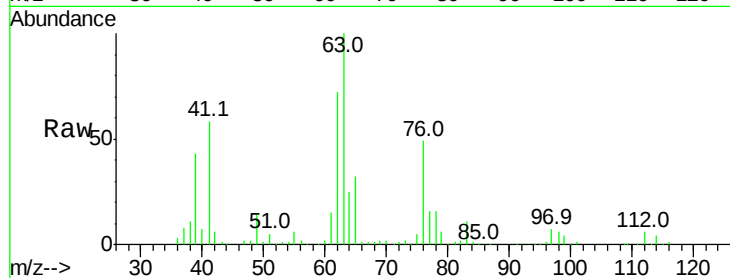
VSTD025103

Tgt Ion: 63 Resp: 165257

Ion Ratio Lower Upper

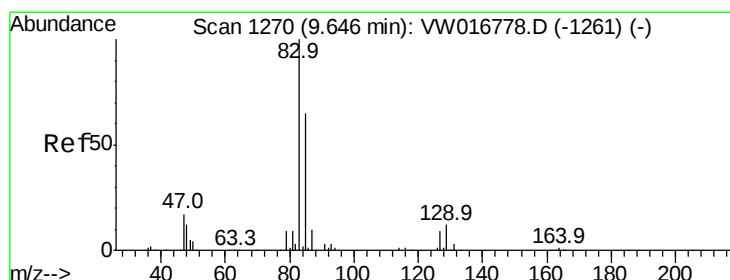
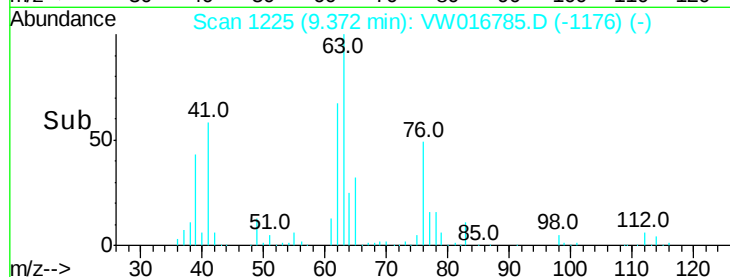
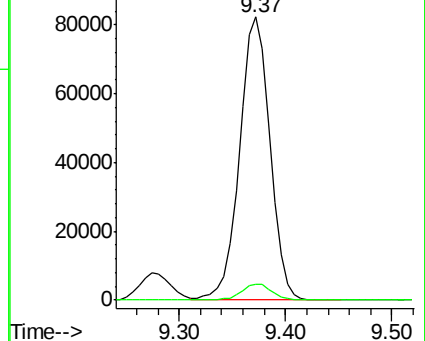
63 100

112 5.8 4.4 6.6



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 24.095 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

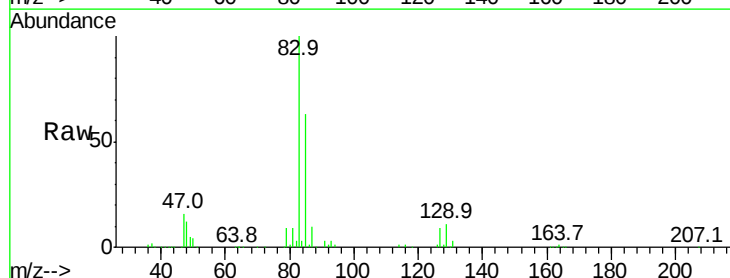
Tgt Ion: 83 Resp: 231607

Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

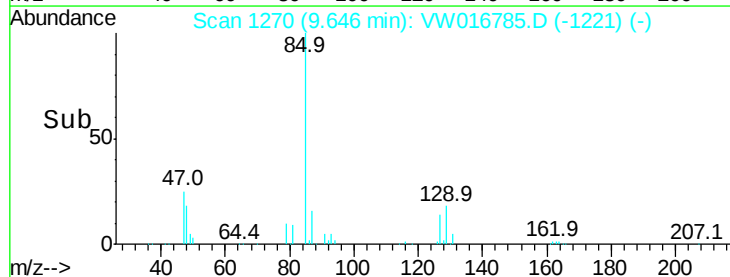
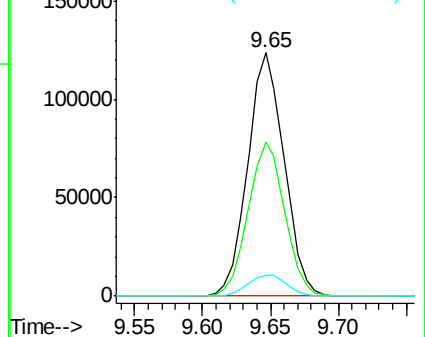
127 8.7 7.4 11.2

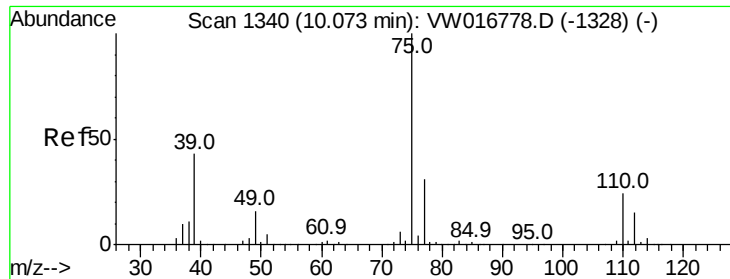


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#39

cis-1,3-Dichloropropene

Concen: 24.173 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

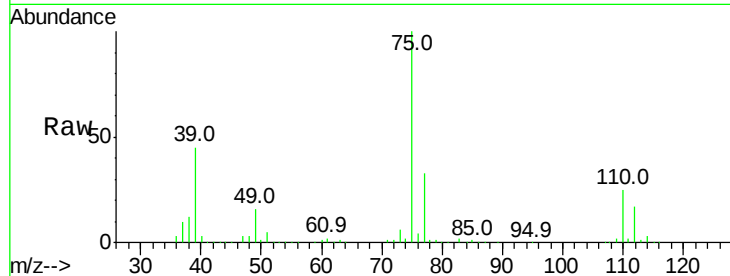
VSTD025103

Tgt Ion: 75 Resp: 266167

Ion Ratio Lower Upper

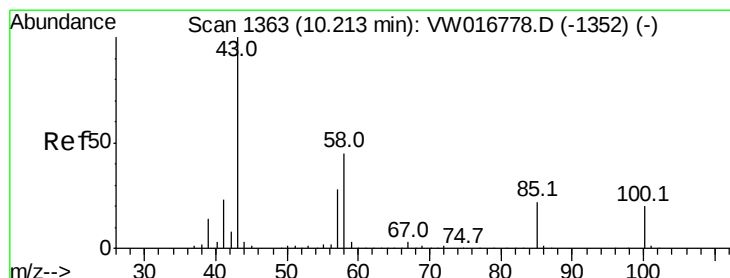
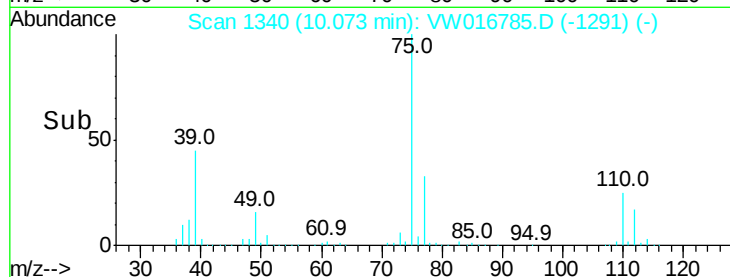
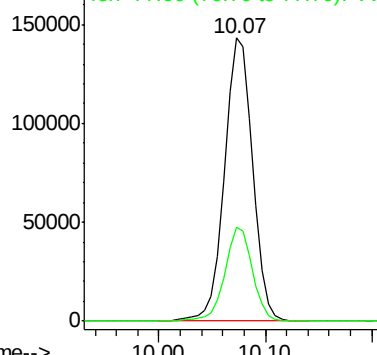
75 100

77 33.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#40

4-Methyl-2-pentanone

Concen: 48.678 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

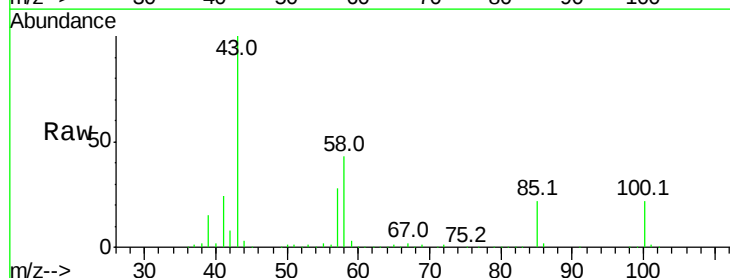
Tgt Ion: 43 Resp: 163301

Ion Ratio Lower Upper

43 100

58 42.7 34.3 51.5

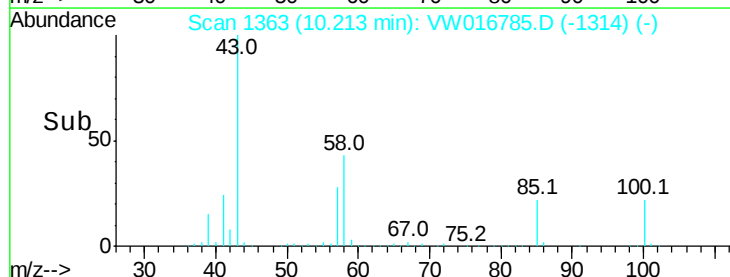
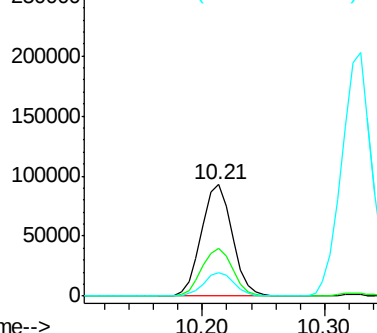
100 20.8 16.5 24.7

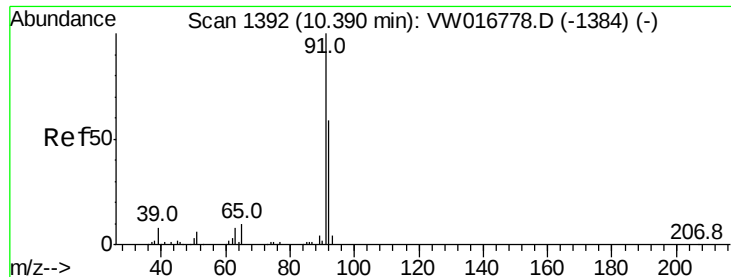


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#42

Toluene

Concen: 24.774 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampled :

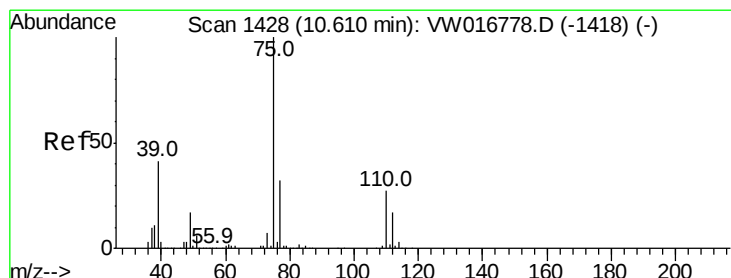
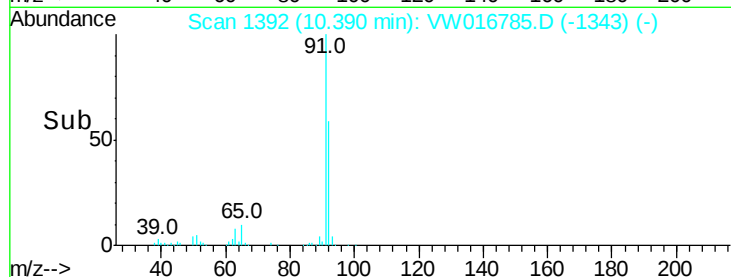
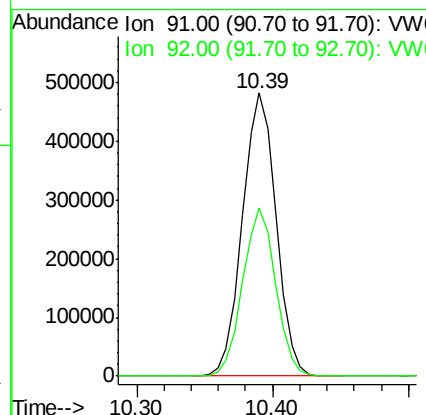
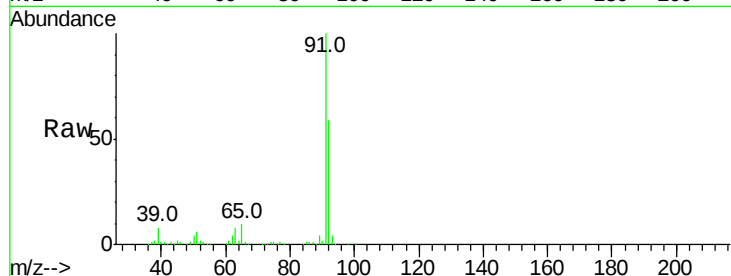
VSTD025103

Tgt Ion: 91 Resp: 834032

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 24.325 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016785.D

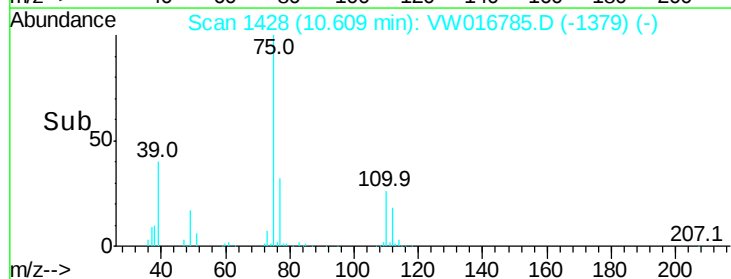
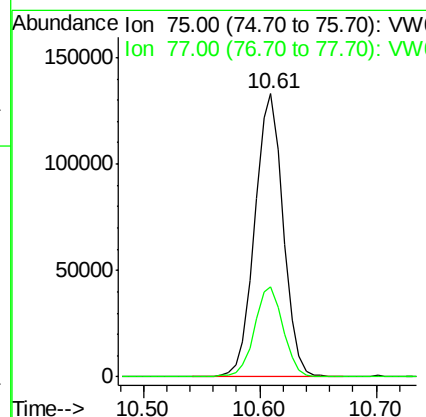
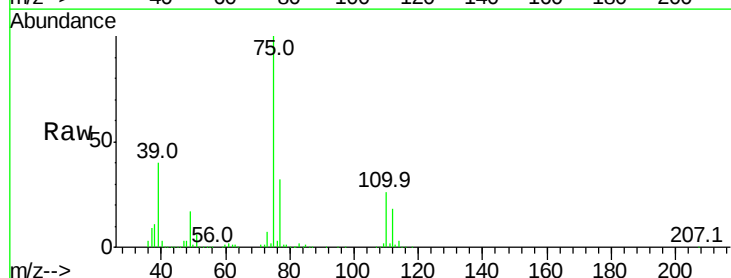
Acq: 06 Oct 2020 07:35

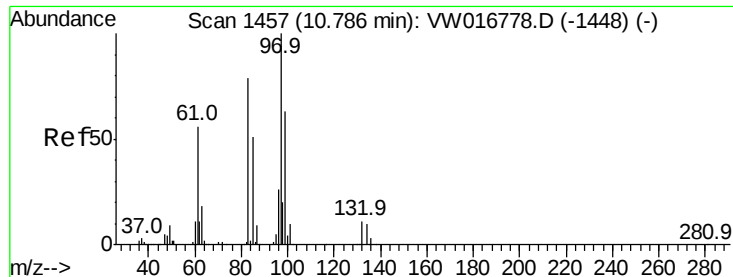
Tgt Ion: 75 Resp: 227469

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 24.078 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025103

Tgt Ion: 97 Resp: 132159

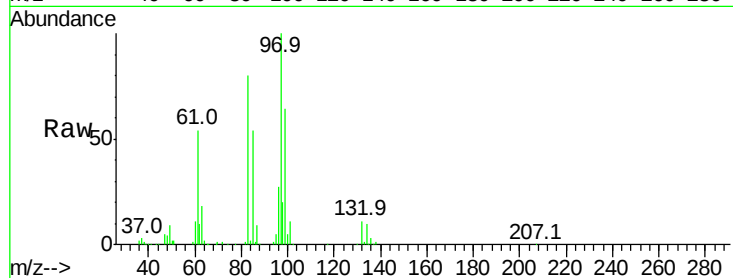
Ion Ratio Lower Upper

97 100

99 64.1 44.3 82.3

83 79.7 55.6 103.4

85 53.8 35.8 66.4

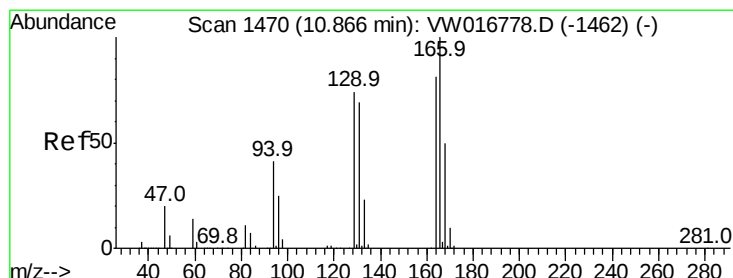
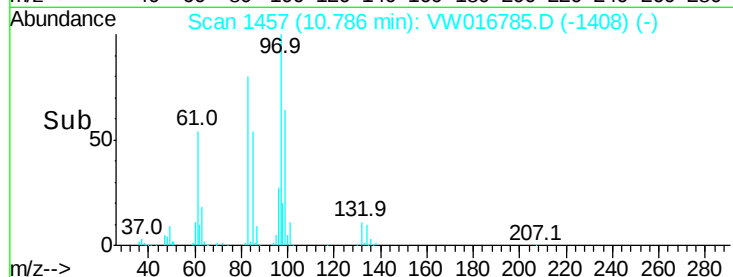
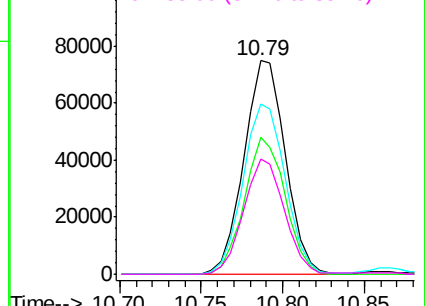


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46

Tetrachloroethene

Concen: 24.800 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Tgt Ion: 164 Resp: 193332

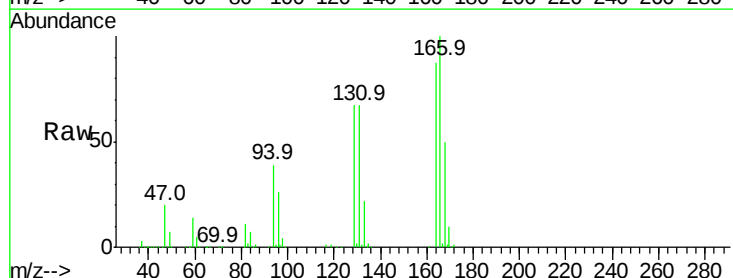
Ion Ratio Lower Upper

164 100

129 77.4 63.6 118.2

131 77.3 60.2 111.8

166 114.9 86.6 160.8

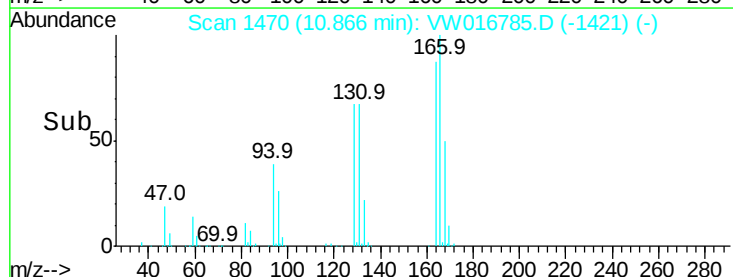
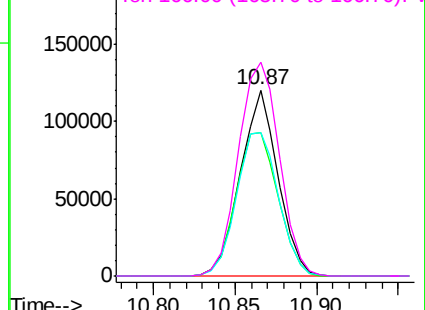


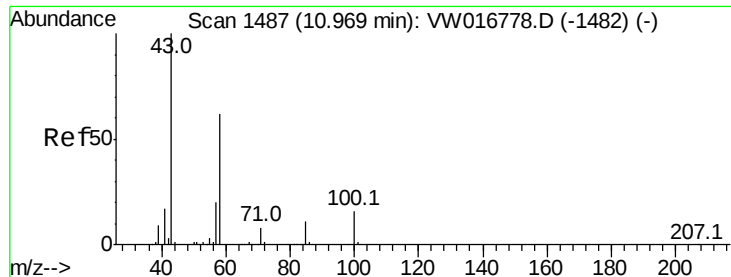
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

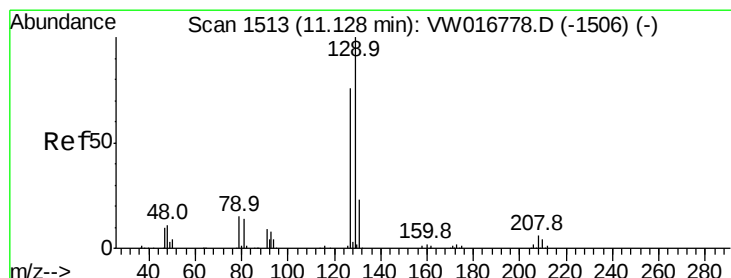
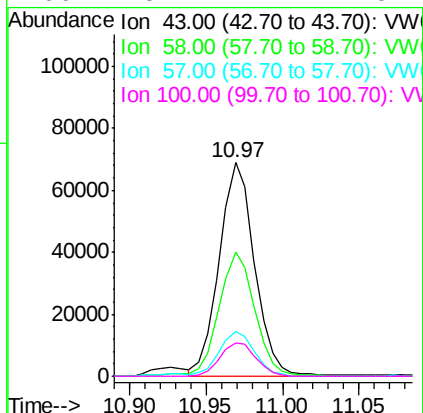
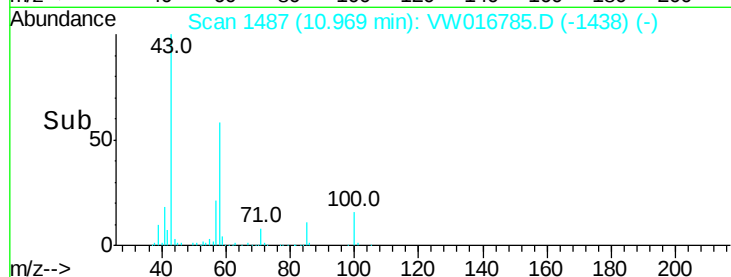
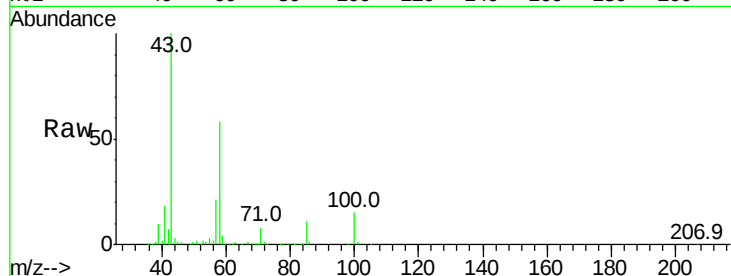




#48
2-Hexanone
Concen: 50.040 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

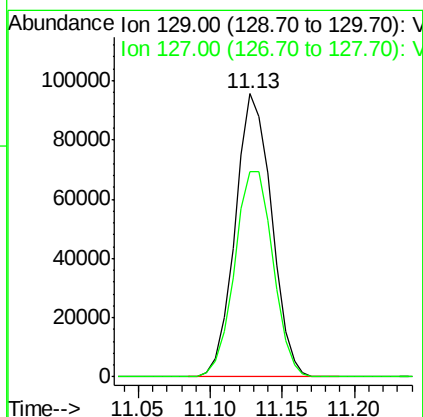
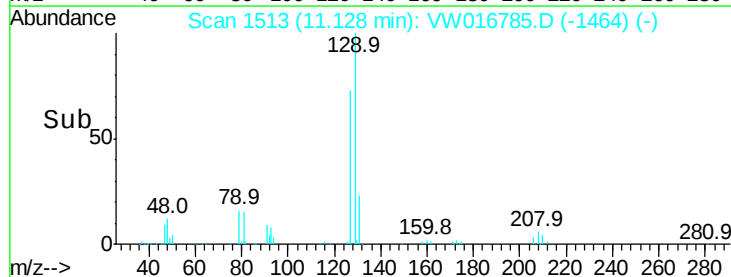
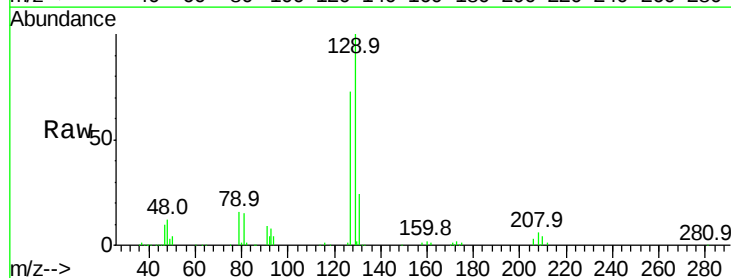
Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

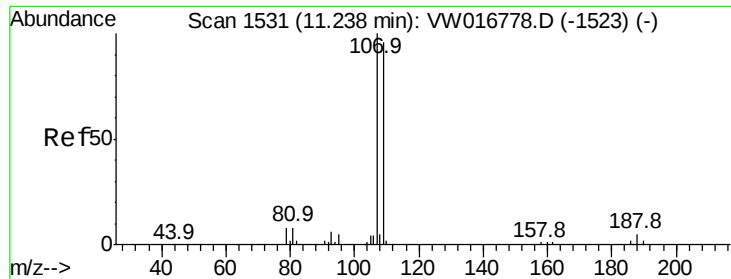
Tgt Ion: 43 Resp: 110309
Ion Ratio Lower Upper
43 100
58 58.4 48.1 72.1
57 21.1 17.1 25.7
100 16.2 12.7 19.1



#49
Dibromochloromethane
Concen: 24.095 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

Tgt Ion: 129 Resp: 168132
Ion Ratio Lower Upper
129 100
127 72.6 53.3 99.1

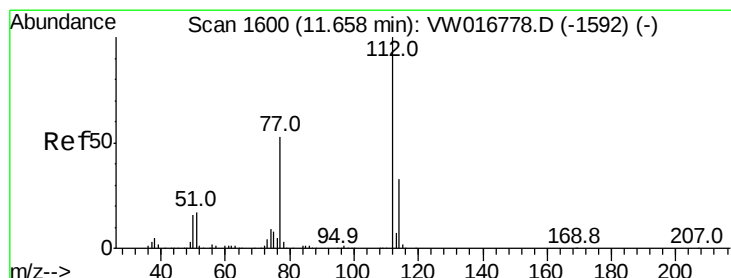
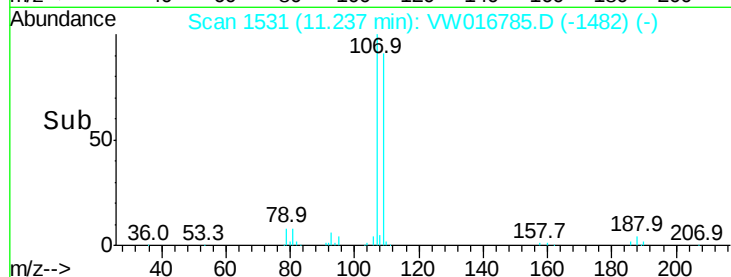
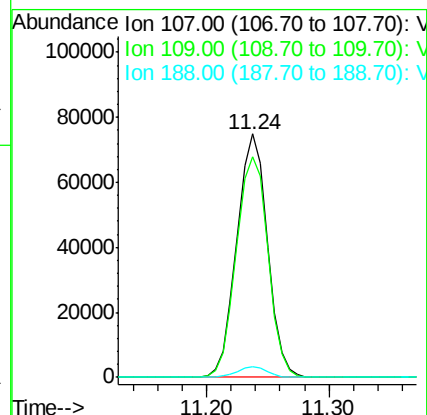
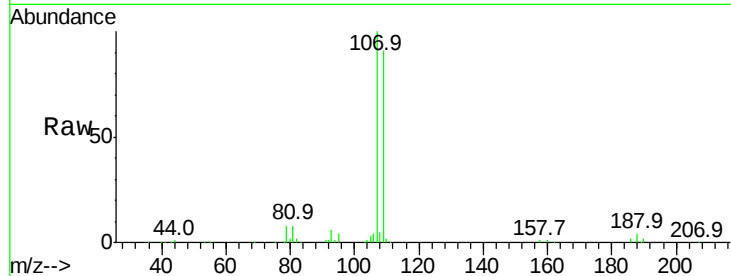




#50
 1,2-Dibromoethane
 Concen: 24.136 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

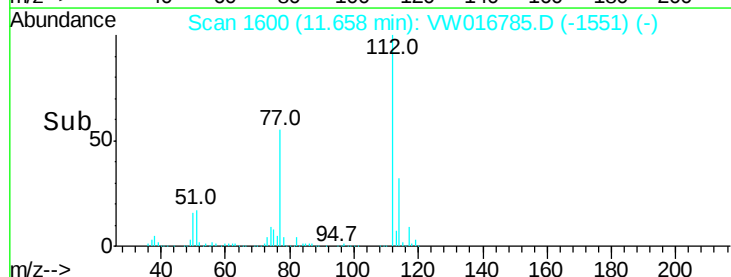
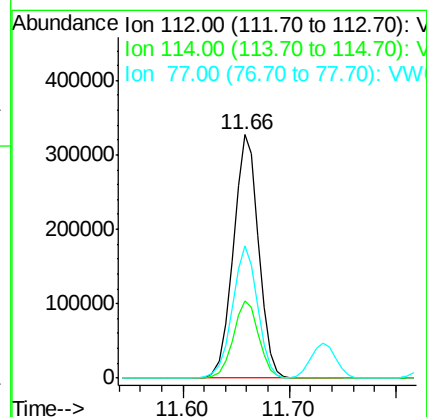
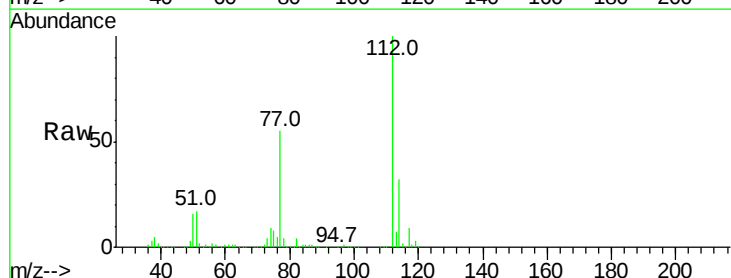
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

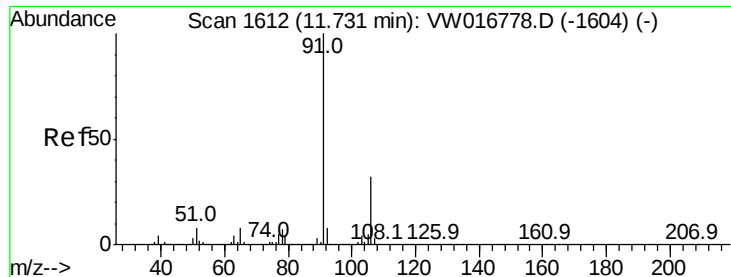
Tgt Ion:107 Resp: 129612
 Ion Ratio Lower Upper
 107 100
 109 90.8 67.2 124.8
 188 4.1 3.7 5.5



#51
 Chlorobenzene
 Concen: 24.222 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

Tgt Ion:112 Resp: 541022
 Ion Ratio Lower Upper
 112 100
 114 31.9 22.9 42.5
 77 54.5 42.6 64.0

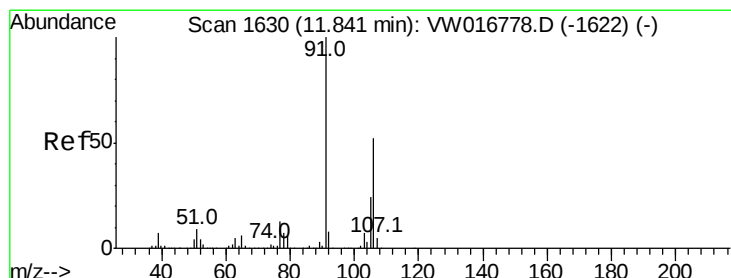
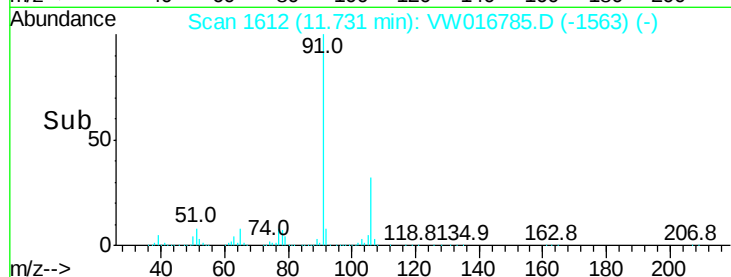
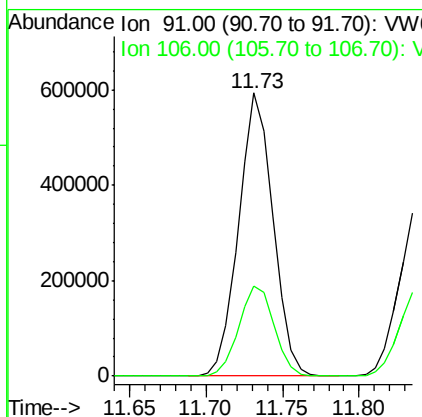
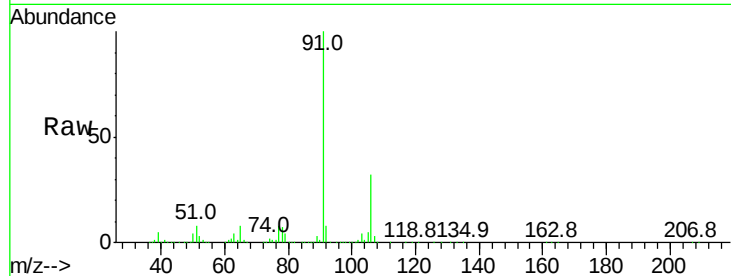




#52
Ethylbenzene
Concen: 24.621 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

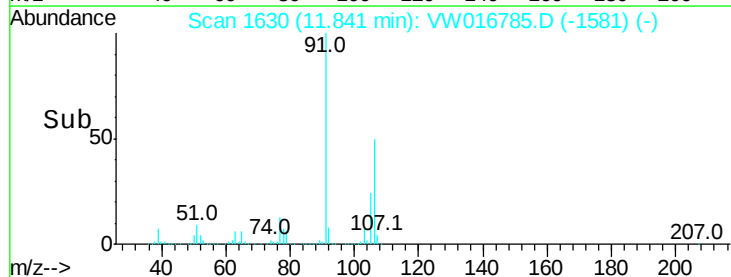
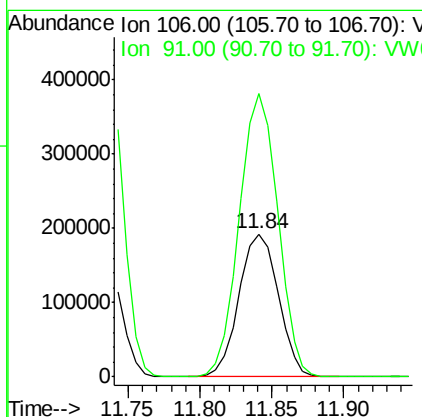
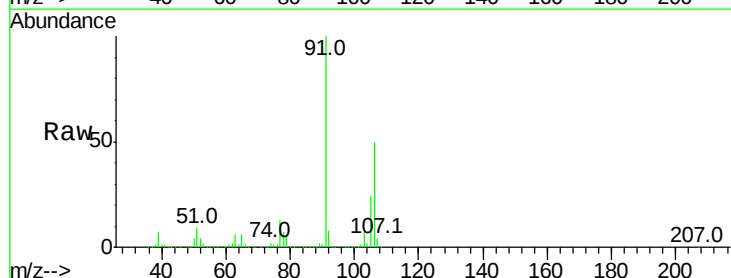
Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

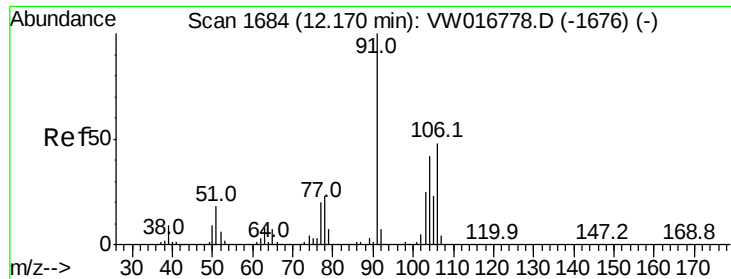
Tgt Ion: 91 Resp: 925502
Ion Ratio Lower Upper
91 100
106 31.9 22.6 42.0



#53
m,p-Xylene
Concen: 24.748 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

Tgt Ion: 106 Resp: 364705
Ion Ratio Lower Upper
106 100
91 198.2 133.4 247.8

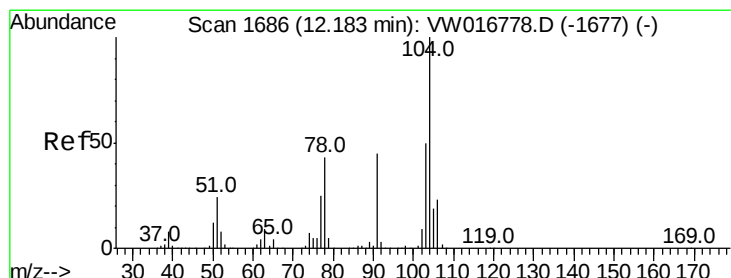
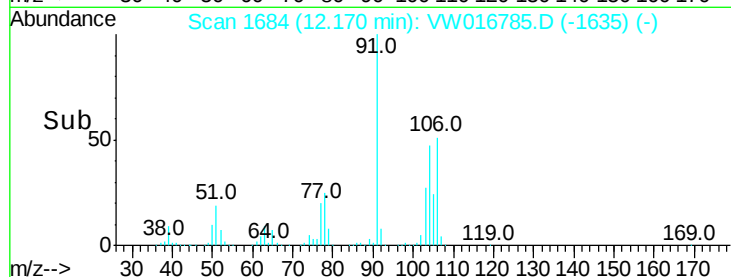
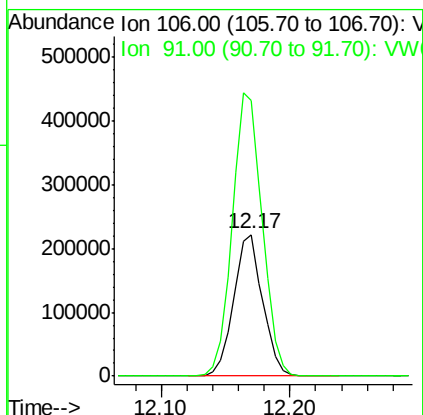
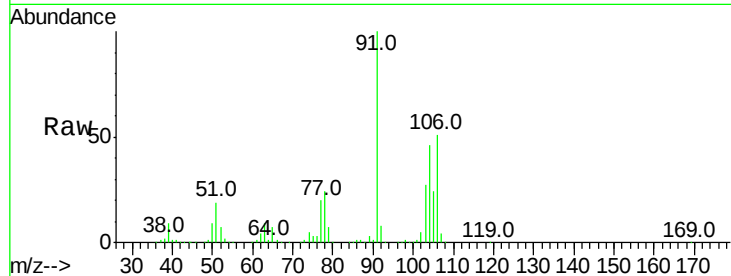




#54
o-Xylene
Concen: 24.928 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

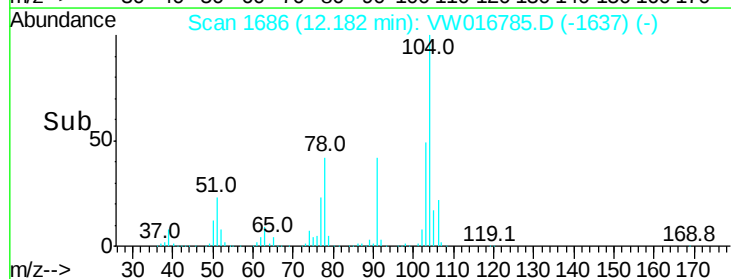
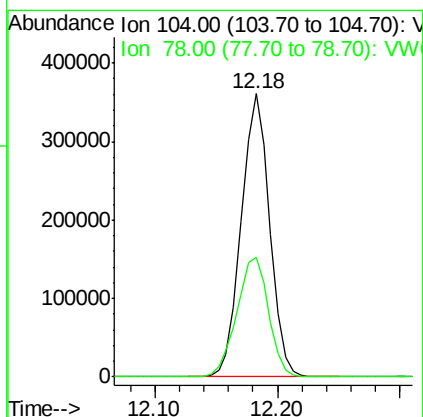
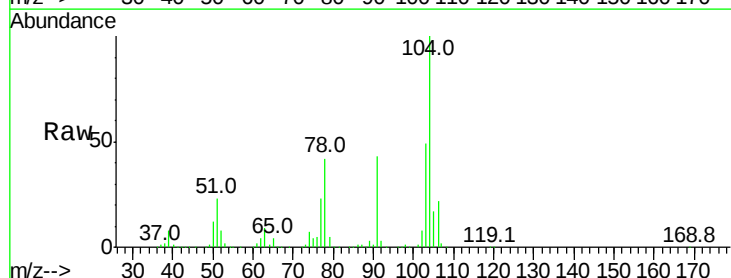
Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

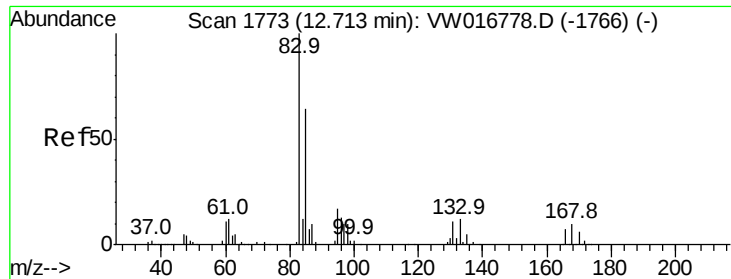
Tgt Ion:106 Resp: 346351
Ion Ratio Lower Upper
106 100
91 194.5 144.5 268.4



#55
Styrene
Concen: 25.073 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

Tgt Ion:104 Resp: 578569
Ion Ratio Lower Upper
104 100
78 42.2 29.9 55.5

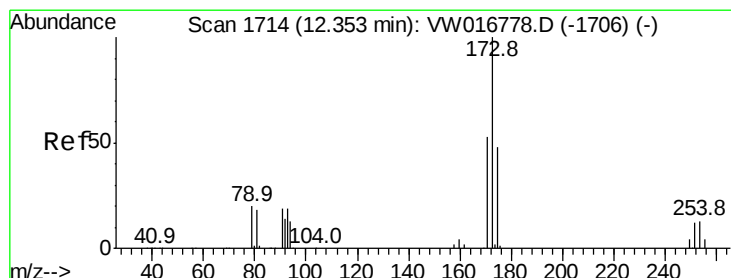
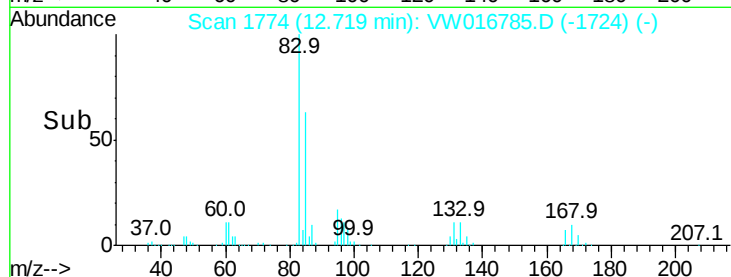
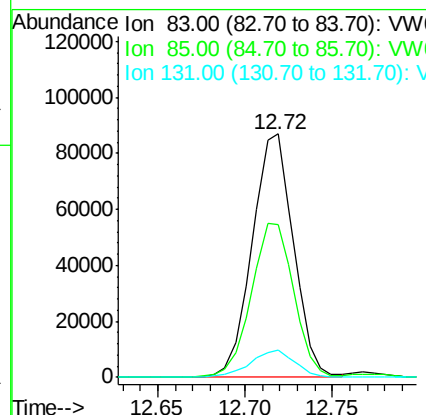
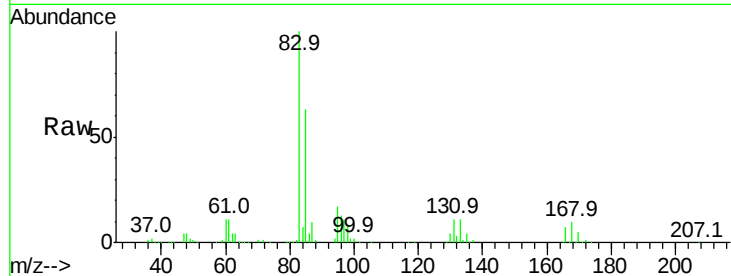




#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.223 ug/L
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.01 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

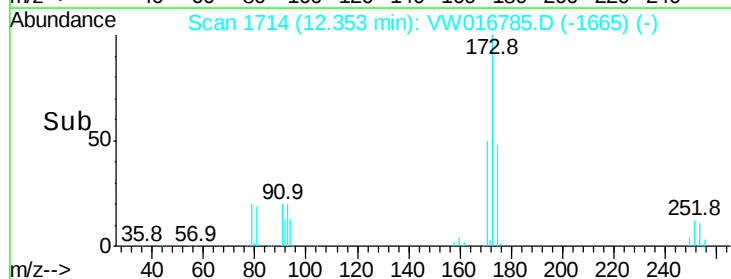
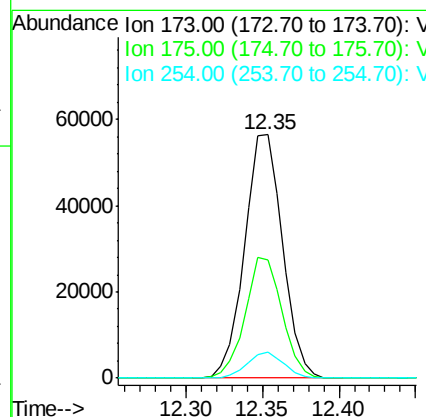
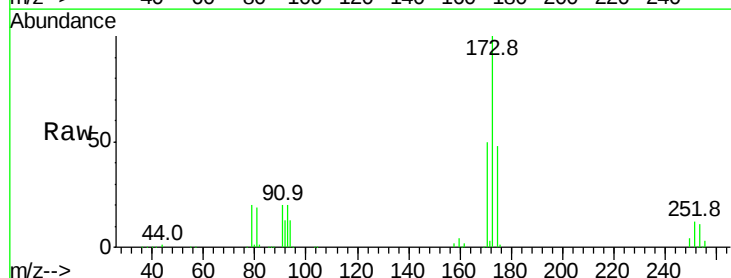
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

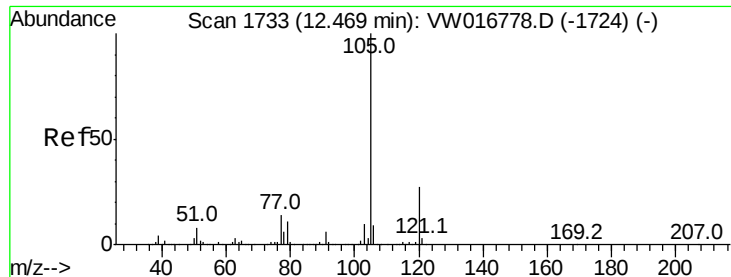
Tgt Ion: 83 Resp: 143031
 Ion Ratio Lower Upper
 83 100
 85 62.7 44.7 82.9
 131 11.0 8.6 13.0



#59
 Bromoform
 Concen: 24.708 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

Tgt Ion: 173 Resp: 97380
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.8 59.6
 254 10.2 9.3 13.9





#60

Isopropylbenzene

Concen: 25.463 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025103

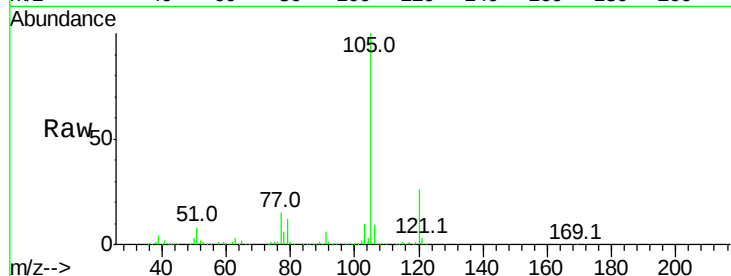
Tgt Ion: 105 Resp: 959411

Ion Ratio Lower Upper

105 100

120 26.9 21.7 32.5

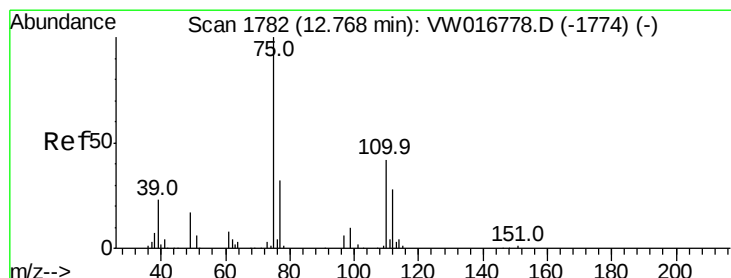
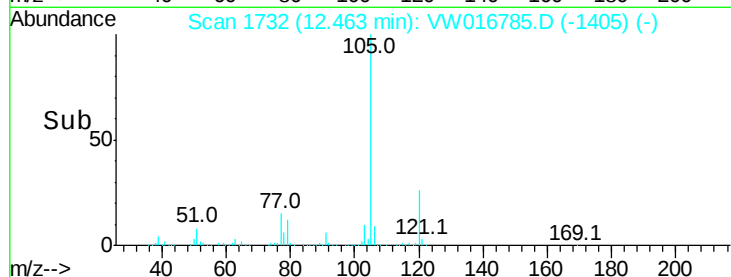
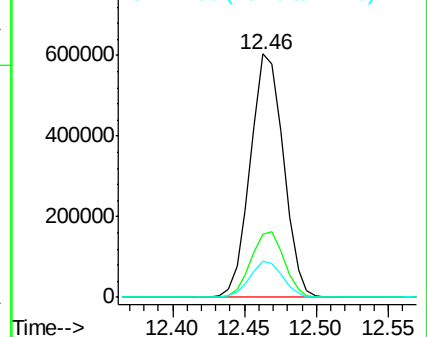
77 14.7 11.5 17.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 24.060 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

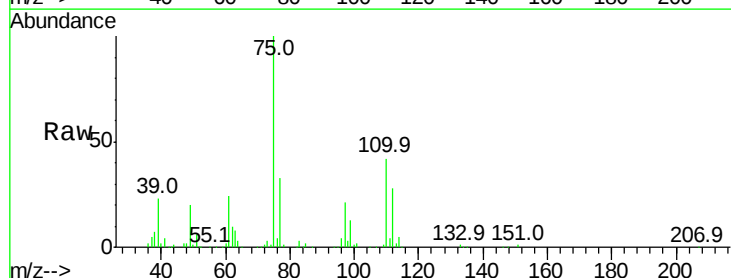
Tgt Ion: 75 Resp: 103175

Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

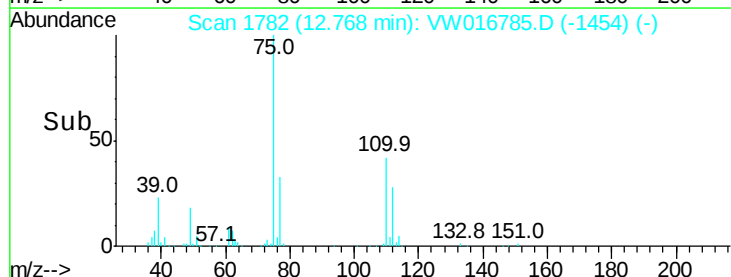
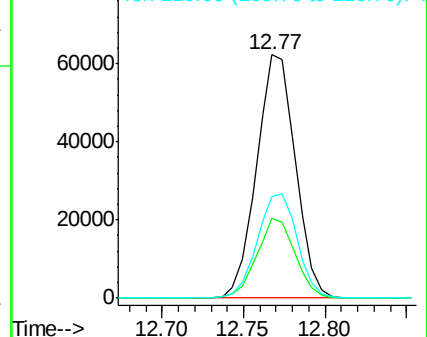
110 43.9 35.0 52.4

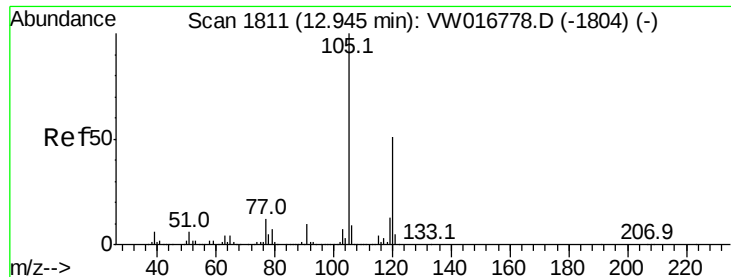


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 25.717 ug/L

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016785.D

Acq: 06 Oct 2020 07:35

Instrument :

MSVOA_W

ClientSampleId :

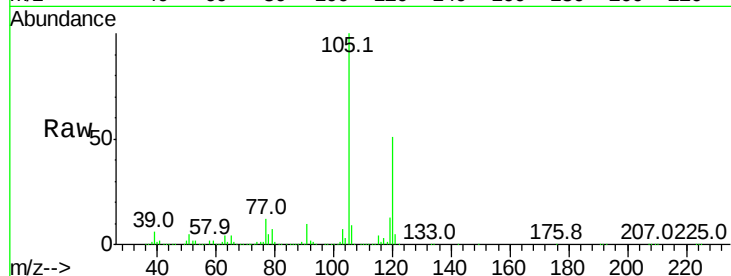
VSTD025103

Tgt Ion:105 Resp: 789754

Ion Ratio Lower Upper

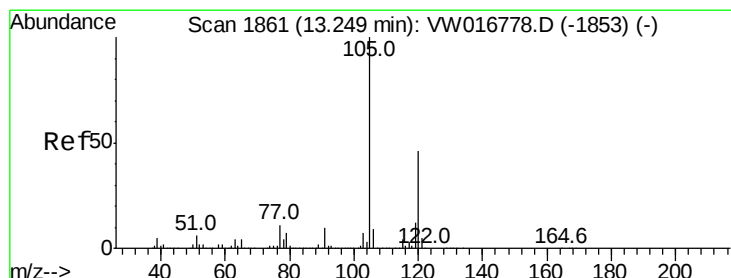
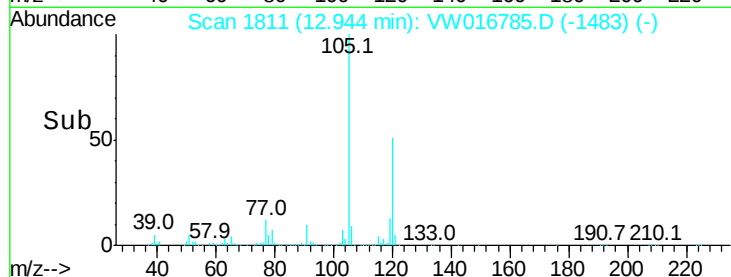
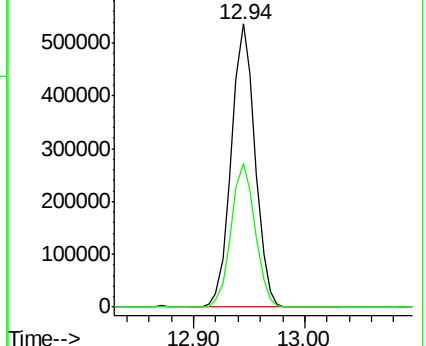
105 100

120 51.2 40.0 60.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 25.680 ug/L

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW016785.D

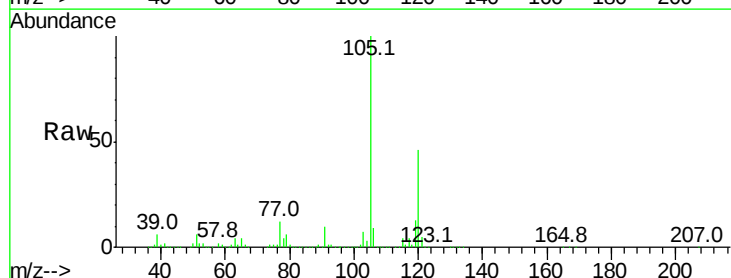
Acq: 06 Oct 2020 07:35

Tgt Ion:105 Resp: 736952

Ion Ratio Lower Upper

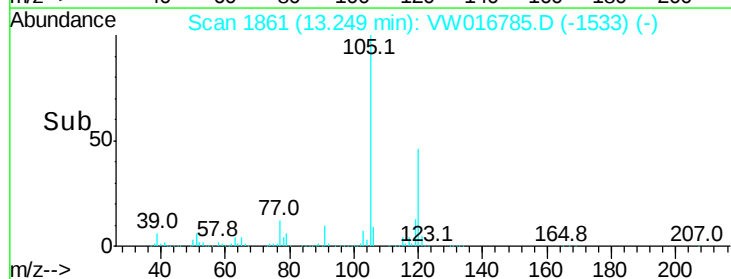
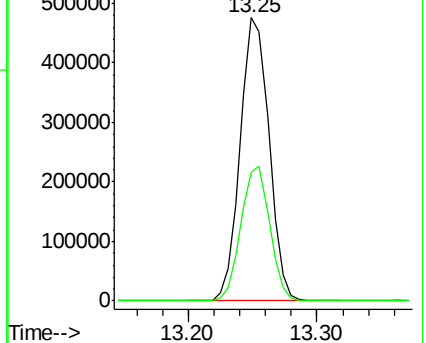
105 100

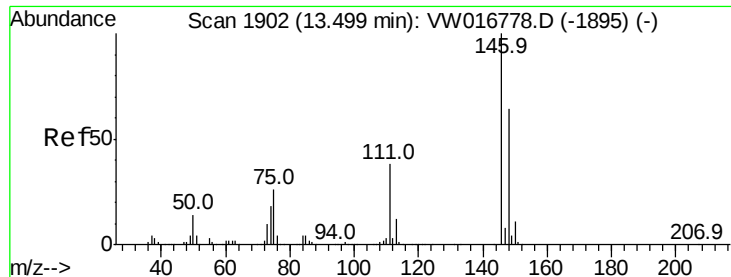
120 47.4 36.9 55.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

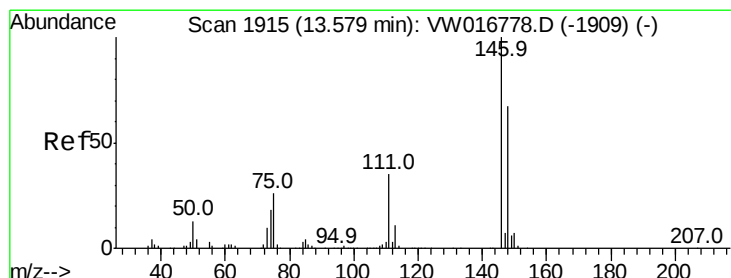
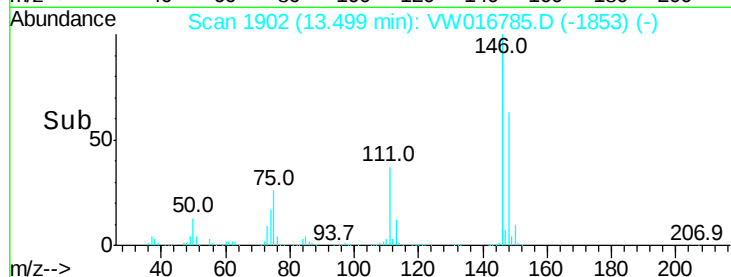
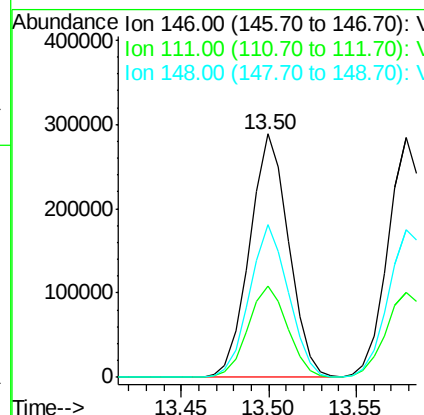
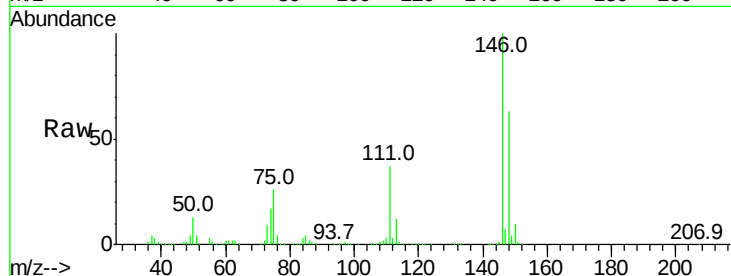




#64
 1,3-Dichlorobenzene
 Concen: 25.564 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

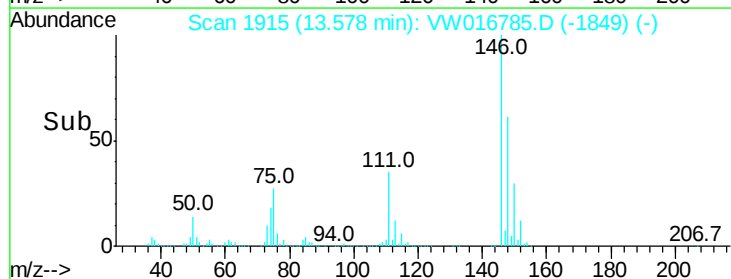
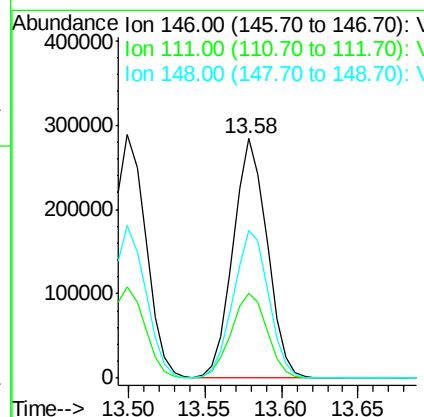
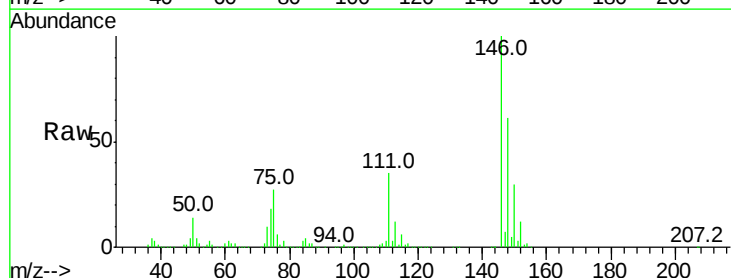
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

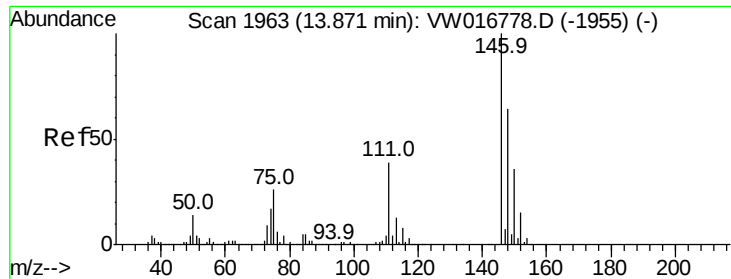
Tgt Ion:146 Resp: 448998
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.5 49.3
 148 62.6 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 25.267 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

Tgt Ion:146 Resp: 439962
 Ion Ratio Lower Upper
 146 100
 111 35.2 24.8 46.1
 148 61.4 46.8 86.8

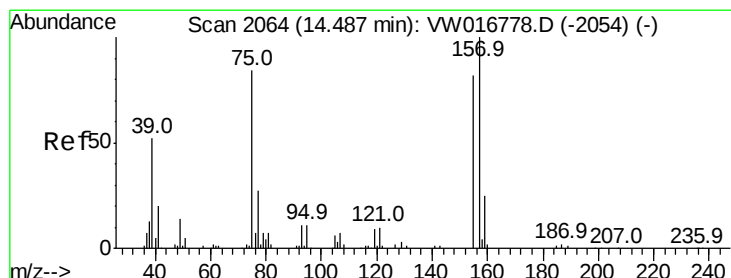
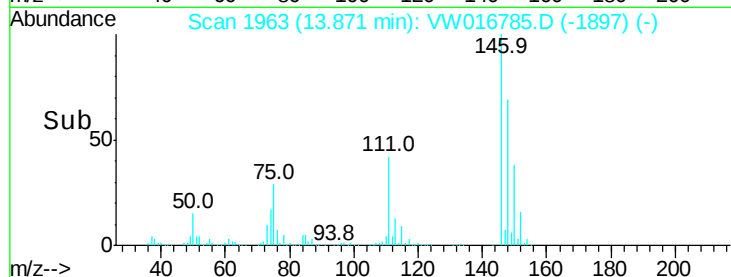
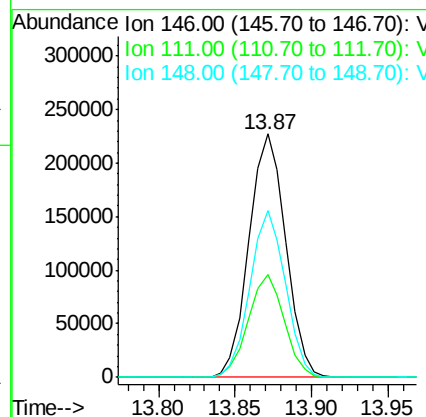
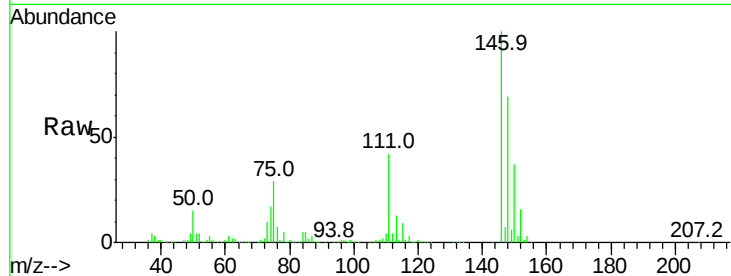




#67
 1,2-Dichlorobenzene
 Concen: 24.560 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

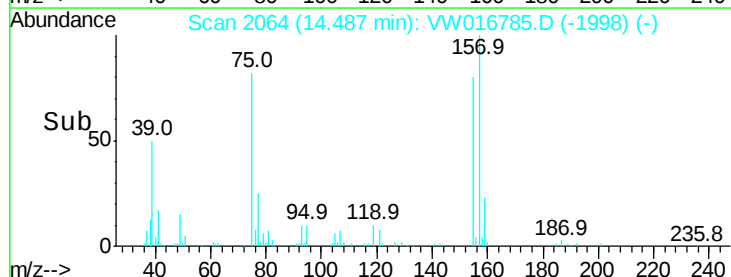
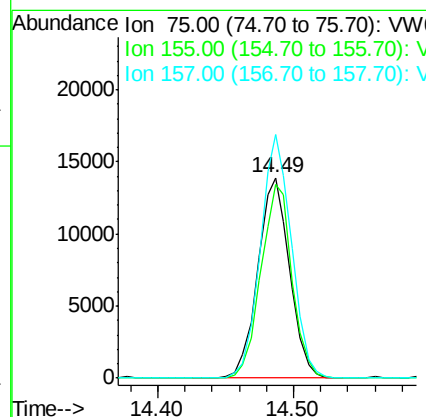
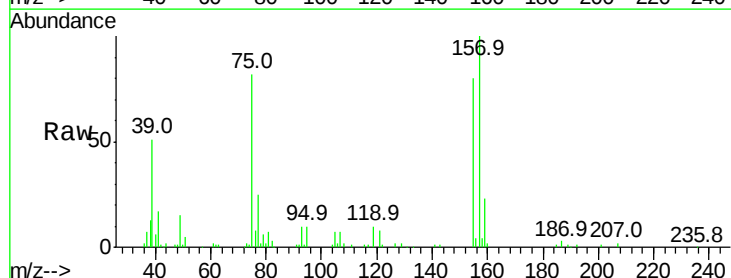
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

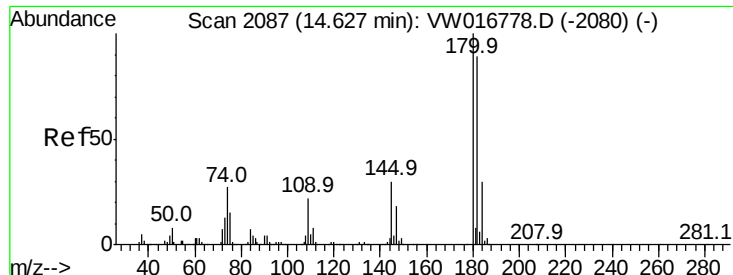
Tgt Ion: 146 Resp: 379613
 Ion Ratio Lower Upper
 146 100
 111 42.0 31.0 46.4
 148 68.6 51.5 77.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 24.732 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

Tgt Ion: 75 Resp: 22736
 Ion Ratio Lower Upper
 75 100
 155 96.8 77.4 116.2
 157 121.5 95.0 142.4

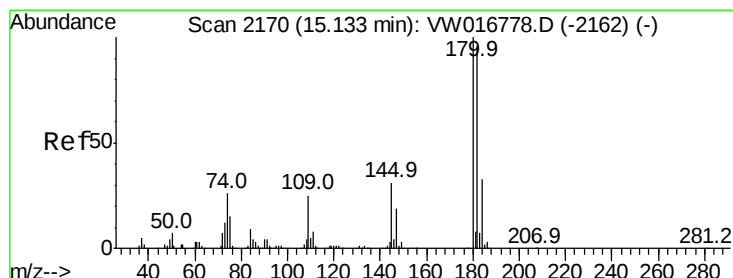
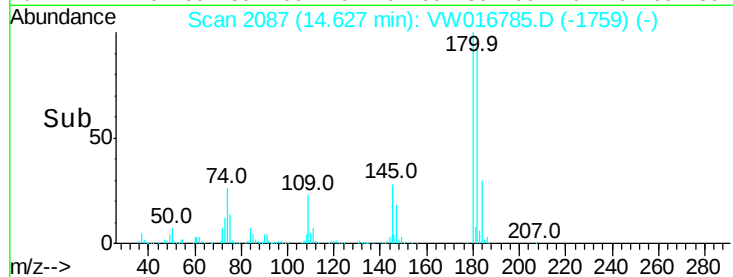
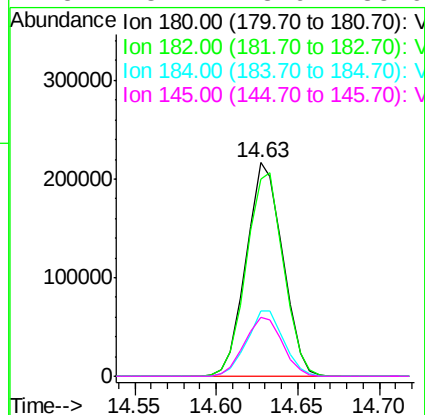
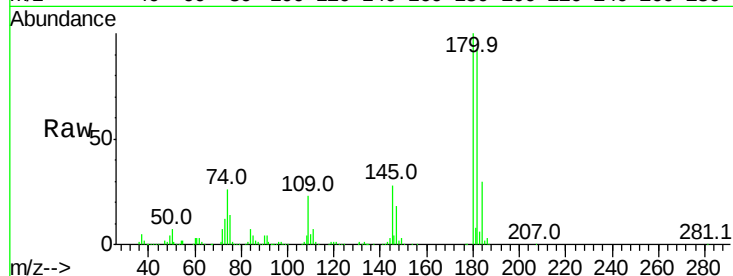




#69
 1,3,5-Trichlorobenzene
 Concen: 26.384 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

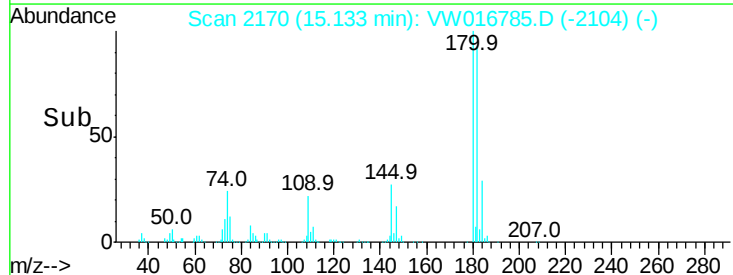
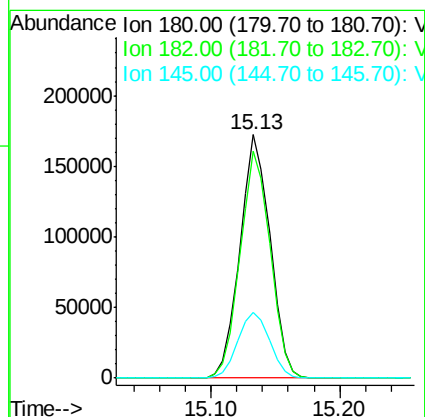
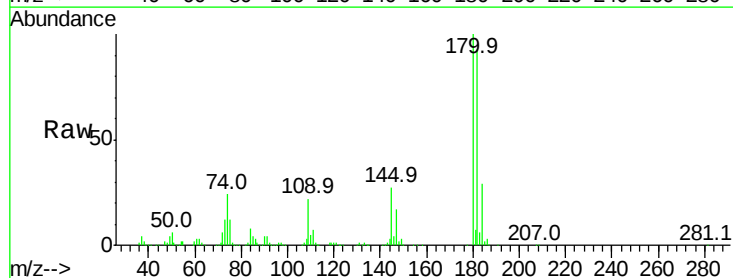
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

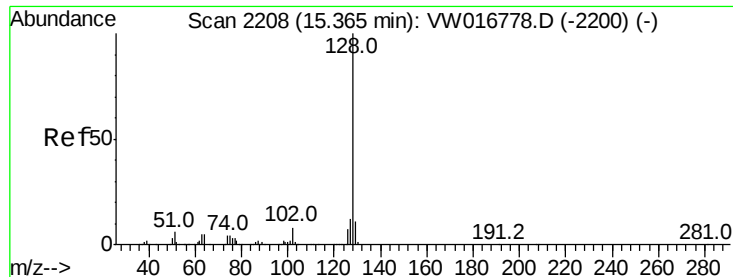
Tgt Ion:	180	Resp:	339404
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.0	112.4
184	30.7	24.6	37.0
145	28.4	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 27.440 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016785.D
 Acq: 06 Oct 2020 07:35

Tgt Ion:	180	Resp:	278635
Ion Ratio	Lower	Upper	
180	100		
182	93.4	74.7	112.1
145	28.7	23.4	35.0

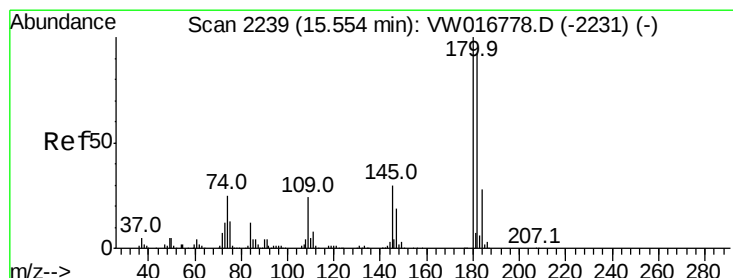
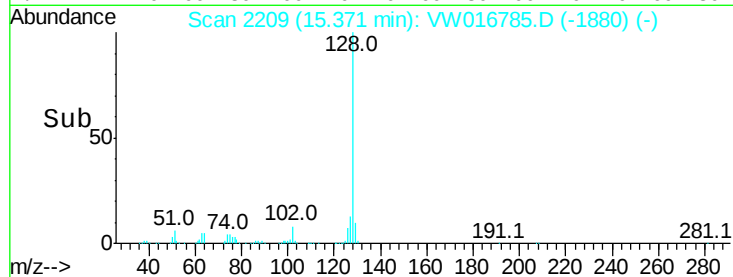
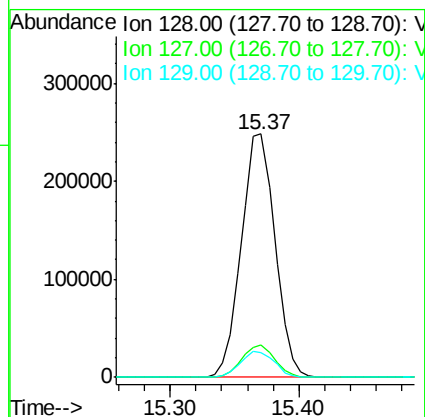
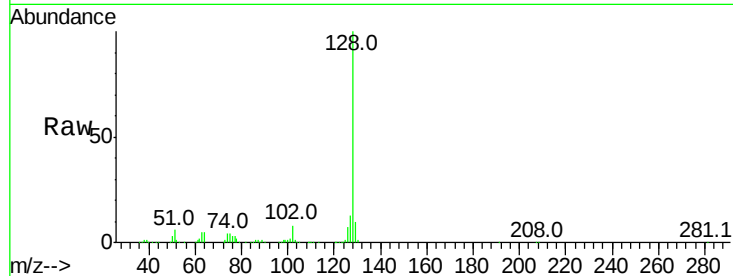




#71
Naphthalene
Concen: 27.500 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

Instrument :
MSVOA_W
ClientSampleId :
VSTD025103

Tgt Ion:128 Resp: 448846
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.090 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW016785.D
Acq: 06 Oct 2020 07:35

Tgt Ion:180 Resp: 232244
Ion Ratio Lower Upper
180 100
182 93.0 76.3 114.5
145 31.9 25.6 38.4

