

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017079.D
 Acq On : 04 Nov 2020 16:28
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Nov 05 06:31:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	522260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480165	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	183219	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.40%
7) Chloroethane-d5	2.89	69	138053	27.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.92%
10) 1,1-Dichloroethene-d2	4.03	63	308618	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.92%
20) 2-Butanone-d5	7.07	46	87460	59.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.90%
24) Chloroform-d	7.65	84	333385	27.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.36%
26) 1,2-Dichloroethane-d4	8.31	65	169264	27.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.68%
29) Benzene-d6	8.27	84	667832	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	185361	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.64%
37) Toluene-d8	10.32	98	635006	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.16%
38) trans-1,3-Dichloropropene-	10.58	79	86666	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.68%
39) 2-Hexanone-d5	10.93	63	73604	62.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173194	29.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	236823	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	130603	24.925	ug/L	96
3) Chloromethane	2.21	50	112478	23.651	ug/L	98
5) Vinyl chloride	2.37	62	171816	24.633	ug/L	99
6) Bromomethane	2.78	94	115582	23.962	ug/L	100
8) Chloroethane	2.93	64	103636	24.625	ug/L	98
9) Trichlorofluoromethane	3.26	101	129116	22.760	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	172033	25.520	ug/L	99
12) 1,1-Dichloroethene	4.04	96	160599	24.776	ug/L	95
13) Acetone	4.12	43	54213	55.040	ug/L	99
14) Carbon disulfide	4.39	76	432097	24.495	ug/L	99
15) Methyl Acetate	4.67	43	66998	27.443	ug/L	96
16) Methylene chloride	4.92	84	164362	23.343	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	208719	26.370	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	167351	24.941	ug/L	98
19) 1,1-Dichloroethane	6.22	63	270171	25.414	ug/L	99
21) 2-Butanone	7.17	43	87973	55.624	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	181123	25.530	ug/L	98

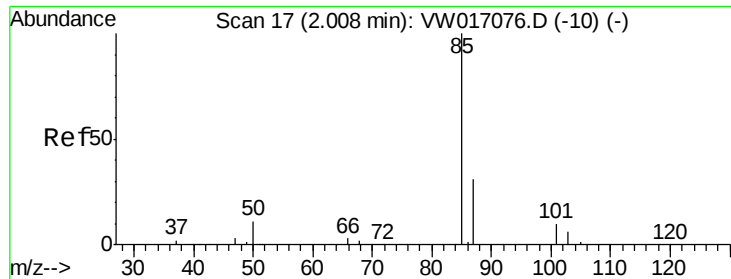
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	88983	26.051	ug/L	95
25) Chloroform	7.68	83	296352	25.606	ug/L	100
27) 1,2-Dichloroethane	8.40	62	180835	26.073	ug/L	99
30) Cyclohexane	7.96	56	229283	25.361	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	248720	25.294	ug/L	100
32) Carbon tetrachloride	8.07	117	238971	25.186	ug/L	98
34) Benzene	8.32	78	638645	25.330	ug/L	100
35) Trichloroethene	9.09	95	174255	24.672	ug/L	99
36) Methylcyclohexane	9.34	83	285082	25.084	ug/L	99
40) 1,2-Dichloropropane	9.37	63	151832	25.761	ug/L	100
41) Bromodichloromethane	9.65	83	211983	26.005	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	246548	26.410	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	192451	52.925	ug/L	100
44) Toluene	10.39	91	719374	25.921	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	215211	26.843	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	133977	26.365	ug/L	98
47) Tetrachloroethene	10.87	164	152815	23.981	ug/L	97
49) 2-Hexanone	10.97	43	131107	59.805	ug/L	96
50) Dibromochloromethane	11.13	129	165281	26.697	ug/L	96
51) 1,2-Dibromoethane	11.24	107	131220	26.580	ug/L	99
52) Chlorobenzene	11.66	112	484355	25.804	ug/L	99
53) Ethylbenzene	11.73	91	798759	25.767	ug/L	99
54) m,p-Xylene	11.84	106	309903	25.557	ug/L	98
55) o-xylene	12.16	106	296743	25.782	ug/L	92
56) Styrene	12.18	104	508863	26.333	ug/L	99
57) Isopropylbenzene	12.46	105	823625	26.367	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	160791	27.390	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	116129	27.521	ug/L	99
62) Bromoform	12.35	173	101312	26.958	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	394295	25.890	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	389228	25.439	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	358511	26.104	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	25811	28.425	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	295426	26.324	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	259009	28.920	ug/L	97
69) Naphthalene	15.36	128	503156	30.529	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	230075	28.116	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 24.925 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

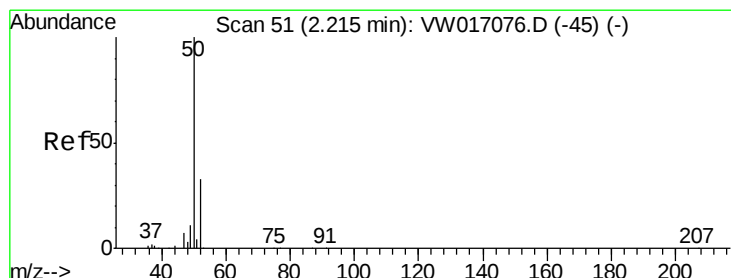
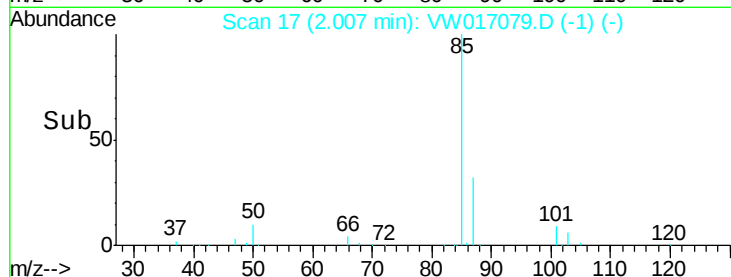
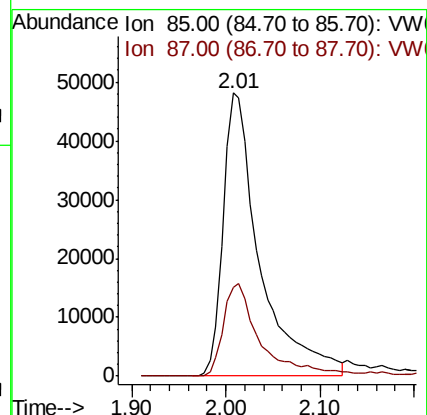
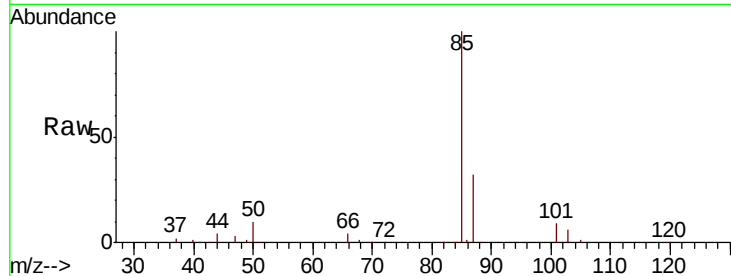
VICV03

Tot Ion: 85 Resp: 130603

Ion Ratio Lower Upper

85 100

87 33.0 21.5 39.9



#3

Chloromethane

Concen: 23.651 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW017079.D

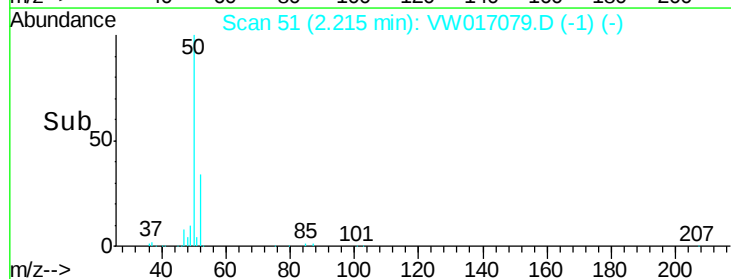
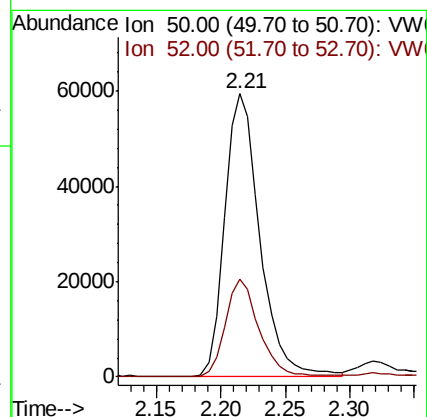
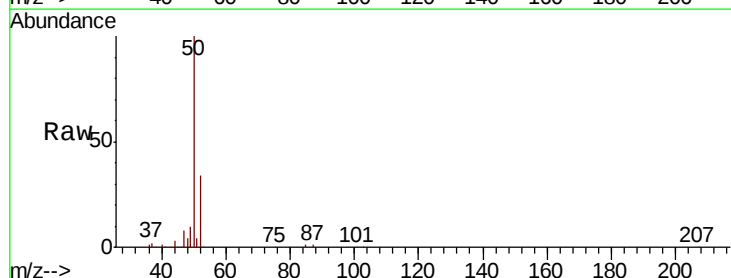
Acq: 04 Nov 2020 16:28

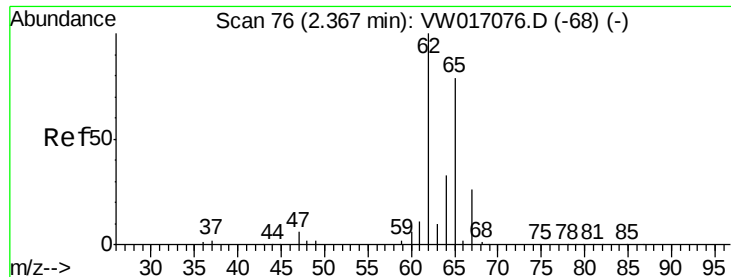
Tgt Ion: 50 Resp: 112478

Ion Ratio Lower Upper

50 100

52 34.4 23.1 42.9





#5

Vinyl chloride

Concen: 24.633 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

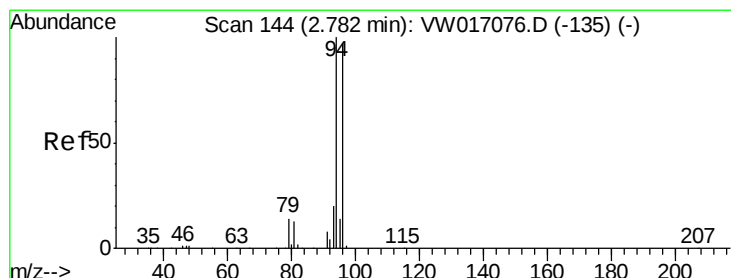
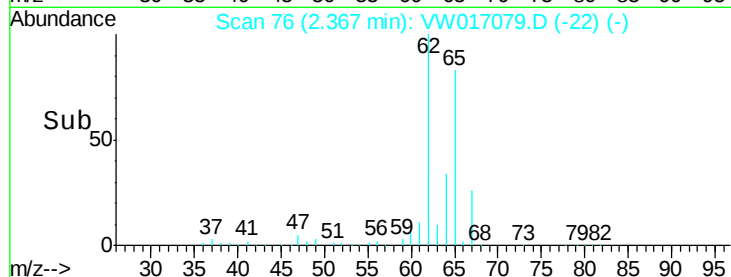
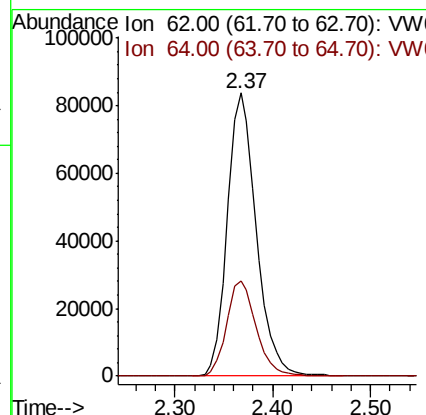
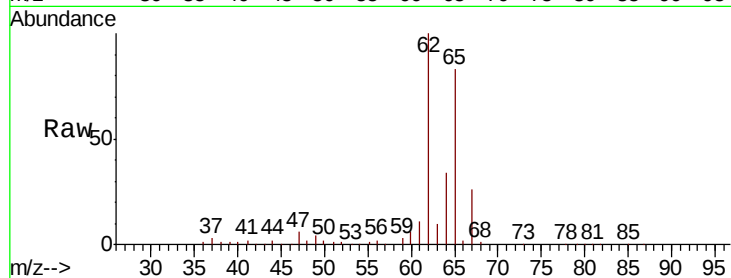
VICV03

Tot Ion: 62 Resp: 171816

Ion Ratio Lower Upper

62 100

64 33.7 23.3 43.3



#6

Bromomethane

Concen: 23.962 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW017079.D

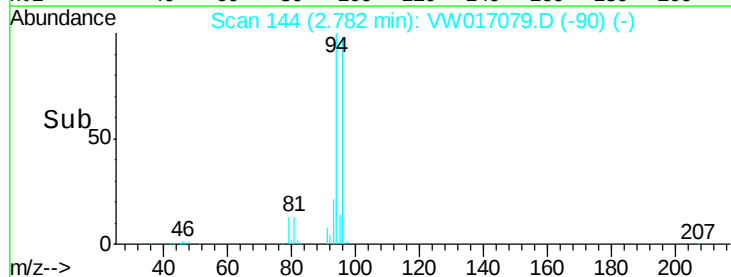
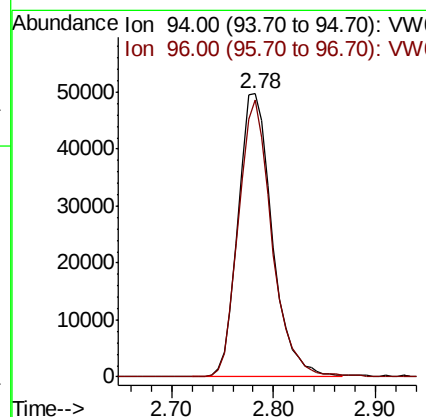
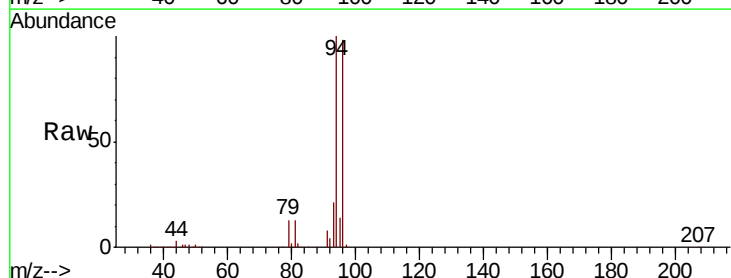
Acq: 04 Nov 2020 16:28

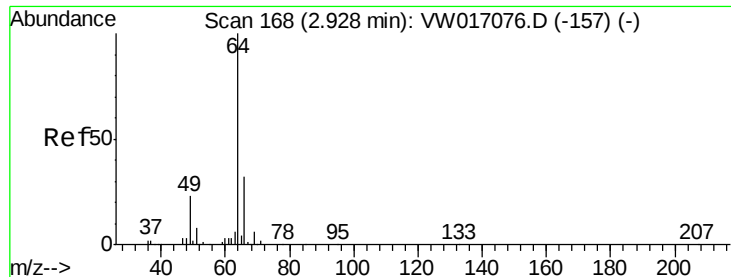
Tgt Ion: 94 Resp: 115582

Ion Ratio Lower Upper

94 100

96 95.3 9.6 181.8





#8

Chloroethane

Concen: 24.625 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

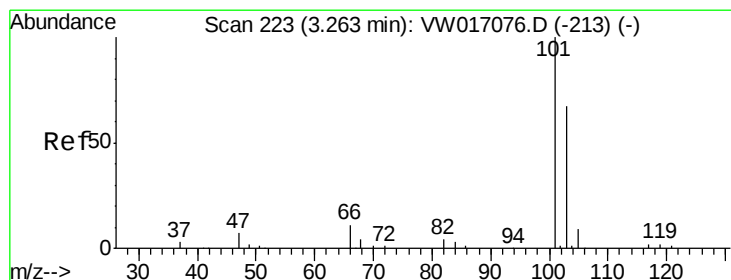
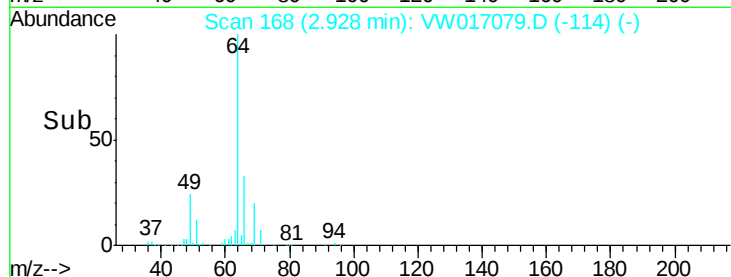
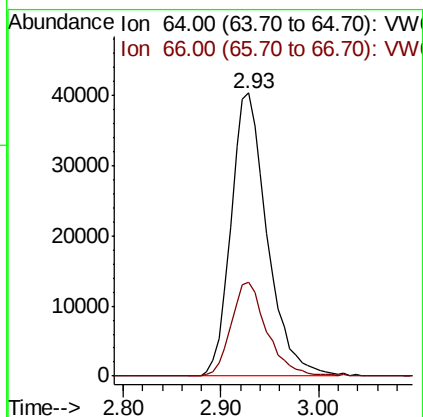
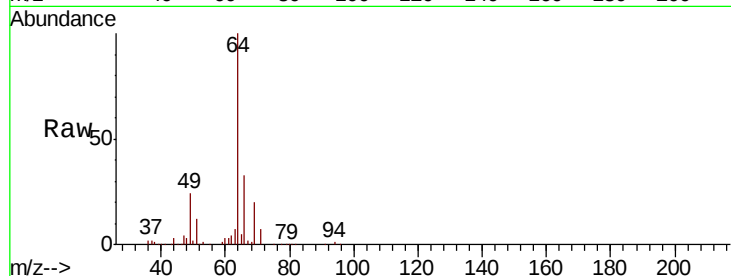
VICV03

Tot Ion: 64 Resp: 103636

Ion Ratio Lower Upper

64 100

66 33.0 22.3 41.5



#9

Trichlorofluoromethane

Concen: 22.760 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW017079.D

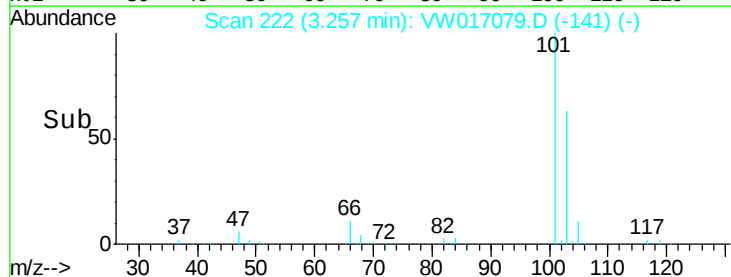
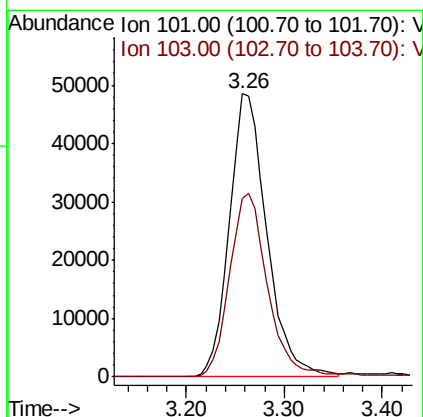
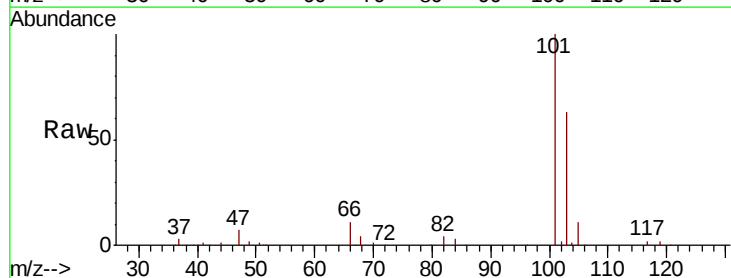
Acq: 04 Nov 2020 16:28

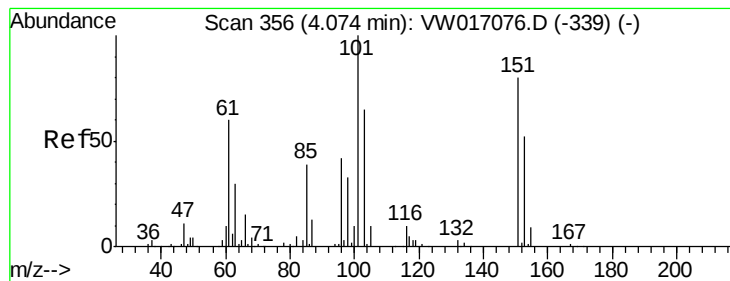
Tgt Ion: 101 Resp: 129116

Ion Ratio Lower Upper

101 100

103 65.5 45.4 84.2





#11

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

Concen: 25.520 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

VICV03

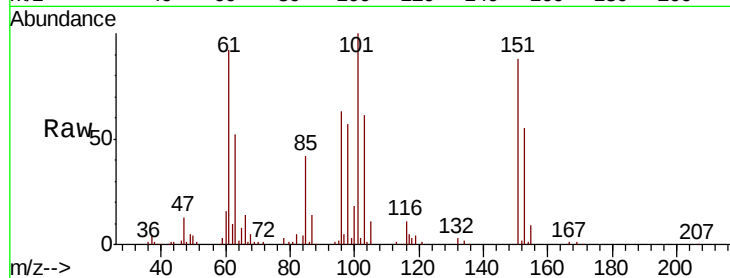
Tot Ion:101 Resp: 172033

Ion Ratio Lower Upper

101 100

85 39.8 32.8 49.2

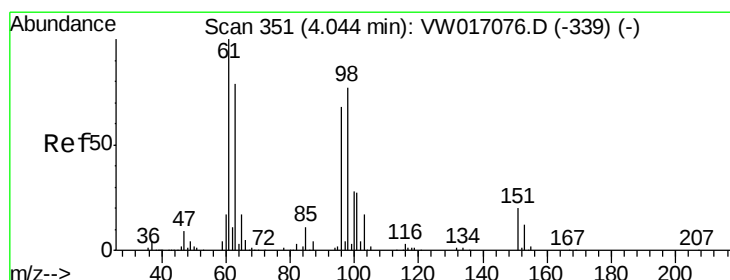
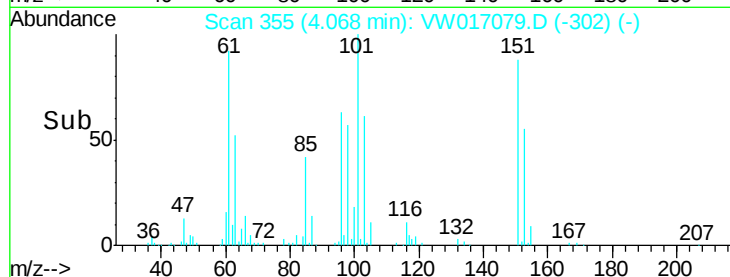
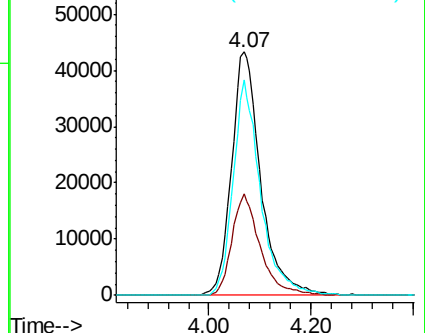
151 82.6 65.4 98.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.776 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

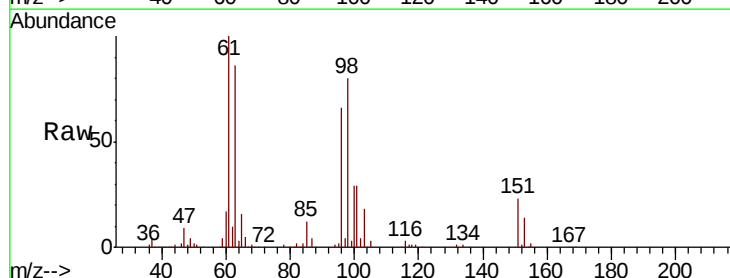
Tgt Ion: 96 Resp: 160599

Ion Ratio Lower Upper

96 100

61 150.5 103.8 192.8

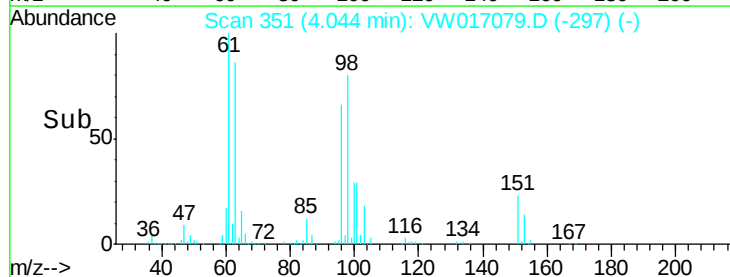
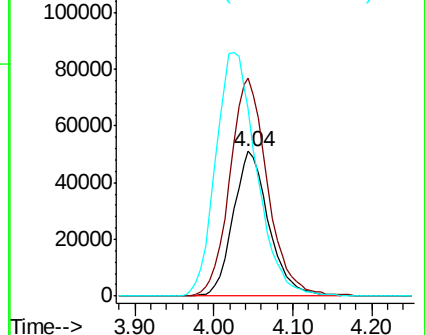
63 129.5 84.4 156.7

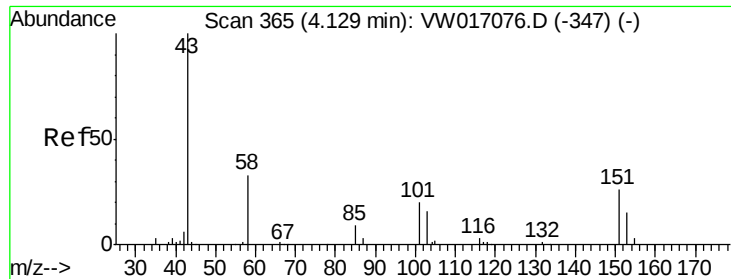


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 55.040 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

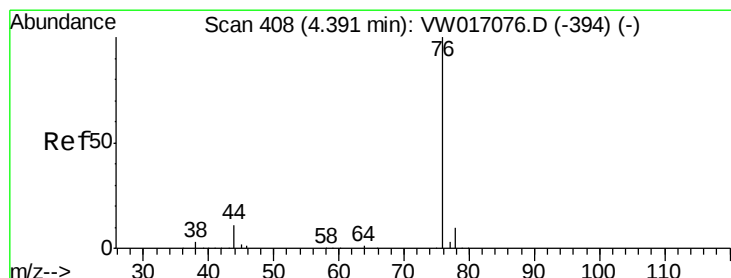
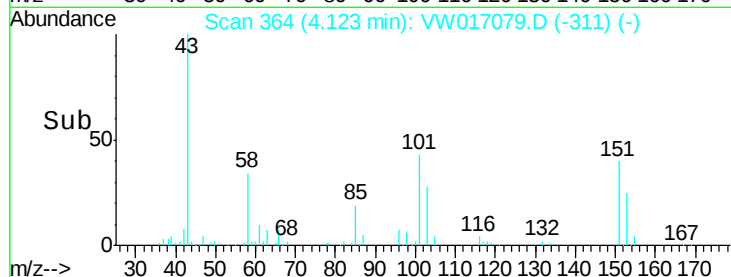
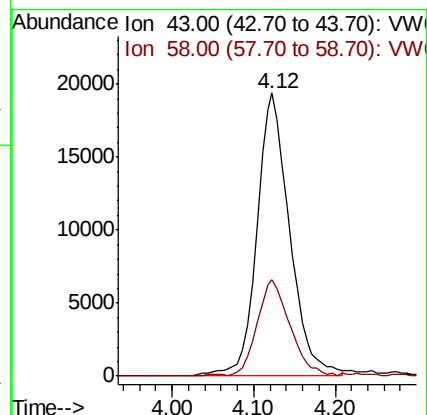
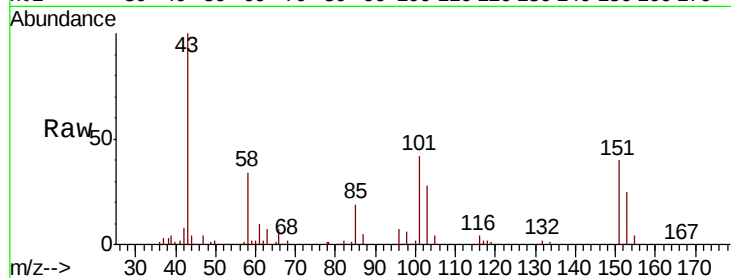
VICV03

Tot Ion: 43 Resp: 54213

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



#14

Carbon disulfide

Concen: 24.495 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017079.D

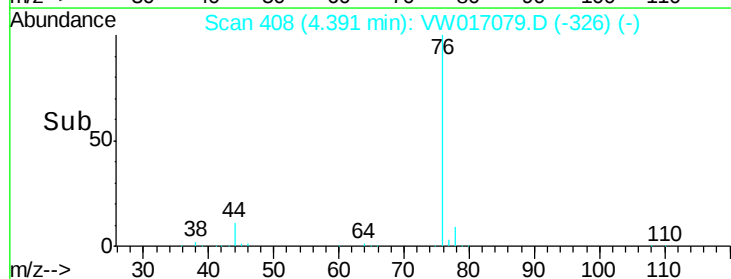
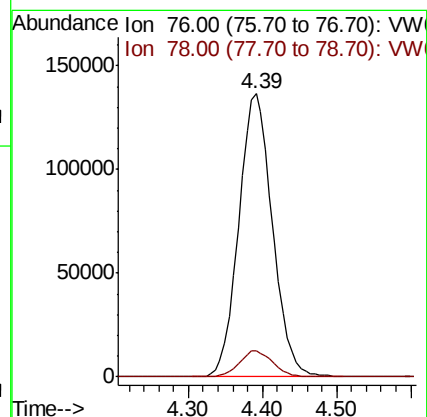
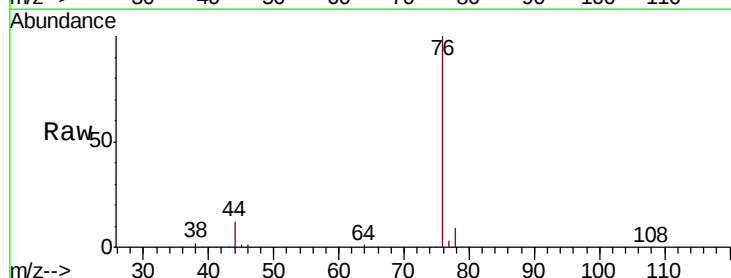
Acq: 04 Nov 2020 16:28

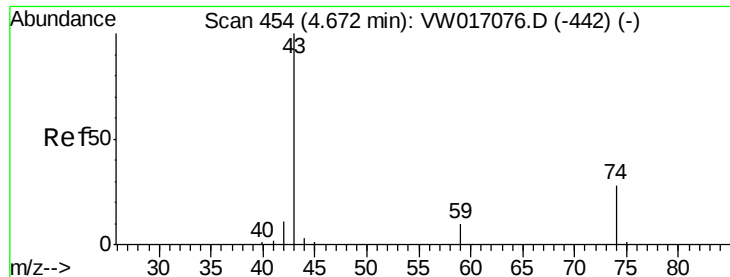
Tgt Ion: 76 Resp: 432097

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

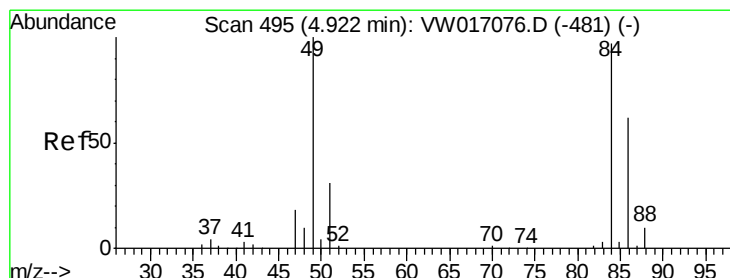
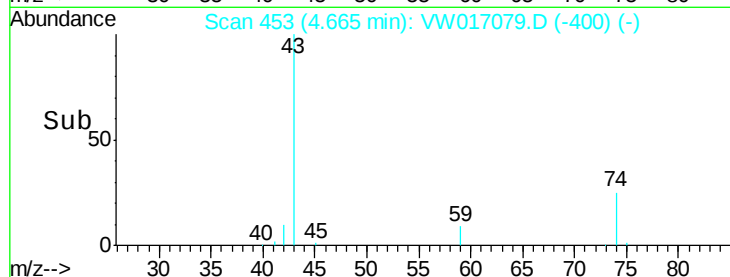
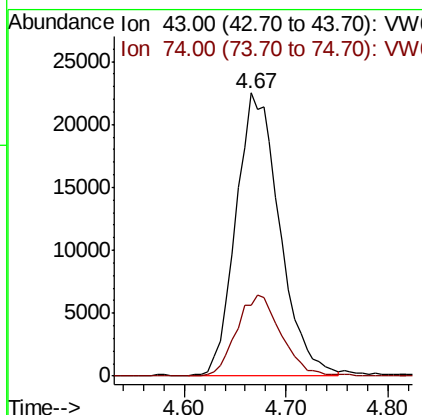
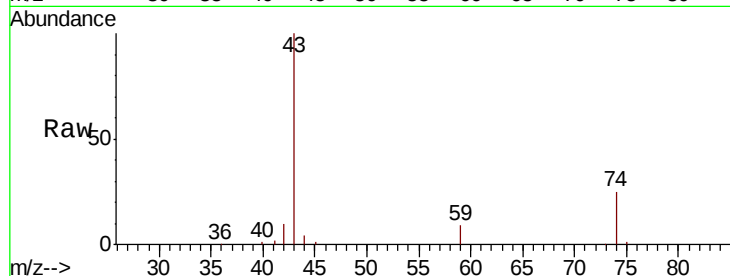




#15
Methvl Acetate
Concen: 27.443 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

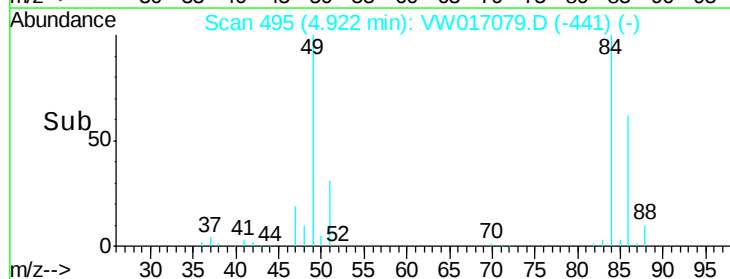
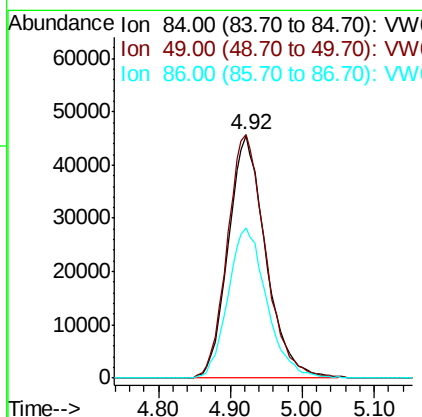
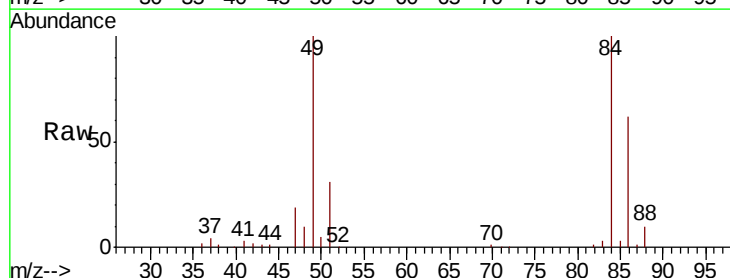
Instrument :
MSVOA_W
ClientSampled :
VICV03

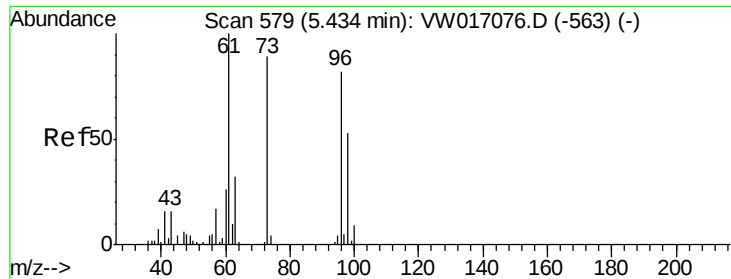
Tot Ion: 43 Resp: 66998
Ion Ratio Lower Upper
43 100
74 29.0 21.5 32.3



#16
Methylene chloride
Concen: 23.343 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 84 Resp: 164362
Ion Ratio Lower Upper
84 100
49 100.3 72.3 134.3
86 61.8 45.1 83.7

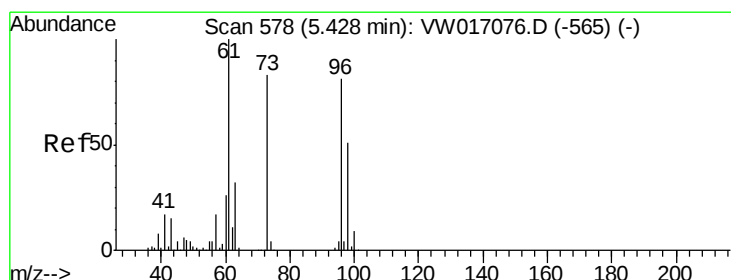
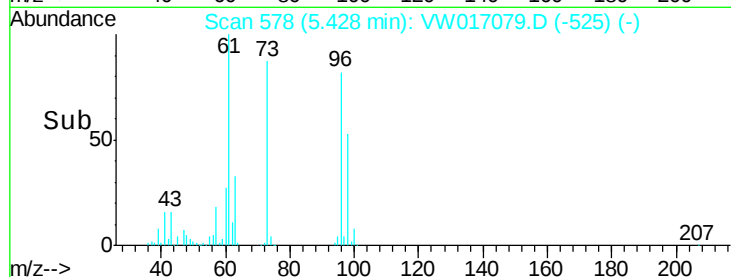
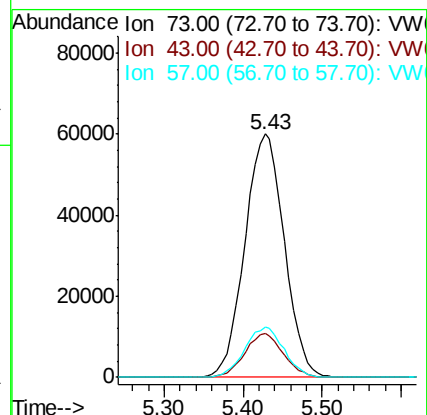
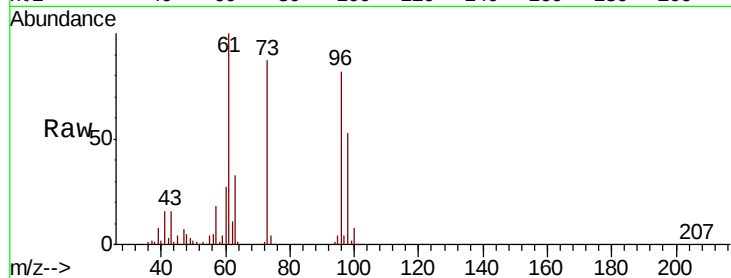




#17
Methvl tert-butvl Ether
Concen: 26.370 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

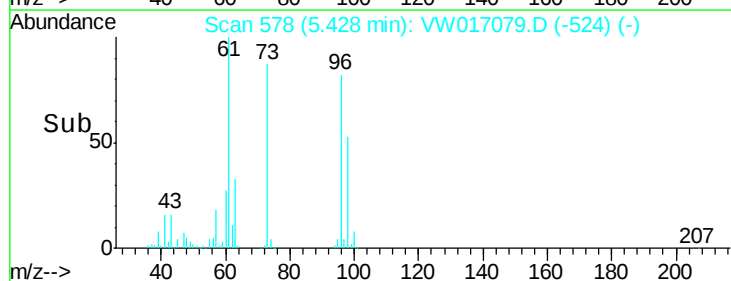
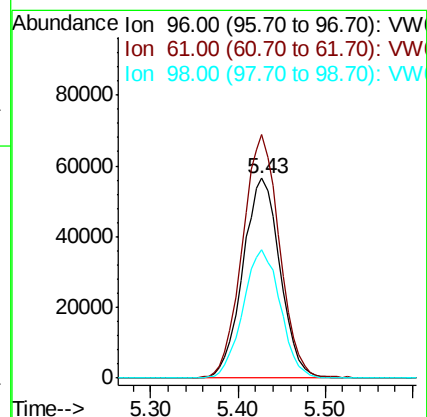
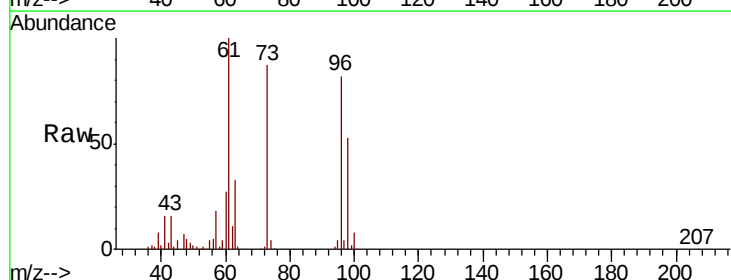
Instrument :
MSVOA_W
ClientSampled :
VICV03

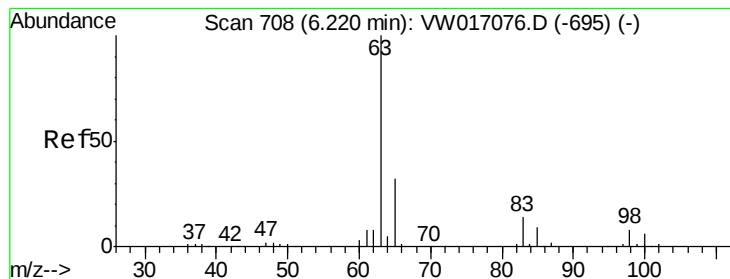
Tot Ion: 73 Resp: 208719
Ion Ratio Lower Upper
73 100
43 17.7 14.5 21.7
57 20.6 16.3 24.5



#18
trans-1,2-Dichloroethene
Concen: 24.941 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 96 Resp: 167351
Ion Ratio Lower Upper
96 100
61 121.8 86.8 161.2
98 64.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 25.414 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

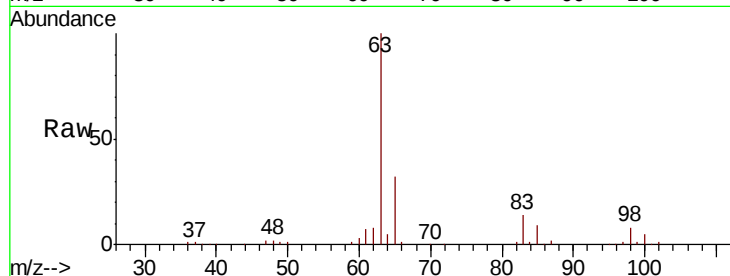
Tot Ion: 63 Resp: 270171

Ion Ratio Lower Upper

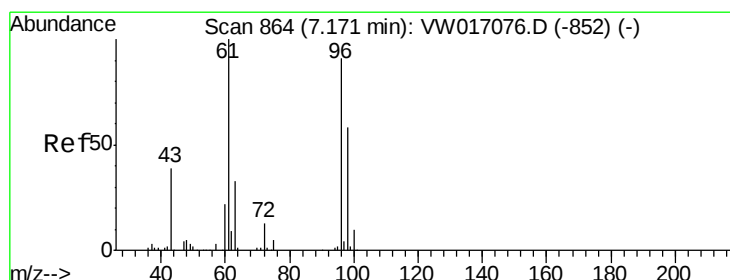
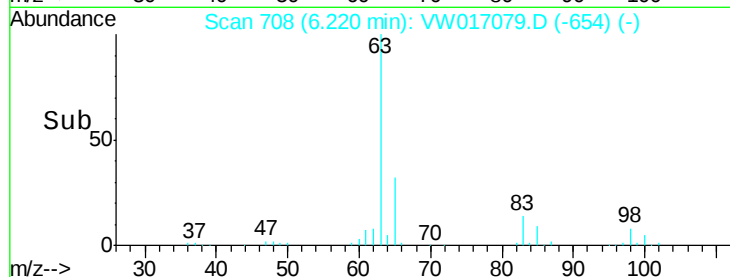
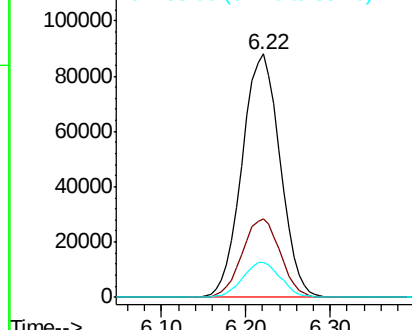
63 100

65 32.1 22.1 41.1

83 14.3 10.0 18.6



Abundance Ion 63.00 (62.70 to 63.70): VW
120000 Ion 65.00 (64.70 to 65.70): VW
100000 Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 55.624 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW017079.D

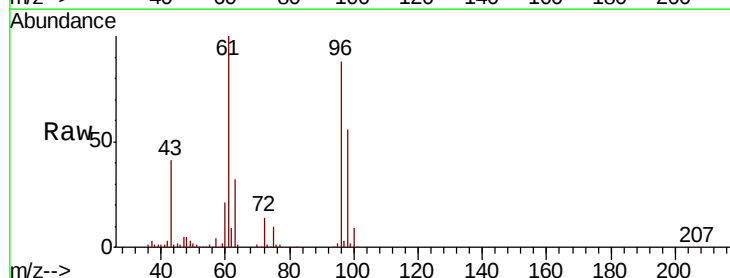
Acq: 04 Nov 2020 16:28

Tgt Ion: 43 Resp: 87973

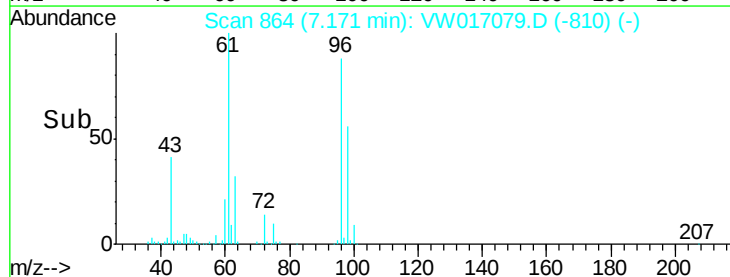
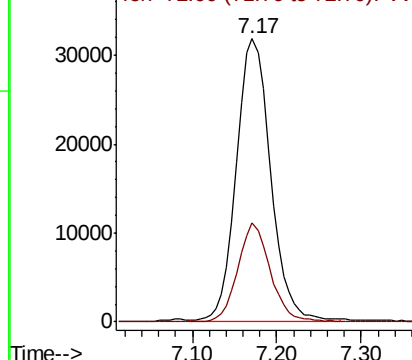
Ion Ratio Lower Upper

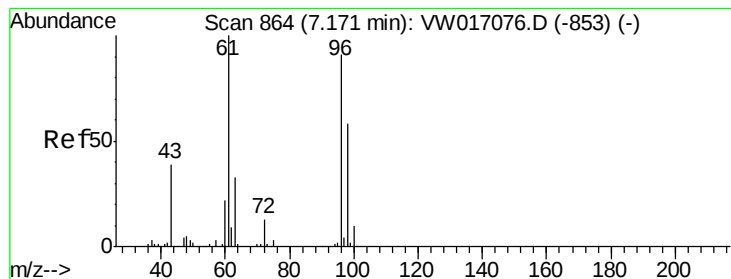
43 100

72 32.8 16.1 48.3



Abundance Ion 43.00 (42.70 to 43.70): VW
30000 Ion 72.00 (71.70 to 72.70): VW



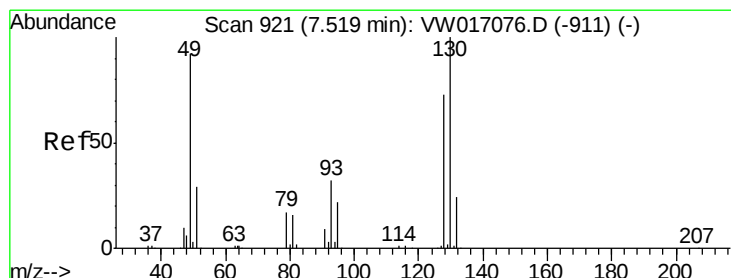
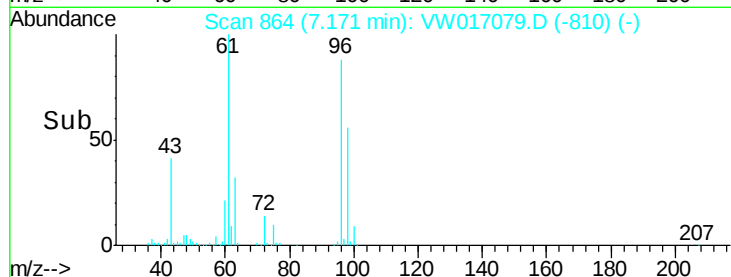
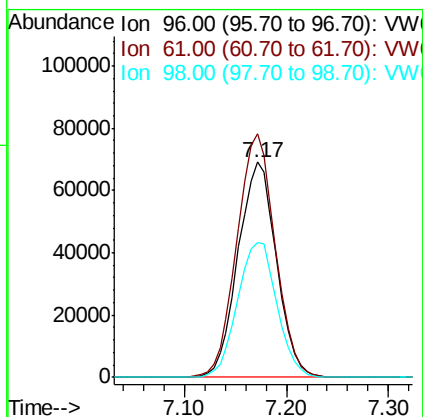
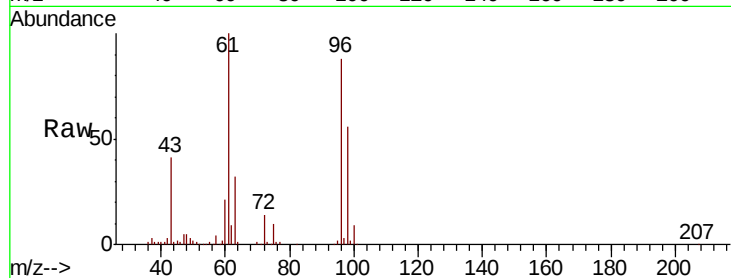


#22

cis-1,2-Dichloroethene
Concen: 25.530 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Instrument :
MSVOA_W
ClientSampled :
VICV03

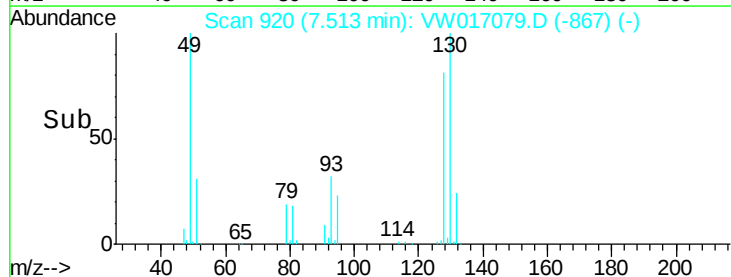
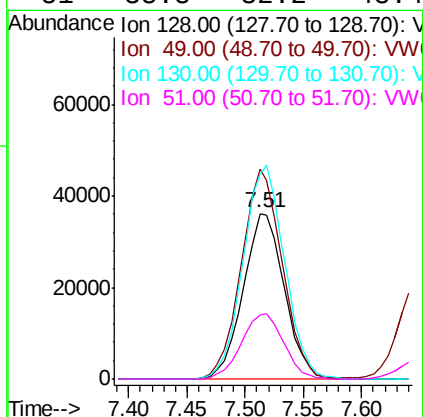
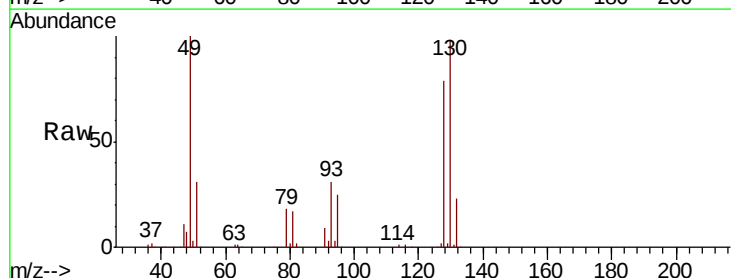
Tot Ion: 96 Resp: 181123
Ion Ratio Lower Upper
96 100
61 113.2 77.4 143.8
98 63.0 45.1 83.7

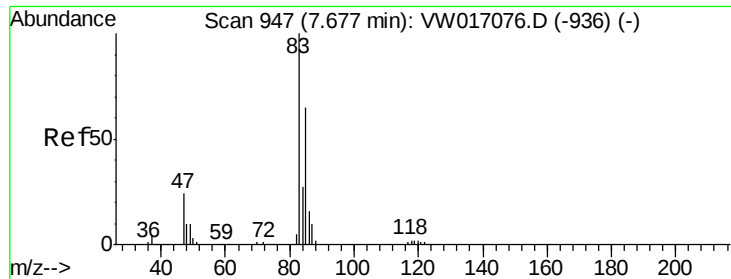


#23

Bromochloromethane
Concen: 26.051 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 128 Resp: 88983
Ion Ratio Lower Upper
128 100
49 126.5 88.3 163.9
130 123.3 95.6 177.6
51 38.8 32.2 48.4

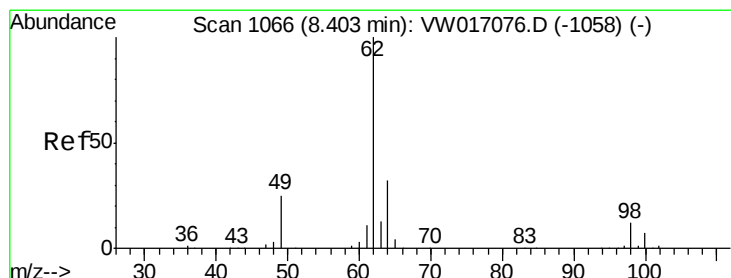
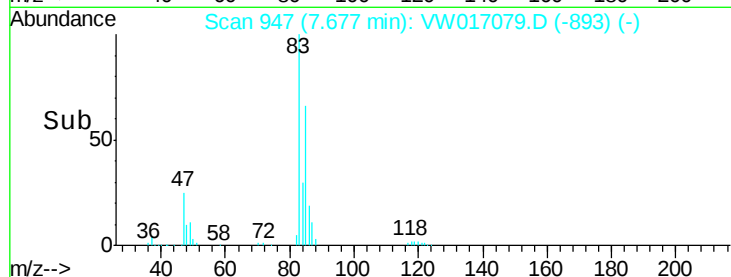
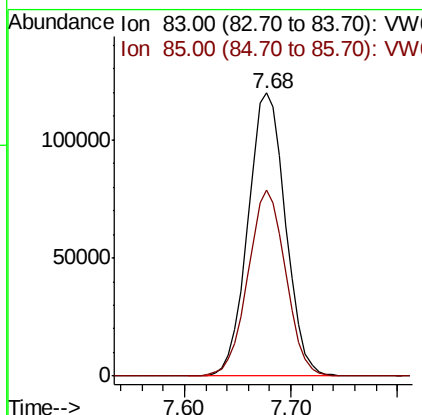
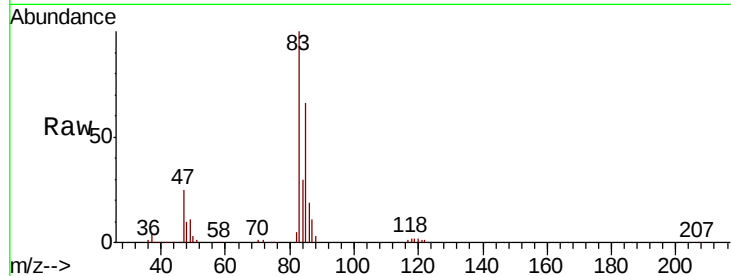




#25
Chloroform
Concen: 25.606 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

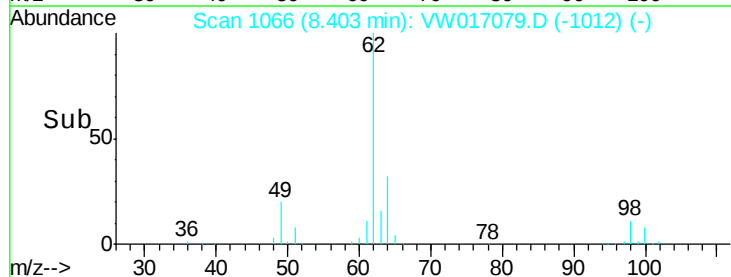
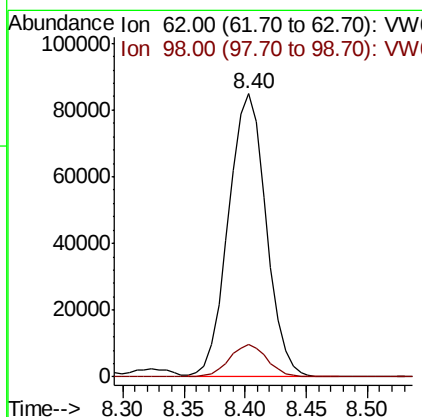
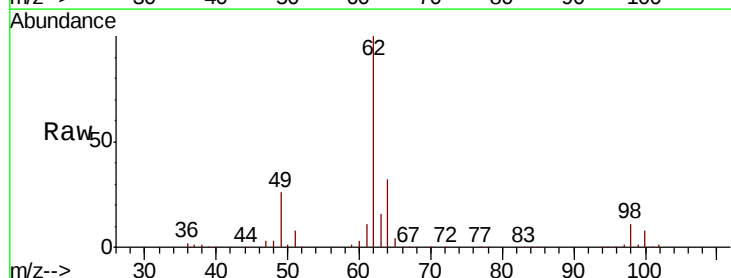
Instrument :
MSVOA_W
ClientSampleId :
VICV03

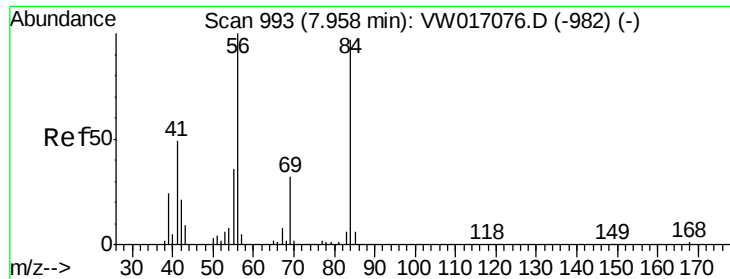
Tot Ion: 83 Resp: 296352
Ion Ratio Lower Upper
83 100
85 66.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.073 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 62 Resp: 180835
Ion Ratio Lower Upper
62 100
98 11.3 9.4 14.0

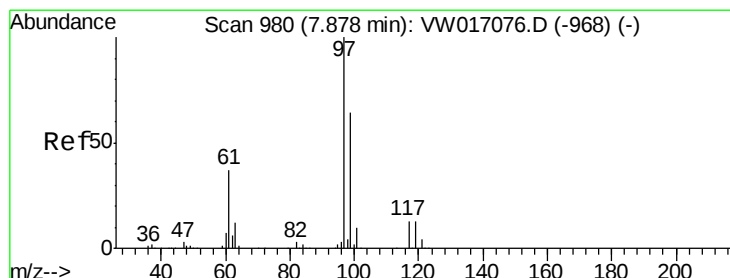
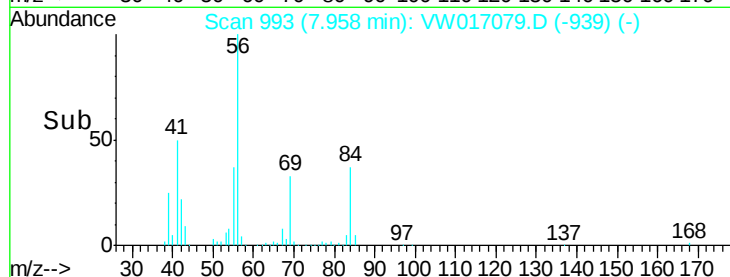
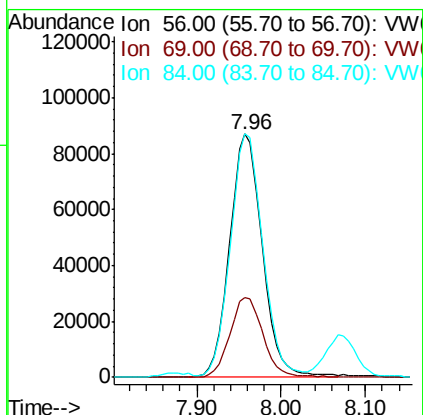
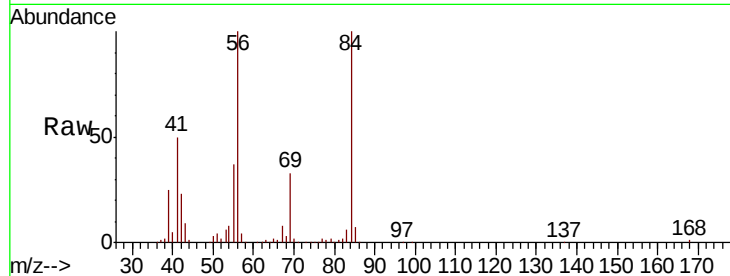




#30
Cyclohexane
Concen: 25.361 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

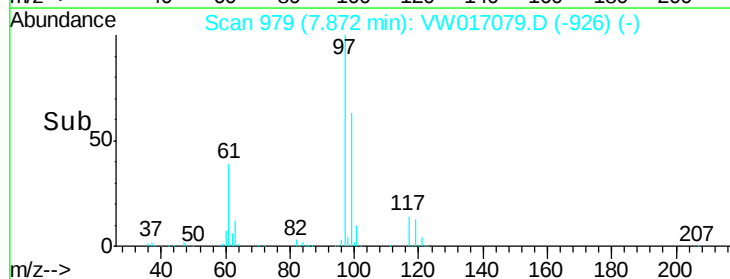
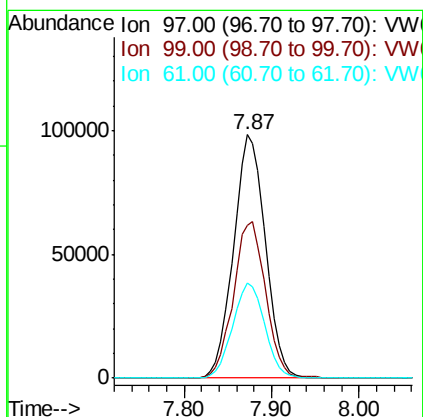
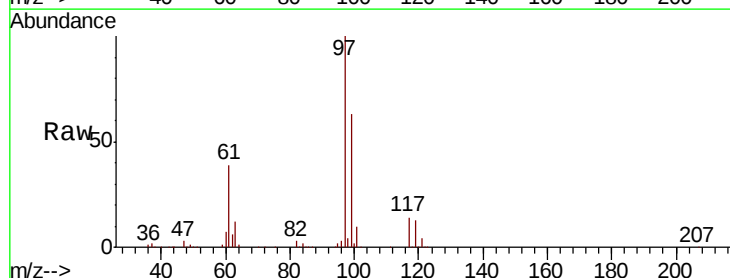
Instrument :
MSVOA_W
ClientSampleId :
VICV03

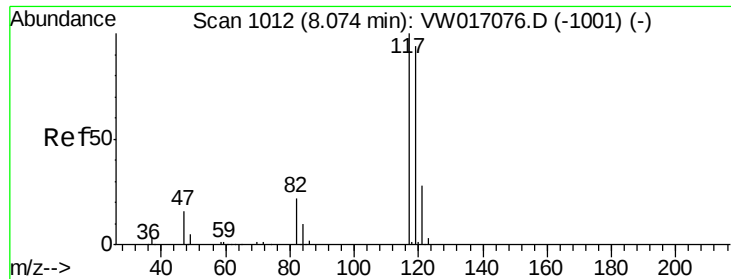
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.1	39.1
84	98.4	79.1	118.7



#31
1,1,1-Trichloroethane
Concen: 25.294 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	39.4	31.6	47.4





#32

Carbon tetrachloride

Concen: 25.186 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

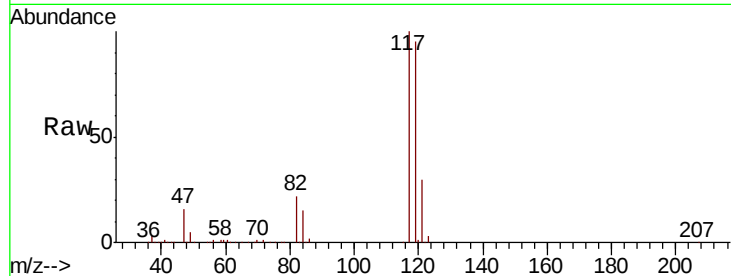
VICV03

Tot Ion:117 Resp: 238971

Ion Ratio Lower Upper

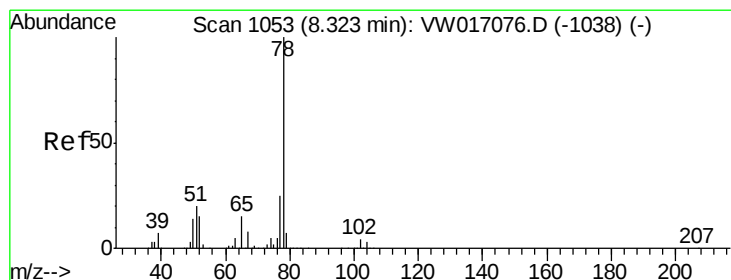
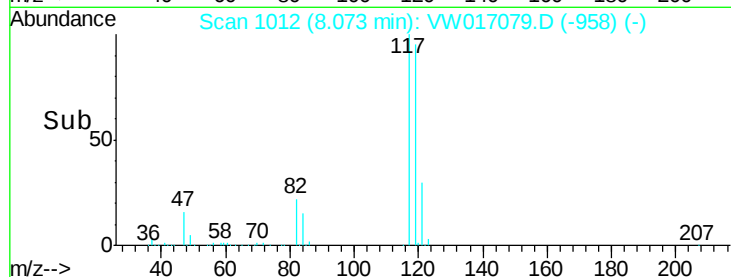
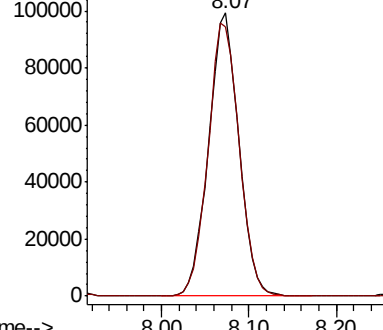
117 100

119 98.9 77.7 116.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.330 ug/L

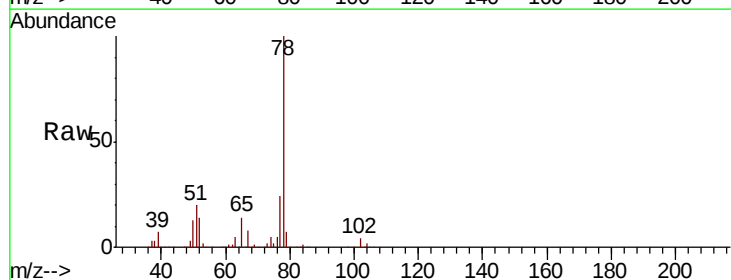
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

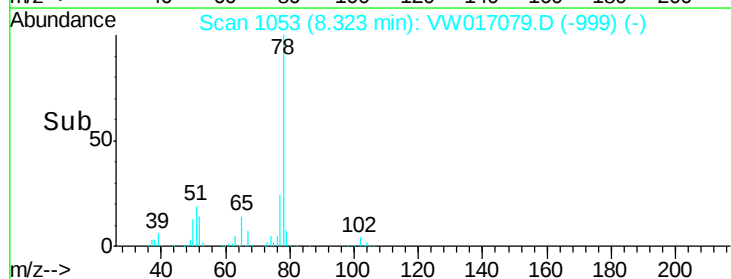
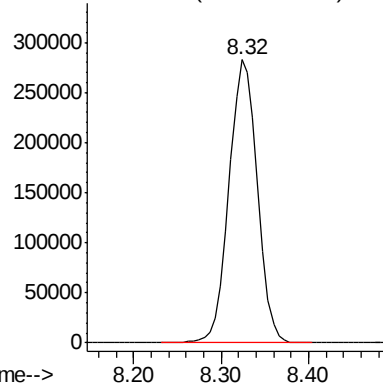
Lab File: VW017079.D

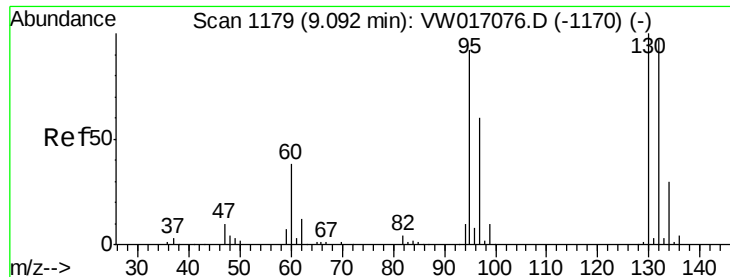
Acq: 04 Nov 2020 16:28

Tgt Ion: 78 Resp: 638645



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 24.672 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

Tot Ion: 95 Resp: 174255

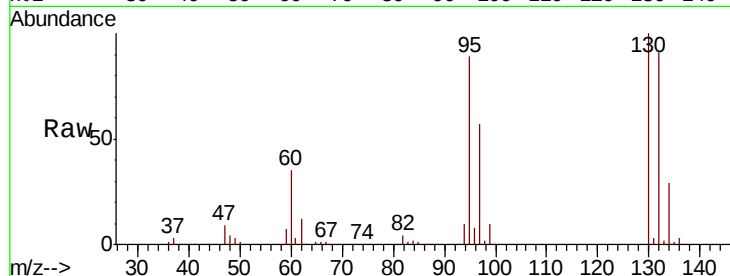
Ion Ratio Lower Upper

95 100

97 65.2 45.0 83.6

132 107.1 73.7 136.9

130 110.7 77.1 143.1

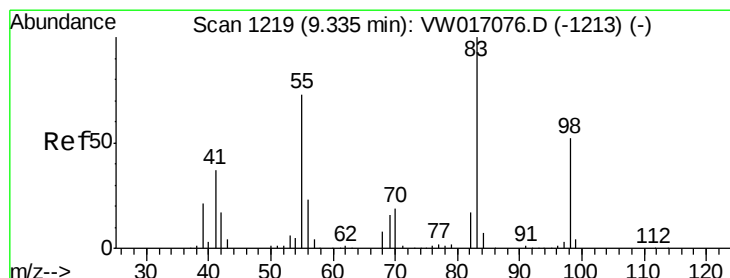
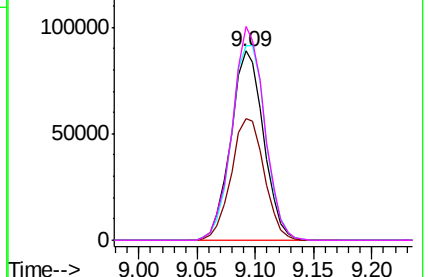
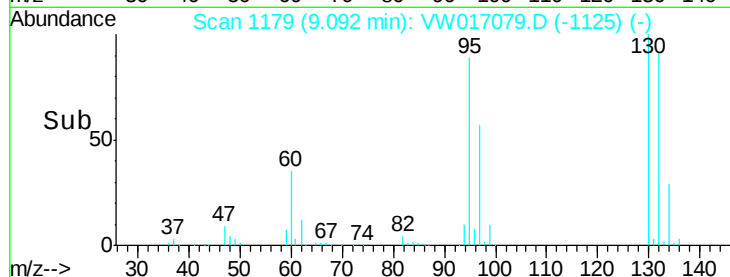


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 25.084 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

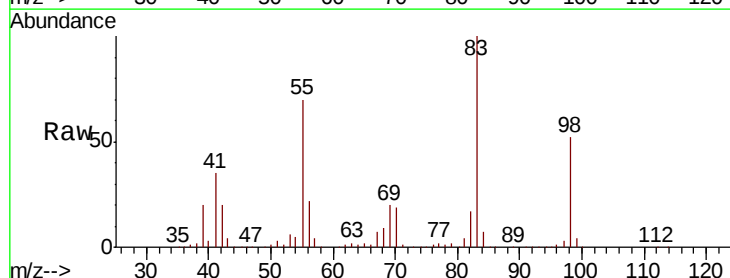
Tgt Ion: 83 Resp: 285082

Ion Ratio Lower Upper

83 100

55 67.7 54.4 81.6

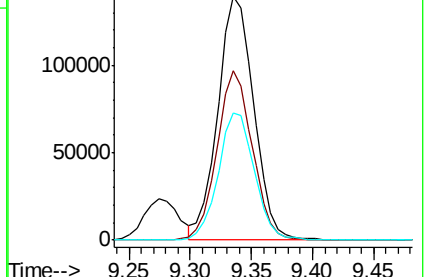
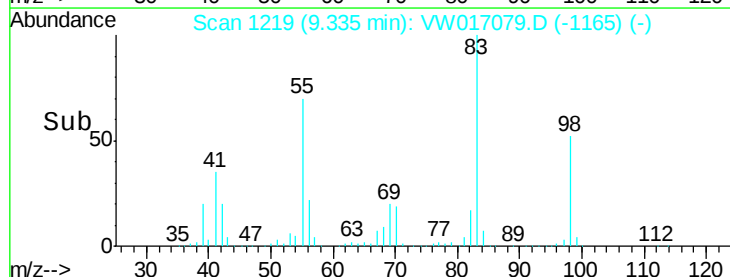
98 52.4 40.5 60.7

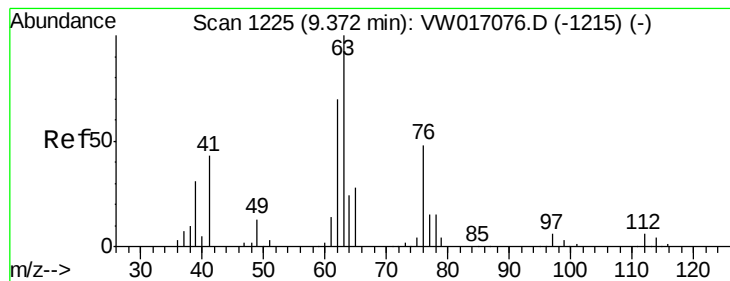


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 25.761 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

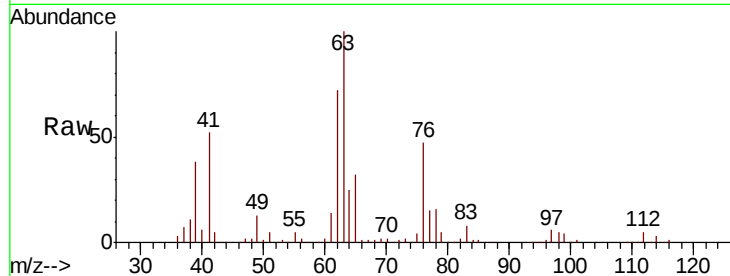
VICV03

Tot Ion: 63 Resp: 151832

Ion Ratio Lower Upper

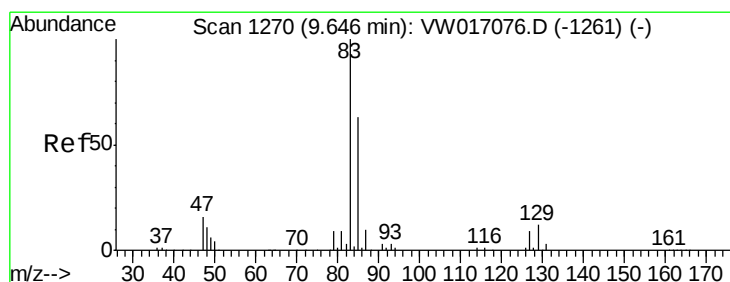
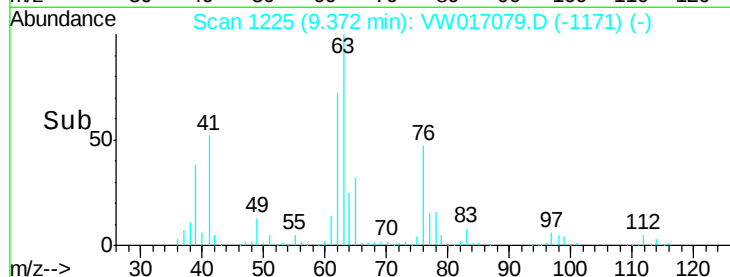
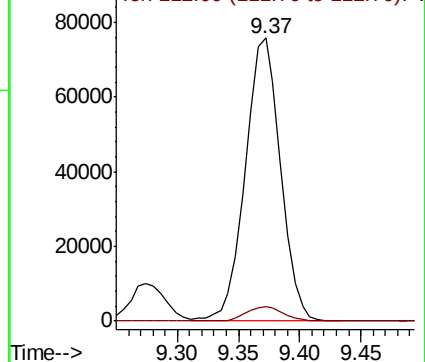
63 100

112 5.3 4.2 6.2



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 26.005 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

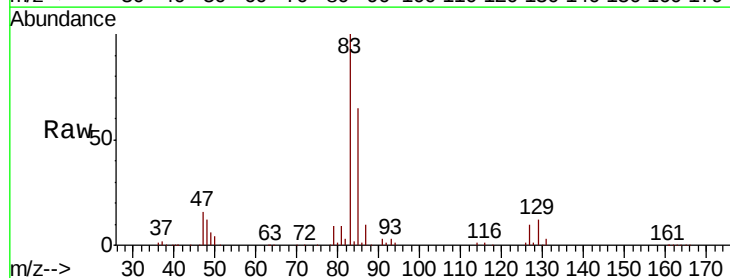
Tgt Ion: 83 Resp: 211983

Ion Ratio Lower Upper

83 100

85 65.3 44.4 82.4

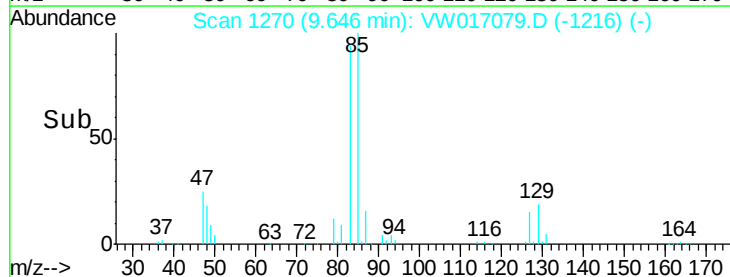
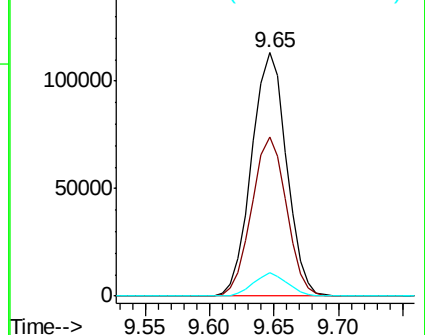
127 9.6 7.3 10.9

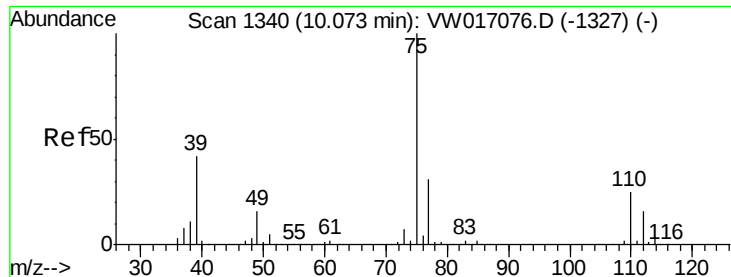


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V





#42

cis-1,3-Dichloropropene

Concen: 26.410 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

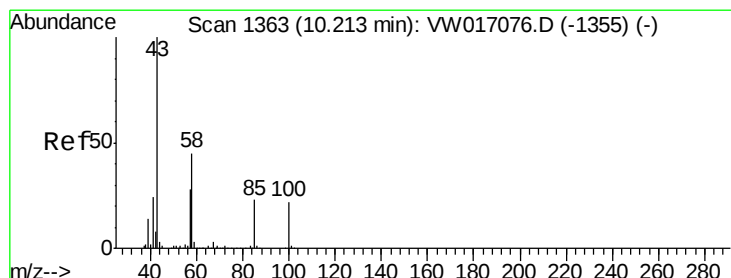
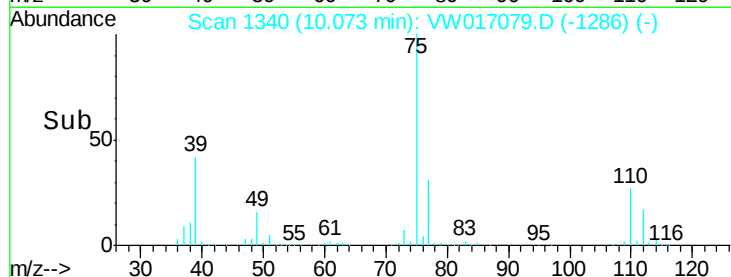
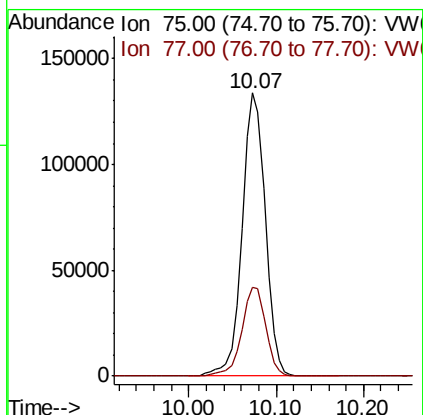
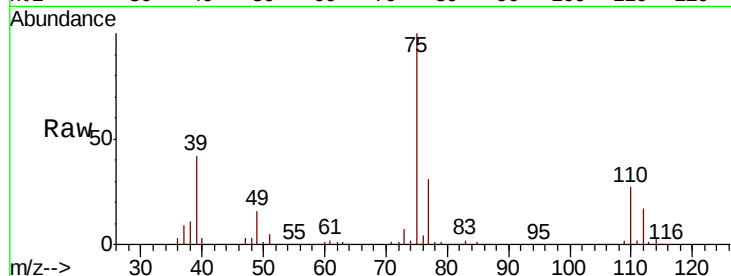
VICV03

Tot Ion: 75 Resp: 246548

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#43

4-Methyl-2-pentanone

Concen: 52.925 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

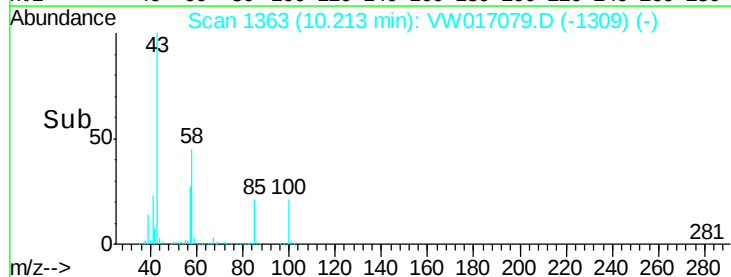
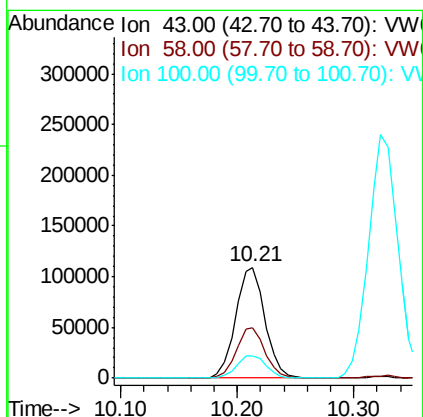
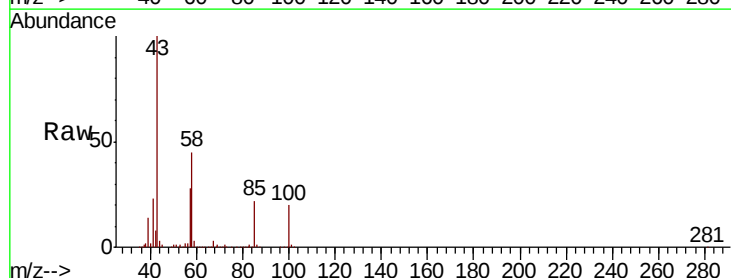
Tgt Ion: 43 Resp: 192451

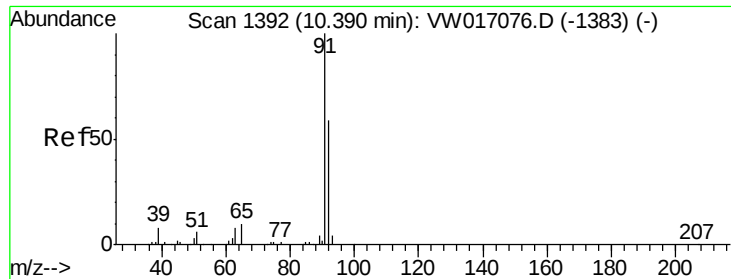
Ion Ratio Lower Upper

43 100

58 44.2 35.0 52.6

100 20.8 16.6 24.8





#44

Toluene

Concen: 25.921 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

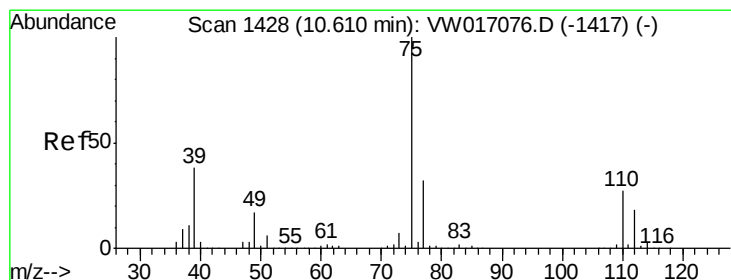
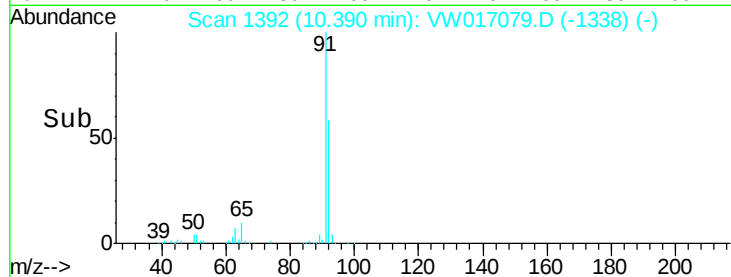
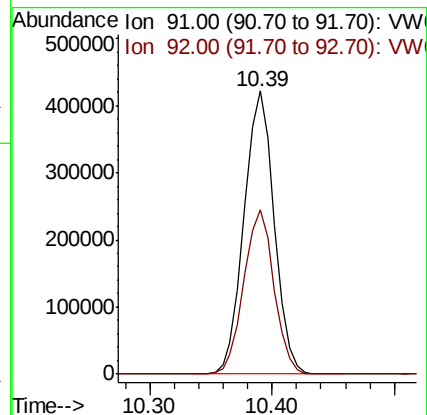
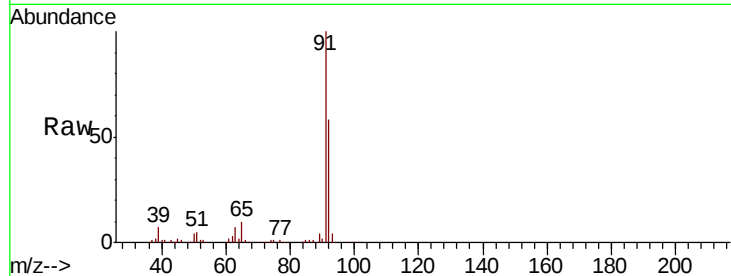
VICV03

Tot Ion: 91 Resp: 719374

Ion Ratio Lower Upper

91 100

92 58.0 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 26.843 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW017079.D

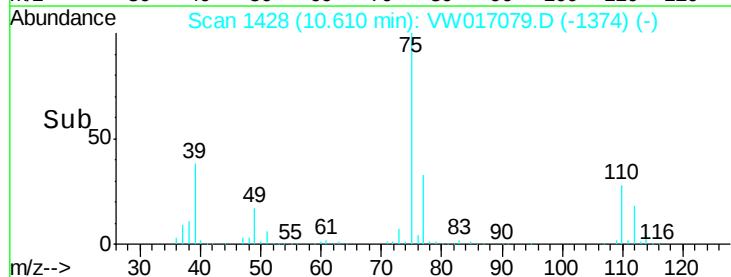
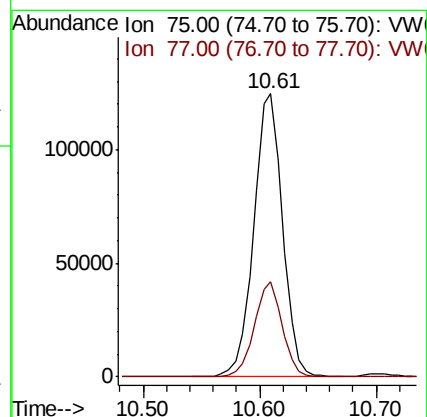
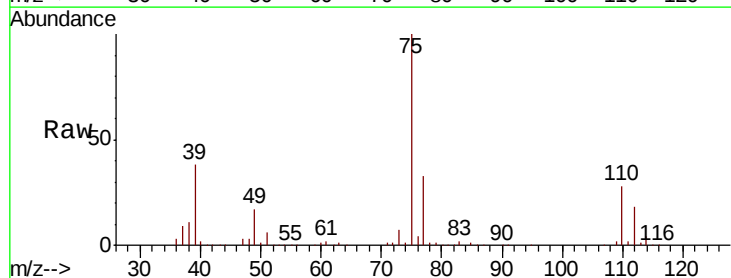
Acq: 04 Nov 2020 16:28

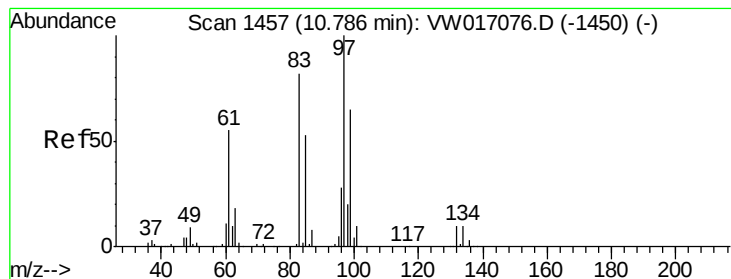
Tgt Ion: 75 Resp: 215211

Ion Ratio Lower Upper

75 100

77 33.5 22.1 41.1





#46

1,1,2-Trichloroethane

Concen: 26.365 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

Tot Ion: 97 Resp: 133977

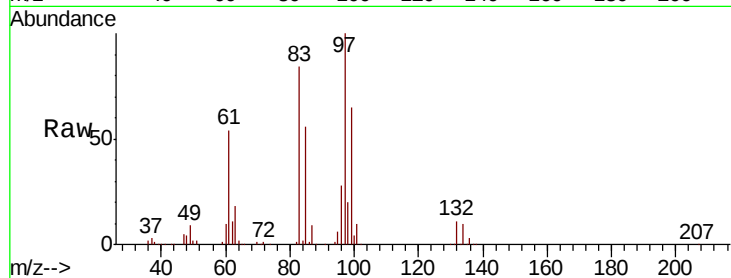
Ion Ratio Lower Upper

97 100

83 84.1 57.3 106.5

85 55.7 37.2 69.0

99 65.0 45.7 84.9



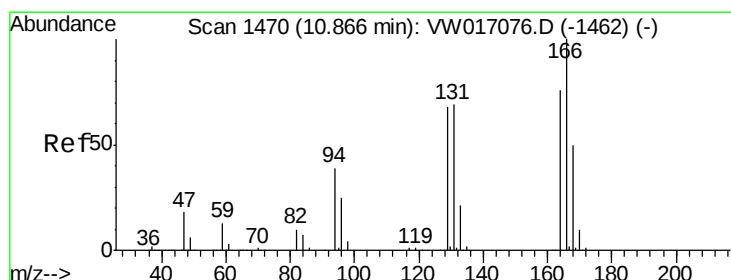
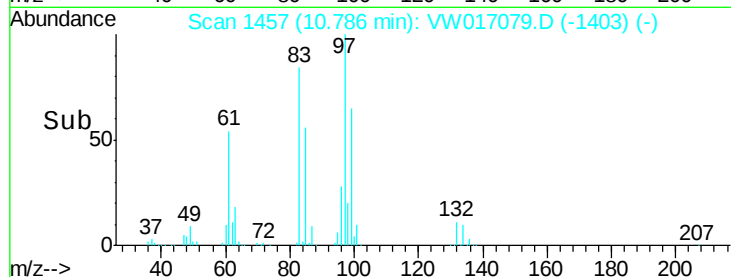
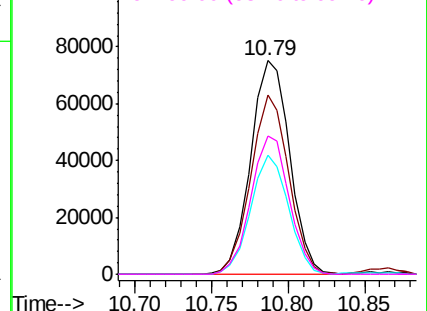
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 23.981 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Tgt Ion: 164 Resp: 152815

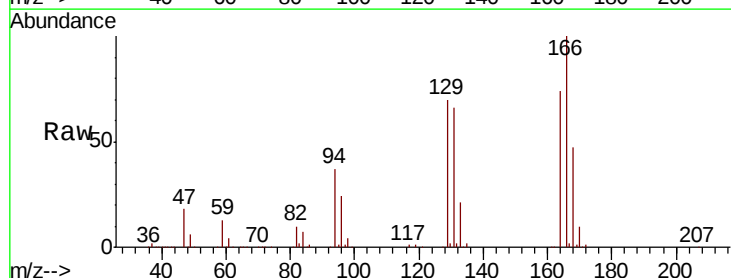
Ion Ratio Lower Upper

164 100

129 94.0 62.9 116.7

131 88.0 63.3 117.5

166 134.2 92.0 170.8



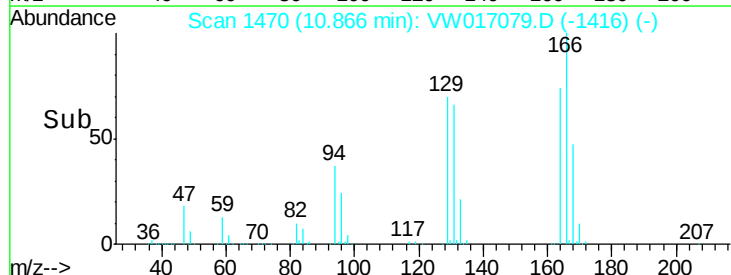
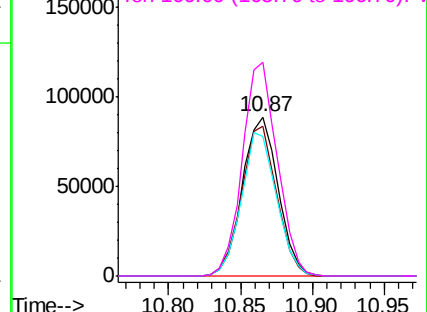
Abundance

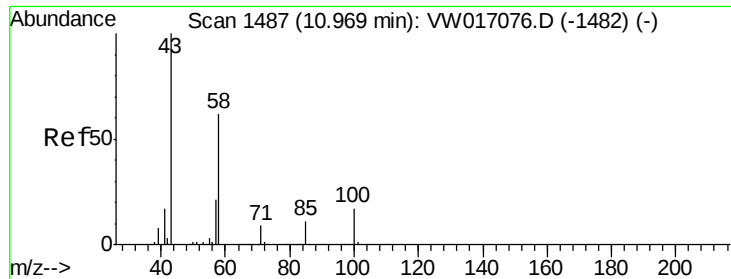
Ion 164.00 (163.70 to 164.70): V

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

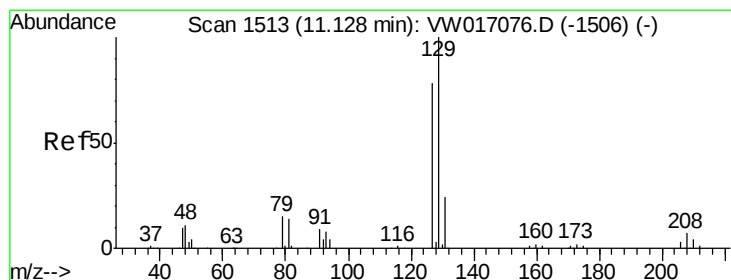
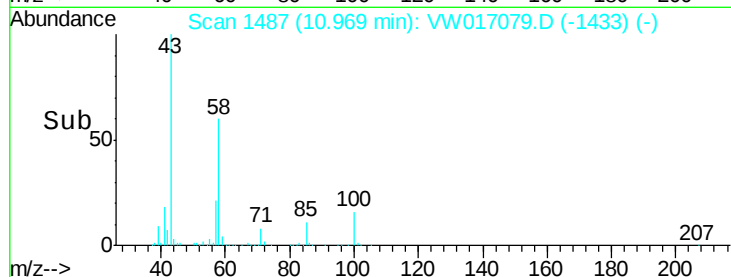
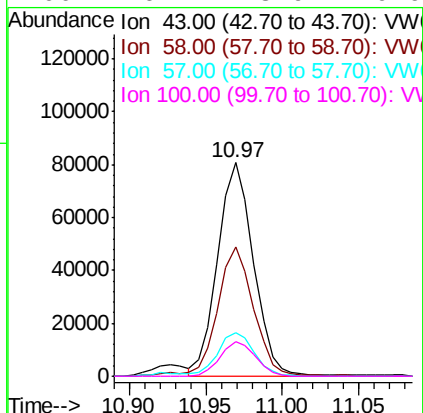
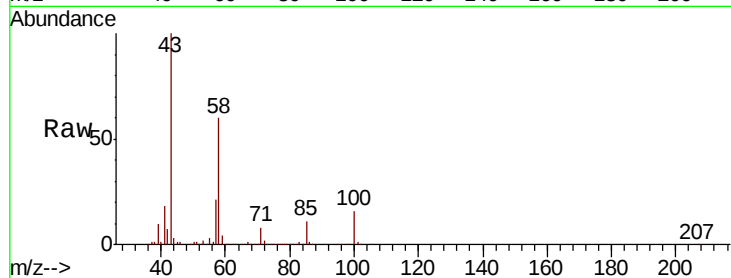




#49
2-Hexanone
Concen: 59.805 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

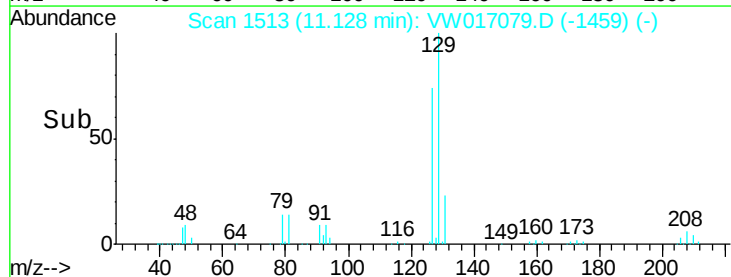
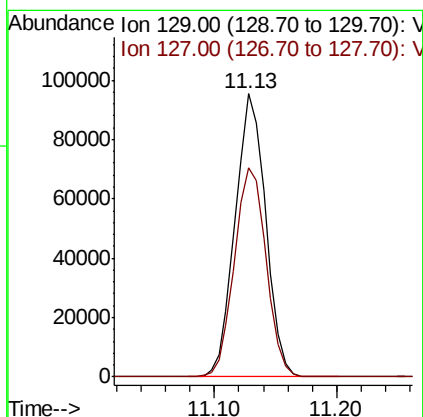
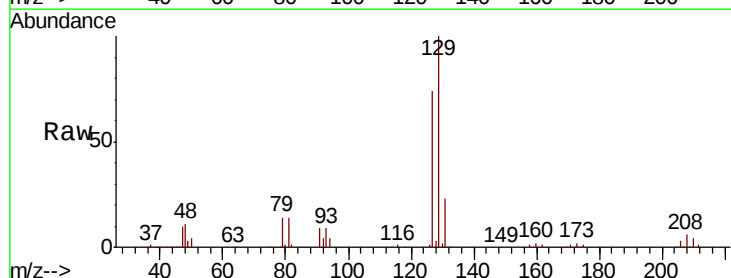
Instrument :
MSVOA_W
ClientSampleId :
VICV03

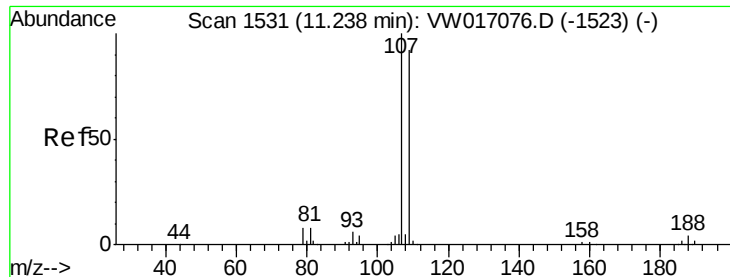
Tot Ion: 43 Resp: 131107
Ion Ratio Lower Upper
43 100
58 59.9 50.6 75.8
57 20.9 17.8 26.6
100 16.2 13.9 20.9



#50
Dibromochloromethane
Concen: 26.697 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 129 Resp: 165281
Ion Ratio Lower Upper
129 100
127 74.0 54.3 100.9

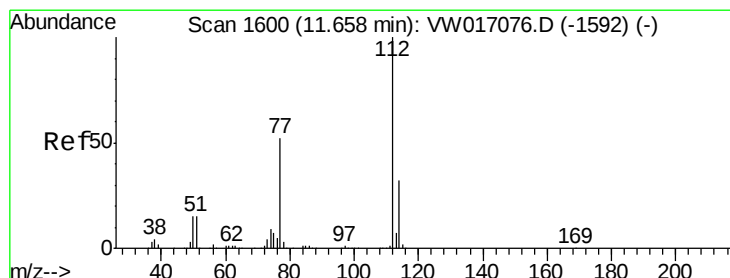
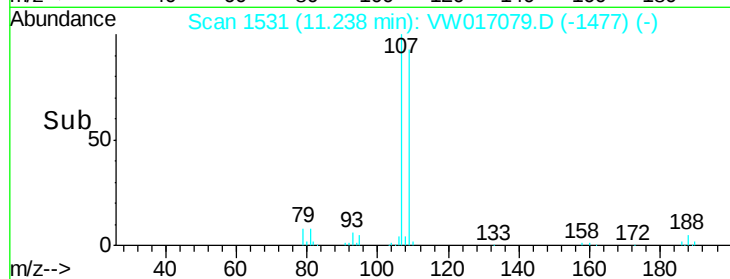
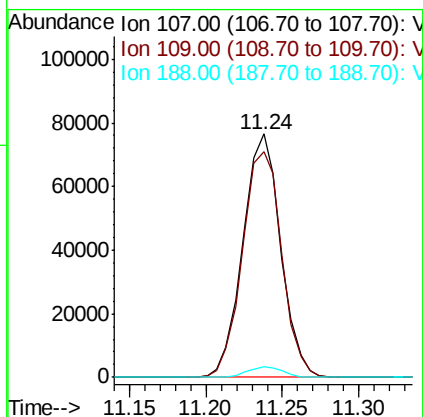
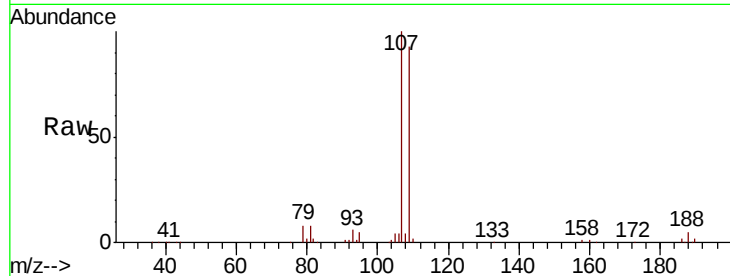




#51
1,2-Dibromoethane
Concen: 26.580 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

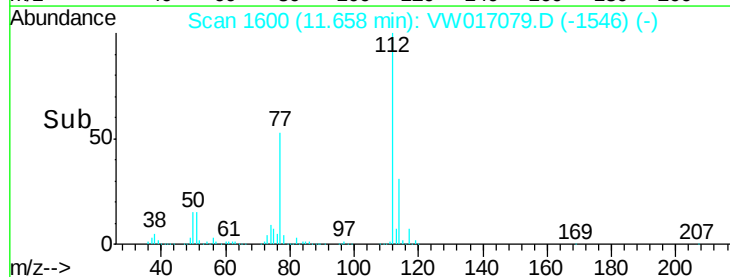
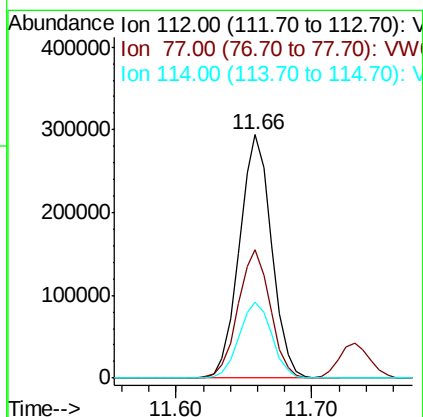
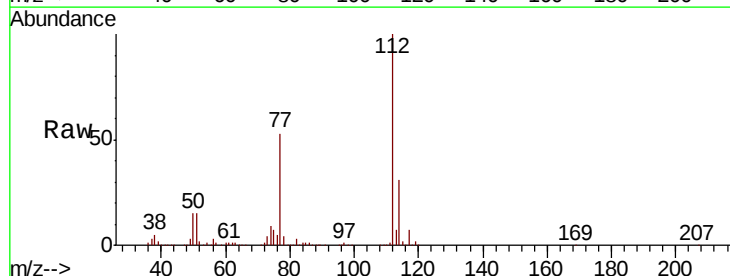
Instrument :
MSVOA_W
ClientSampleId :
VICV03

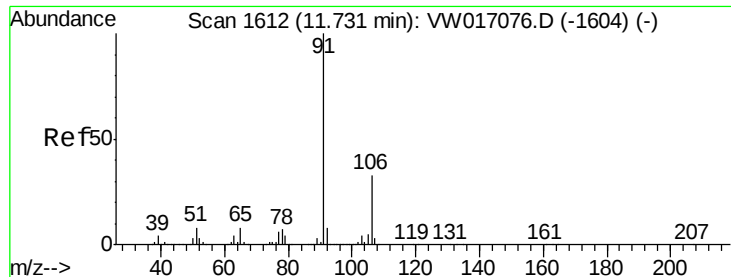
Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.3	119.5
188	4.6	3.3	4.9



#52
Chlorobenzene
Concen: 25.804 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
77	52.6	41.7	62.5
114	31.3	22.3	41.3

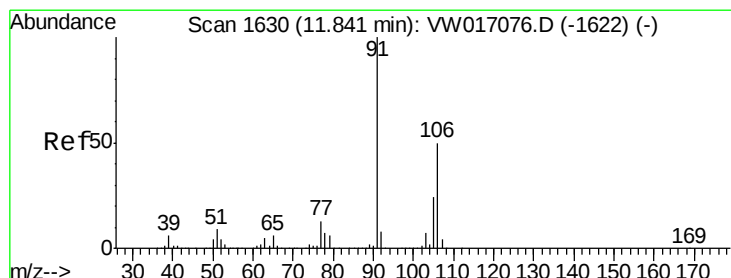
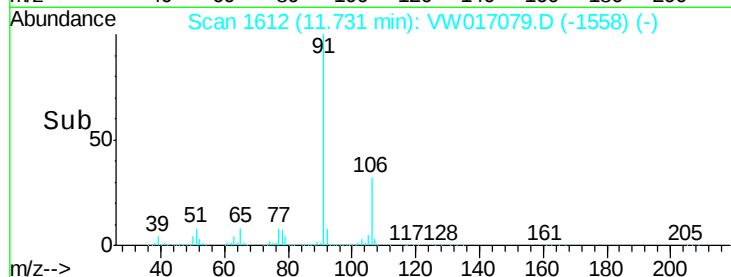
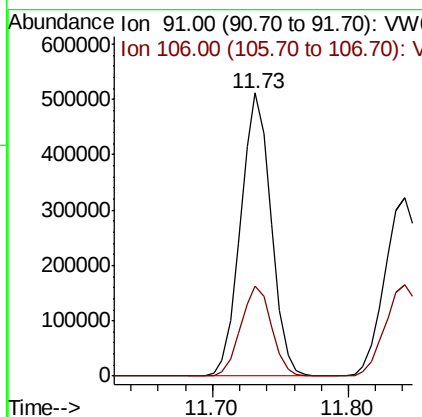
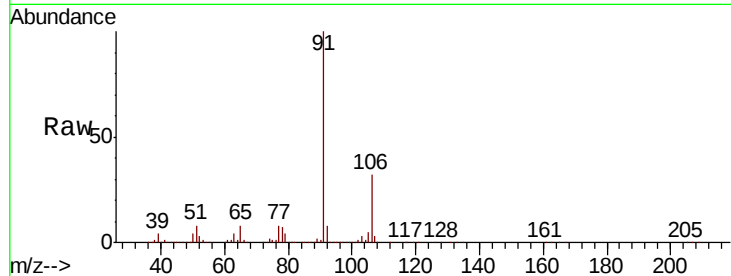




#53
Ethylbenzene
Concen: 25.767 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

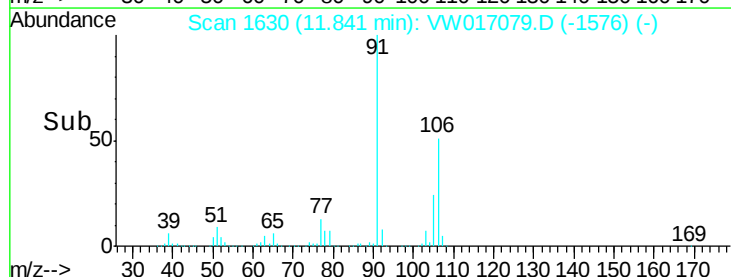
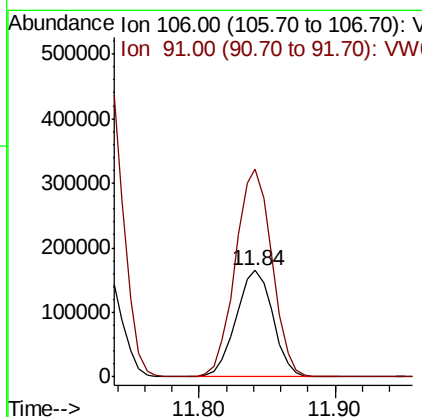
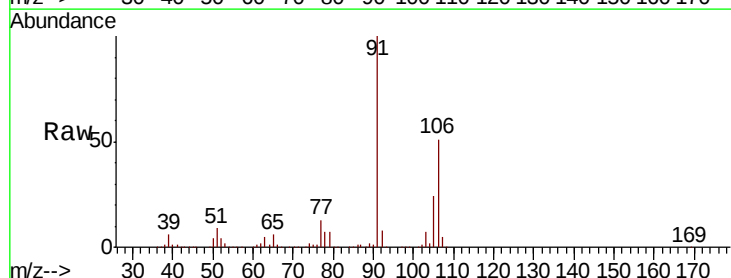
Instrument :
MSVOA_W
ClientSampled :
VICV03

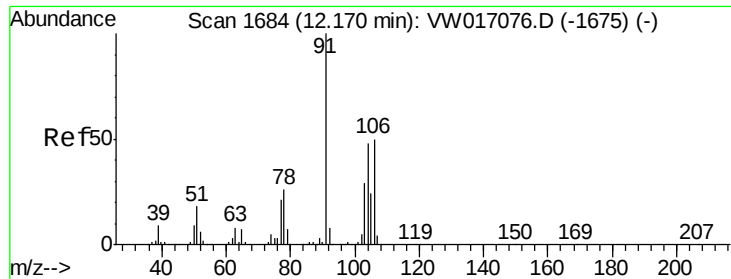
Tot Ion: 91 Resp: 798759
Ion Ratio Lower Upper
91 100
106 31.9 22.9 42.5



#54
m,p-Xylene
Concen: 25.557 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017079.D
Acq: 04 Nov 2020 16:28

Tgt Ion: 106 Resp: 309903
Ion Ratio Lower Upper
106 100
91 195.6 138.7 257.5





#55

o-xylene

Concen: 25.782 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampled :

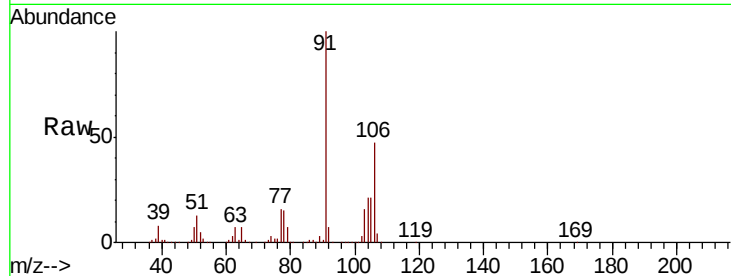
VICV03

Tot Ion:106 Resp: 296743

Ion Ratio Lower Upper

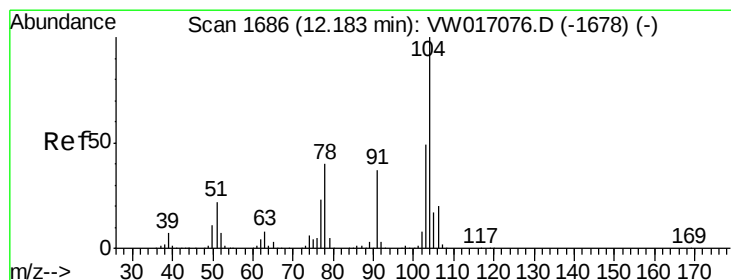
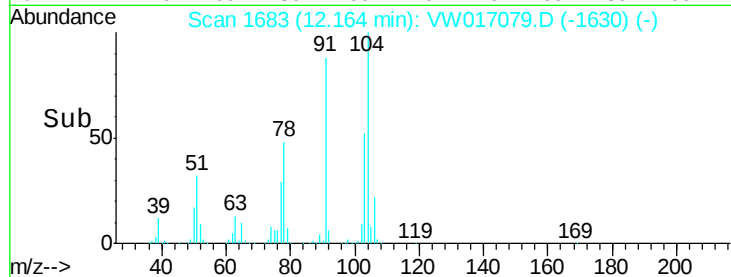
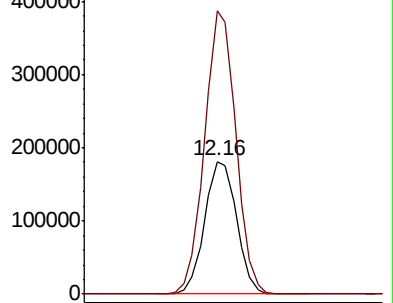
106 100

91 213.5 140.8 261.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 26.333 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW017079.D

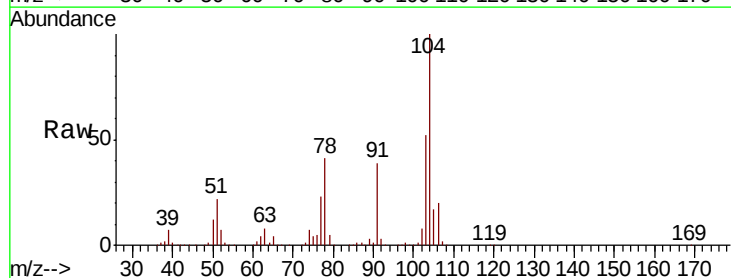
Acq: 04 Nov 2020 16:28

Tgt Ion:104 Resp: 508863

Ion Ratio Lower Upper

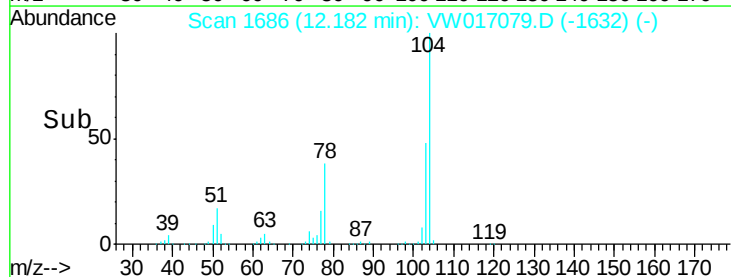
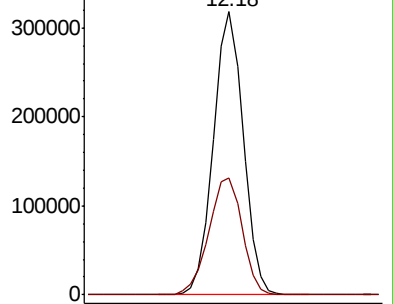
104 100

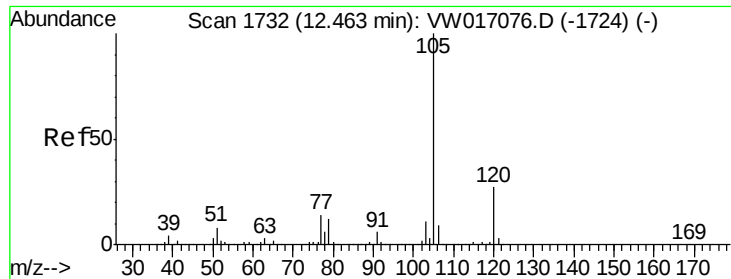
78 41.2 28.2 52.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.367 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

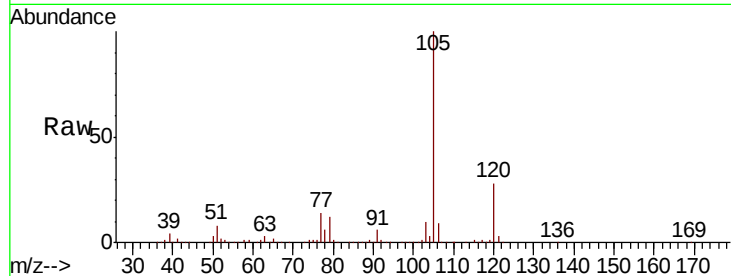
Tot Ion:105 Resp: 823625

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

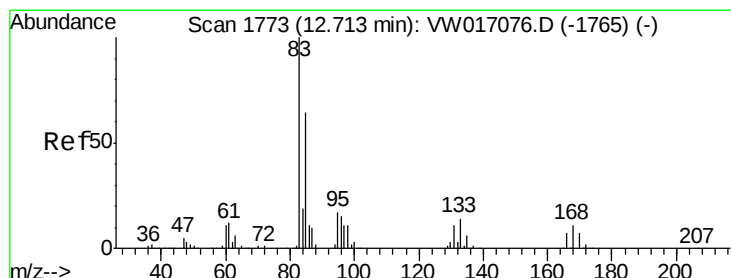
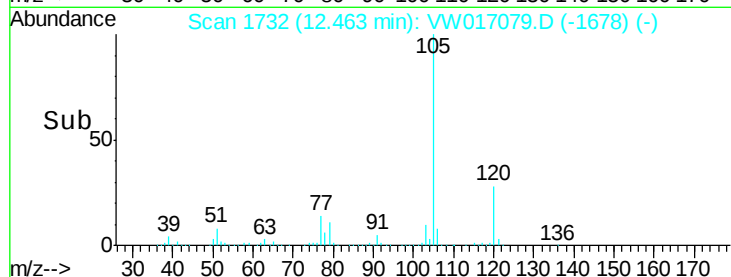
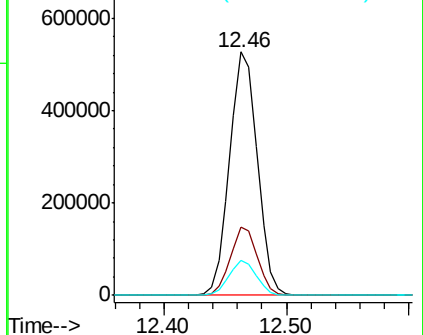
77 14.1 11.4 17.0



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: 27.390 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

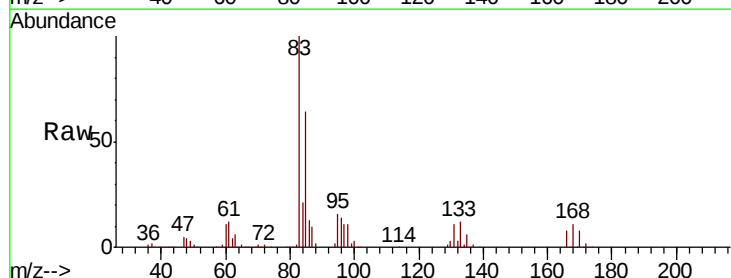
Tgt Ion: 83 Resp: 160791

Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

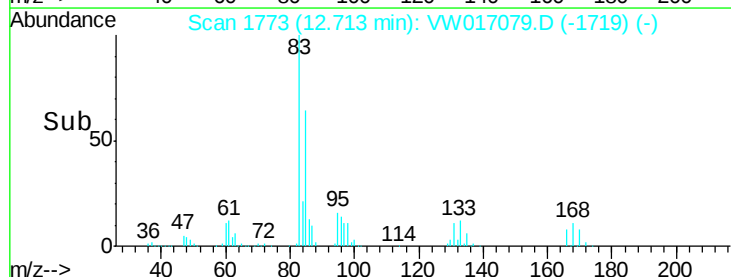
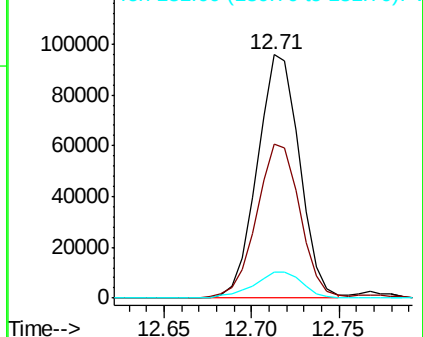
131 10.7 8.8 13.2

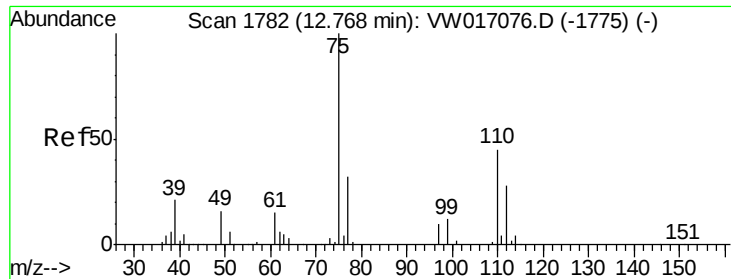


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.521 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

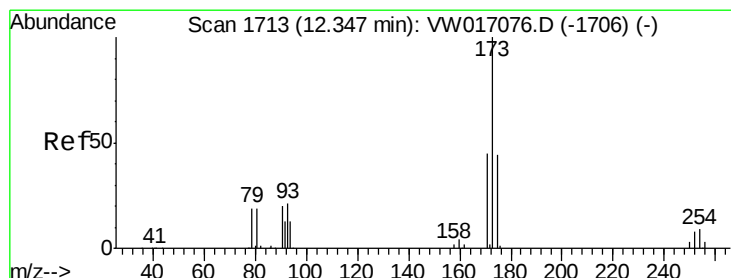
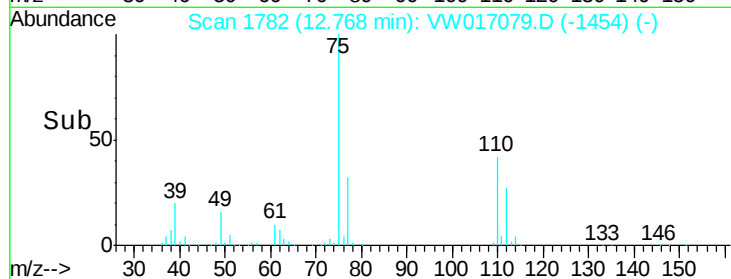
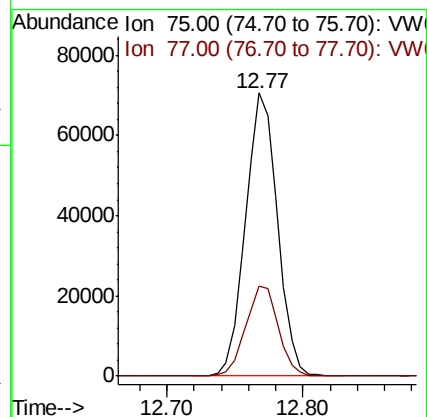
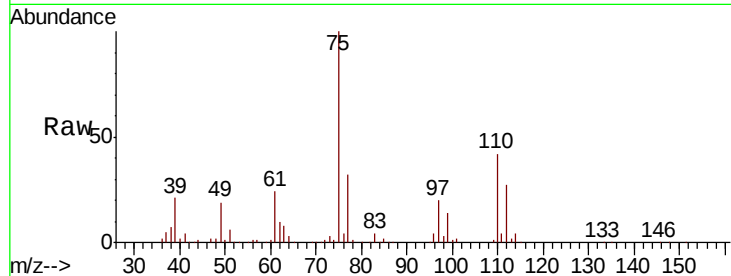
VICV03

Tot Ion: 75 Resp: 116129

Ion Ratio Lower Upper

75 100

77 32.6 26.4 39.6



#62

Bromoform

Concen: 26.958 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

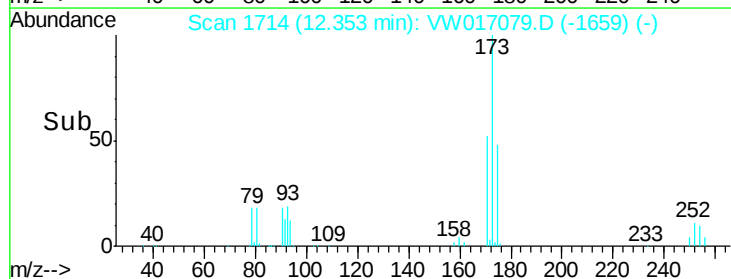
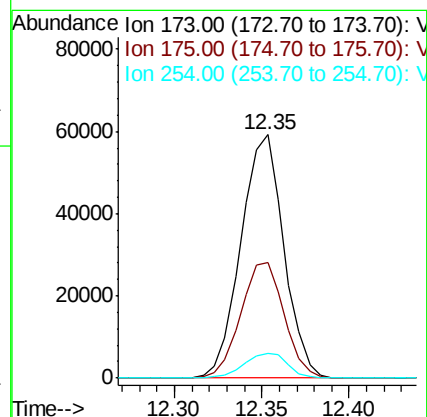
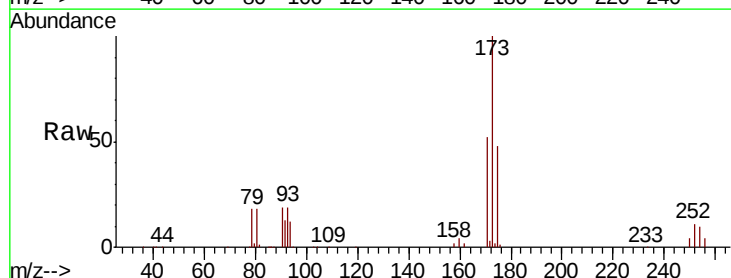
Tgt Ion: 173 Resp: 101312

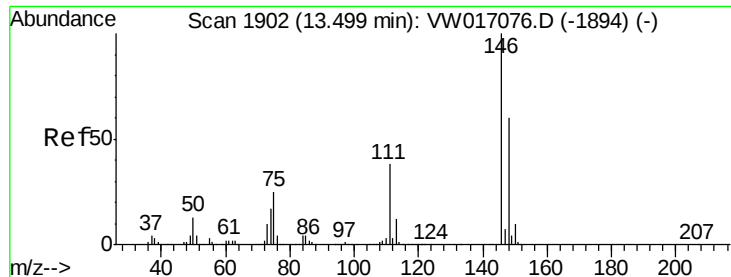
Ion Ratio Lower Upper

173 100

175 48.3 38.3 57.5

254 10.5 8.1 12.1

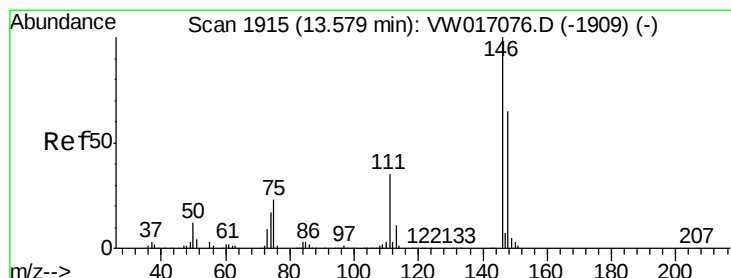
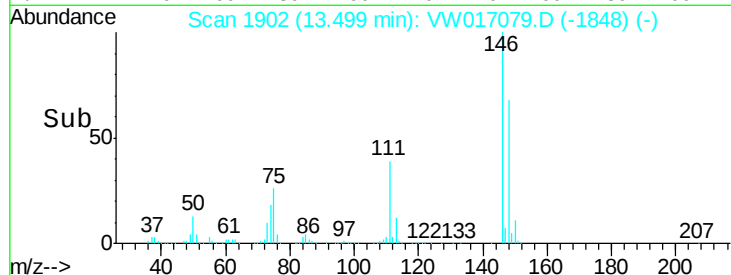
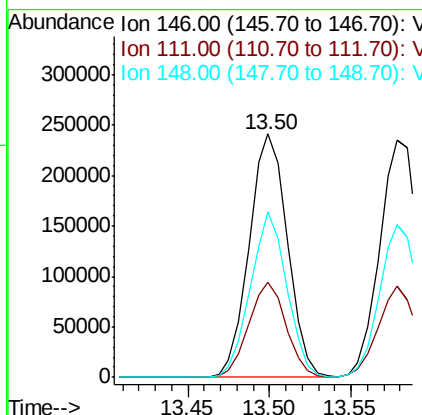
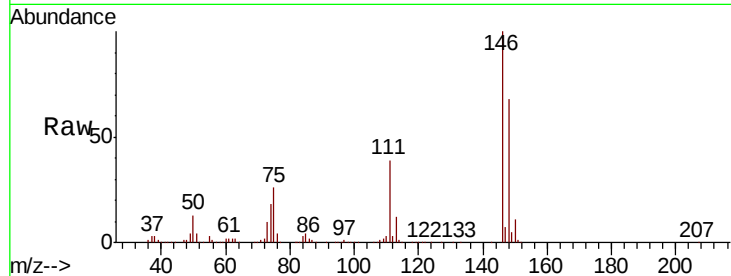




#63
 1,3-Dichlorobenzene
 Concen: 25.890 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017079.D
 Acq: 04 Nov 2020 16:28

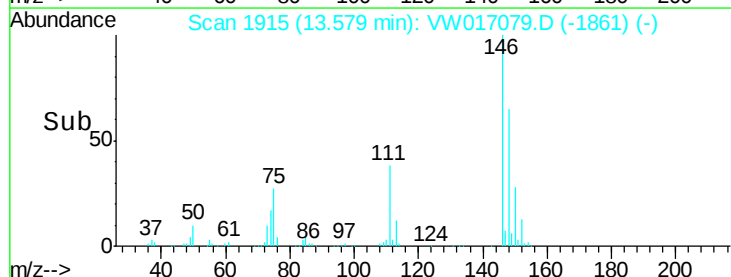
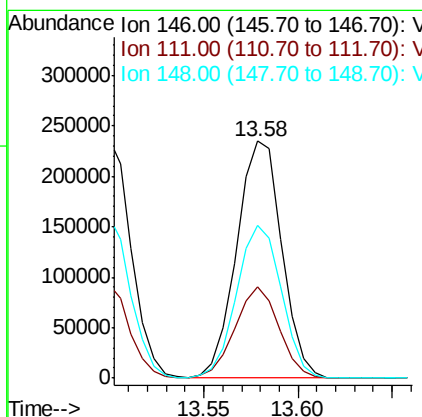
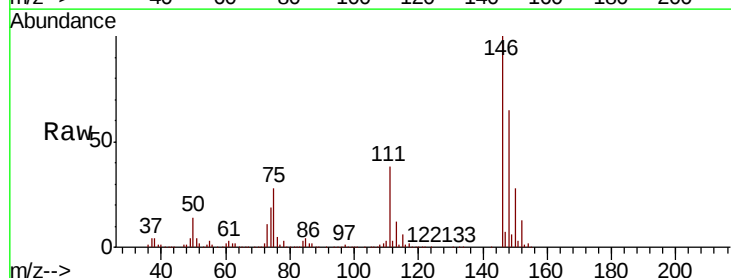
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

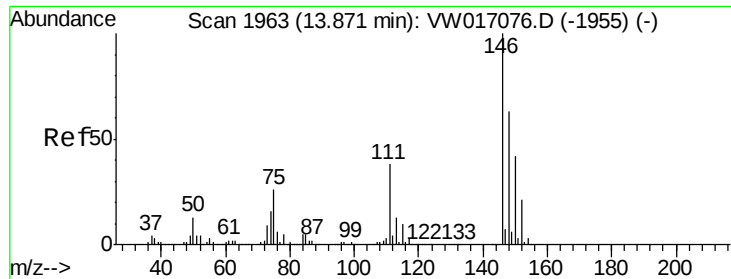
Tot Ion:146 Resp: 394295
 Ion Ratio Lower Upper
 146 100
 111 38.9 26.4 49.0
 148 67.9 42.1 78.1



#64
 1,4-Dichlorobenzene
 Concen: 25.439 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017079.D
 Acq: 04 Nov 2020 16:28

Tgt Ion:146 Resp: 389228
 Ion Ratio Lower Upper
 146 100
 111 38.5 24.5 45.5
 148 64.7 45.5 84.5

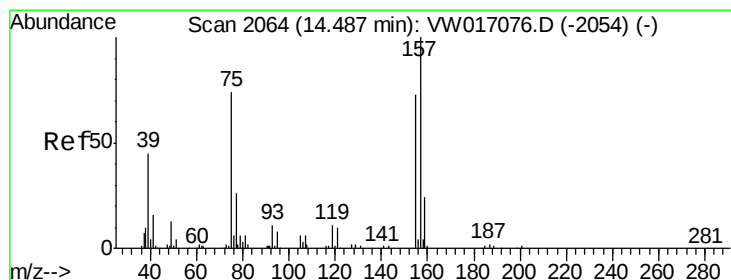
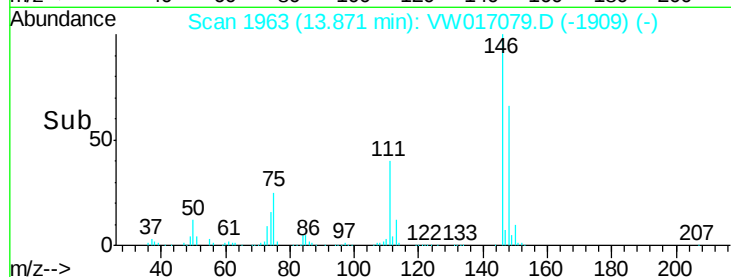
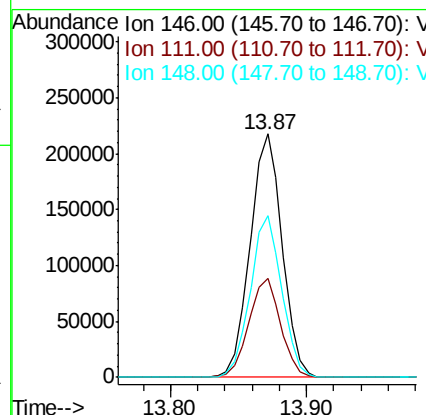
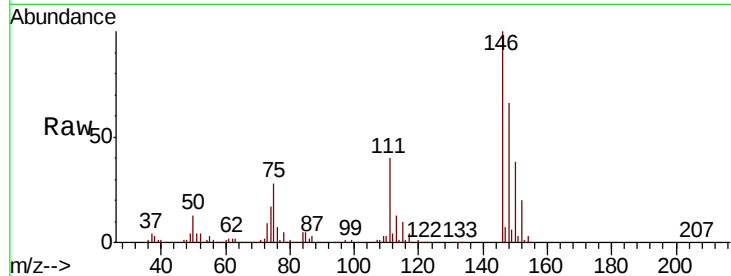




#65
 1,2-Dichlorobenzene
 Concen: 26.104 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017079.D
 Acq: 04 Nov 2020 16:28

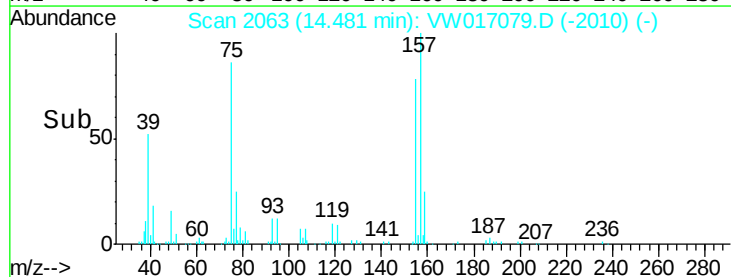
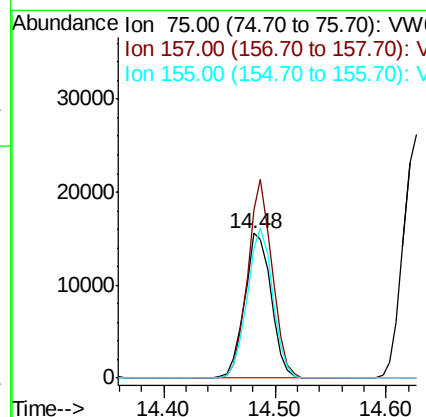
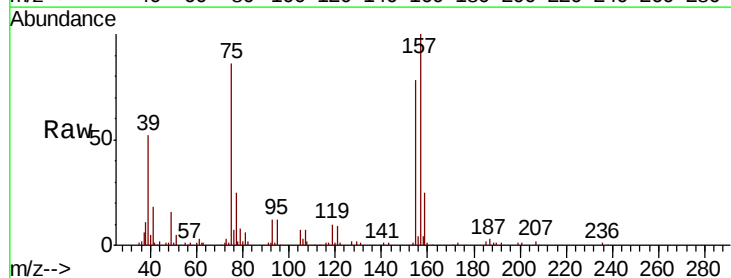
Instrument :
 MSVOA_W
 ClientSampled :
 VICV03

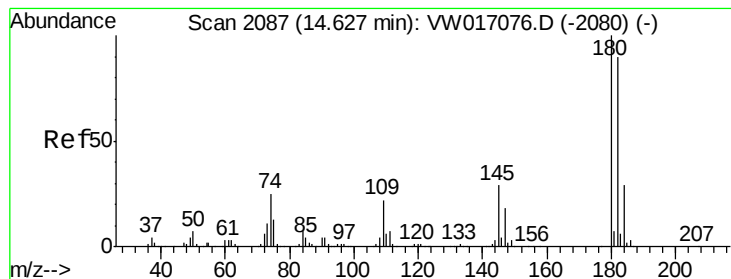
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	30.5	45.7
148	66.2	50.3	75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 28.425 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW017079.D
 Acq: 04 Nov 2020 16:28

Tgt Ion	Ratio	Lower	Upper
75	100		
157	115.9	108.2	162.4
155	90.0	79.1	118.7





#67

1,3,5-Trichlorobenzene

Concen: 26.324 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

Tot Ion:180 Resp: 295426

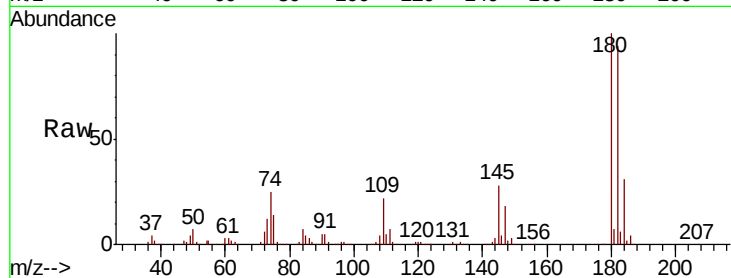
Ion Ratio Lower Upper

180 100

182 97.1 77.2 115.8

184 30.6 24.2 36.4

145 27.7 23.5 35.3

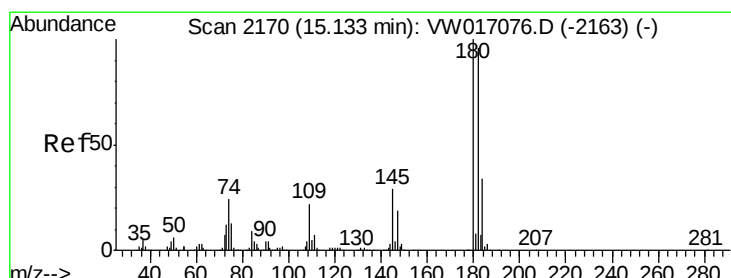
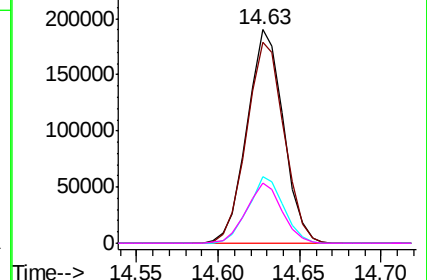
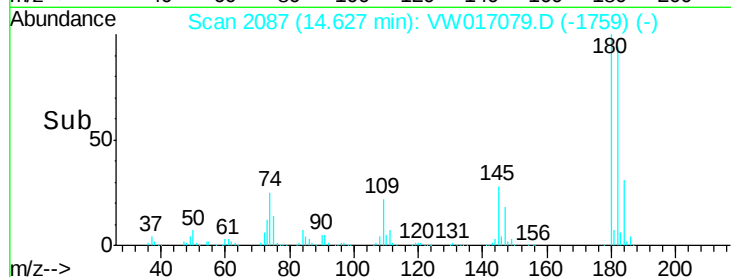


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68

1,2,4-trichlorobenzene

Concen: 28.920 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

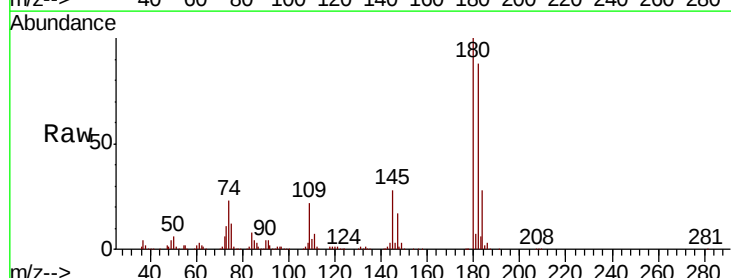
Tgt Ion:180 Resp: 259009

Ion Ratio Lower Upper

180 100

182 93.0 76.7 115.1

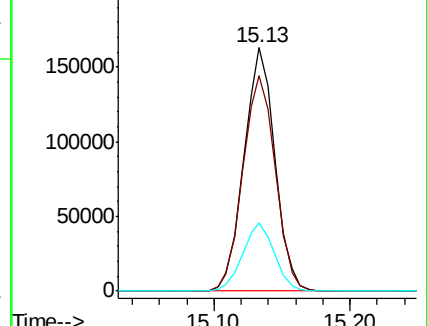
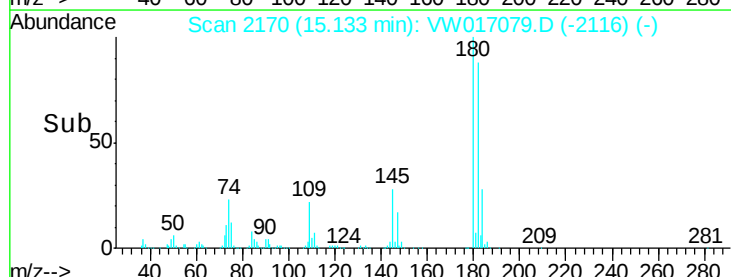
145 28.5 23.6 35.4

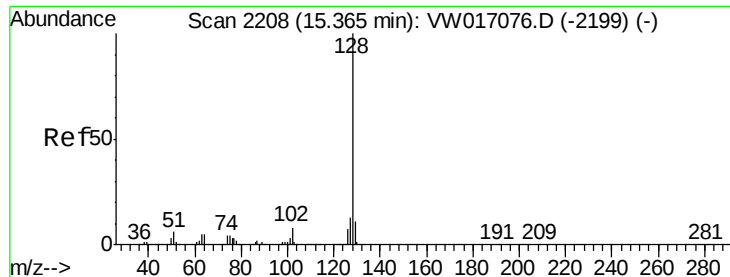


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 30.529 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

VICV03

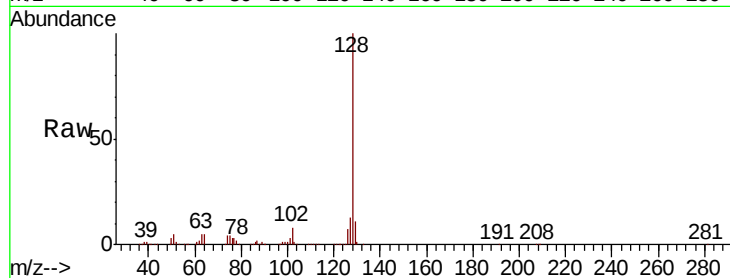
Tot Ion:128 Resp: 503156

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

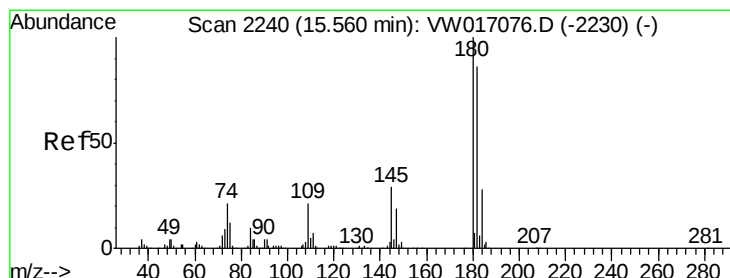
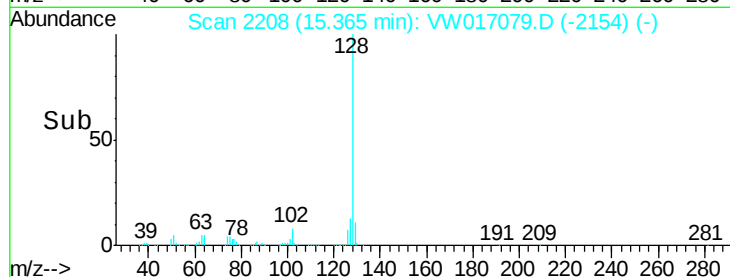
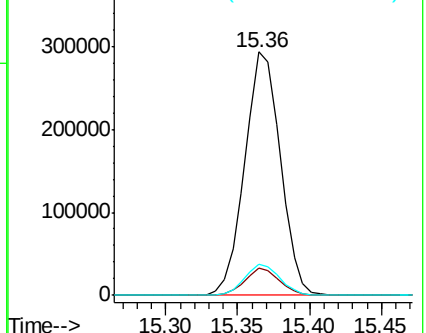
127 12.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 28.116 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017079.D

Acq: 04 Nov 2020 16:28

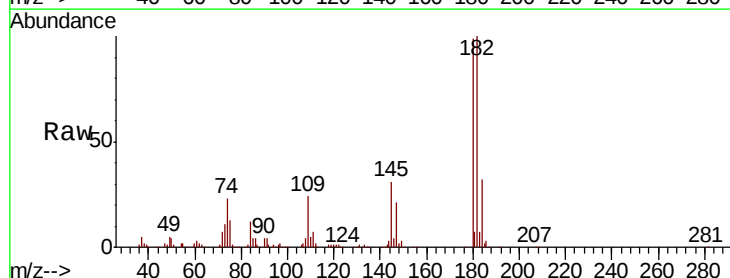
Tgt Ion:180 Resp: 230075

Ion Ratio Lower Upper

180 100

182 98.5 75.5 113.3

145 30.9 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

