

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015874.D
 Acq On : 20 Jul 2020 13:56
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Quant Time: Jul 21 07:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 21 06:59:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	450575	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411762	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197853	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135831	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	2.90	69	117496	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
10) 1,1-Dichloroethene-d2	4.02	63	286164	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.04%
20) 2-Butanone-d5	7.08	46	82516	49.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.82%
24) Chloroform-d	7.65	84	283546	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	8.31	65	159003	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	8.27	84	552199	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	169820	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.40%
37) Toluene-d8	10.32	98	506325	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	10.58	79	72588	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.64%
39) 2-Hexanone-d5	10.93	63	64549	51.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138768	24.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	172815	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	95112	24.946	ug/L	100
3) Chloromethane	2.21	50	106716	23.143	ug/L	99
5) Vinyl chloride	2.37	62	165344	23.248	ug/L	99
6) Bromomethane	2.79	94	100806	23.758	ug/L	100
8) Chloroethane	2.93	64	101304	24.315	ug/L	99
9) Trichlorofluoromethane	3.26	101	109404	22.885	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	139195	23.819	ug/L	97
12) 1,1-Dichloroethene	4.04	96	136299	23.532	ug/L	97
13) Acetone	4.14	43	65355	46.598	ug/L	99
14) Carbon disulfide	4.38	76	428267	23.412	ug/L	99
15) Methyl Acetate	4.67	43	70368	26.609	ug/L	98
16) Methylene chloride	4.92	84	159148	21.556	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	211500	25.823	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	145732	23.826	ug/L	97
19) 1,1-Dichloroethane	6.22	63	268607	23.831	ug/L	99
21) 2-Butanone	7.18	43	90975	52.455	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	154925	24.210	ug/L	98

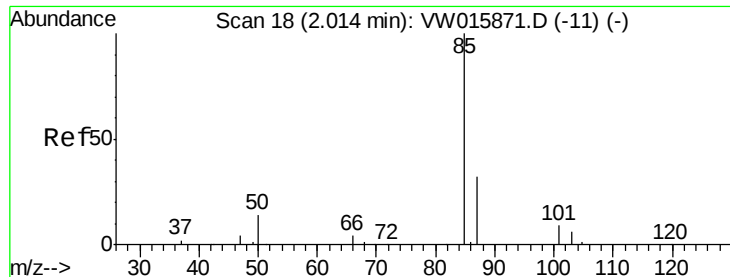
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
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 Quant Title : VOC Analysis
 QLast Update : Tue Jul 21 06:59:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	69173	24.651	ug/L	96
25) Chloroform	7.68	83	266426	23.850	ug/L	99
27) 1,2-Dichloroethane	8.40	62	185193	24.364	ug/L	99
30) Cyclohexane	7.96	56	247385	23.827	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	223717	23.268	ug/L	99
32) Carbon tetrachloride	8.07	117	202891	23.271	ug/L	100
34) Benzene	8.32	78	598801	23.944	ug/L	100
35) Trichloroethene	9.09	95	154126	23.297	ug/L	99
36) Methylcyclohexane	9.34	83	271594	23.925	ug/L	98
40) 1,2-Dichloropropane	9.37	63	151161	24.399	ug/L	100
41) Bromodichloromethane	9.65	83	193665	24.205	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	235056	24.911	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	191460	52.945	ug/L	98
44) Toluene	10.39	91	636507	24.267	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	207270	25.342	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	111616	25.053	ug/L	98
47) Tetrachloroethene	10.87	164	118022	22.983	ug/L	96
49) 2-Hexanone	10.97	43	135643	52.858	ug/L	100
50) Dibromochloromethane	11.13	129	125884	24.406	ug/L	98
51) 1,2-Dibromoethane	11.24	107	108450	25.446	ug/L	97
52) Chlorobenzene	11.66	112	402832	23.968	ug/L	100
53) Ethylbenzene	11.73	91	712408	24.154	ug/L	99
54) m,p-Xylene	11.84	106	269962	24.464	ug/L	100
55) o-xylene	12.17	106	258336	24.862	ug/L	98
56) Styrene	12.18	104	442786	25.058	ug/L	100
57) Isopropylbenzene	12.47	105	695102	24.574	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	134445	25.699	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	101520	25.900	ug/L	100
62) Bromoform	12.35	173	72709	24.981	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	304569	24.052	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	306097	23.818	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	275583	23.959	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22950	26.509	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	221431	24.869	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	181479	25.661	ug/L	99
69) Naphthalene	15.37	128	373462	28.030	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	161639	25.651	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 24.946 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

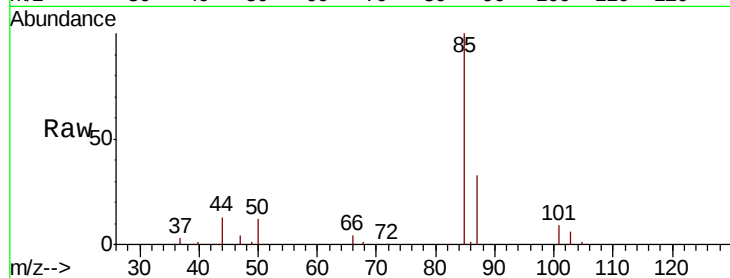
VICV05

Tot Ion: 85 Resp: 95112

Ion Ratio Lower Upper

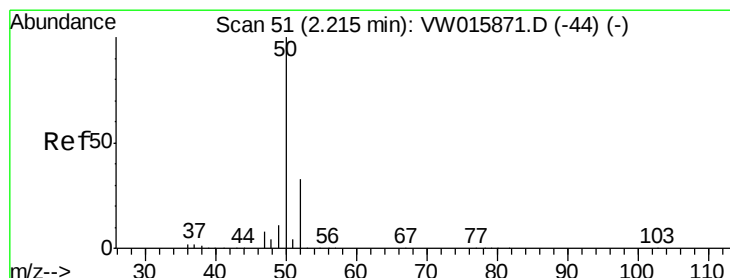
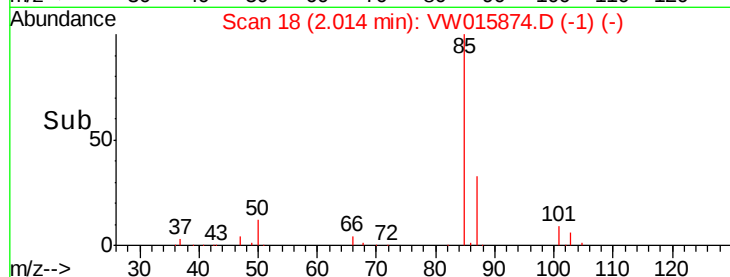
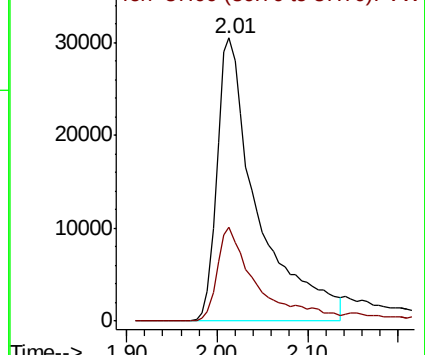
85 100

87 30.0 21.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.143 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015874.D

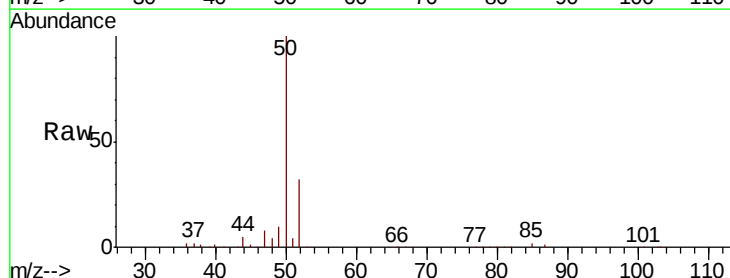
Acq: 20 Jul 2020 13:56

Tgt Ion: 50 Resp: 106716

Ion Ratio Lower Upper

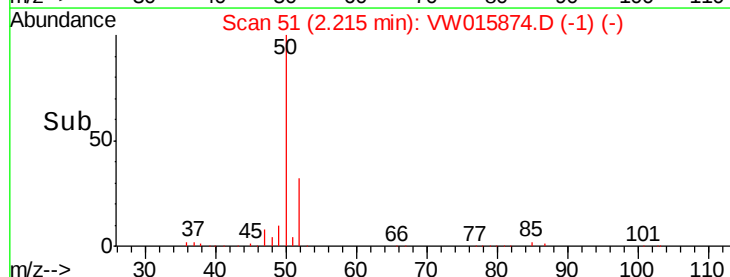
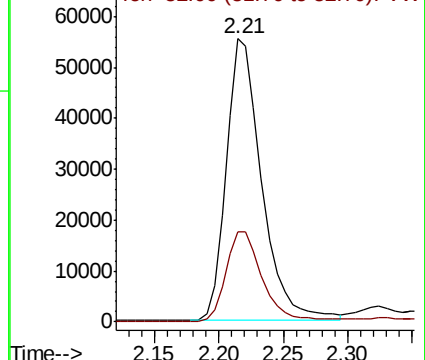
50 100

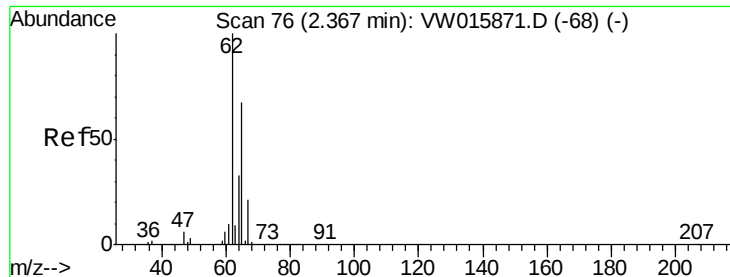
52 32.0 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 23.248 ug/L

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

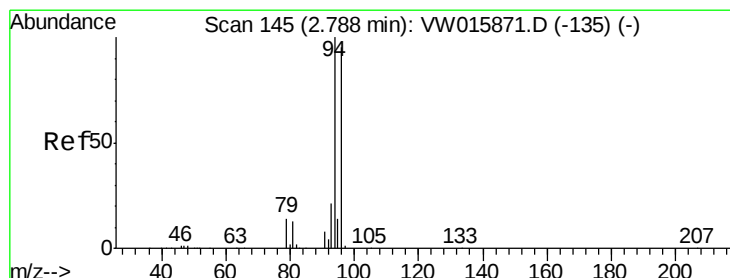
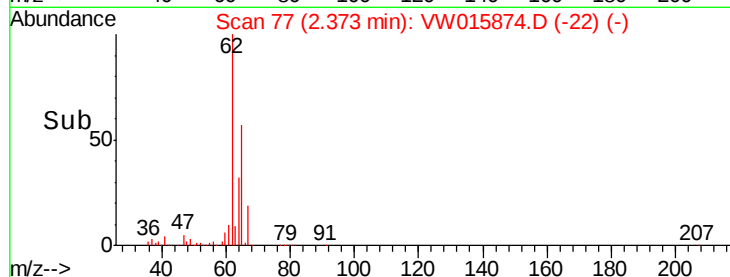
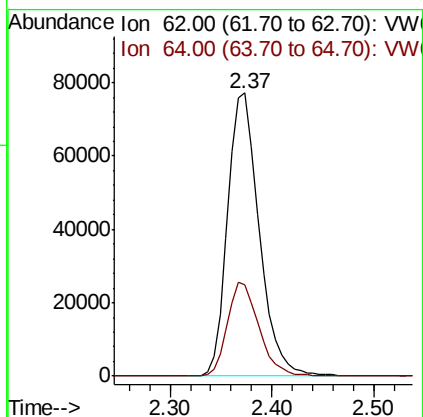
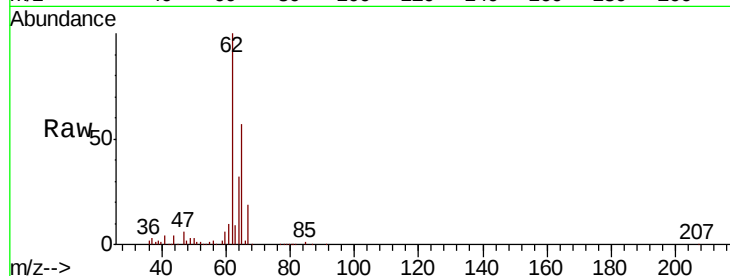
VICV05

Tot Ion: 62 Resp: 165344

Ion Ratio Lower Upper

62 100

64 32.3 23.2 43.0



#6

Bromomethane

Concen: 23.758 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015874.D

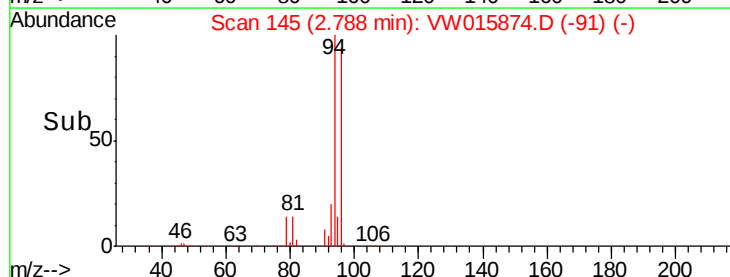
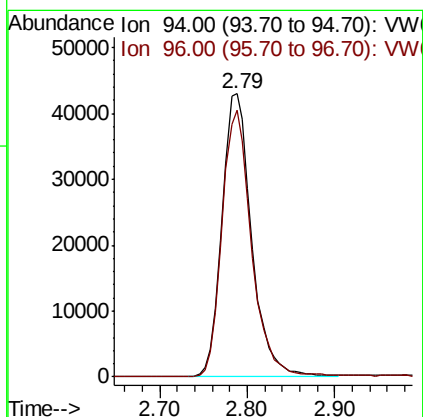
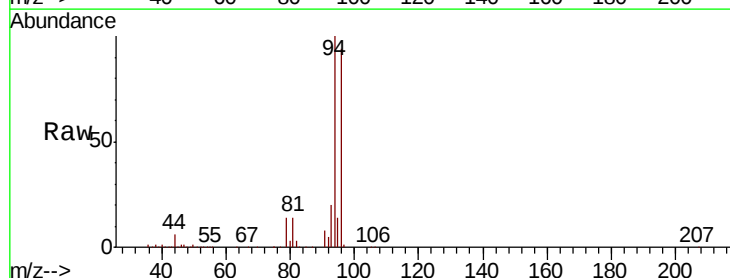
Acq: 20 Jul 2020 13:56

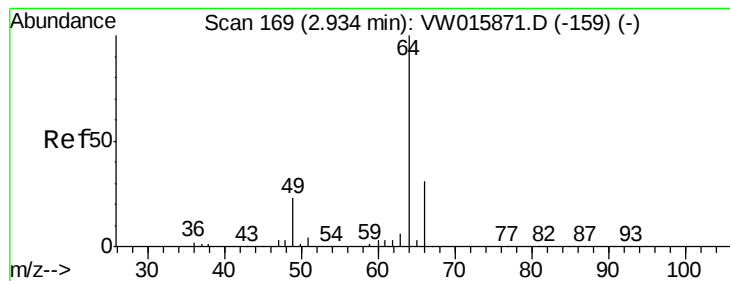
Tgt Ion: 94 Resp: 100806

Ion Ratio Lower Upper

94 100

96 94.5 9.5 180.1





#8

Chloroethane

Concen: 24.315 ug/L

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

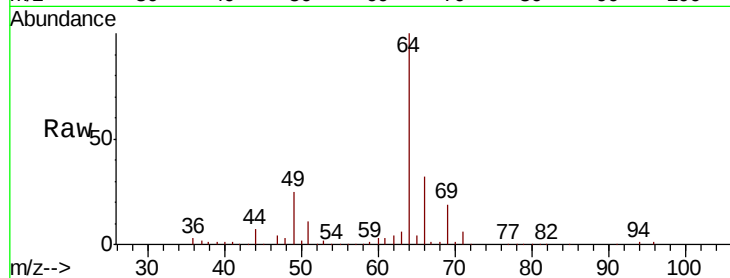
VICV05

Tot Ion: 64 Resp: 101304

Ion Ratio Lower Upper

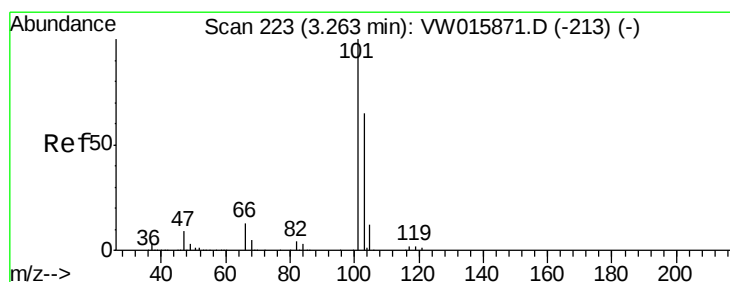
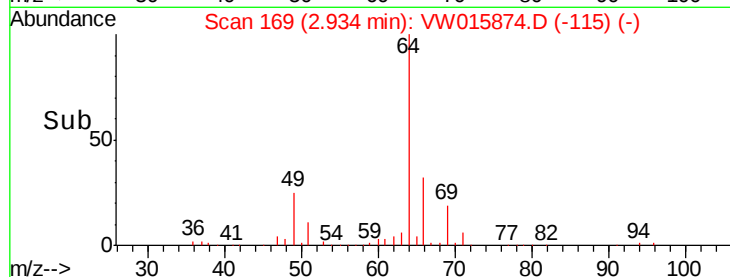
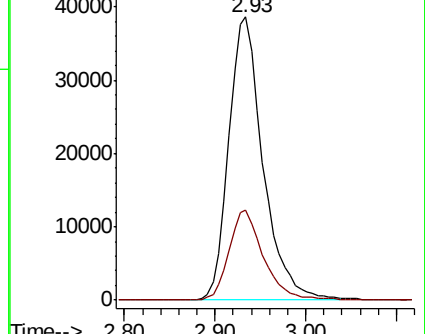
64 100

66 31.8 21.8 40.4



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 22.885 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW015874.D

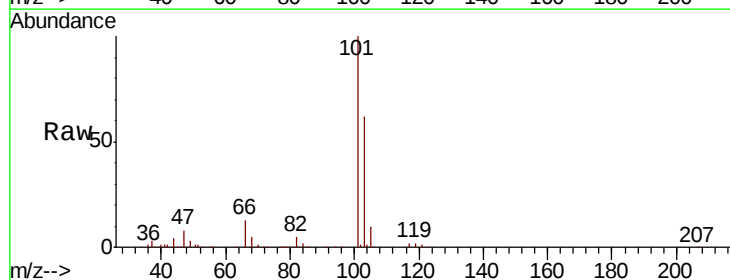
Acq: 20 Jul 2020 13:56

Tgt Ion:101 Resp: 109404

Ion Ratio Lower Upper

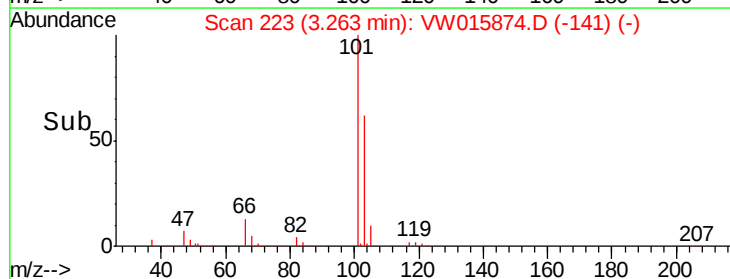
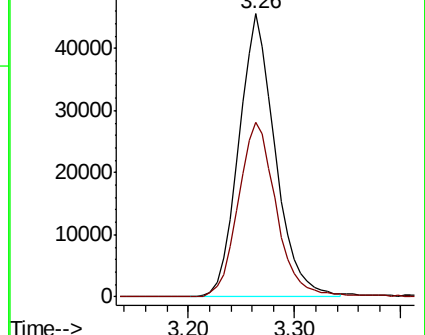
101 100

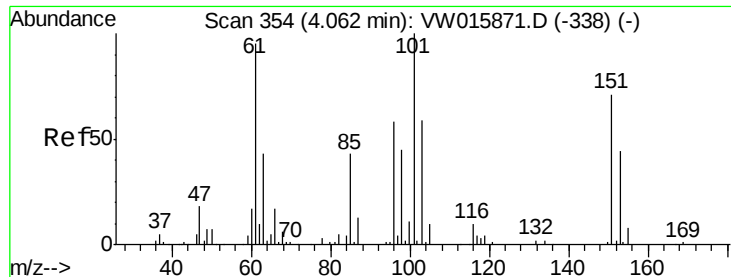
103 64.1 45.8 85.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

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

Concen: 23.819 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampled :

VICV05

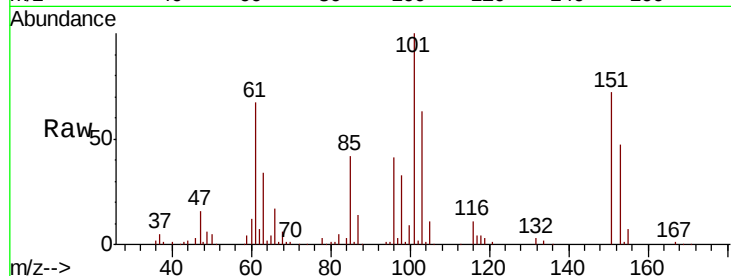
Tot Ion:101 Resp: 139195

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

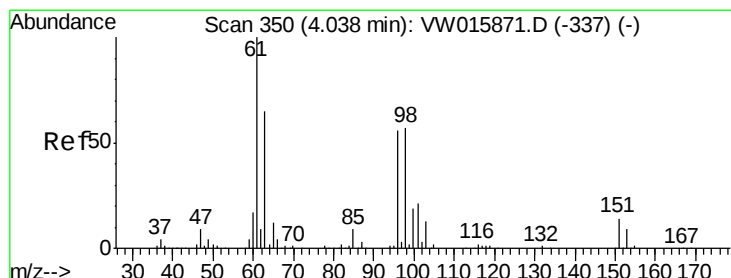
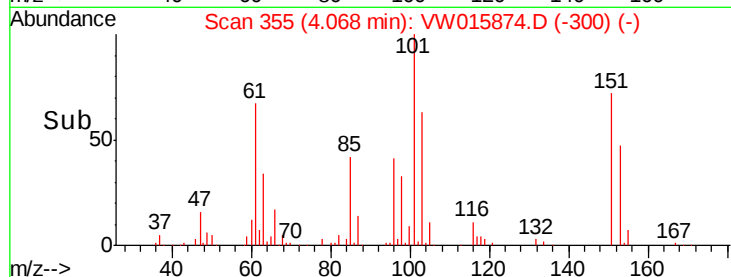
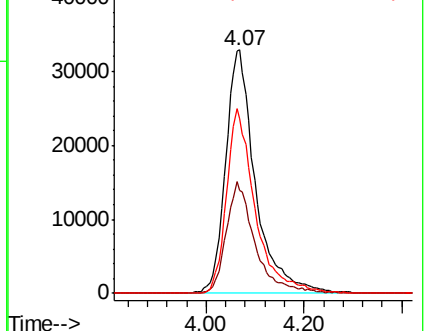
151 70.1 58.4 87.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 23.532 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

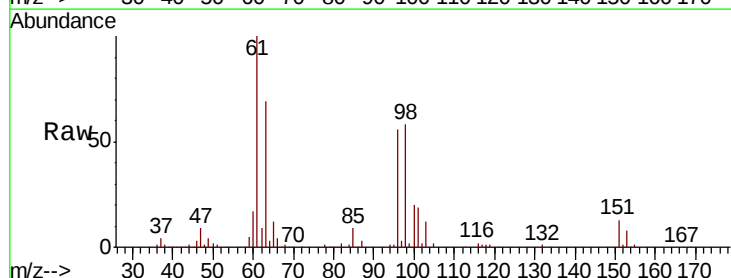
Tgt Ion: 96 Resp: 136299

Ion Ratio Lower Upper

96 100

61 179.6 125.0 232.2

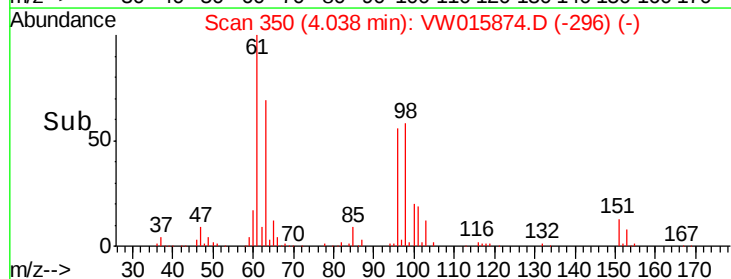
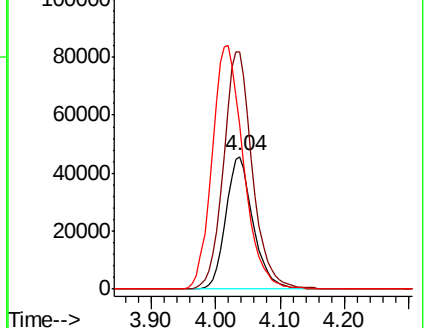
63 123.7 82.3 152.8

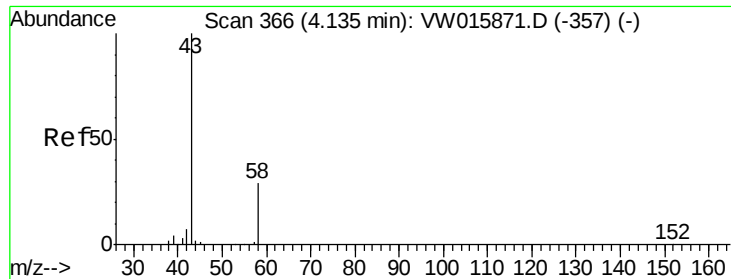


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 46.598 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampled :

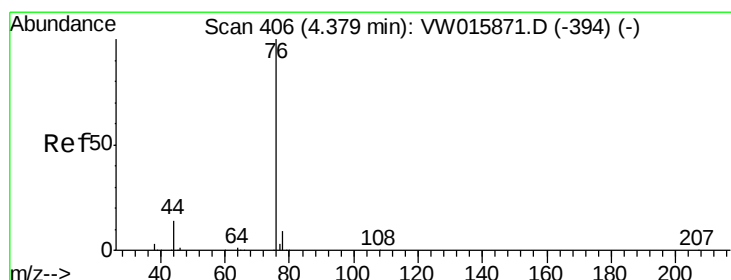
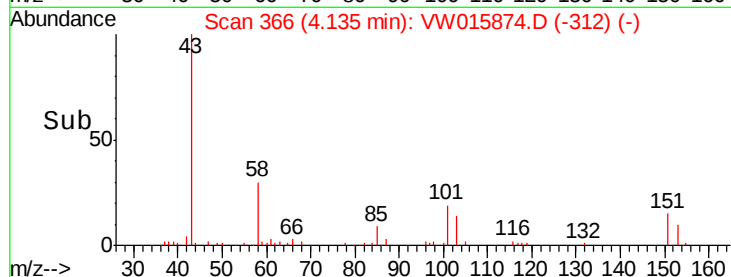
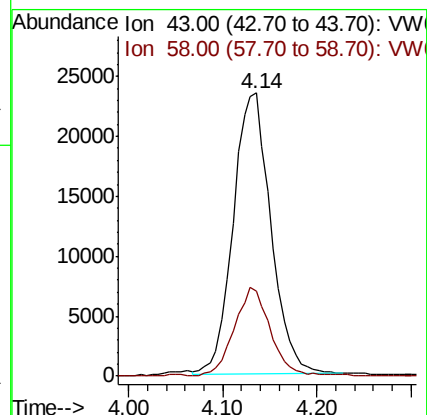
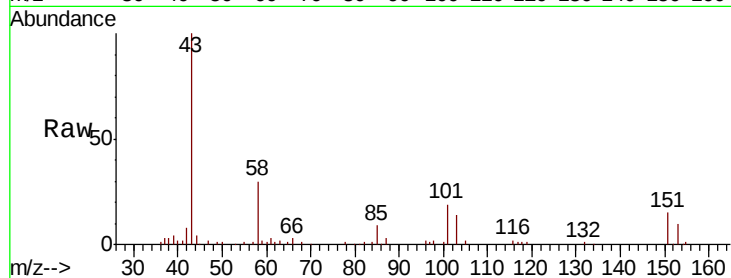
VICV05

Tot Ion: 43 Resp: 65355

Ion Ratio Lower Upper

43 100

58 29.8 0.0 58.2



#14

Carbon disulfide

Concen: 23.412 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015874.D

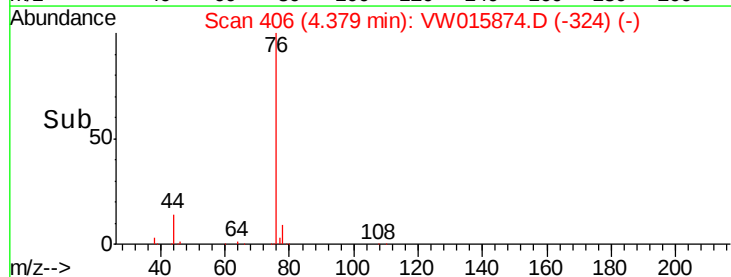
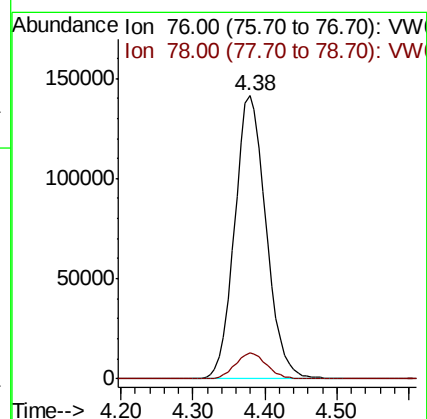
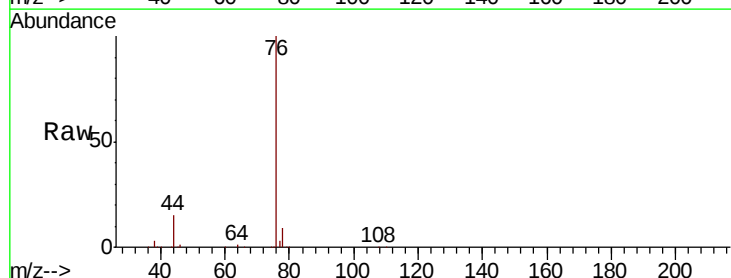
Acq: 20 Jul 2020 13:56

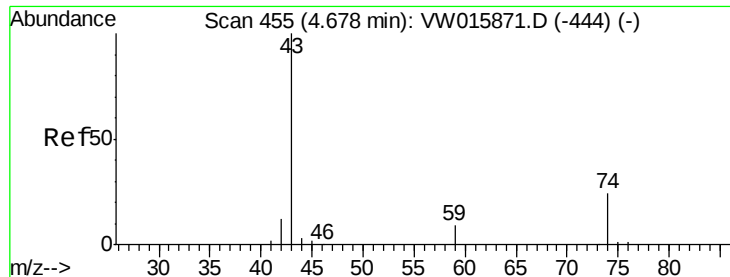
Tgt Ion: 76 Resp: 428267

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

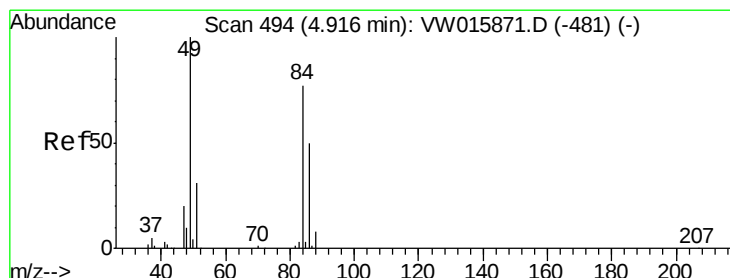
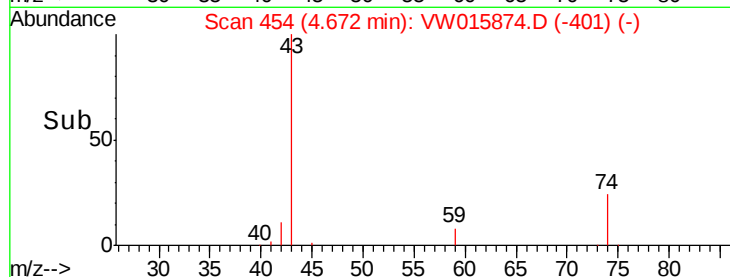
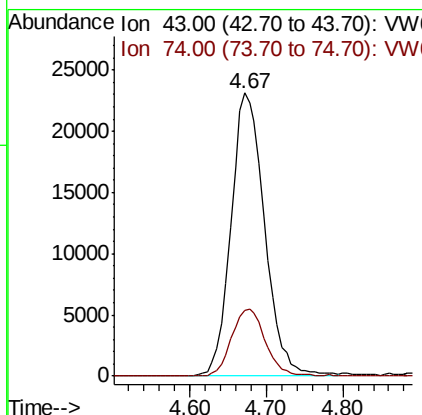
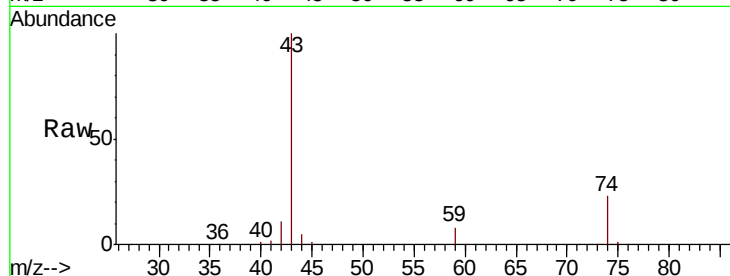




#15
Methvl Acetate
Concen: 26.609 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

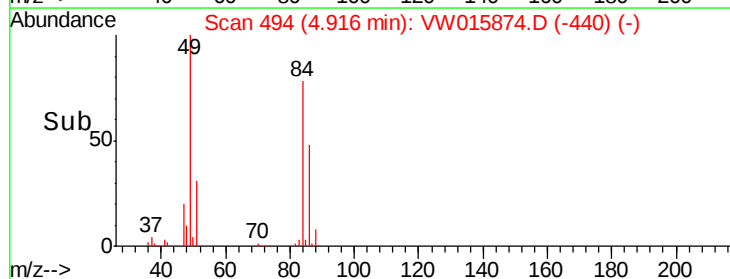
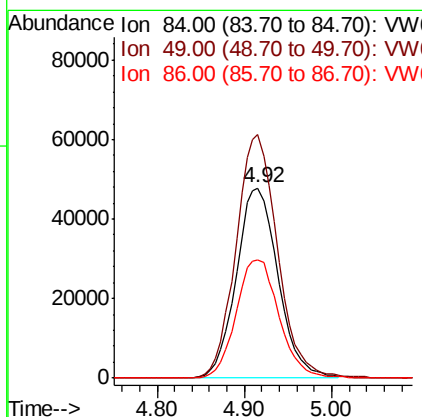
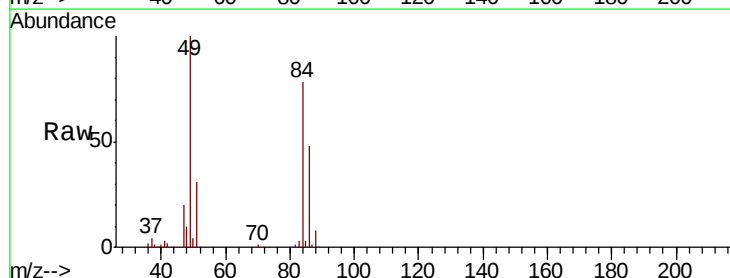
Instrument :
MSVOA_W
ClientSampleId :
VICV05

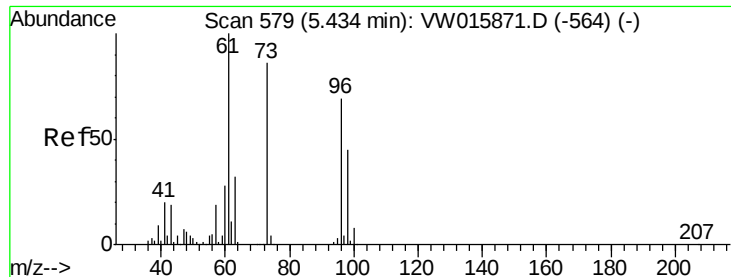
Tot Ion: 43 Resp: 70368
Ion Ratio Lower Upper
43 100
74 23.6 18.2 27.2



#16
Methylene chloride
Concen: 21.556 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 84 Resp: 159148
Ion Ratio Lower Upper
84 100
49 128.1 91.1 169.1
86 61.9 46.0 85.4

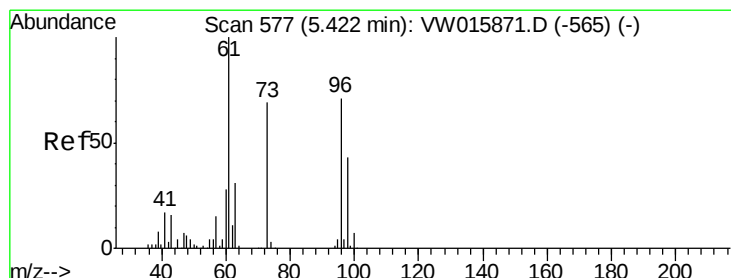
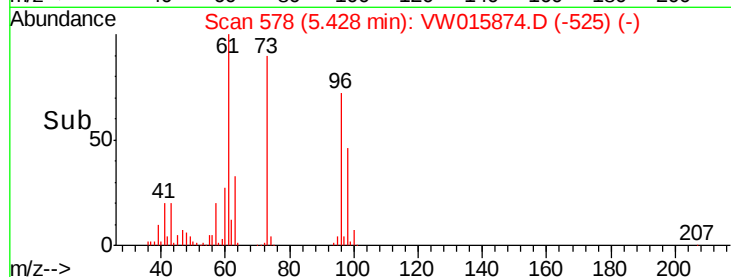
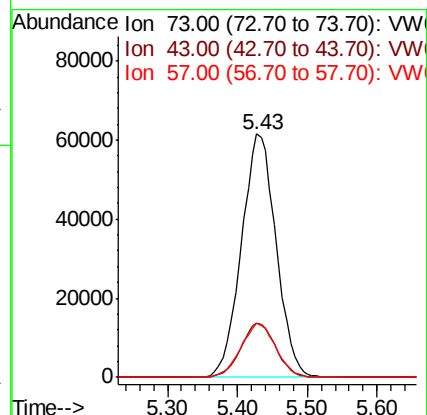
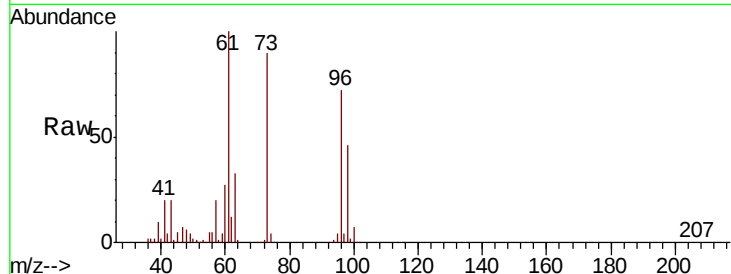




#17
Methvl tert-butvl Ether
Concen: 25.823 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

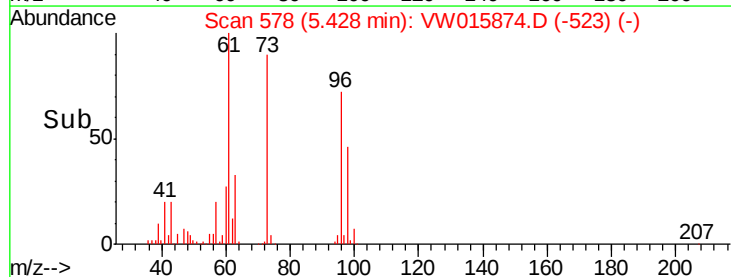
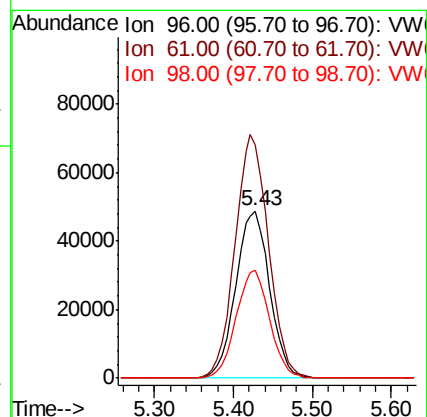
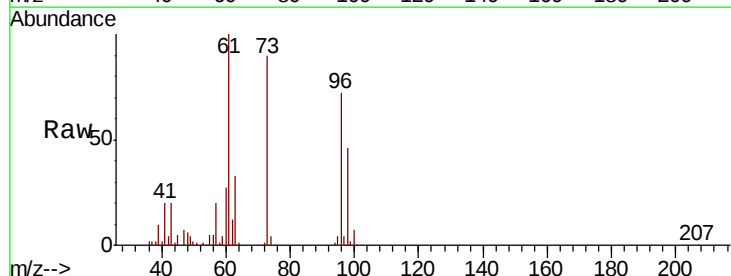
Instrument :
MSVOA_W
ClientSampleId :
VICV05

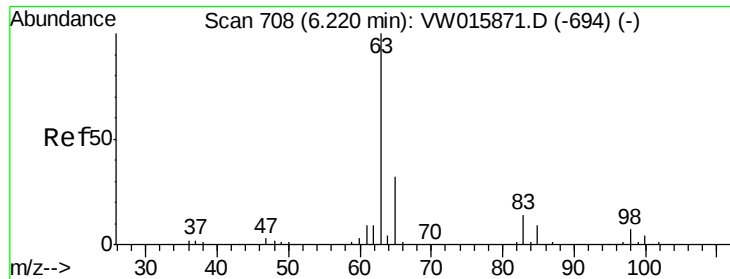
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.4	18.4	27.6
57	22.2	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 23.826 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	99.3	184.5
98	64.6	42.9	79.7

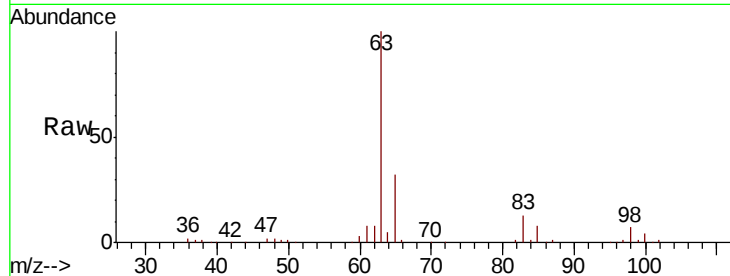




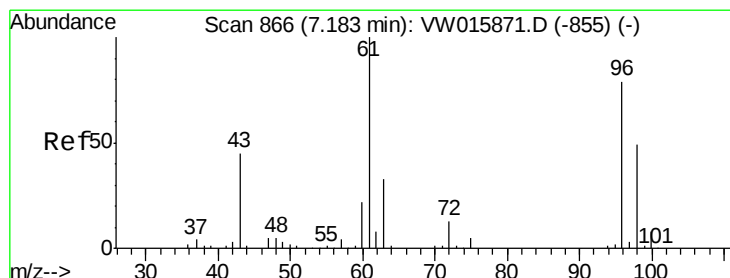
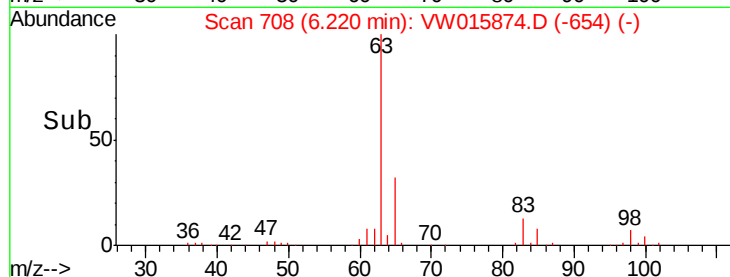
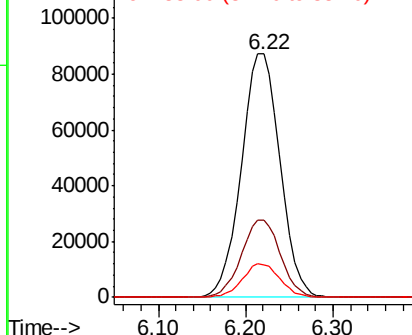
#19
 1,1-Dichloroethane
 Concen: 23.831 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Tot Ion: 63 Resp: 268607
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.2 41.2
 83 13.2 9.8 18.2

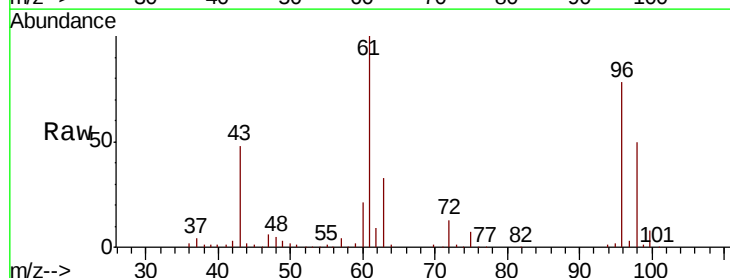


Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 65.00 (64.70 to 65.70): VW
 Ion 83.00 (82.70 to 83.70): VW

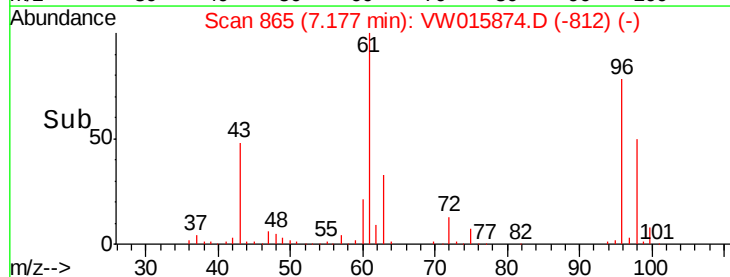
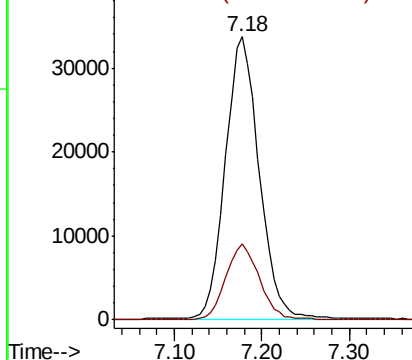


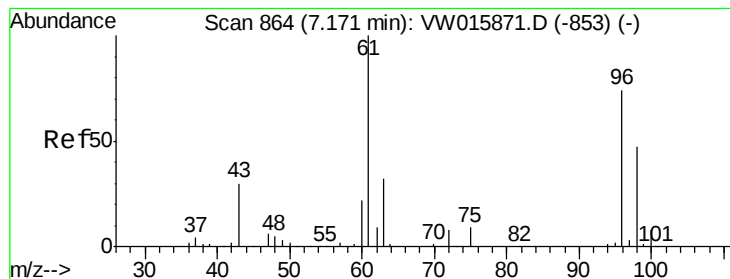
#21
 2-Butanone
 Concen: 52.455 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion: 43 Resp: 90975
 Ion Ratio Lower Upper
 43 100
 72 26.8 13.9 41.7



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



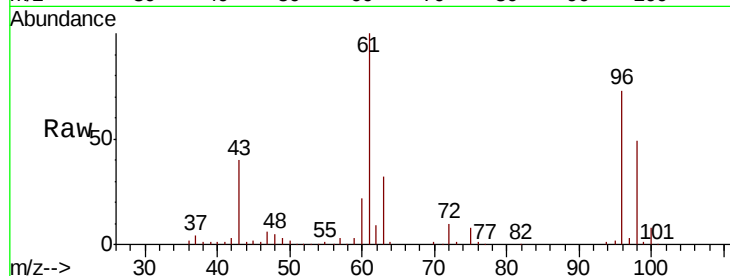


#22

cis-1,2-Dichloroethene
 Concen: 24.210 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Instrument :
 MSVOA_W
 ClientSampled :
 VICV05

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	94.6	175.8
98	67.2	44.3	82.3

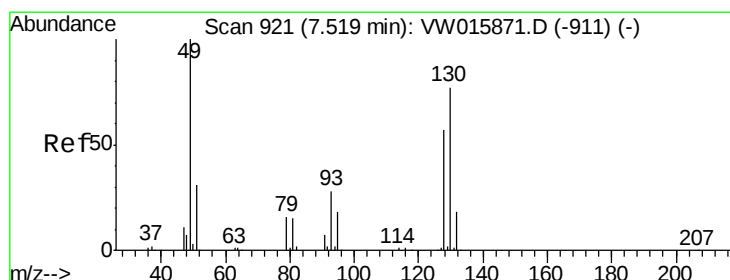
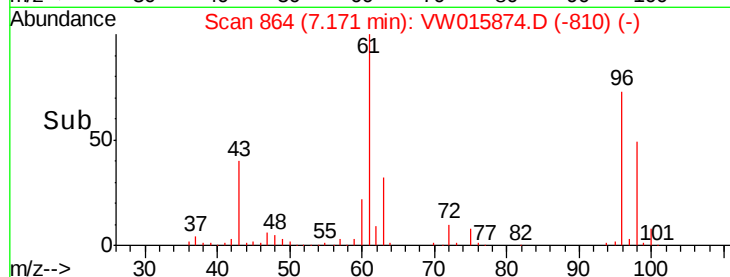
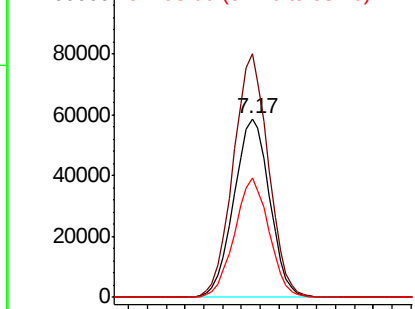


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
 Concen: 24.651 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion	Ratio	Lower	Upper
128	100		
49	168.4	122.4	227.2
130	127.7	93.9	174.5
51	53.5	43.2	64.8

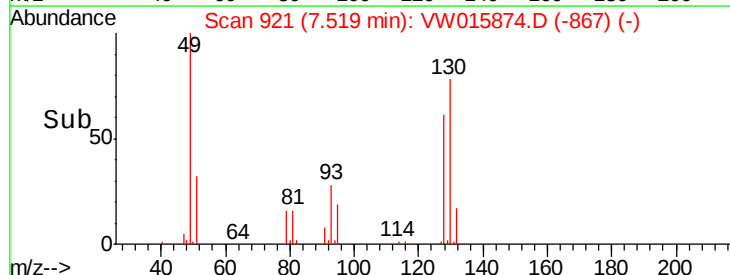
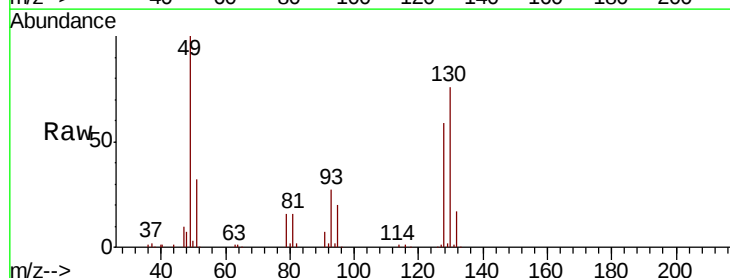
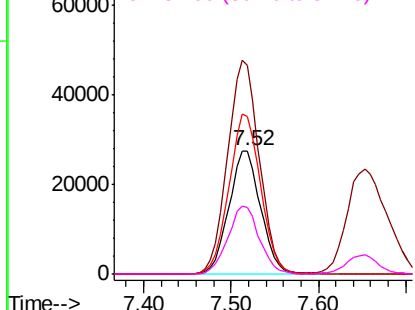
Abundance

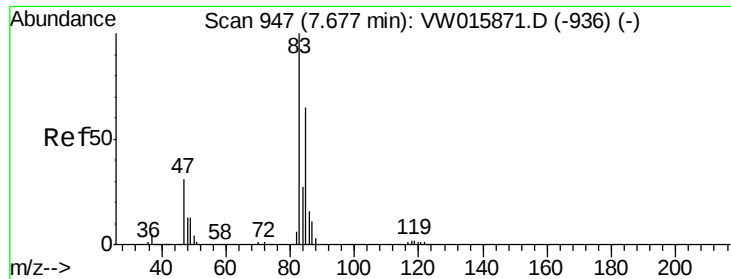
Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW

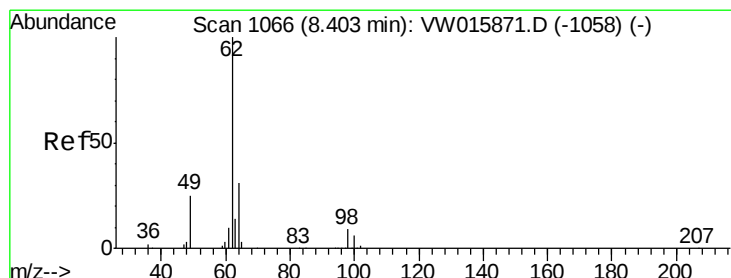
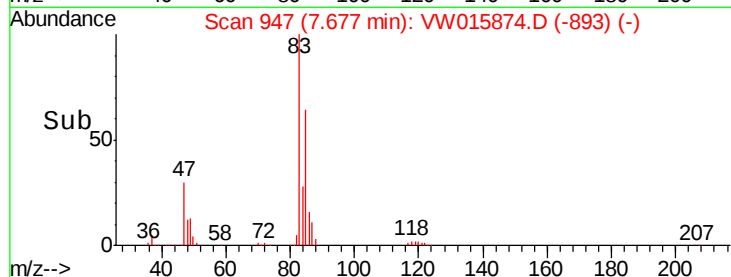
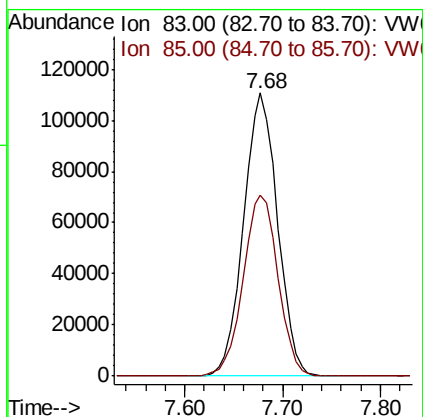
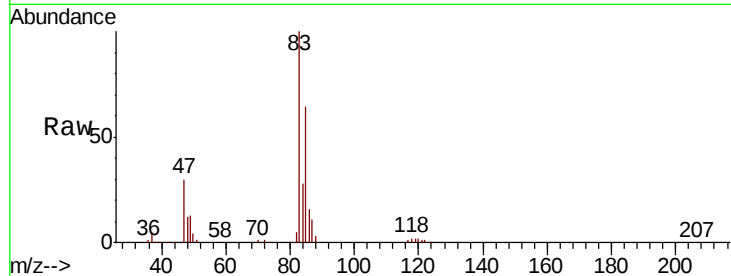




#25
Chloroform
Concen: 23.850 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

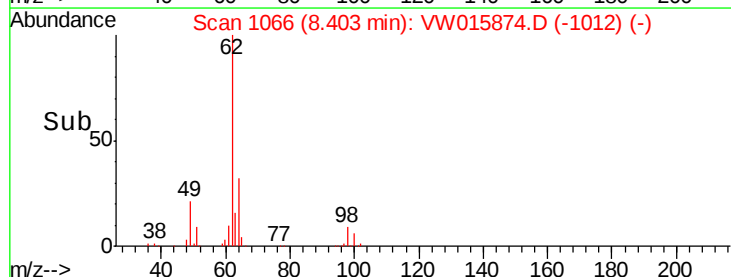
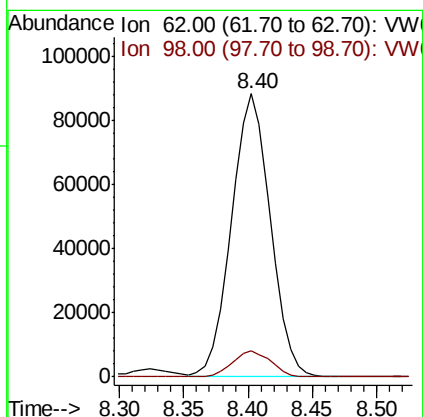
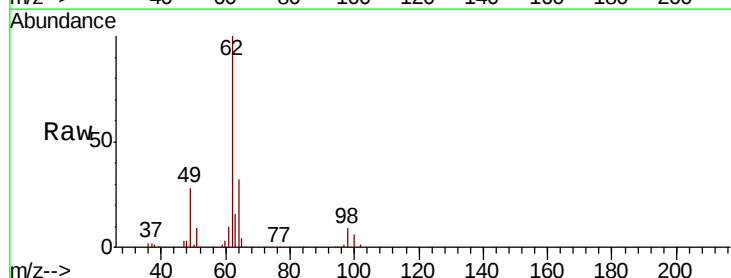
Instrument :
MSVOA_W
ClientSampled :
VICV05

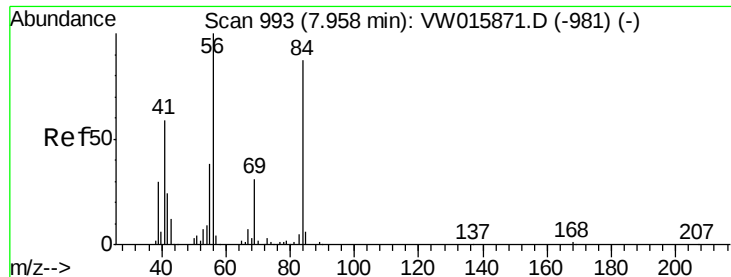
Tot Ion: 83 Resp: 266426
Ion Ratio Lower Upper
83 100
85 65.8 46.5 86.5



#27
1,2-Dichloroethane
Concen: 24.364 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 62 Resp: 185193
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.6

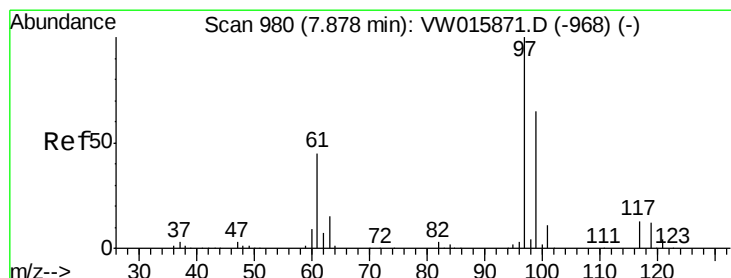
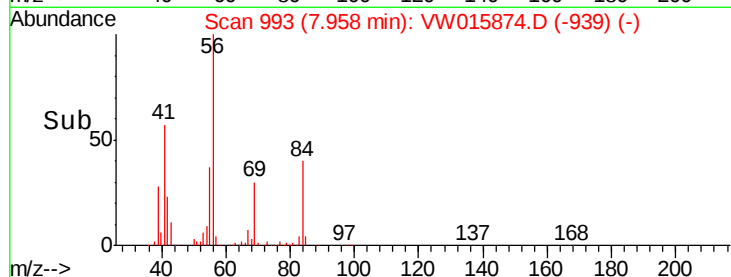
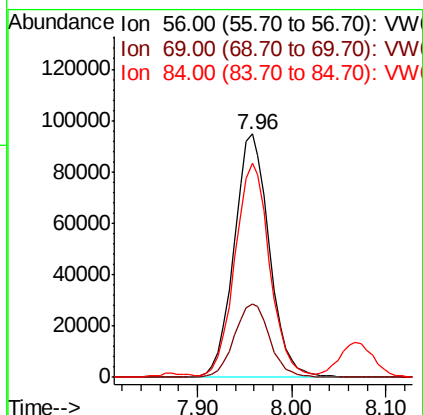
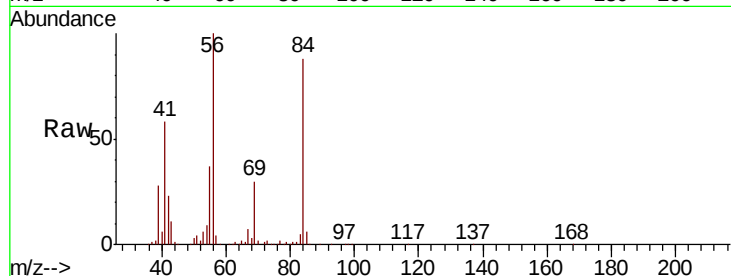




#30
Cyclohexane
Concen: 23.827 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

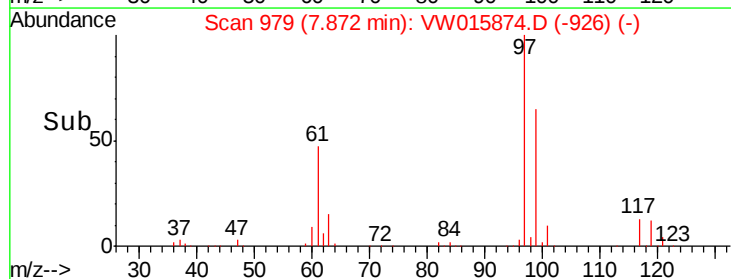
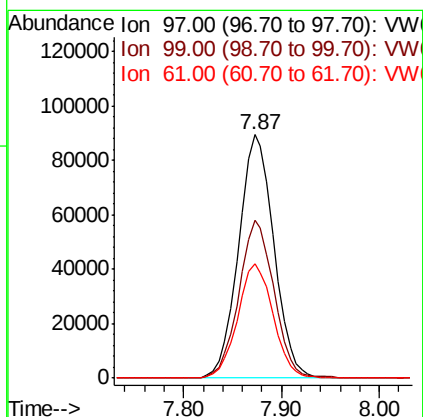
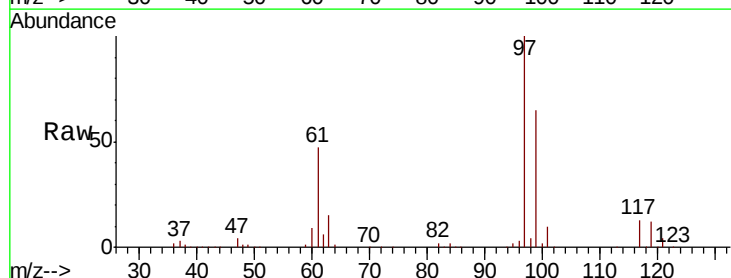
Instrument :
MSVOA_W
ClientSampled :
VICV05

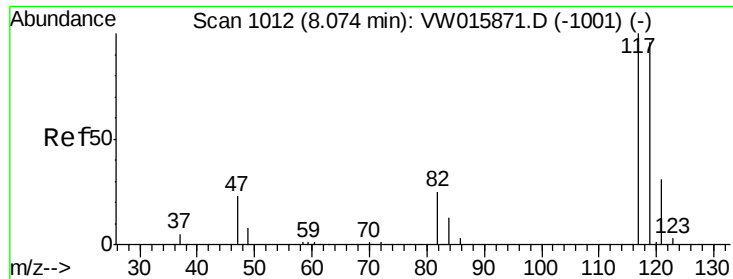
Tot Ion: 56 Resp: 247385
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 87.2 69.3 103.9



#31
1,1,1-Trichloroethane
Concen: 23.268 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 97 Resp: 223717
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 47.1 37.6 56.4





#32

Carbon tetrachloride

Concen: 23.271 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

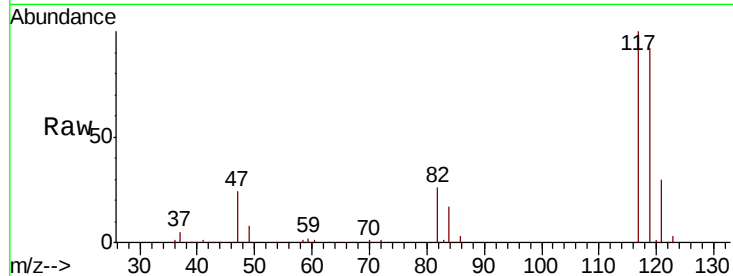
VICV05

Tot Ion:117 Resp: 202891

Ion Ratio Lower Upper

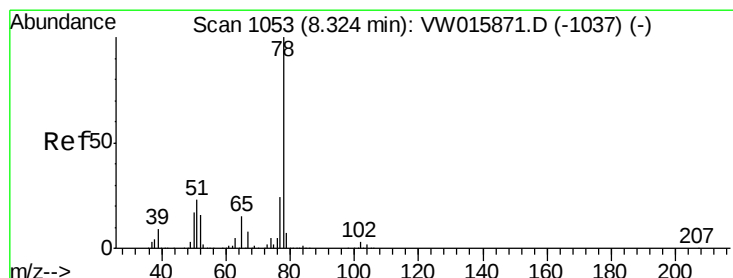
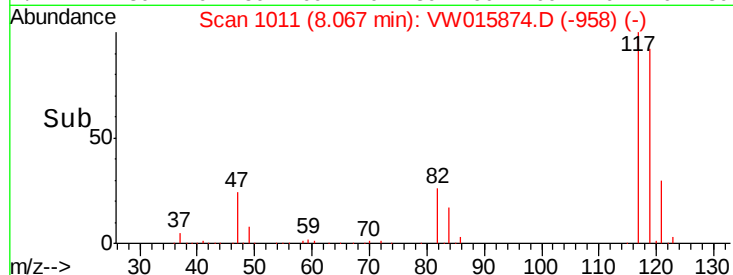
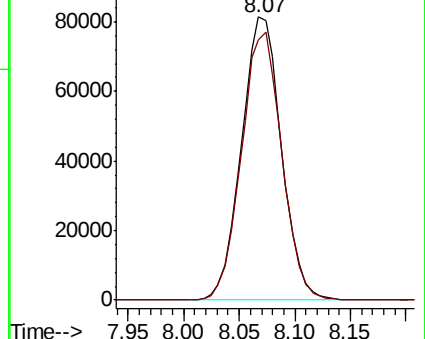
117 100

119 95.8 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 23.944 ug/L

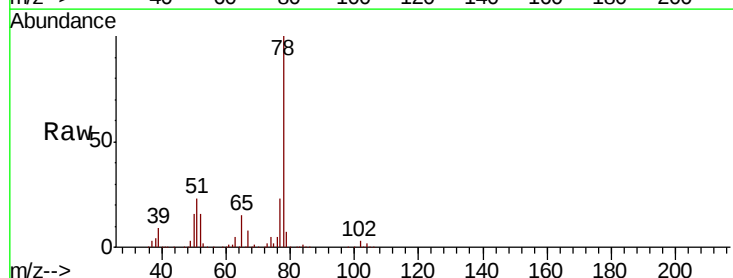
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

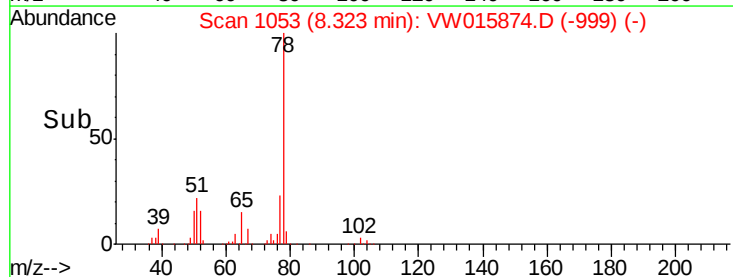
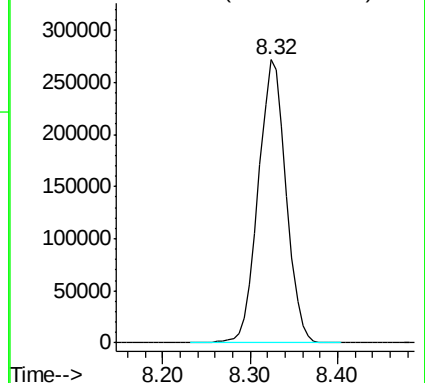
Lab File: VW015874.D

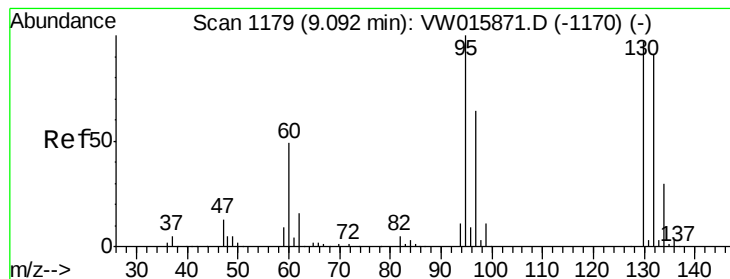
Acq: 20 Jul 2020 13:56

Tgt Ion: 78 Resp: 598801



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 23.297 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

VICV05

Tot Ion: 95 Resp: 154126

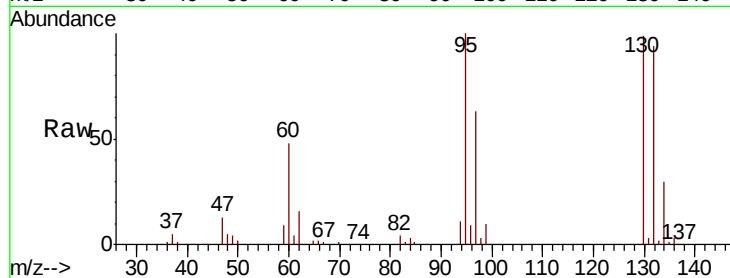
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.4

132 95.6 65.1 120.9

130 98.8 68.6 127.4

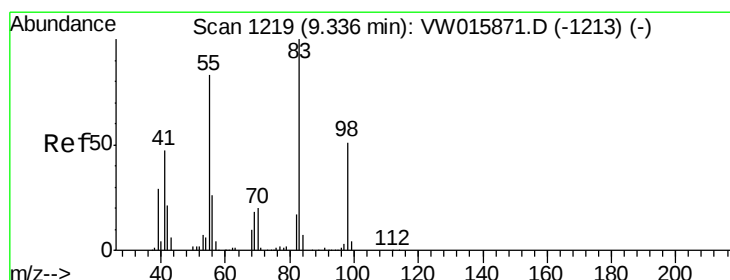
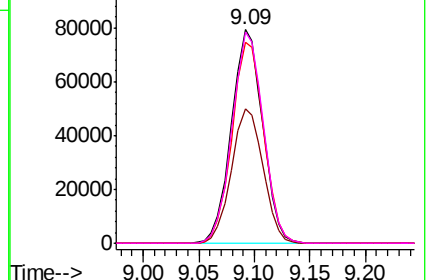
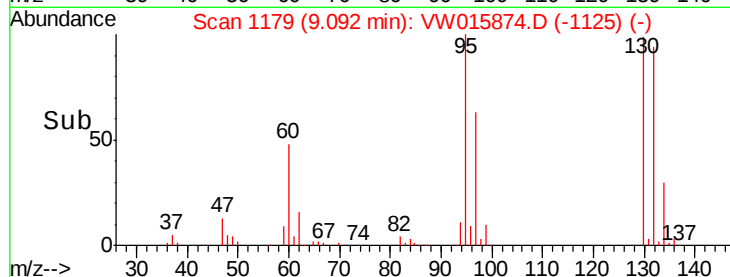


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 23.925 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

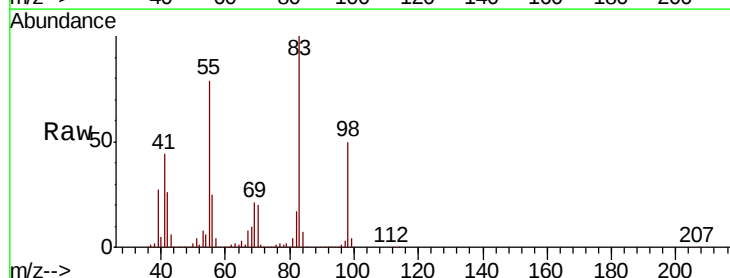
Tgt Ion: 83 Resp: 271594

Ion Ratio Lower Upper

83 100

55 77.4 63.5 95.3

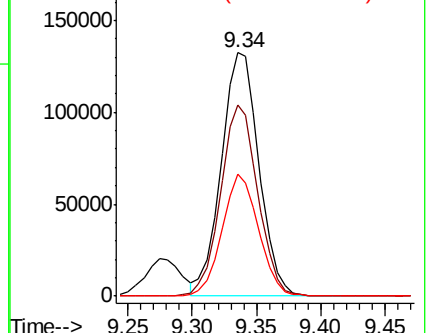
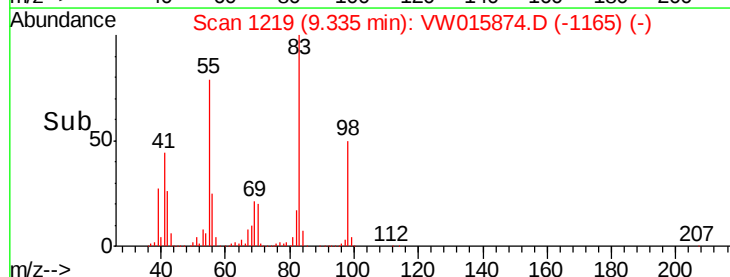
98 48.4 39.0 58.4

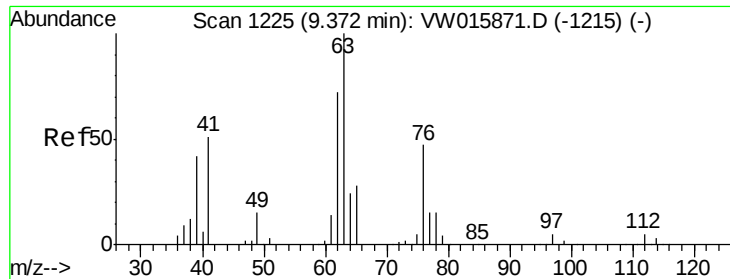


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

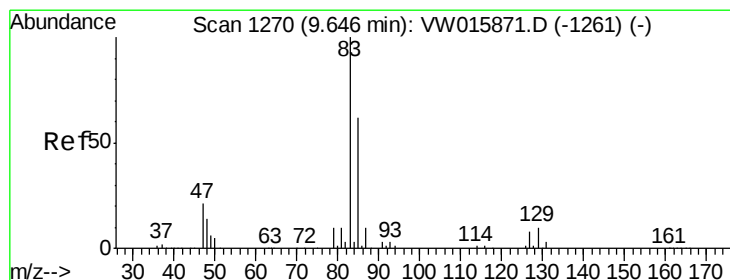
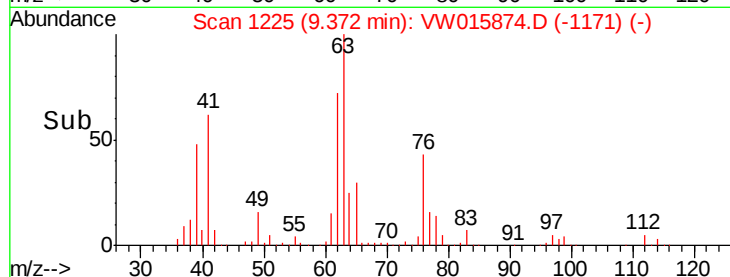
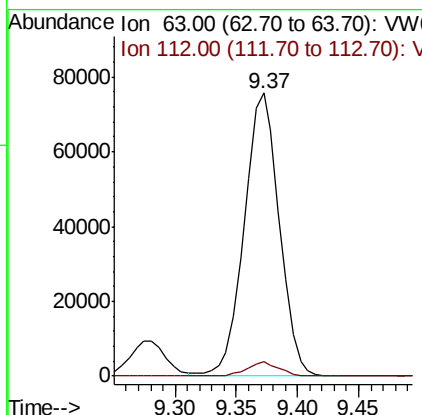
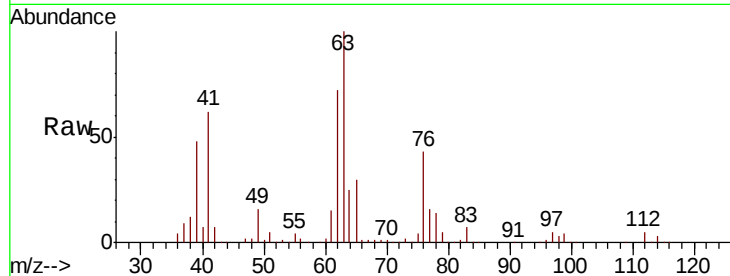




#40
 1,2-Dichloropropane
 Concen: 24.399 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

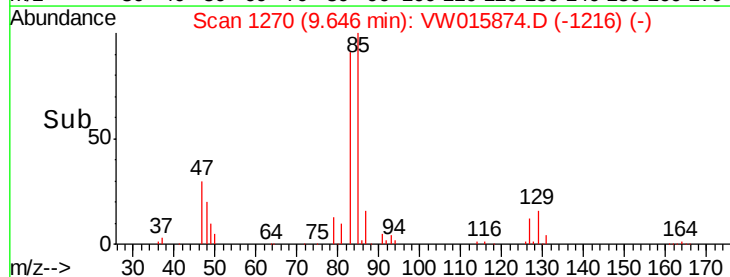
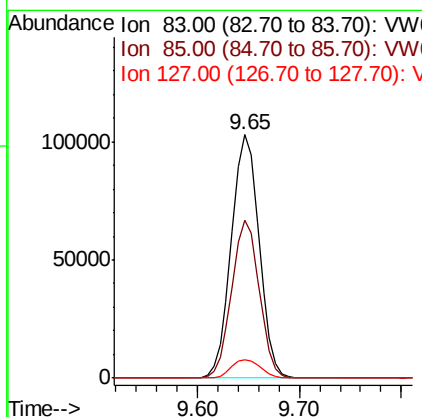
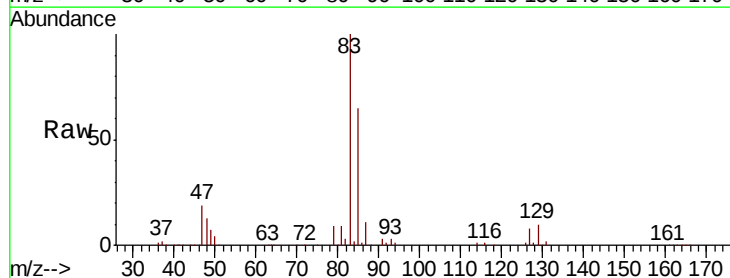
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

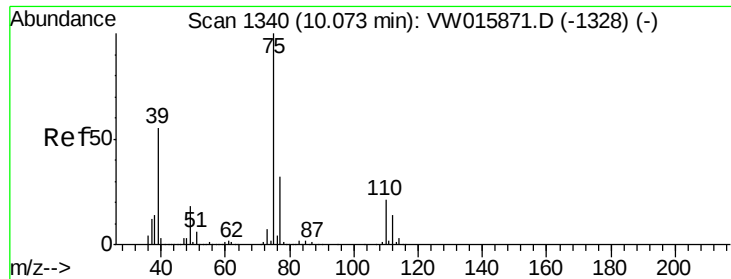
Tot Ion: 63 Resp: 151161
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.7 5.5



#41
 Bromodichloromethane
 Concen: 24.205 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion: 83 Resp: 193665
 Ion Ratio Lower Upper
 83 100
 85 64.7 43.7 81.1
 127 7.6 6.5 9.7

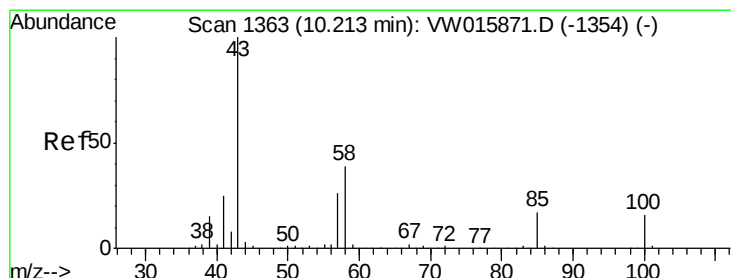
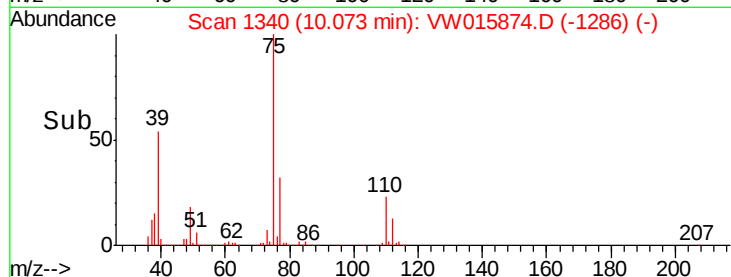
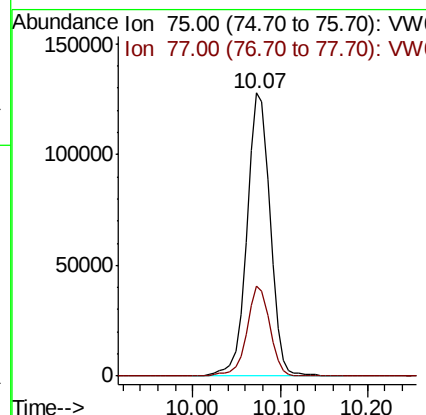
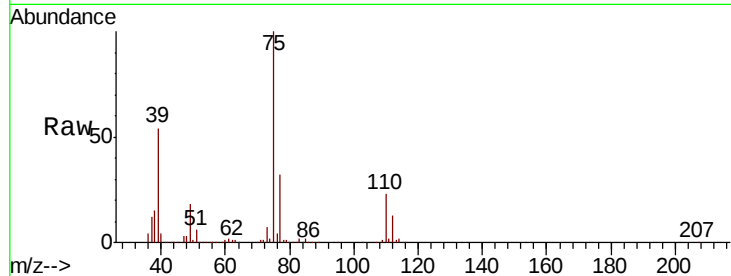




#42
 cis-1,3-Dichloropropene
 Concen: 24.911 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

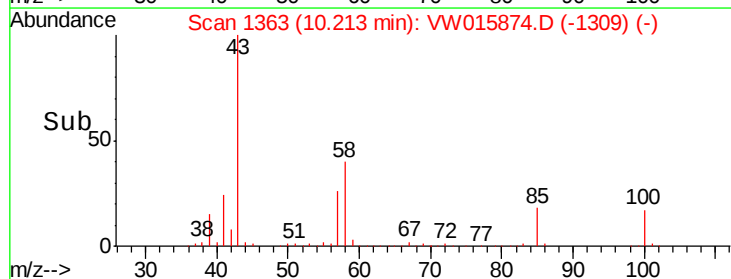
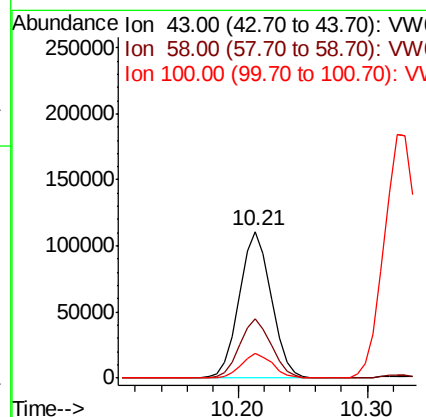
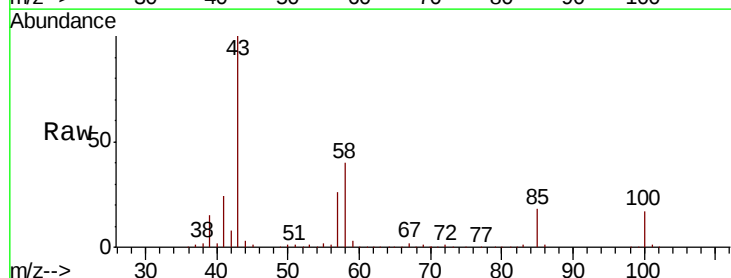
Instrument :
 MSVOA_W
 ClientSampled :
 VICV05

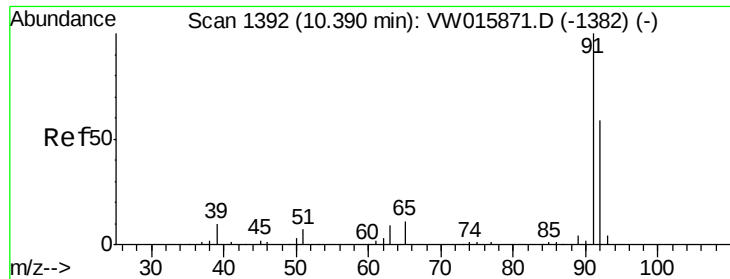
Tot Ion: 75 Resp: 235056
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 52.945 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion: 43 Resp: 191460
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.0 46.4
 100 16.4 12.6 19.0





#44

Toluene

Concen: 24.267 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

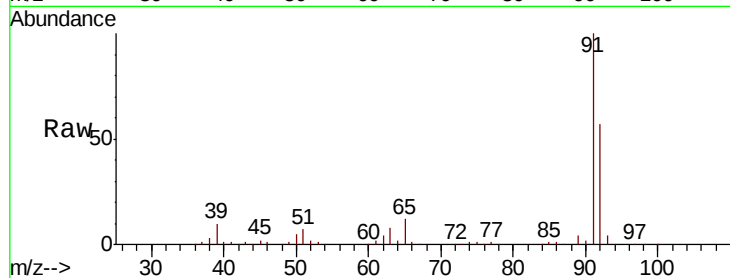
VICV05

Tot Ion: 91 Resp: 636507

Ion Ratio Lower Upper

91 100

92 56.9 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

400000

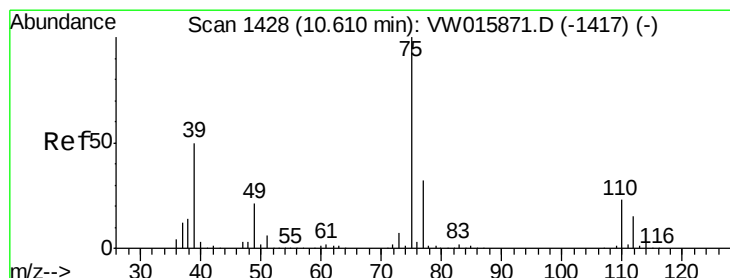
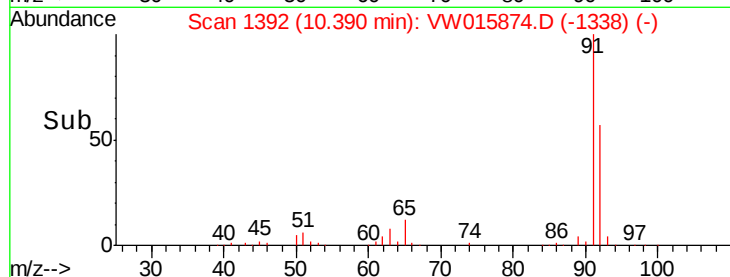
300000

200000

100000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 25.342 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015874.D

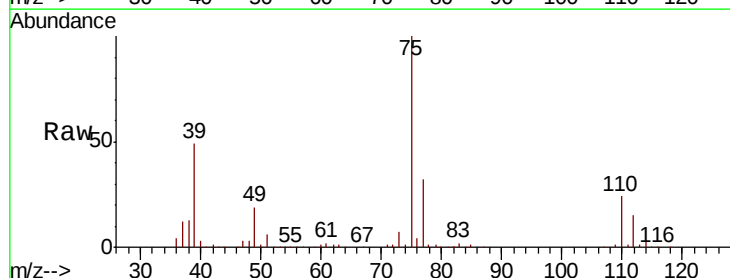
Acq: 20 Jul 2020 13:56

Tgt Ion: 75 Resp: 207270

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

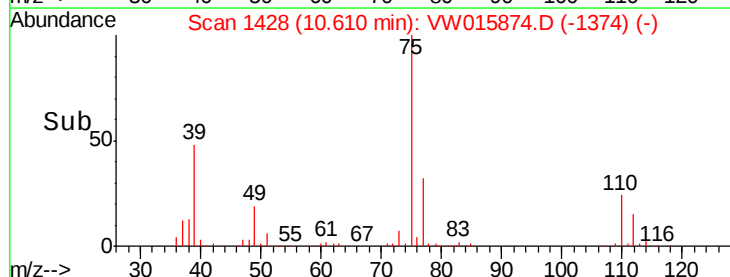
10.61

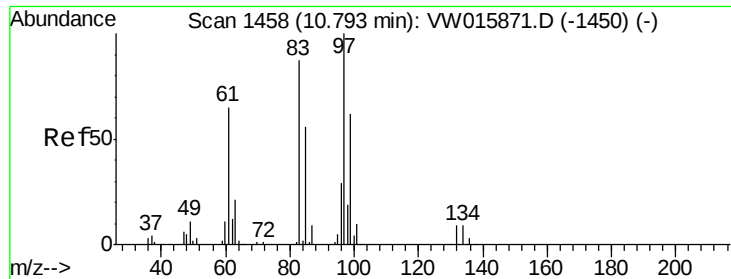
100000

50000

0

Time-->

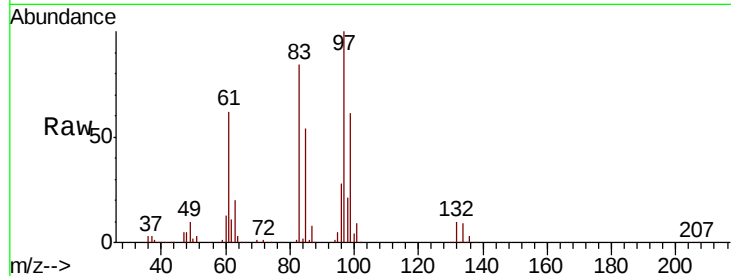




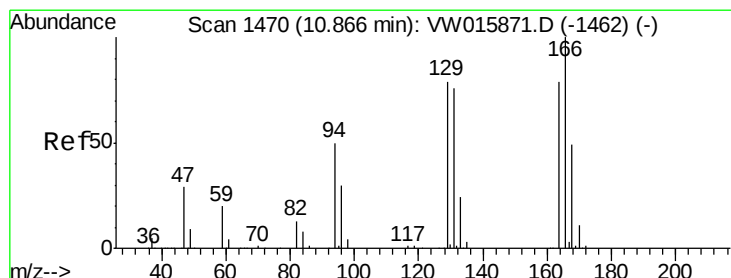
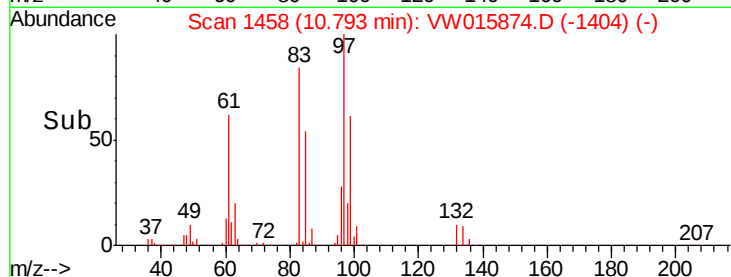
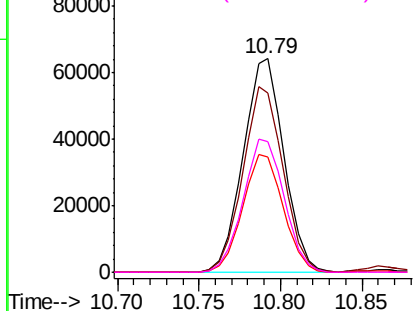
#46
1,1,2-Trichloroethane
Concen: 25.053 ug/L
RT: 10.79 min Scan# 1458
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Instrument :
MSVOA_W
ClientSampleId :
VICV05

Tot Ion: 97 Resp: 111616
Ion Ratio Lower Upper
97 100
83 83.7 60.6 112.6
85 53.7 38.9 72.2
99 61.2 43.1 80.1

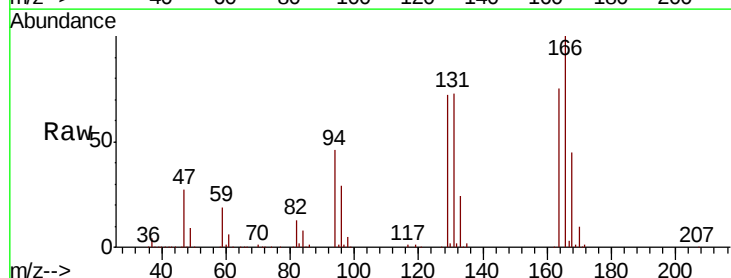


Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW
Ion 99.00 (98.70 to 99.70): VW

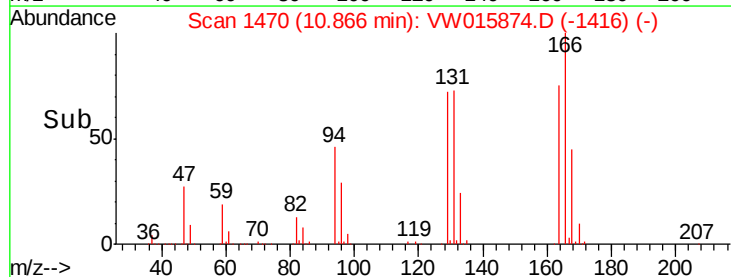
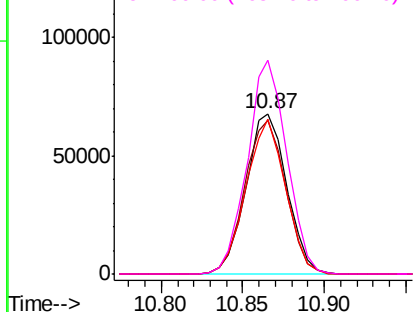


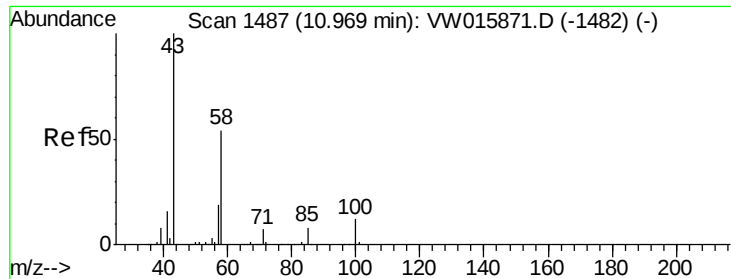
#47
Tetrachloroethene
Concen: 22.983 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 164 Resp: 118022
Ion Ratio Lower Upper
164 100
129 96.2 70.0 130.0
131 97.0 67.3 124.9
166 133.4 88.5 164.3



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

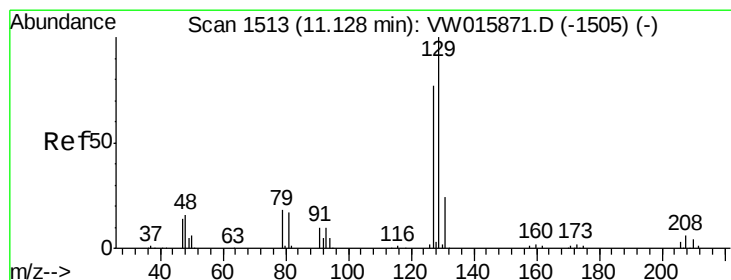
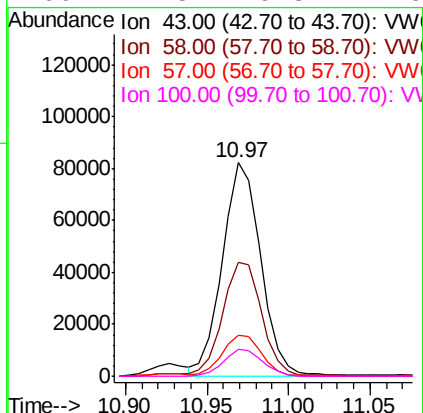
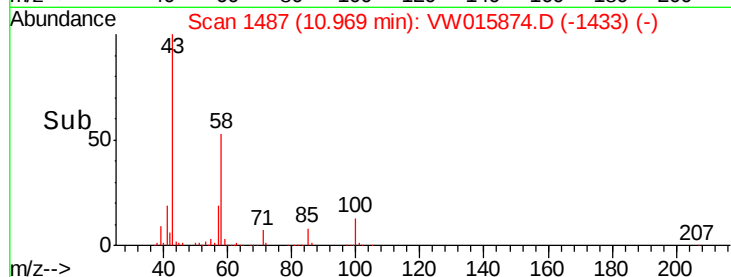
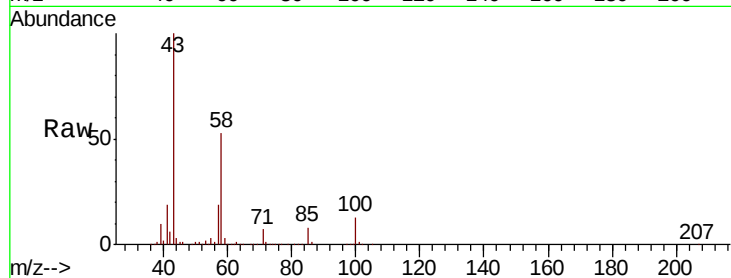




#49
2-Hexanone
Concen: 52.858 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

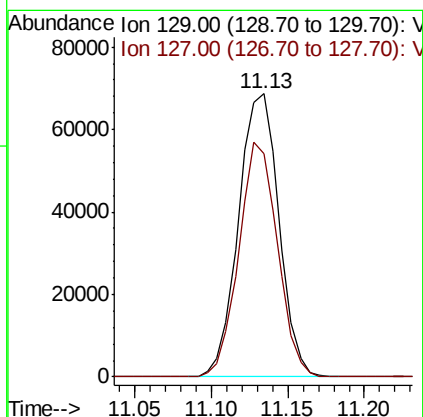
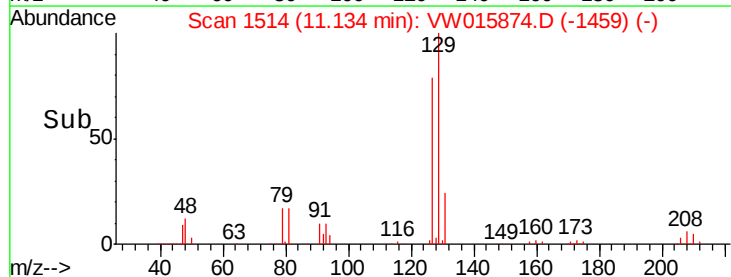
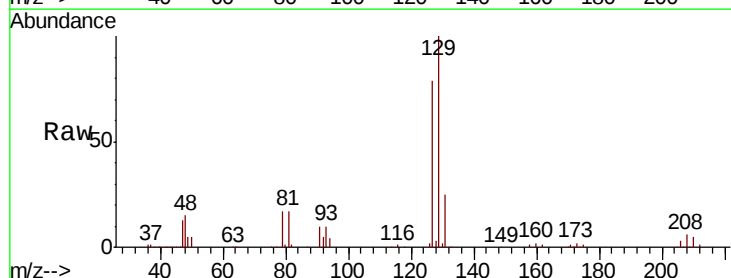
Instrument :
MSVOA_W
ClientSampleId :
VICV05

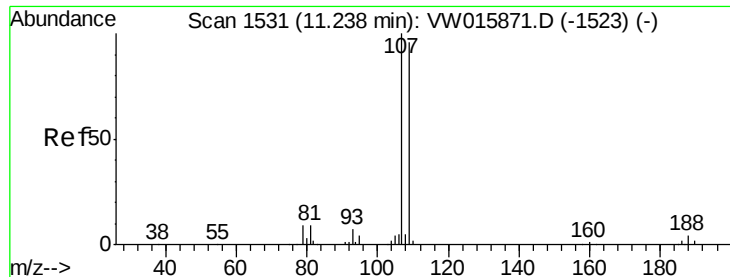
Tot Ion: 43 Resp: 135643
Ion Ratio Lower Upper
43 100
58 52.9 42.4 63.6
57 19.5 15.6 23.4
100 12.8 9.8 14.6



#50
Dibromochloromethane
Concen: 24.406 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 129 Resp: 125884
Ion Ratio Lower Upper
129 100
127 79.0 53.8 100.0

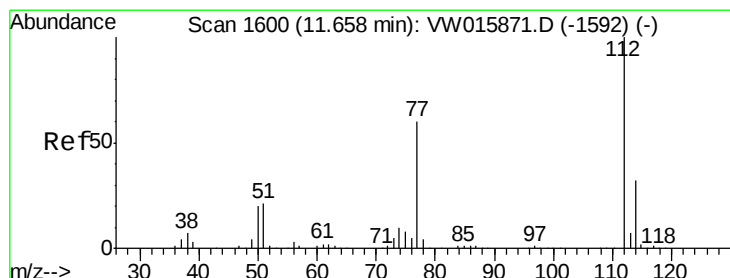
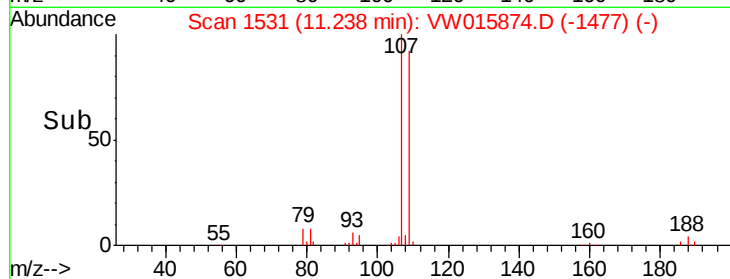
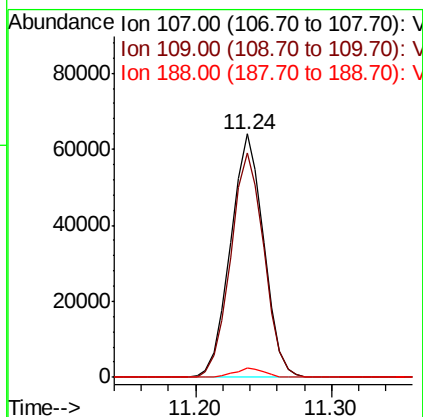
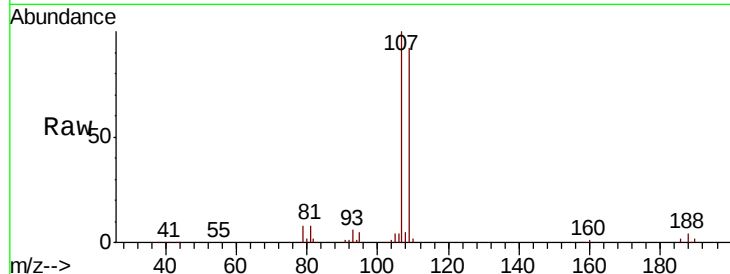




#51
1,2-Dibromoethane
Concen: 25.446 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

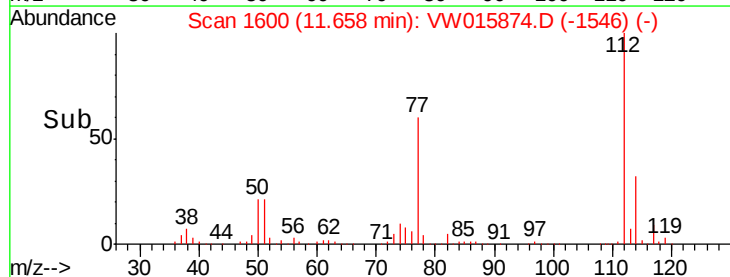
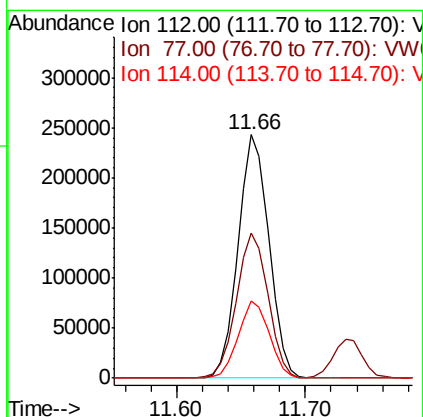
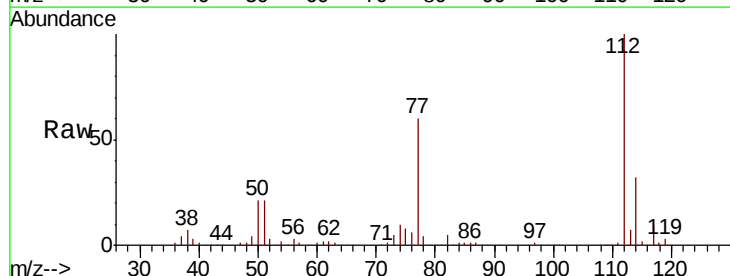
Instrument :
MSVOA_W
ClientSampleId :
VICV05

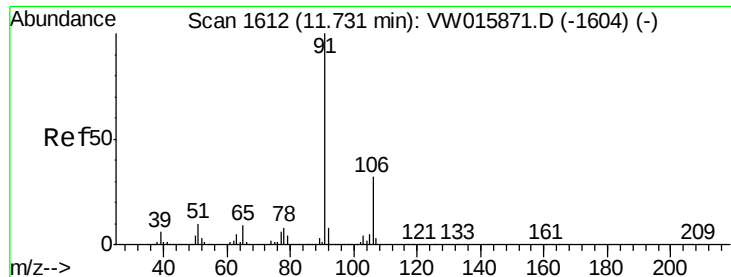
Tot Ion:107 Resp: 108450
Ion Ratio Lower Upper
107 100
109 92.3 66.9 124.3
188 3.8 3.2 4.8



#52
Chlorobenzene
Concen: 23.968 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion:112 Resp: 402832
Ion Ratio Lower Upper
112 100
77 59.7 47.8 71.6
114 31.9 22.1 41.1

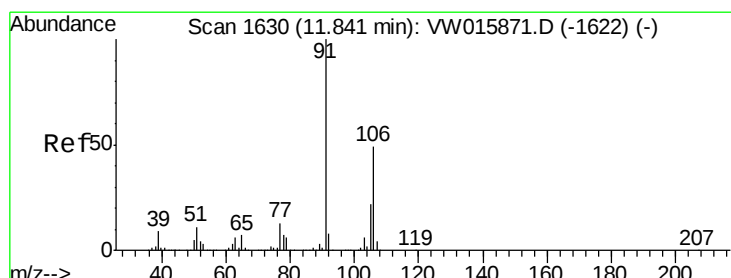
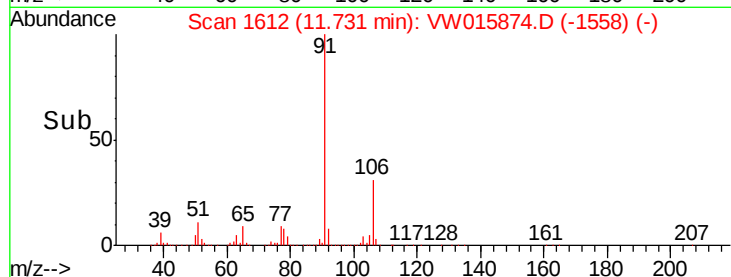
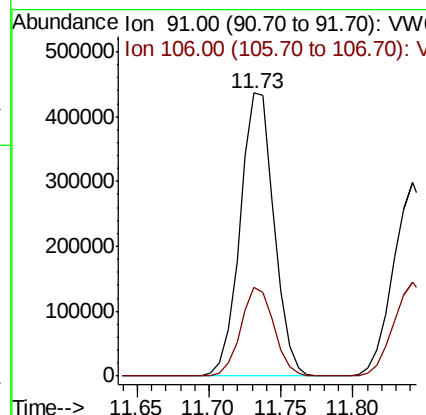
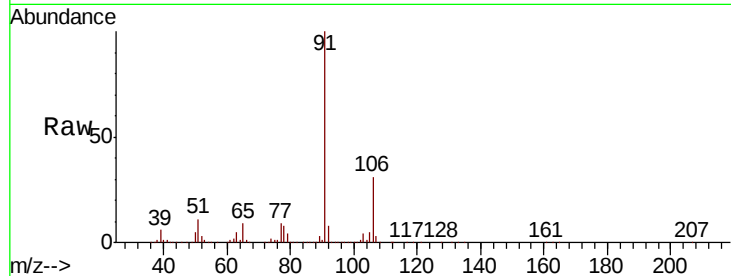




#53
Ethylbenzene
Concen: 24.154 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

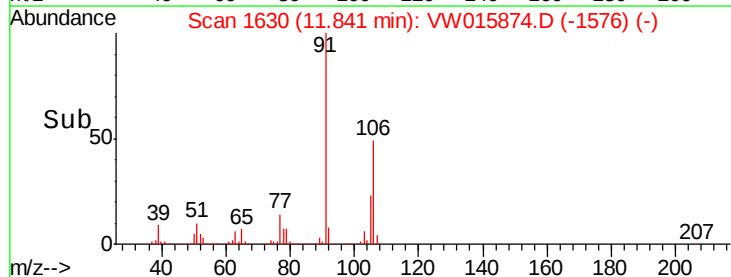
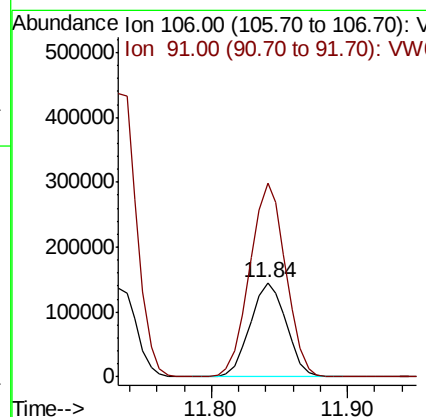
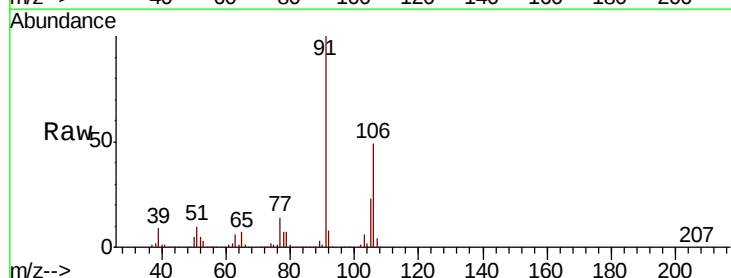
Instrument :
MSVOA_W
ClientSampleId :
VICV05

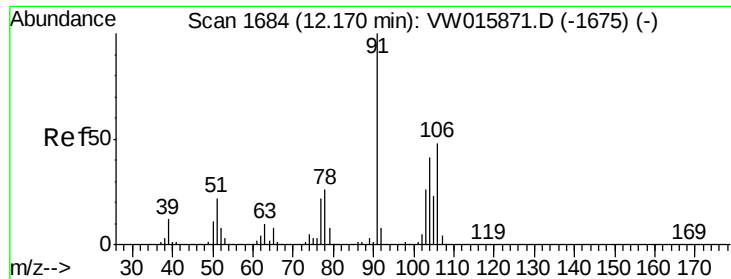
Tot Ion: 91 Resp: 712408
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#54
m,p-Xylene
Concen: 24.464 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion: 106 Resp: 269962
Ion Ratio Lower Upper
106 100
91 205.8 144.1 267.5

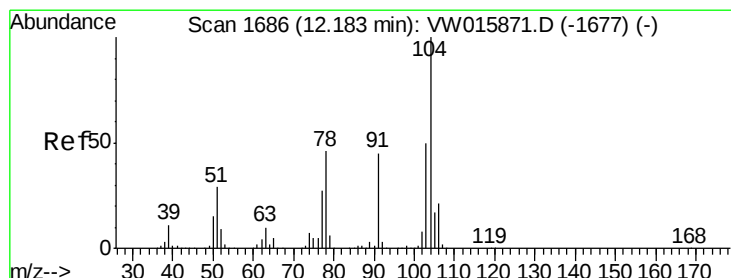
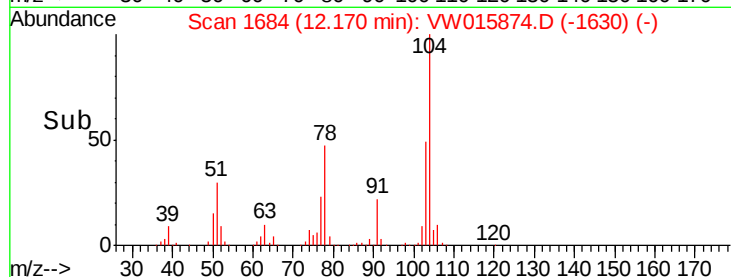
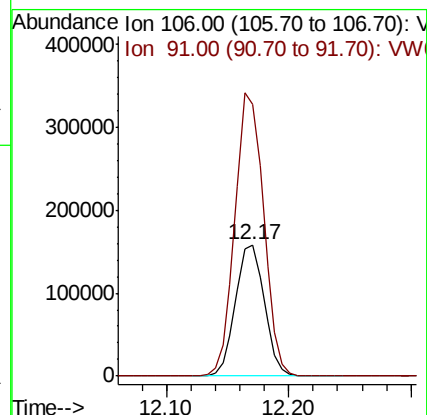
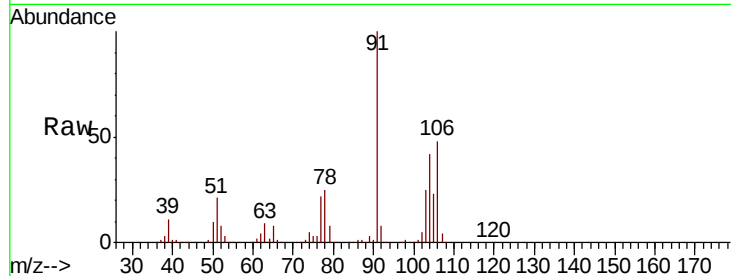




#55
o-xylene
Concen: 24.862 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

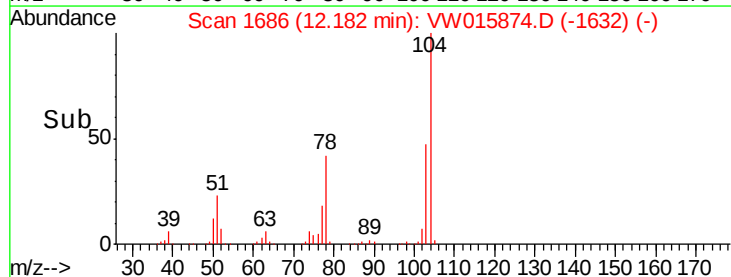
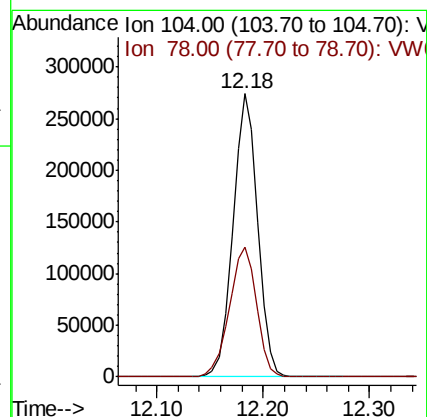
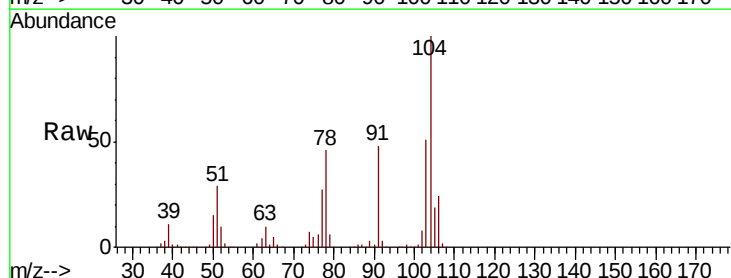
Instrument :
MSVOA_W
ClientSampleId :
VICV05

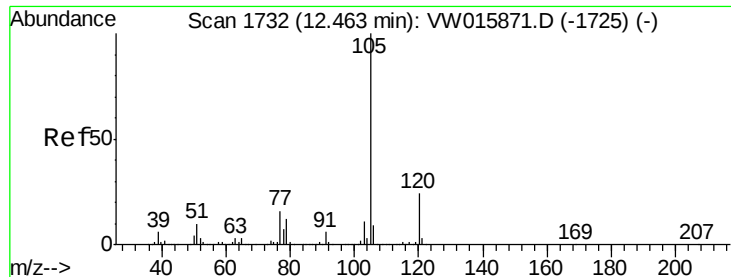
Tot Ion:106 Resp: 258336
Ion Ratio Lower Upper
106 100
91 207.3 146.8 272.6



#56
Styrene
Concen: 25.058 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015874.D
Acq: 20 Jul 2020 13:56

Tgt Ion:104 Resp: 442786
Ion Ratio Lower Upper
104 100
78 45.8 32.0 59.4





#57

Isopropylbenzene

Concen: 24.574 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleID :

VICV05

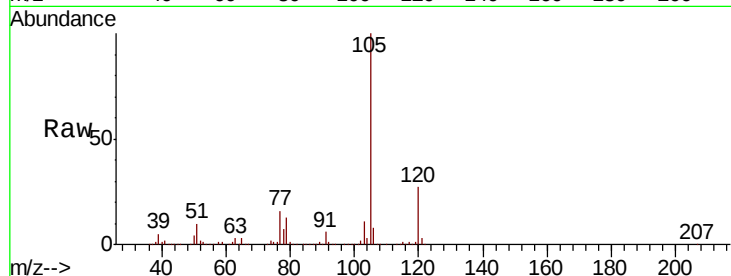
Tot Ion: 105 Resp: 695102

Ion Ratio Lower Upper

105 100

120 26.2 20.4 30.6

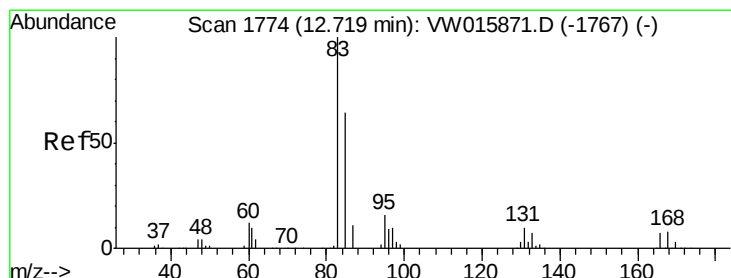
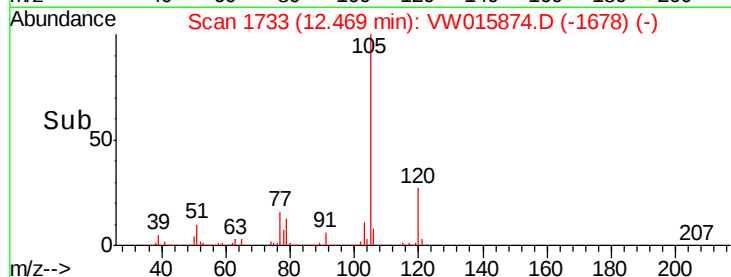
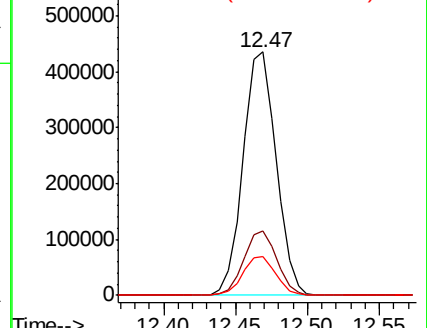
77 15.9 12.9 19.3



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



#58

1,1,2,2-Tetrachloroethane

Concen: 25.699 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

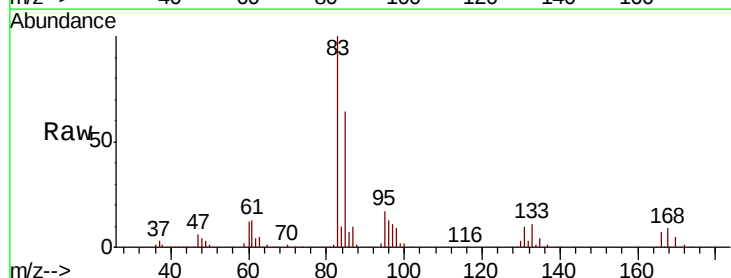
Tgt Ion: 83 Resp: 134445

Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.7

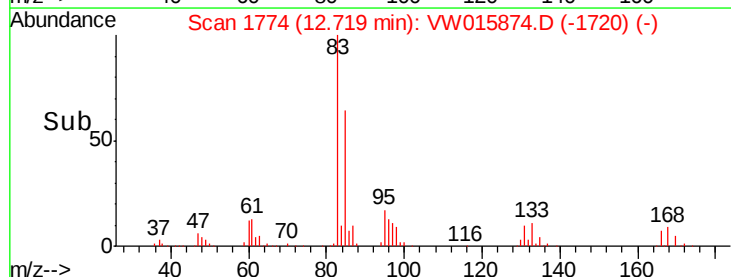
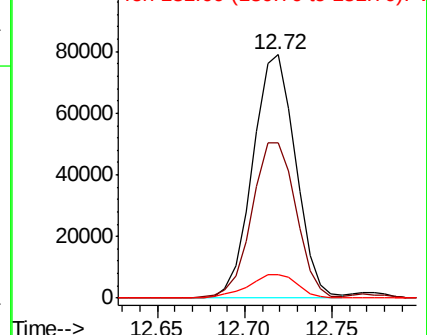
131 9.8 8.2 12.4

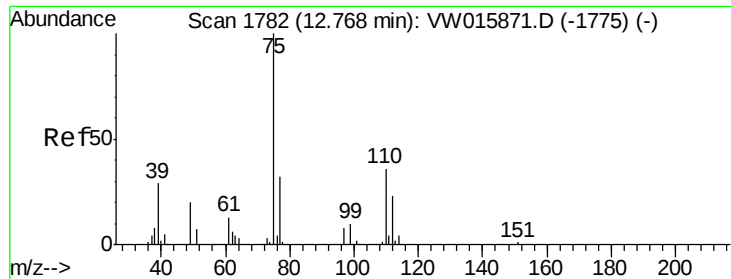


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.900 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampled :

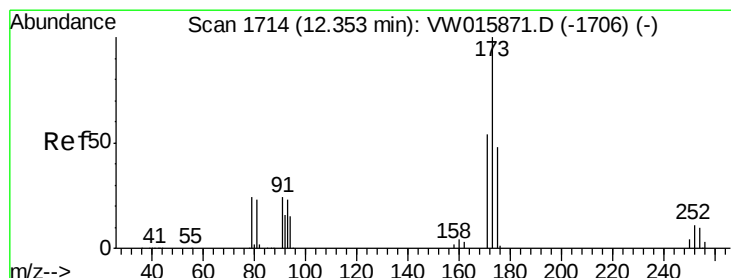
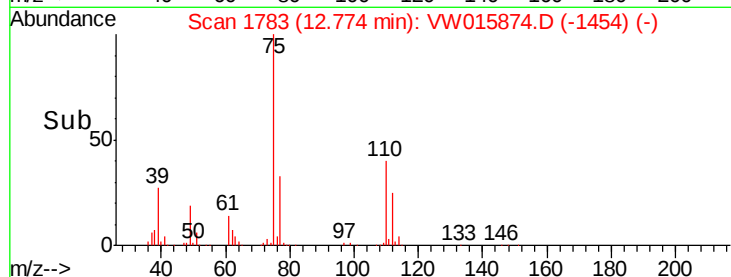
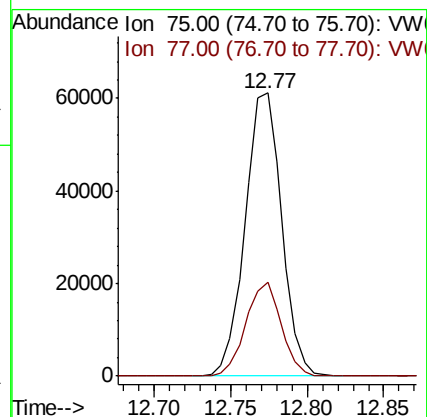
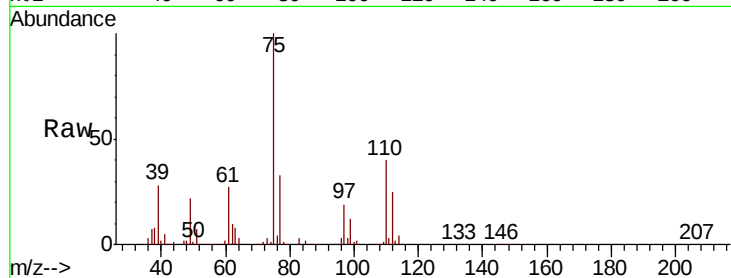
VICV05

Tot Ion: 75 Resp: 101520

Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0



#62

Bromoform

Concen: 24.981 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

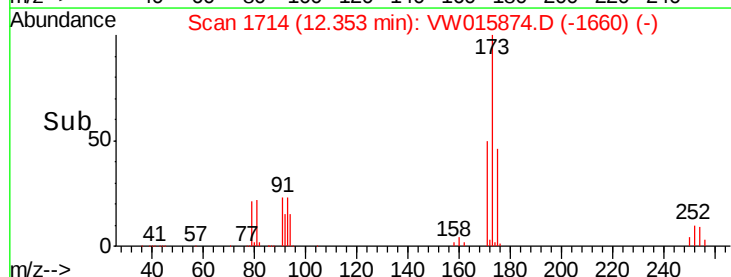
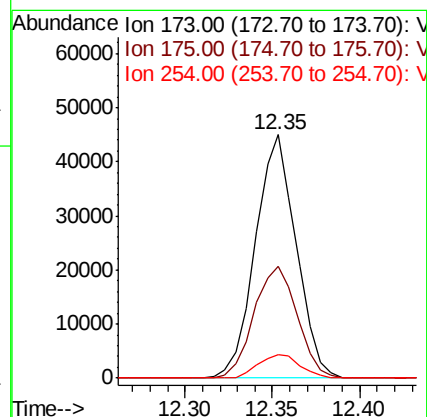
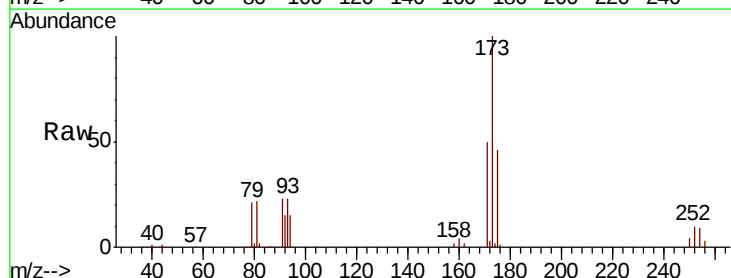
Tgt Ion: 173 Resp: 72709

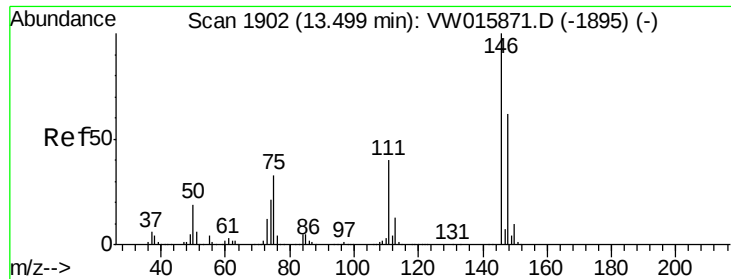
Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

254 9.8 7.9 11.9

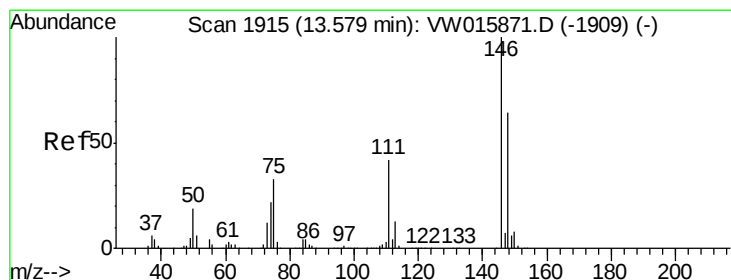
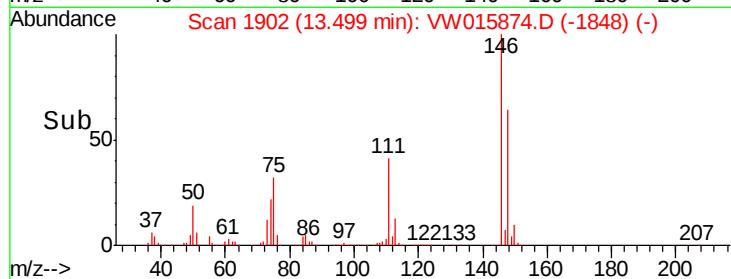
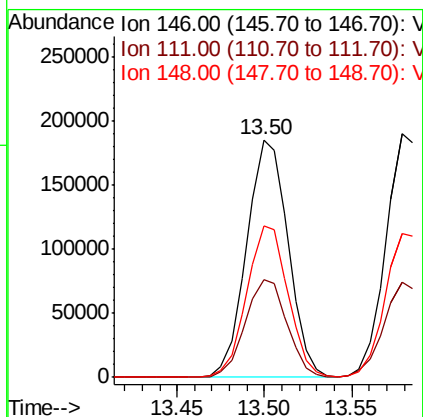
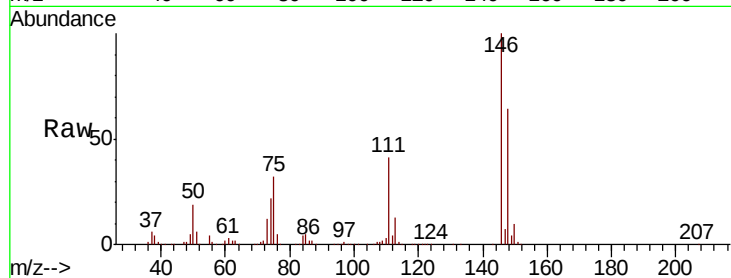




#63
 1,3-Dichlorobenzene
 Concen: 24.052 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

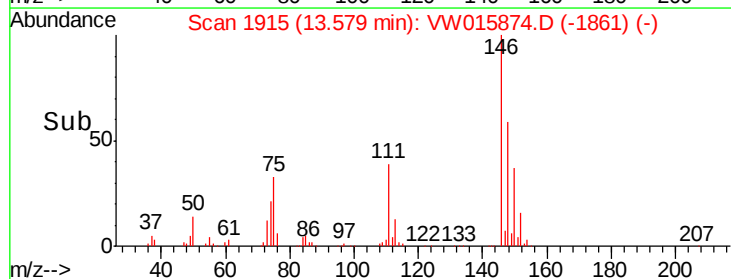
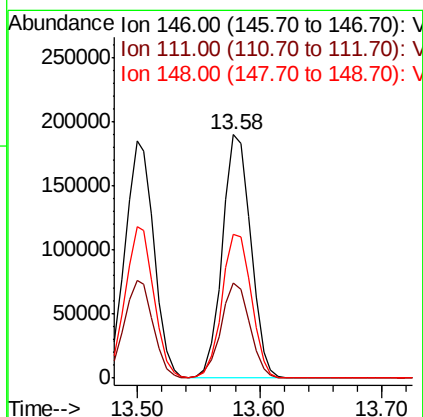
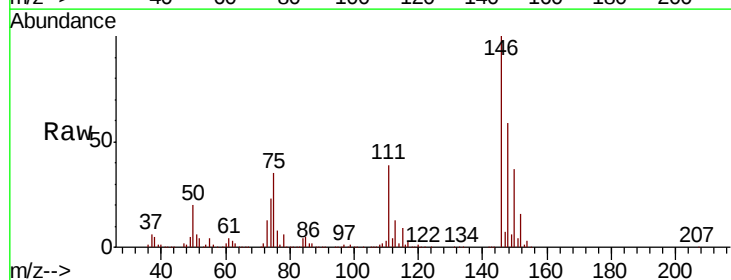
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

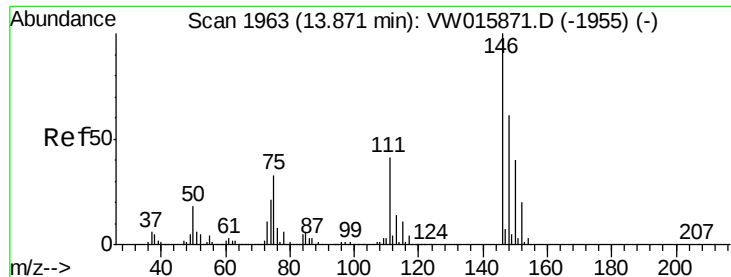
Tot Ion:146 Resp: 304569
 Ion Ratio Lower Upper
 146 100
 111 41.3 27.9 51.7
 148 63.8 43.2 80.2



#64
 1,4-Dichlorobenzene
 Concen: 23.818 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion:146 Resp: 306097
 Ion Ratio Lower Upper
 146 100
 111 39.1 29.3 54.3
 148 59.0 44.5 82.7

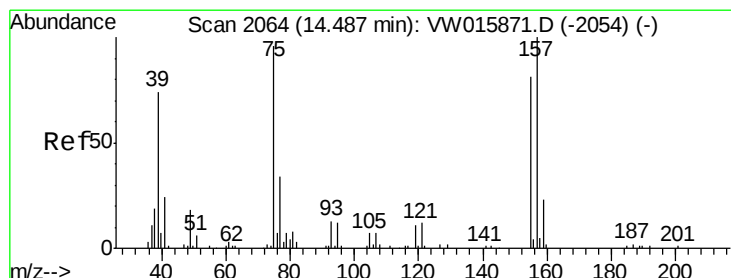
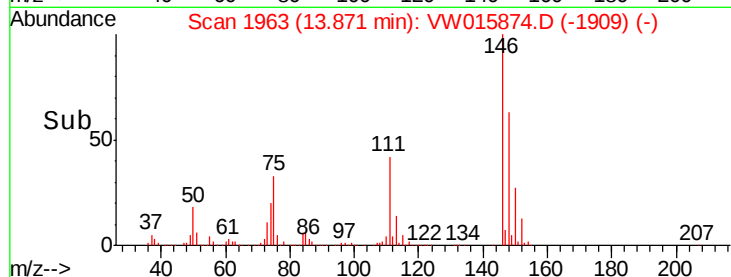
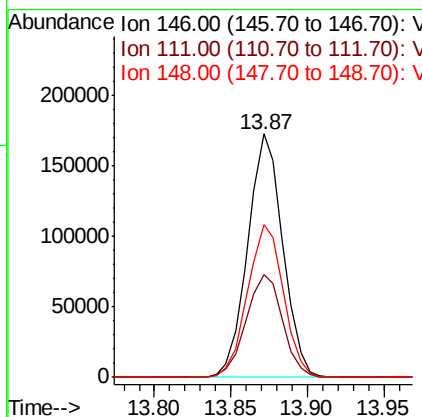
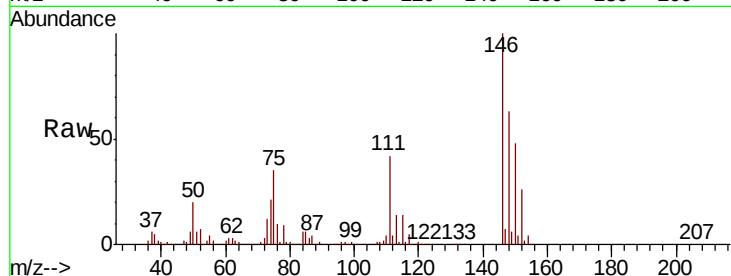




#65
 1,2-Dichlorobenzene
 Concen: 23.959 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

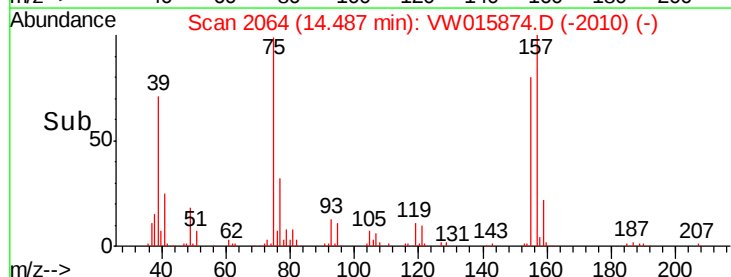
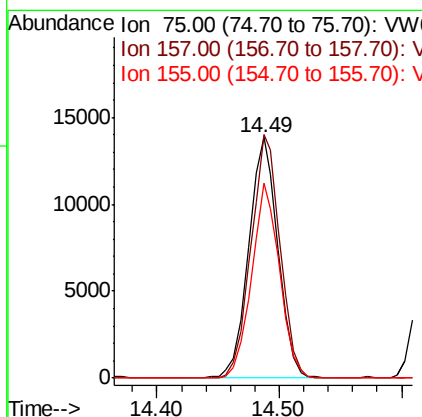
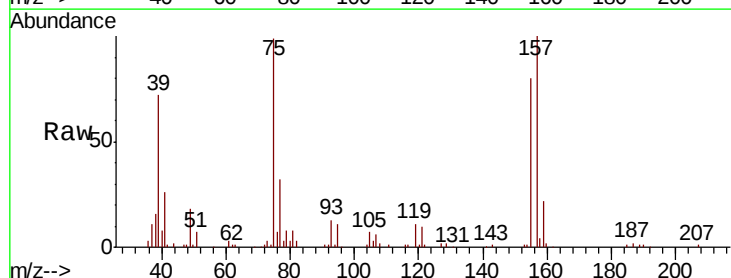
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

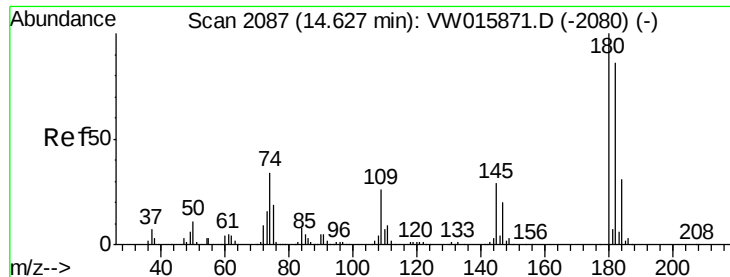
Tot Ion:146 Resp: 275583
 Ion Ratio Lower Upper
 146 100
 111 42.3 32.9 49.3
 148 62.7 48.8 73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.509 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion: 75 Resp: 22950
 Ion Ratio Lower Upper
 75 100
 157 101.1 83.0 124.4
 155 80.8 66.9 100.3

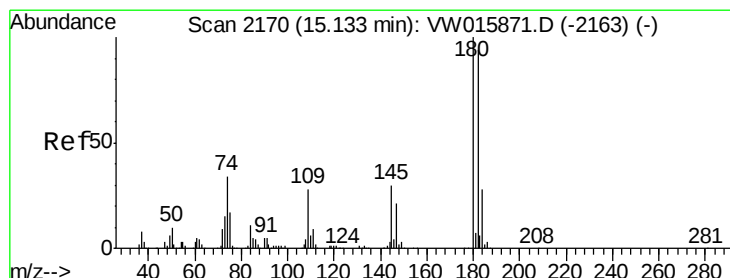
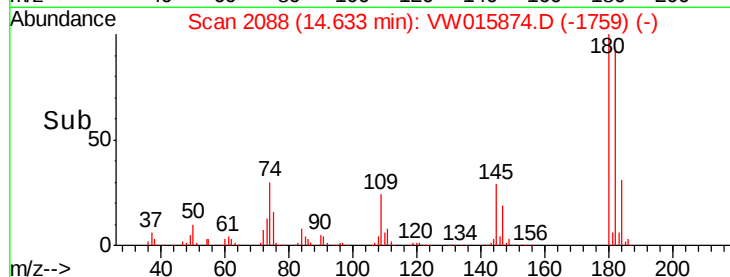
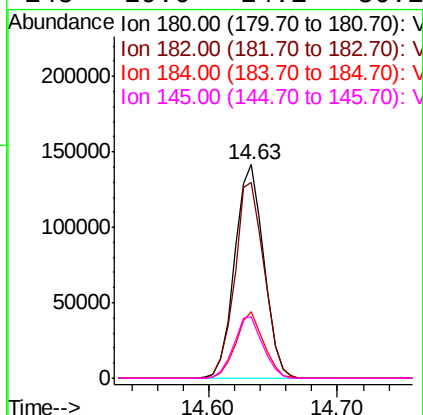
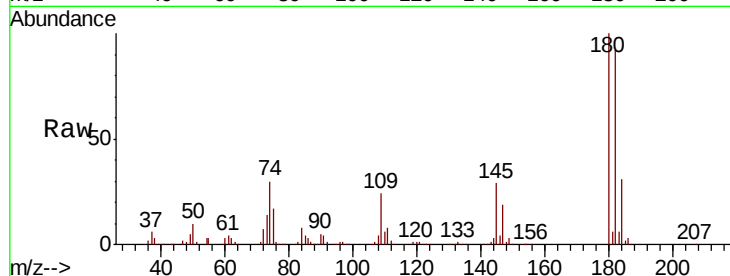




#67
 1,3,5-Trichlorobenzene
 Concen: 24.869 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

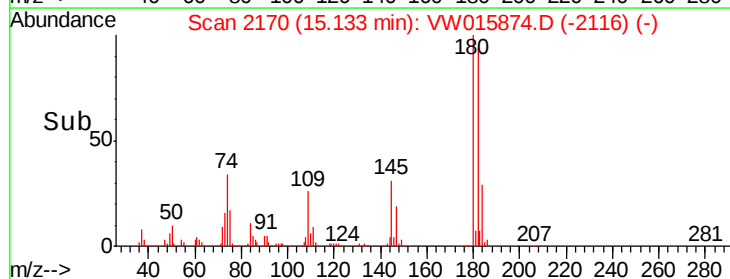
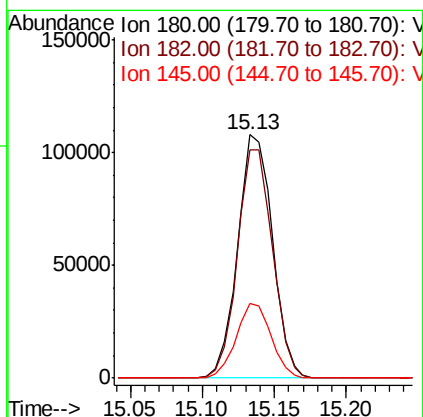
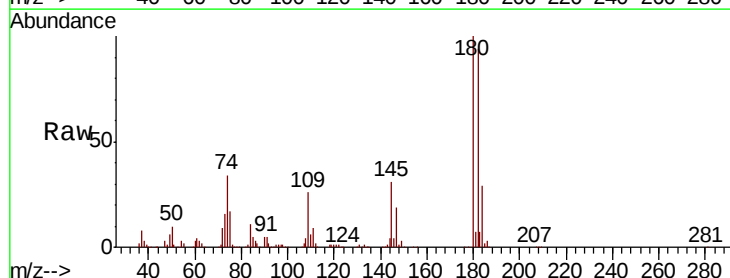
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

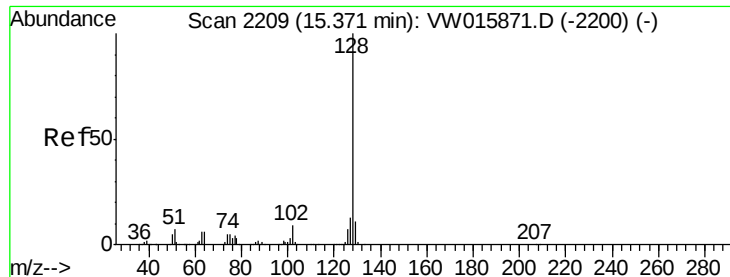
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.4	113.0
184	29.7	24.6	37.0
145	29.0	24.1	36.1



#68
 1,2,4-trichlorobenzene
 Concen: 25.661 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015874.D
 Acq: 20 Jul 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	30.9	24.3	36.5





#69

Naphthalene

Concen: 28.030 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

VICV05

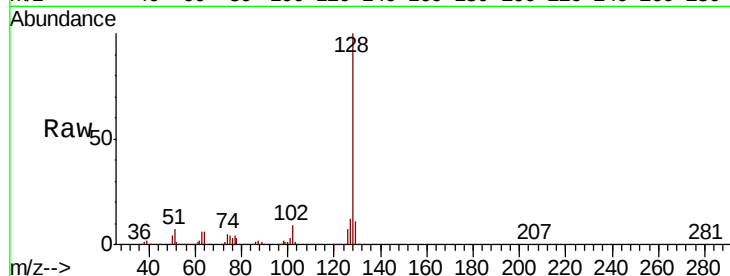
Tot Ion:128 Resp: 373462

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.0 10.5 15.7

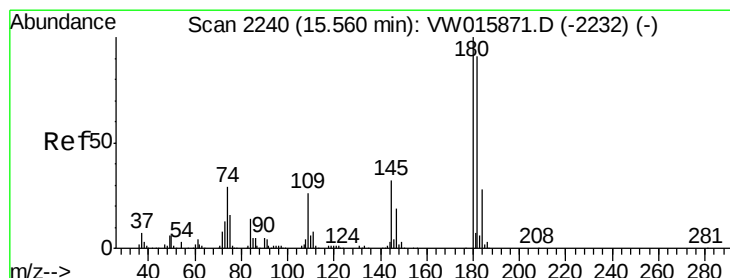
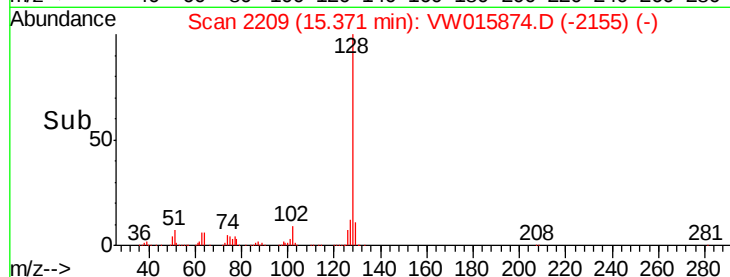
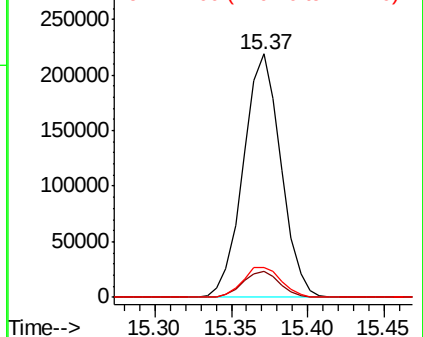


Abundance

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: 25.651 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW015874.D

Acq: 20 Jul 2020 13:56

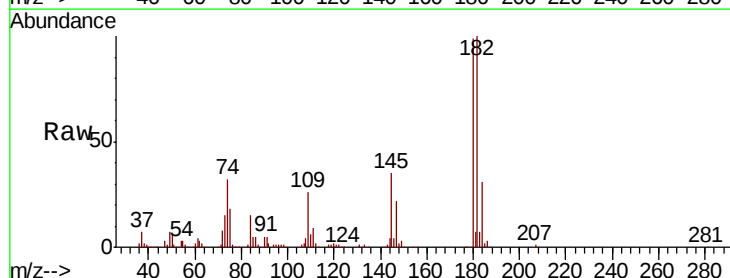
Tgt Ion:180 Resp: 161639

Ion Ratio Lower Upper

180 100

182 96.4 74.0 111.0

145 33.5 25.9 38.9



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

