

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015875.D
 Acq On : 20 Jul 2020 14:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

Quant Time: Jul 21 07:29:37 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	454172	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198599	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142257	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
7) Chloroethane-d5	2.90	69	123901	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	4.01	63	299448	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.44%
20) 2-Butanone-d5	7.09	46	80005	47.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.04%
24) Chloroform-d	7.65	84	298261	23.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	8.31	65	163739	23.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.52%
29) Benzene-d6	8.27	84	593438	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.27	67	177637	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.32	98	531252	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.58	79	75368	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	10.93	63	62327	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136776	23.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	179790	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	88877	23.126	ug/L	96
3) Chloromethane	2.21	50	107121	23.047	ug/L	100
5) Vinyl chloride	2.37	62	165138	23.035	ug/L	99
6) Bromomethane	2.79	94	100787	23.566	ug/L	100
8) Chloroethane	2.93	64	102648	24.442	ug/L	100
9) Trichlorofluoromethane	3.26	101	109966	22.820	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	134079	22.762	ug/L	100
12) 1,1-Dichloroethene	4.03	96	137360	23.527	ug/L	88
13) Acetone	4.13	43	58222	41.183	ug/L	99
14) Carbon disulfide	4.38	76	431741	23.415	ug/L	99
15) Methyl Acetate	4.67	43	64061	24.032	ug/L	99
16) Methylene chloride	4.91	84	157614	21.179	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	208398	25.242	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	149313	24.219	ug/L	99
19) 1,1-Dichloroethane	6.21	63	273852	24.104	ug/L	99
21) 2-Butanone	7.18	43	80775	46.205	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	157448	24.410	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015875.D
 Acq On : 20 Jul 2020 14:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

Quant Time: Jul 21 07:29:37 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

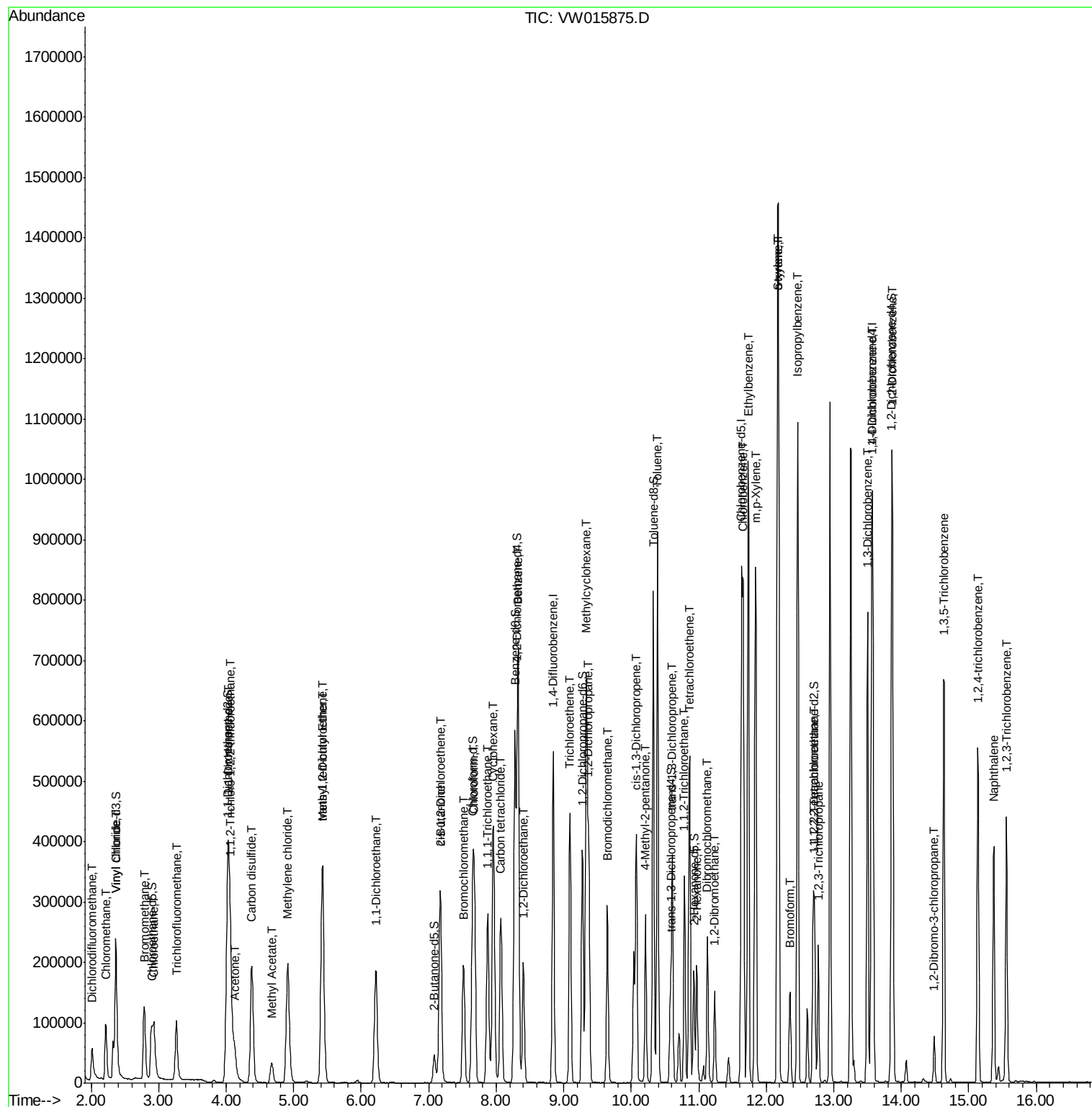
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68991	24.392	ug/L	98
25) Chloroform	7.68	83	272240	24.178	ug/L	99
27) 1,2-Dichloroethane	8.40	62	184140	24.034	ug/L	99
30) Cyclohexane	7.96	56	248198	23.613	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	229464	23.574	ug/L	99
32) Carbon tetrachloride	8.07	117	206418	23.386	ug/L	99
34) Benzene	8.32	78	608993	24.053	ug/L	100
35) Trichloroethene	9.09	95	155415	23.205	ug/L	97
36) Methylcyclohexane	9.34	83	272152	23.681	ug/L	99
40) 1,2-Dichloropropane	9.37	63	150070	23.926	ug/L	100
41) Bromodichloromethane	9.65	83	196114	24.211	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	234036	24.499	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	176166	48.119	ug/L	99
44) Toluene	10.39	91	648753	24.431	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	206385	24.925	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	107711	23.881	ug/L	98
47) Tetrachloroethene	10.87	164	121481	23.367	ug/L	96
49) 2-Hexanone	10.97	43	121628	46.816	ug/L	99
50) Dibromochloromethane	11.13	129	126217	24.171	ug/L	100
51) 1,2-Dibromoethane	11.24	107	102445	23.743	ug/L	98
52) Chlorobenzene	11.66	112	408423	24.003	ug/L	98
53) Ethylbenzene	11.73	91	733482	24.564	ug/L	96
54) m,p-Xylene	11.84	106	272588	24.400	ug/L	98
55) o-xylene	12.17	106	259314	24.651	ug/L	96
56) Styrene	12.18	104	450766	25.197	ug/L	100
57) Isopropylbenzene	12.47	105	710365	24.806	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	126615	23.906	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	94618	23.843	ug/L	100
62) Bromoform	12.35	173	68100	23.310	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	308572	24.277	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	302803	23.473	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	280445	24.290	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20331	23.396	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	209836	23.479	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	169541	23.883	ug/L	98
69) Naphthalene	15.37	128	334520	25.013	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	148099	23.414	ug/L	96

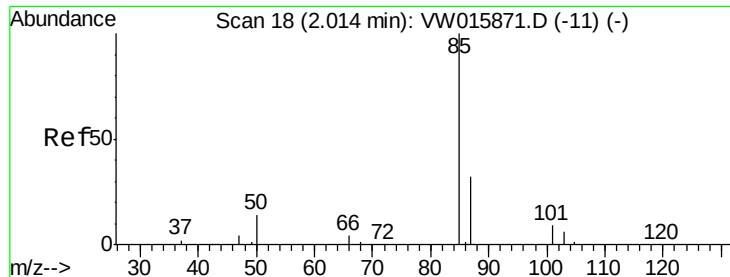
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072020\
Data File : VW015875.D
Acq On : 20 Jul 2020 14:35
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB21

Quant Time: Jul 21 07:29:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 21 06:59:27 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 23.126 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

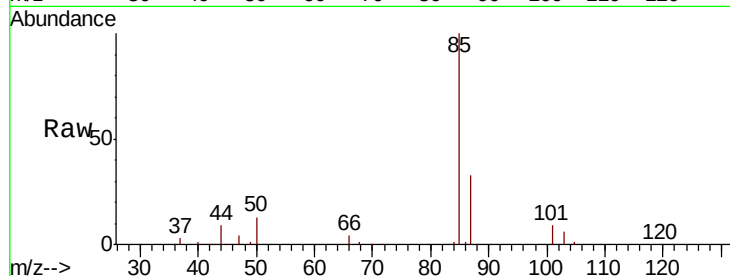
BFB21

Tot Ion: 85 Resp: 88877

Ion Ratio Lower Upper

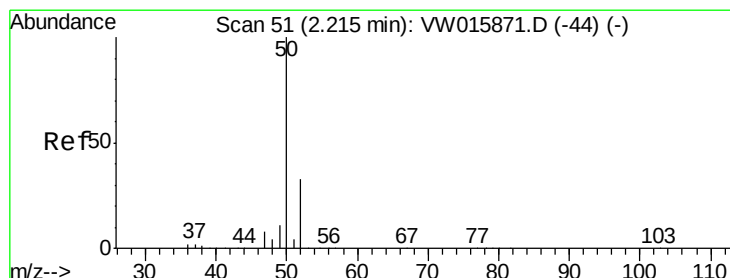
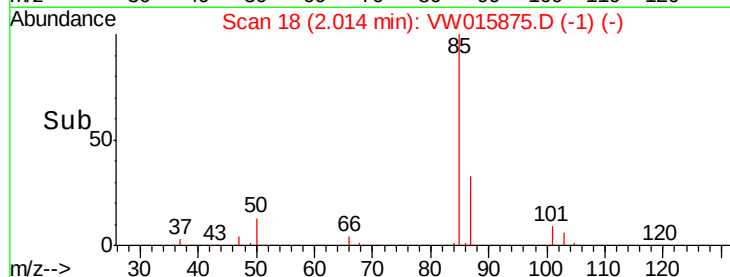
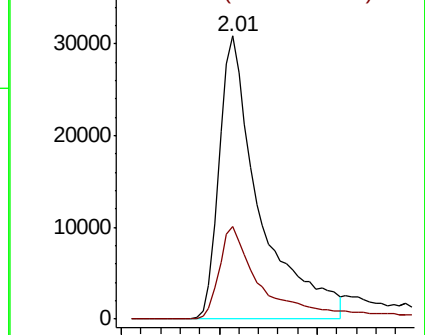
85 100

87 32.1 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: 23.047 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015875.D

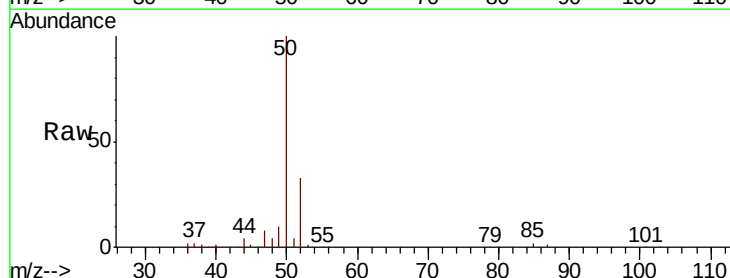
Acq: 20 Jul 2020 14:35

Tgt Ion: 50 Resp: 107121

Ion Ratio Lower Upper

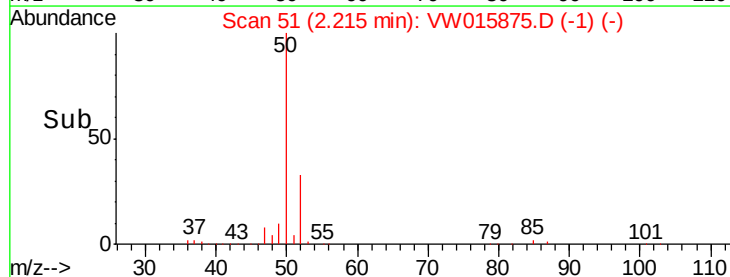
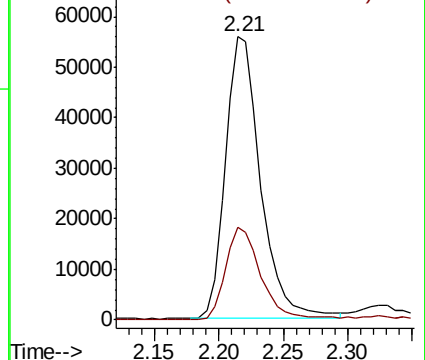
50 100

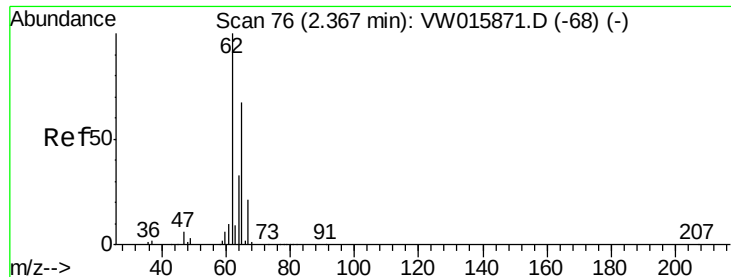
52 32.6 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 23.035 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

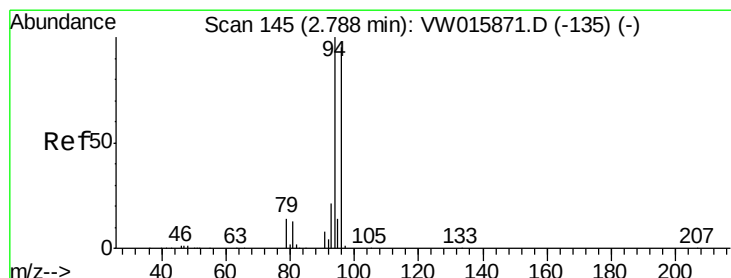
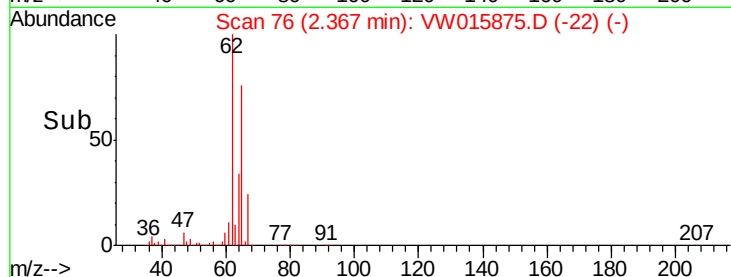
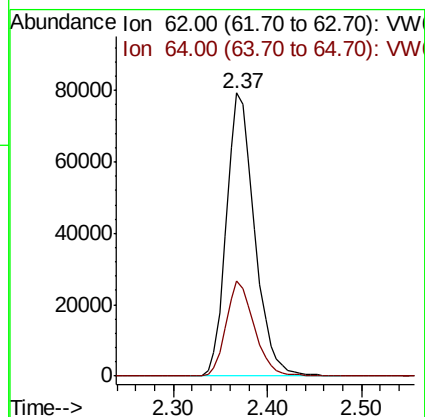
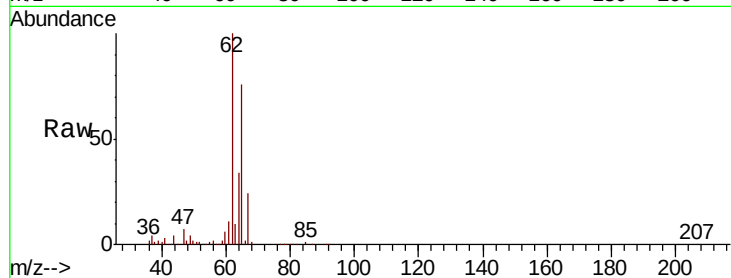
BFB21

Tot Ion: 62 Resp: 165138

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.0



#6

Bromomethane

Concen: 23.566 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015875.D

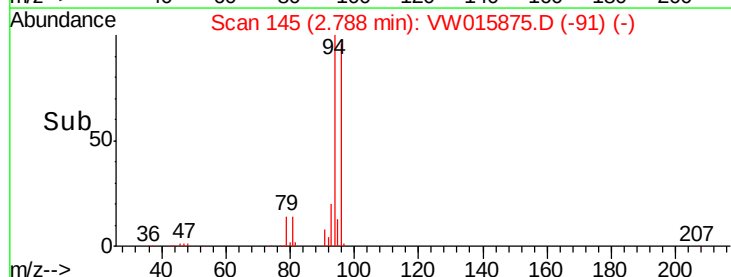
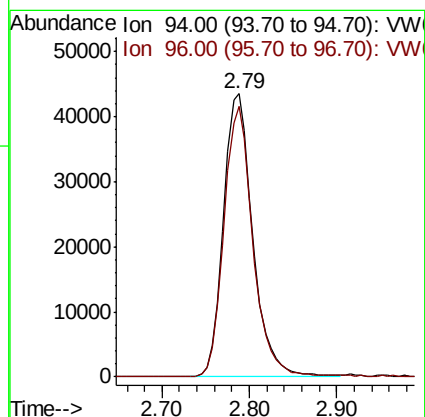
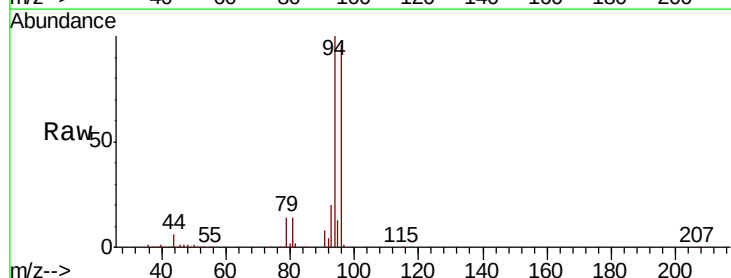
Acq: 20 Jul 2020 14:35

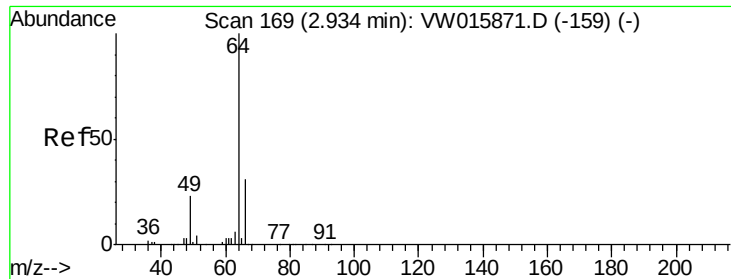
Tgt Ion: 94 Resp: 100787

Ion Ratio Lower Upper

94 100

96 95.0 9.5 180.1





#8

Chloroethane

Concen: 24.442 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

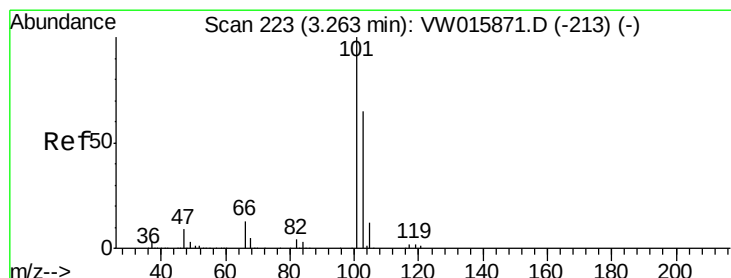
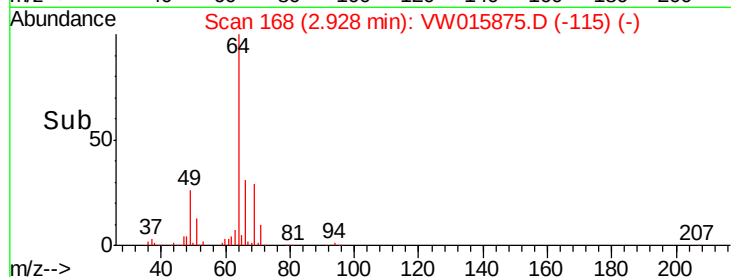
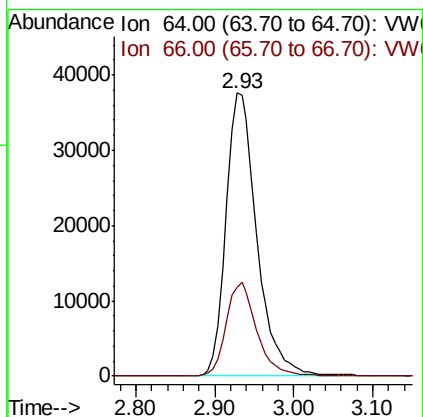
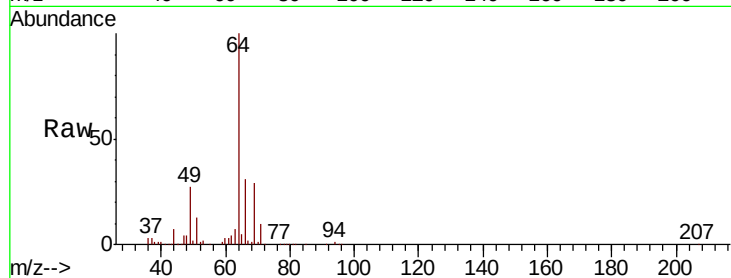
BFB21

Tot Ion: 64 Resp: 102648

Ion Ratio Lower Upper

64 100

66 31.3 21.8 40.4



#9

Trichlorofluoromethane

Concen: 22.820 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW015875.D

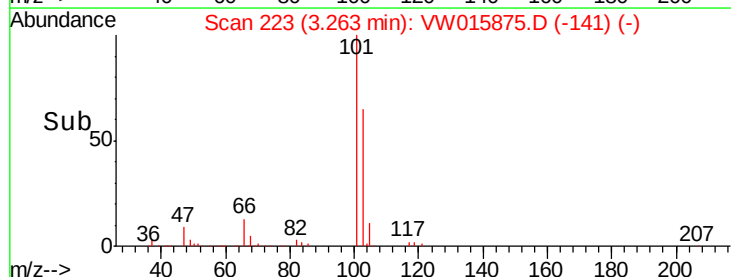
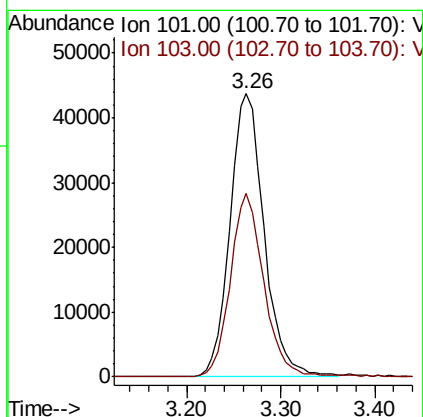
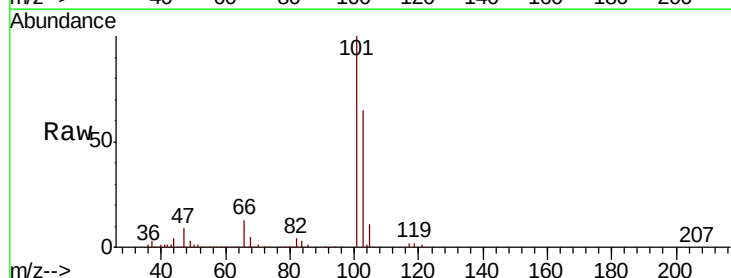
Acq: 20 Jul 2020 14:35

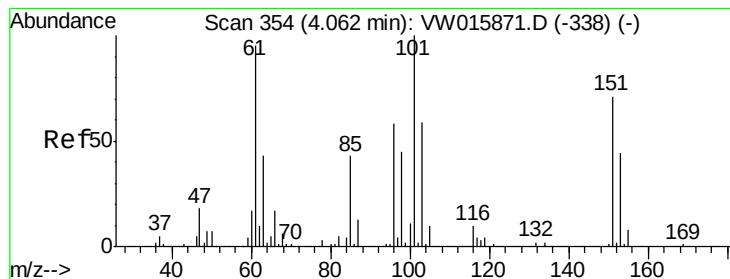
Tgt Ion: 101 Resp: 109966

Ion Ratio Lower Upper

101 100

103 63.2 45.8 85.2





#11

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

Concen: 22.762 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

BFB21

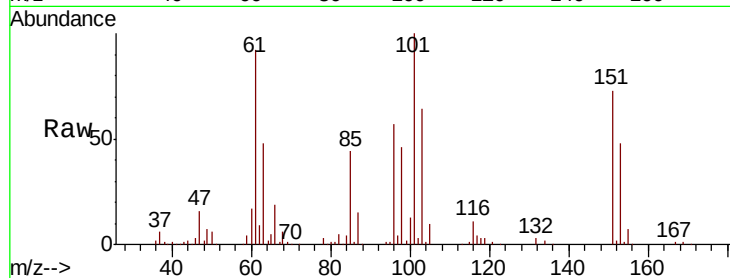
Tot Ion:101 Resp: 134079

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

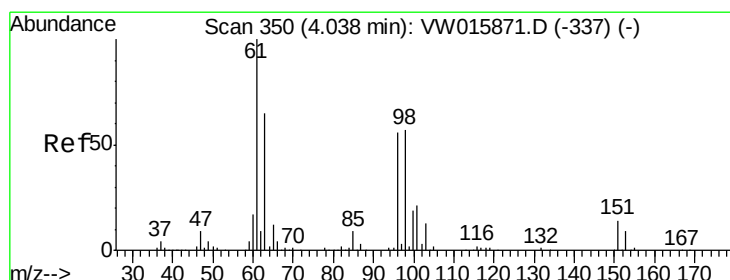
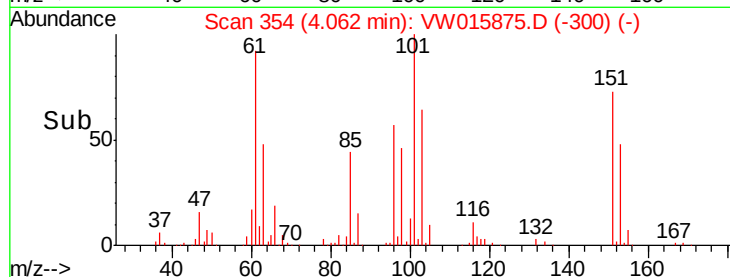
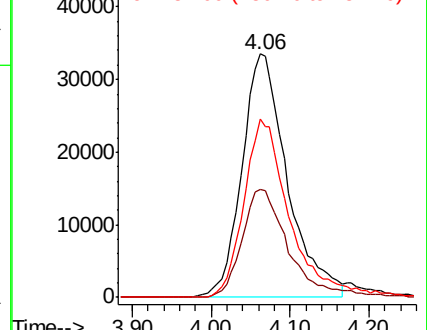
151 73.5 58.4 87.6



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: 23.527 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

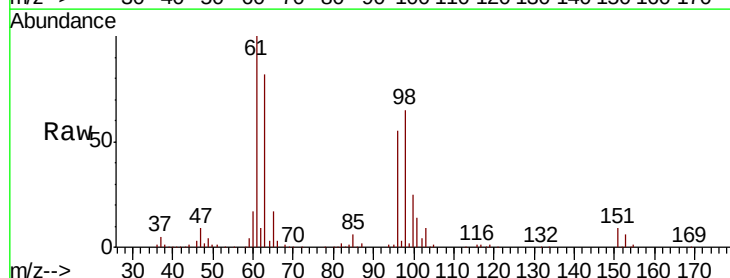
Tgt Ion: 96 Resp: 137360

Ion Ratio Lower Upper

96 100

61 180.6 125.0 232.2

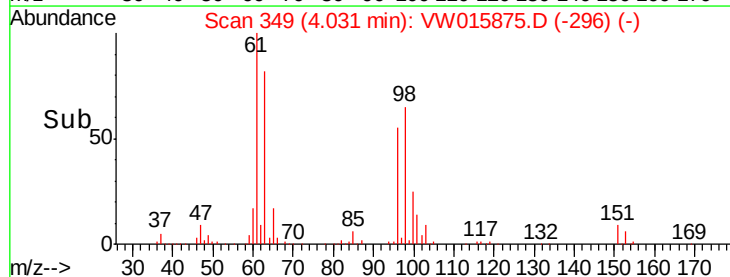
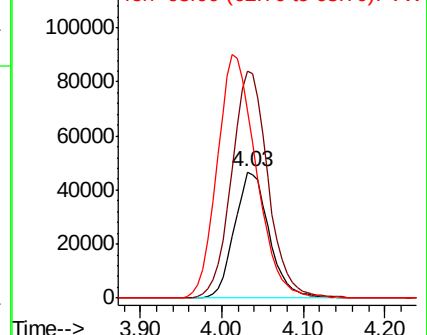
63 148.9 82.3 152.8

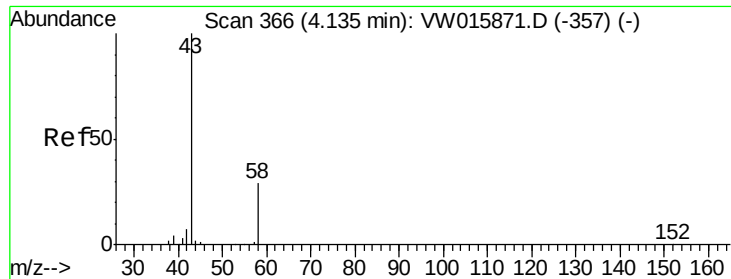


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 41.183 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

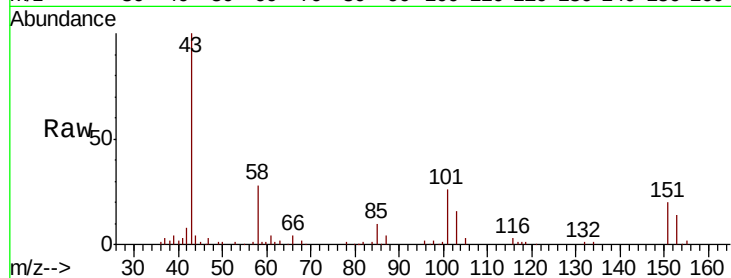
BFB21

Tot Ion: 43 Resp: 58222

Ion Ratio Lower Upper

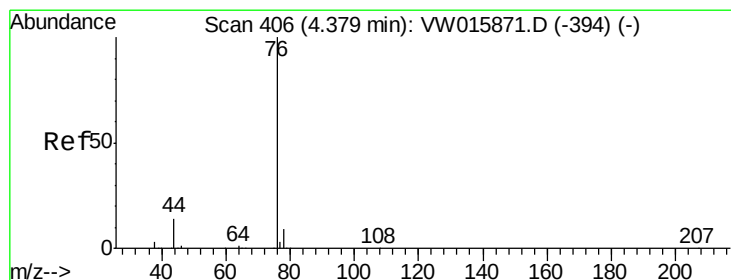
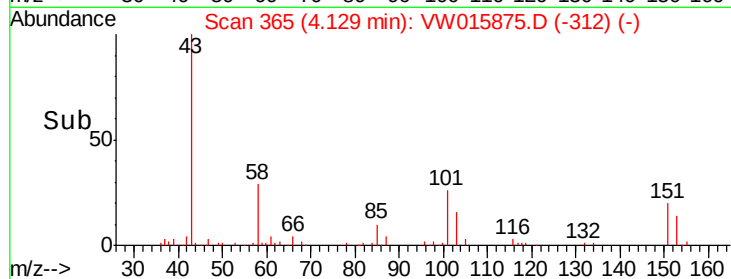
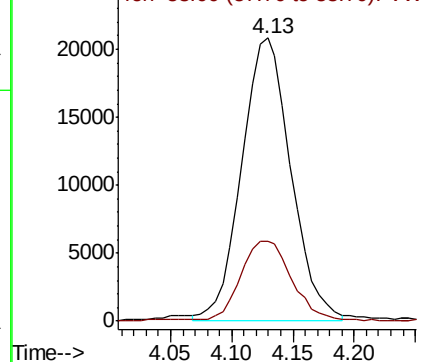
43 100

58 29.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 23.415 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015875.D

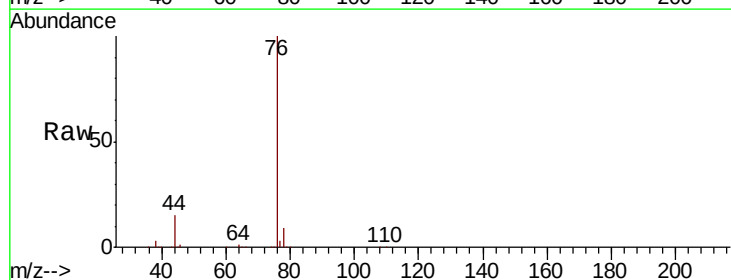
Acq: 20 Jul 2020 14:35

Tgt Ion: 76 Resp: 431741

Ion Ratio Lower Upper

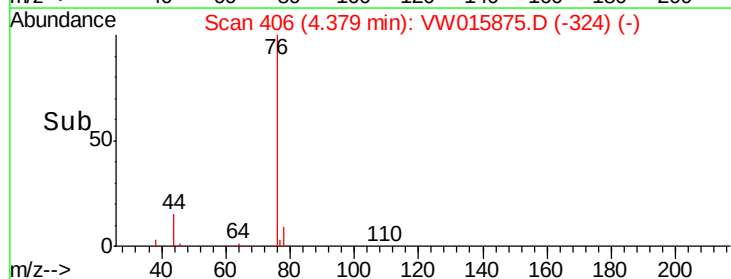
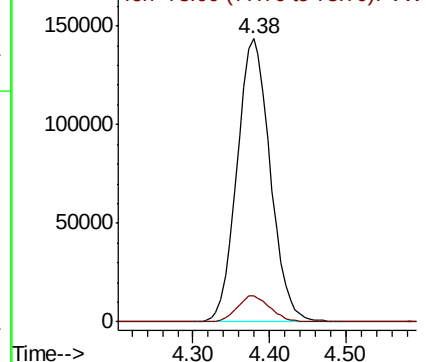
76 100

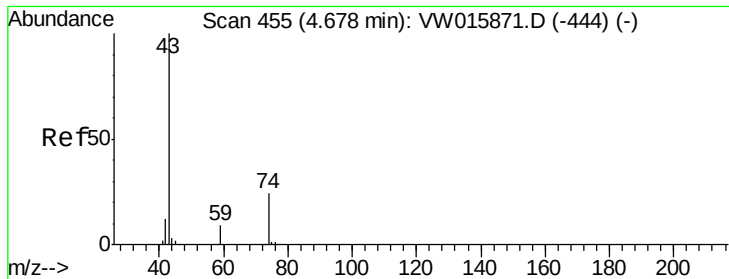
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

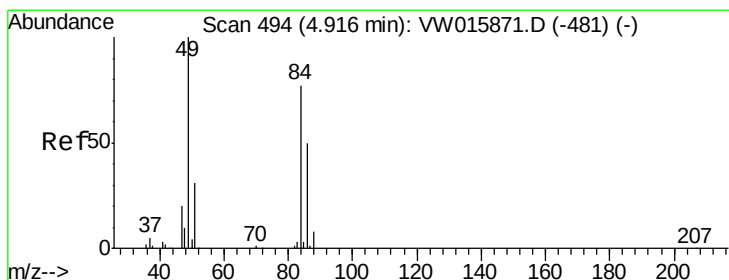
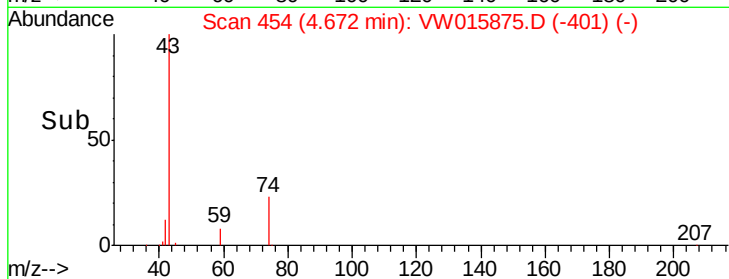
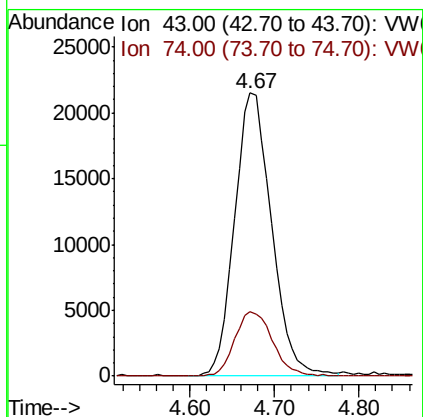
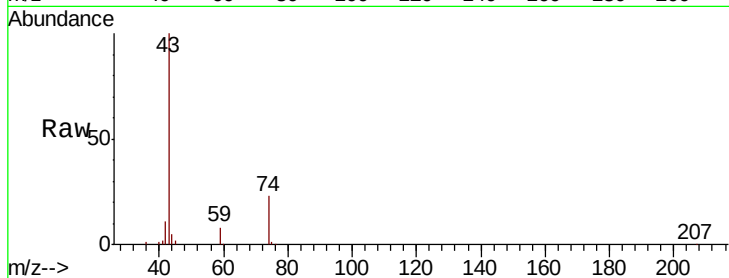




#15
Methyl Acetate
Concen: 24.032 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

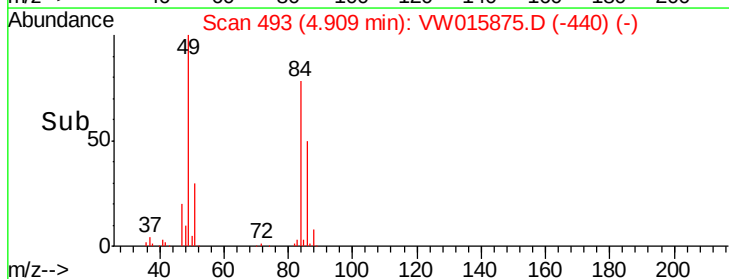
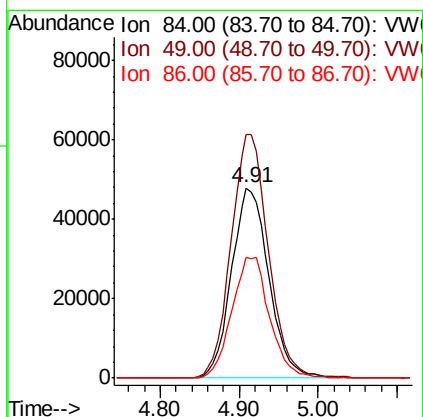
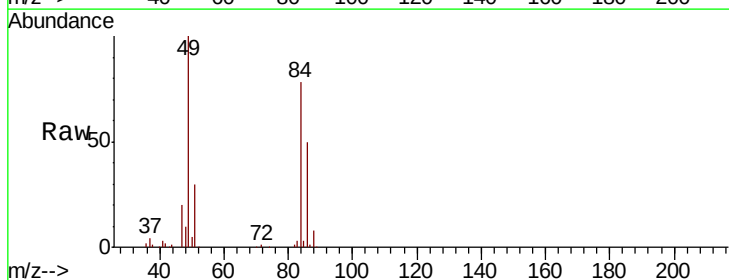
Instrument :
MSVOA_W
ClientSampleId :
BFB21

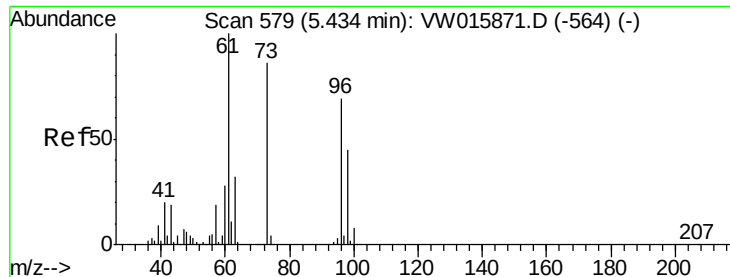
Tot Ion: 43 Resp: 64061
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2



#16
Methylene chloride
Concen: 21.179 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion: 84 Resp: 157614
Ion Ratio Lower Upper
84 100
49 127.7 91.1 169.1
86 63.6 46.0 85.4

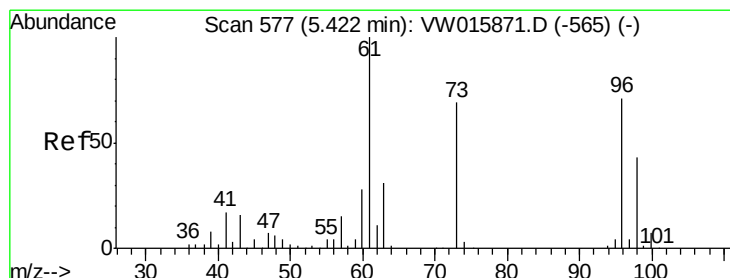
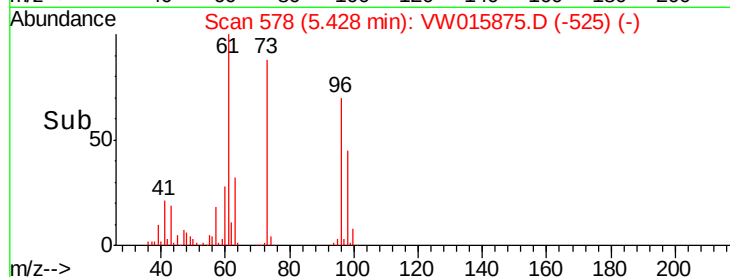
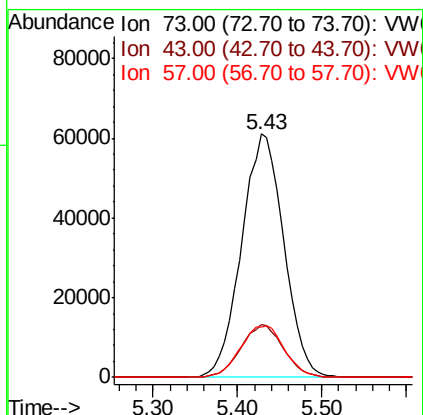
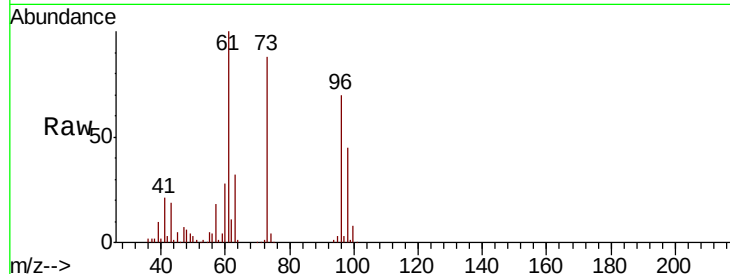




#17
Methyl tert-butyl Ether
Concen: 25.242 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

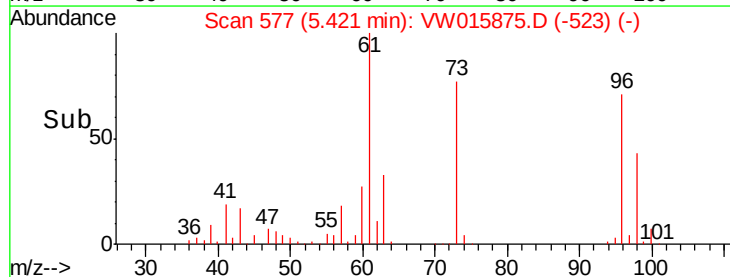
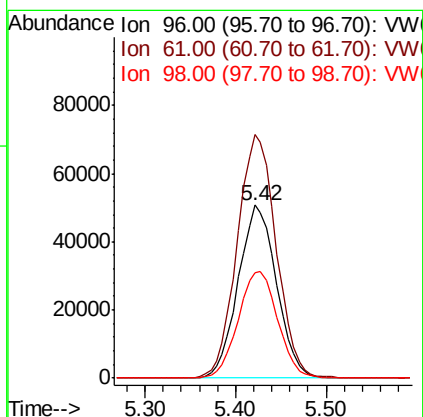
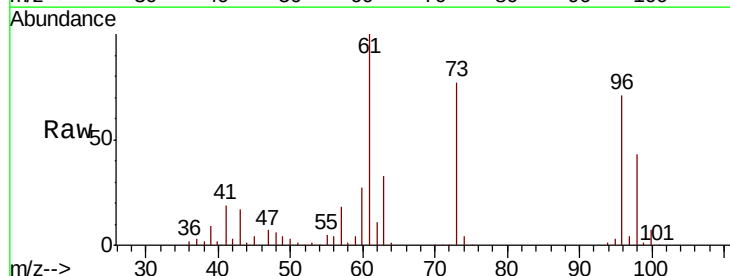
Instrument :
MSVOA_W
ClientSampleId :
BFB21

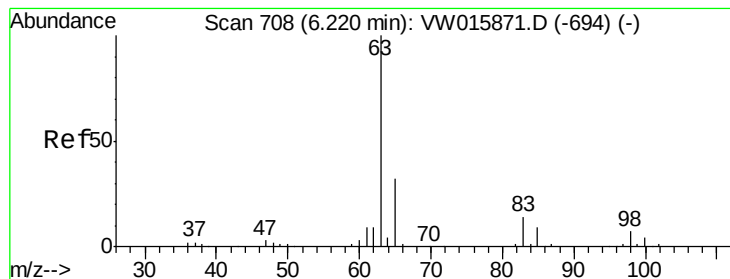
Tot Ion	Ratio	Lower	Upper
73	100		
43	21.8	18.4	27.6
57	22.1	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 24.219 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.7	99.3	184.5
98	61.0	42.9	79.7





#19

1,1-Dichloroethane

Concen: 24.104 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

BFB21

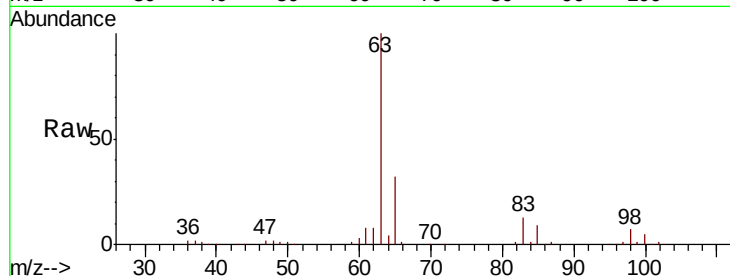
Tot Ion: 63 Resp: 273852

Ion Ratio Lower Upper

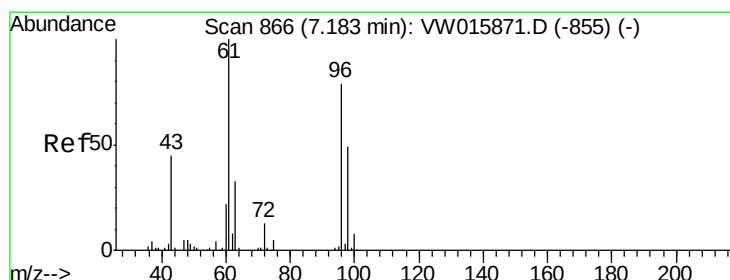
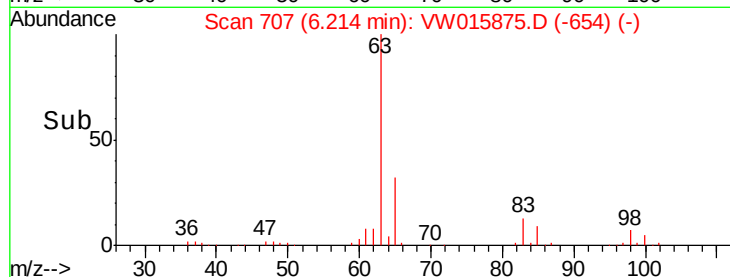
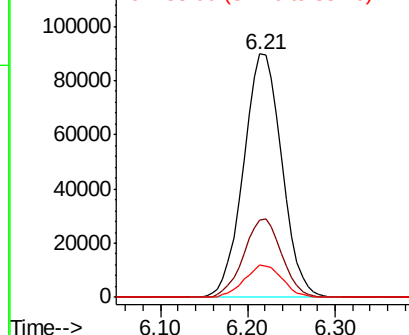
63 100

65 31.8 22.2 41.2

83 13.4 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: 46.205 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW015875.D

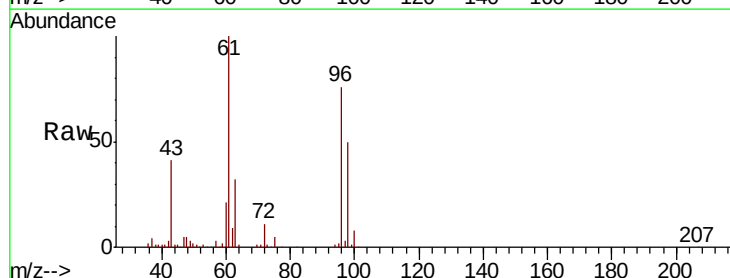
Acq: 20 Jul 2020 14:35

Tgt Ion: 43 Resp: 80775

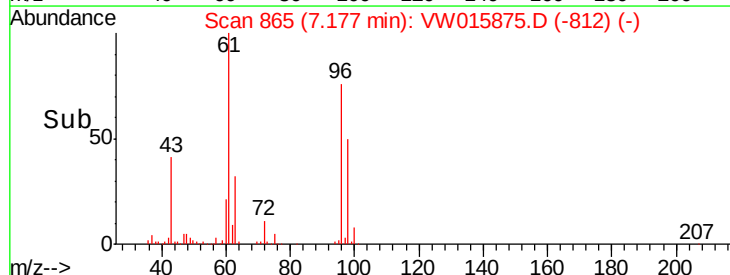
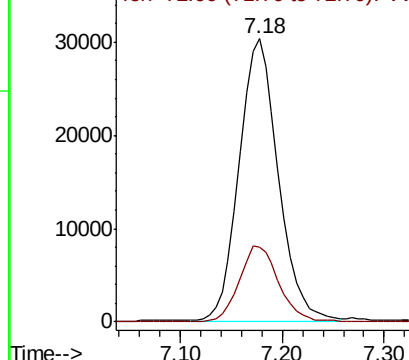
Ion Ratio Lower Upper

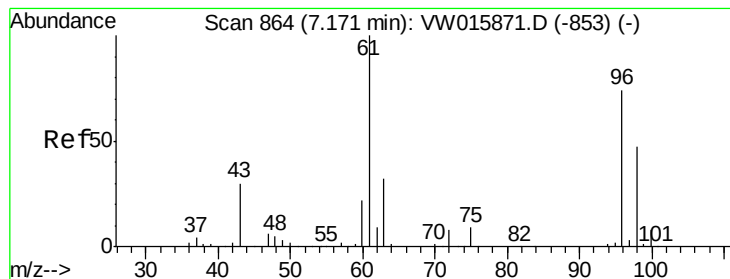
43 100

72 27.2 13.9 41.7



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



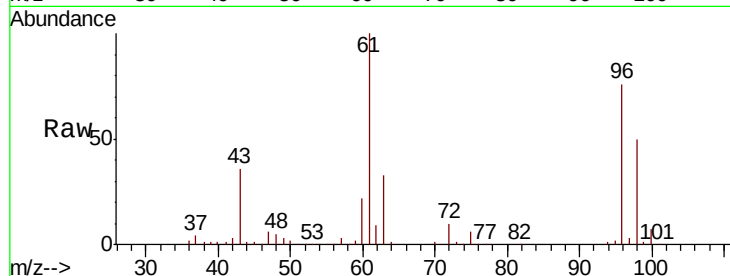


#22

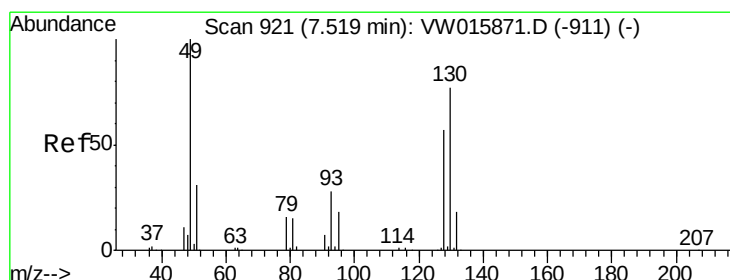
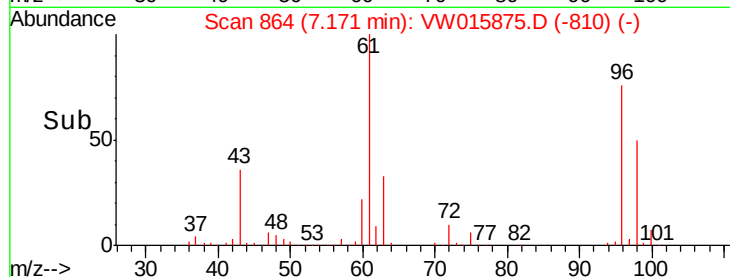
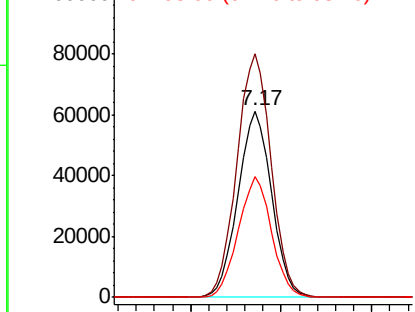
cis-1,2-Dichloroethene
 Concen: 24.410 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Instrument :
 MSVOA_W
 ClientSampled :
 BFB21

Tot Ion: 96 Resp: 157448
 Ion Ratio Lower Upper
 96 100
 61 130.9 94.6 175.8
 98 64.8 44.3 82.3



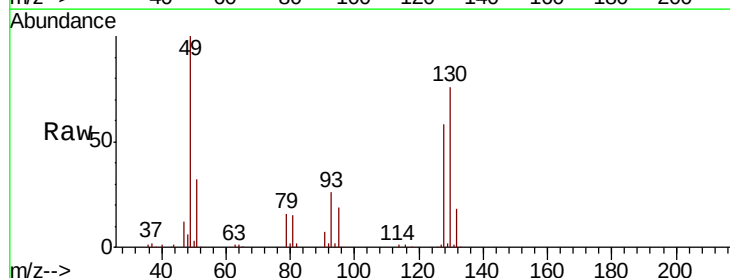
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



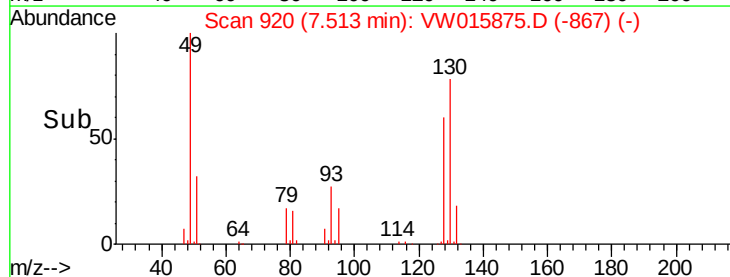
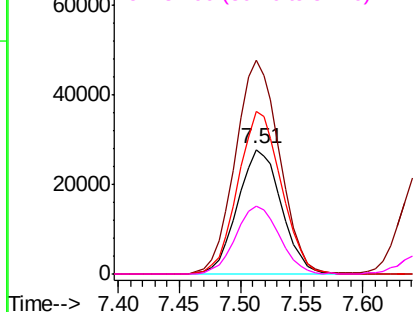
#23

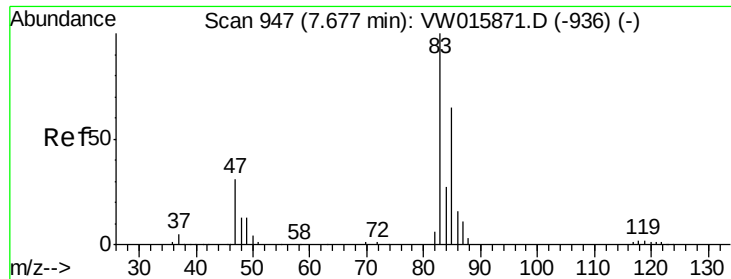
Bromochloromethane
 Concen: 24.392 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion: 128 Resp: 68991
 Ion Ratio Lower Upper
 128 100
 49 171.9 122.4 227.2
 130 130.7 93.9 174.5
 51 54.8 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

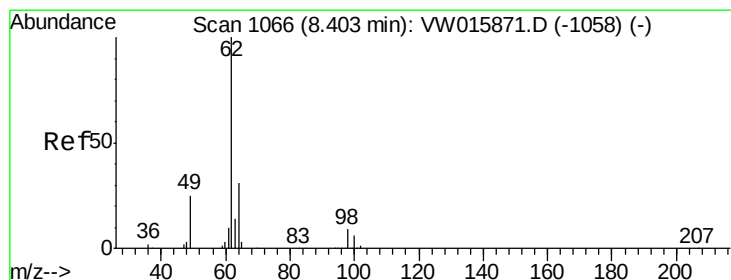
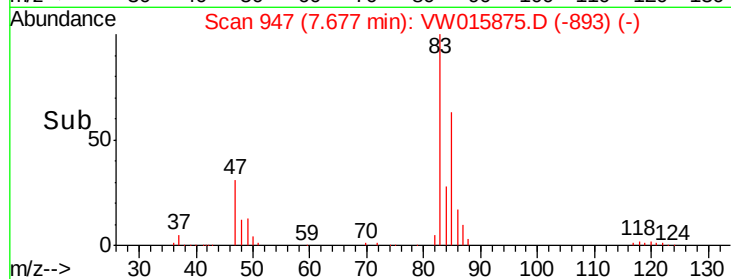
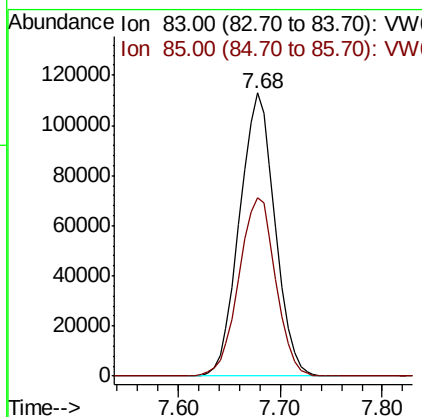
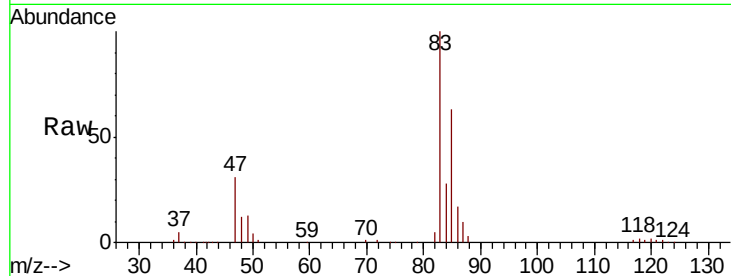




#25
Chloroform
Concen: 24.178 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

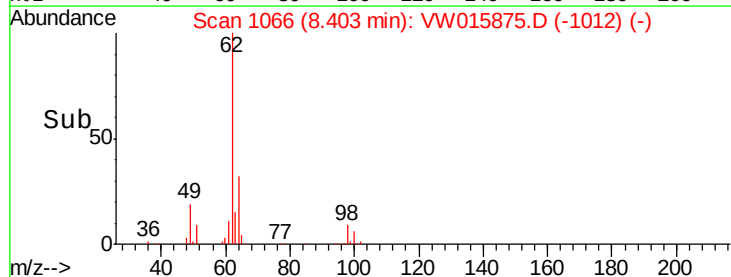
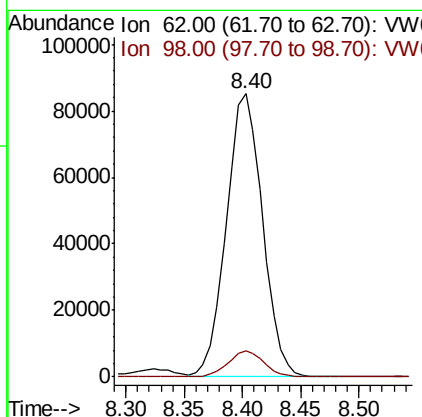
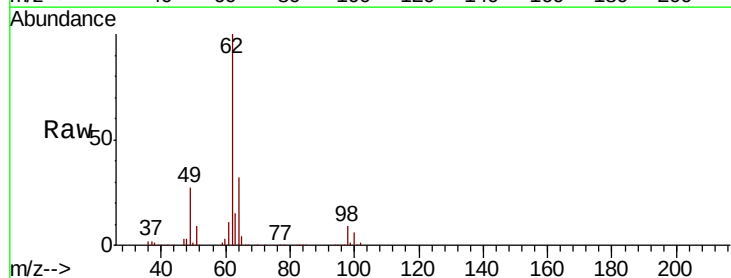
Instrument :
MSVOA_W
ClientSampled :
BFB21

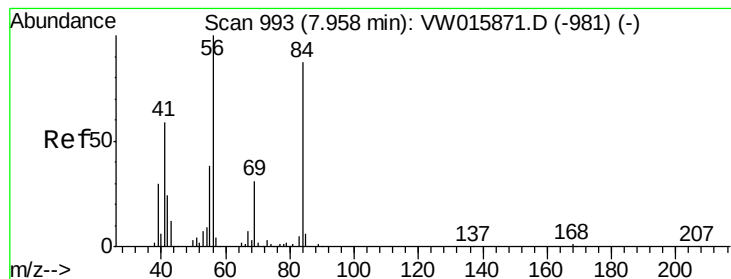
Tot Ion: 83 Resp: 272240
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.5



#27
1,2-Dichloroethane
Concen: 24.034 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion: 62 Resp: 184140
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.6





#30

Cyclohexane

Concen: 23.613 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampled :

BFB21

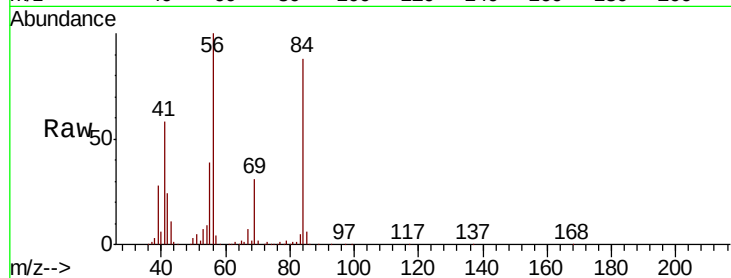
Tot Ion: 56 Resp: 248198

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

84 86.4 69.3 103.9

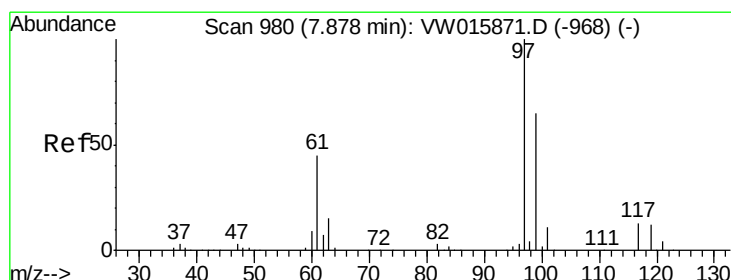
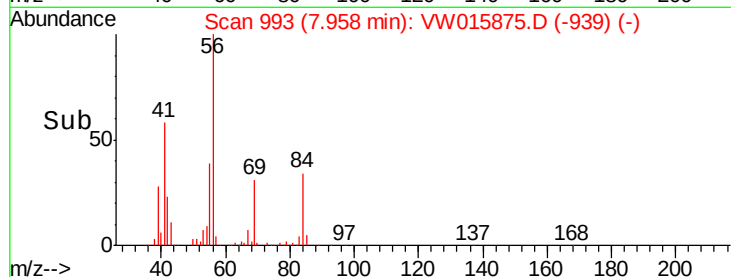
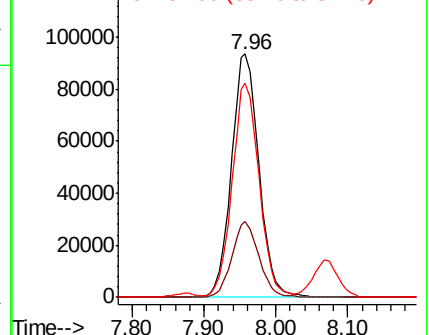


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 23.574 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

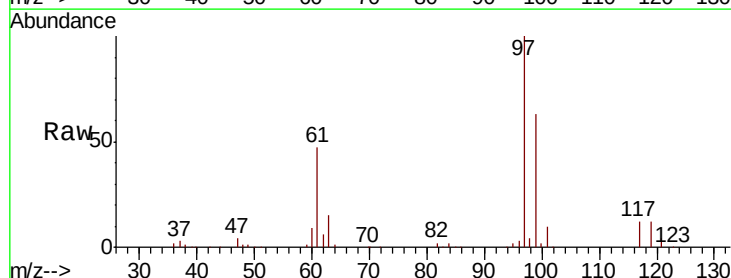
Tgt Ion: 97 Resp: 229464

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 46.6 37.6 56.4

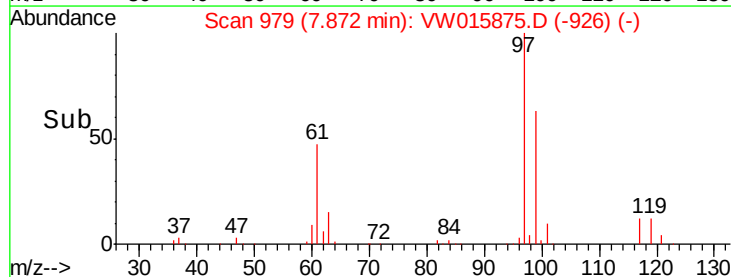
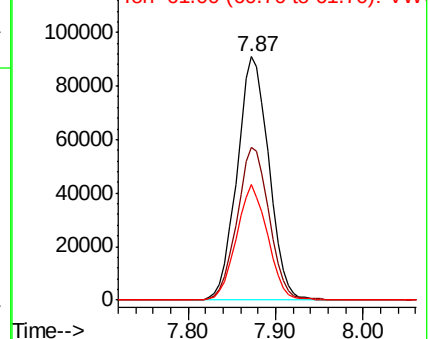


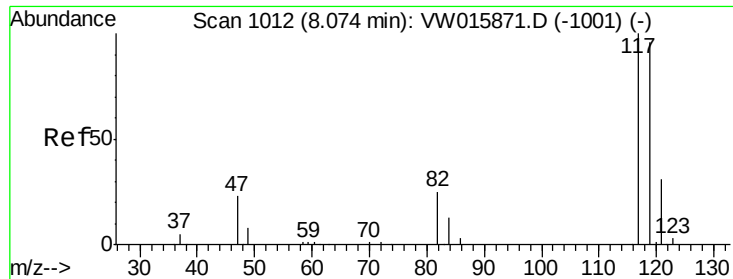
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 23.386 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

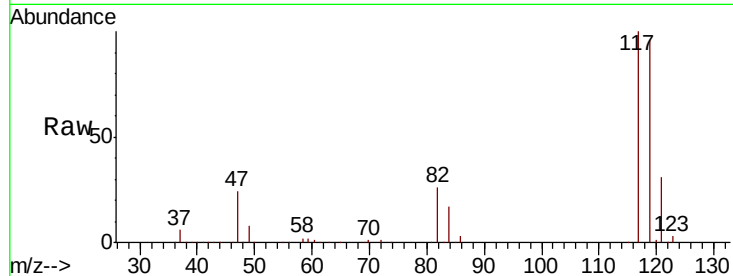
BFB21

Tot Ion:117 Resp: 206418

Ion Ratio Lower Upper

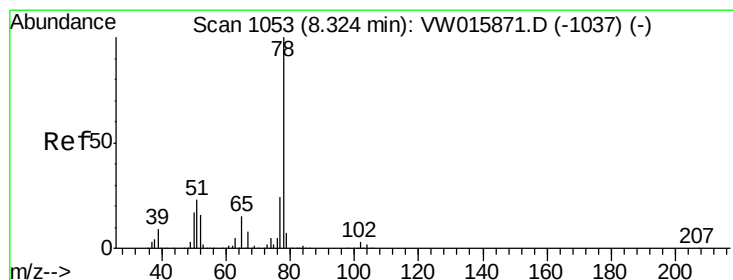
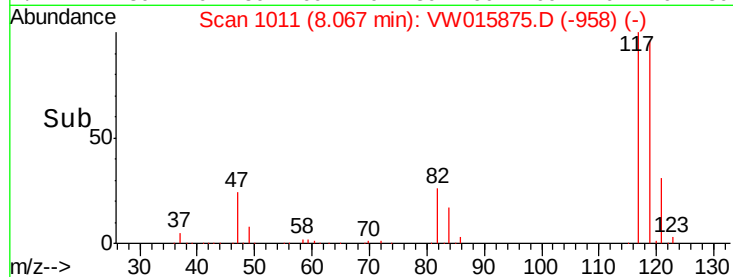
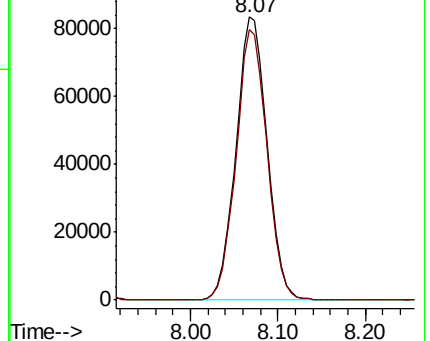
117 100

119 94.8 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: 24.053 ug/L

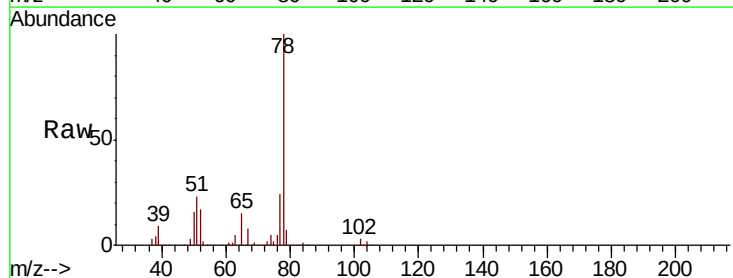
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

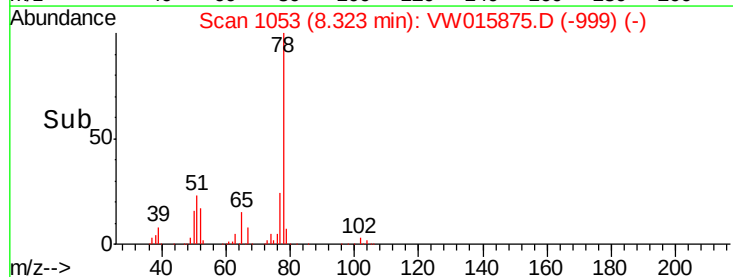
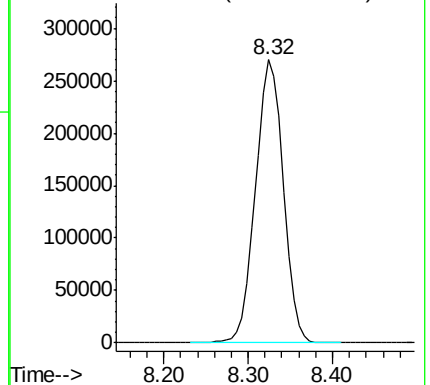
Lab File: VW015875.D

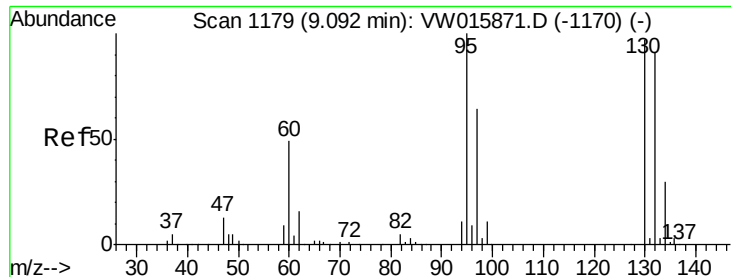
Acq: 20 Jul 2020 14:35

Tgt Ion: 78 Resp: 608993



Abundance Ion 78.00 (77.70 to 78.70): VW

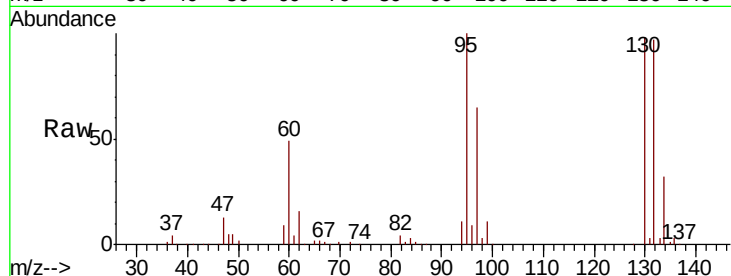




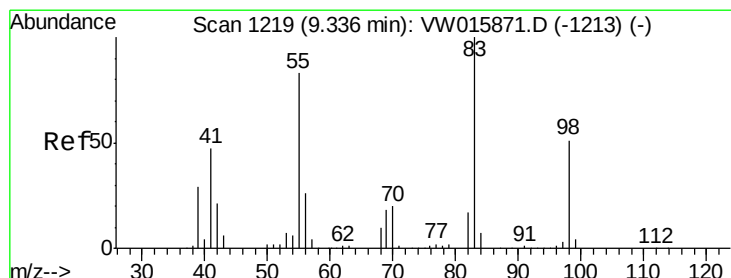
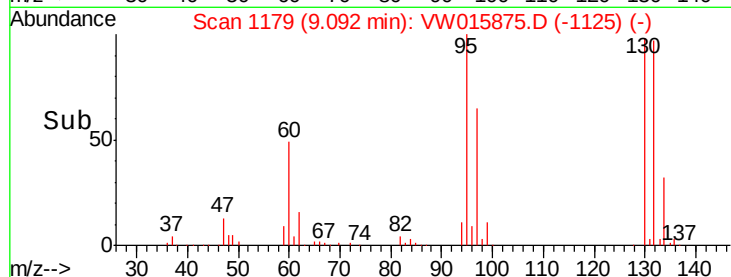
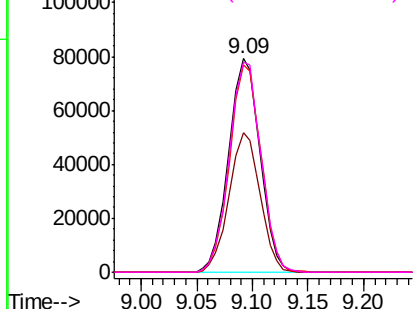
#35
 Trichloroethene
 Concen: 23.205 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

Tot Ion: 95 Resp: 155415
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.4 82.4
 132 97.3 65.1 120.9
 130 99.2 68.6 127.4

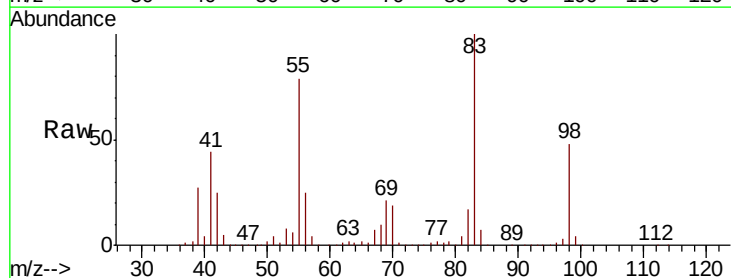


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

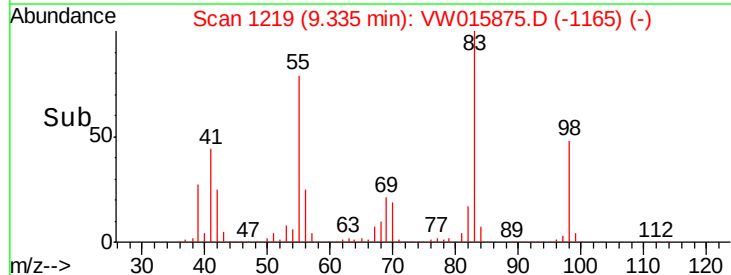
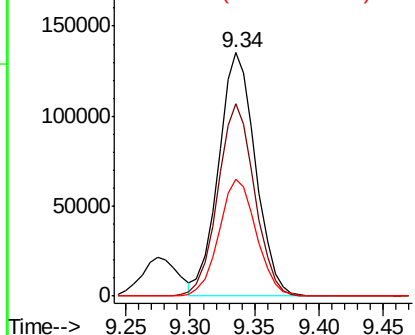


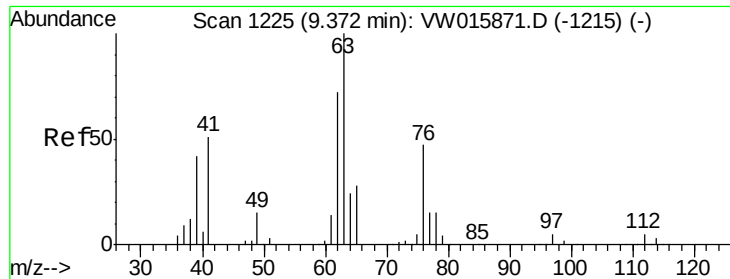
#36
 Methylcyclohexane
 Concen: 23.681 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion: 83 Resp: 272152
 Ion Ratio Lower Upper
 83 100
 55 78.4 63.5 95.3
 98 48.7 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: 23.926 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampled :

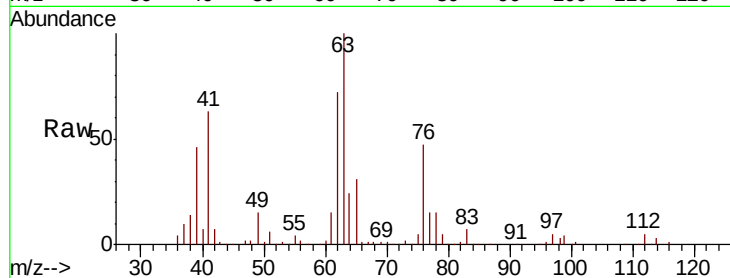
BFB21

Tot Ion: 63 Resp: 150070

Ion Ratio Lower Upper

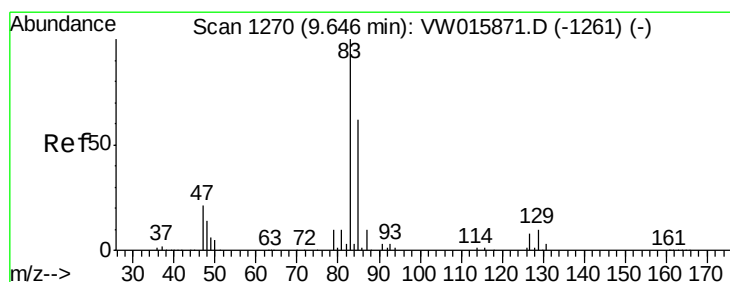
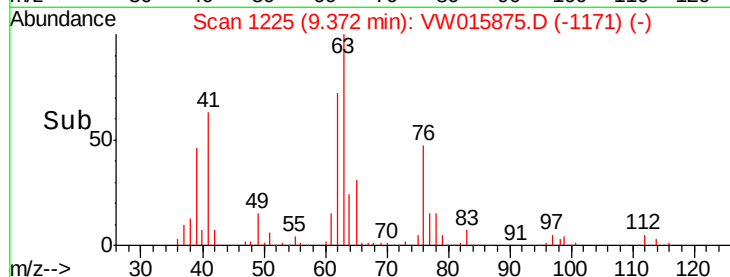
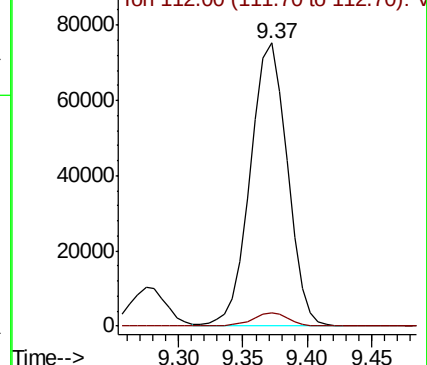
63 100

112 4.6 3.7 5.5



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 24.211 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

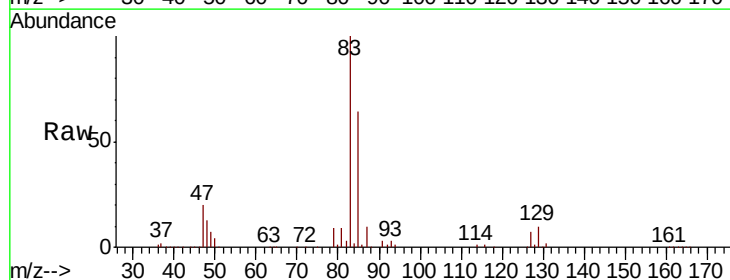
Tgt Ion: 83 Resp: 196114

Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

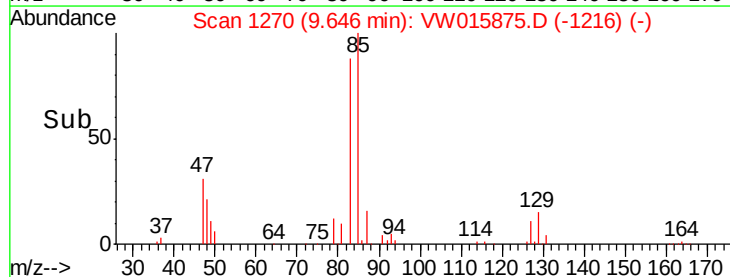
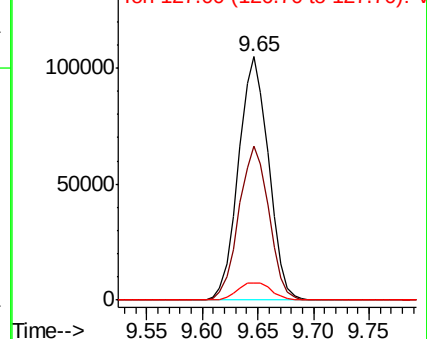
127 7.1 6.5 9.7

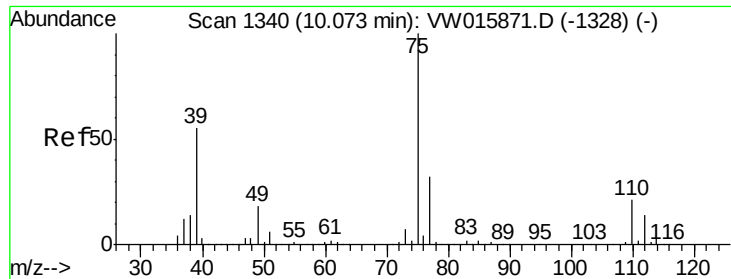


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

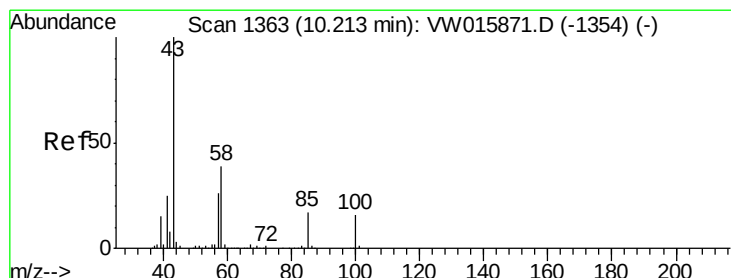
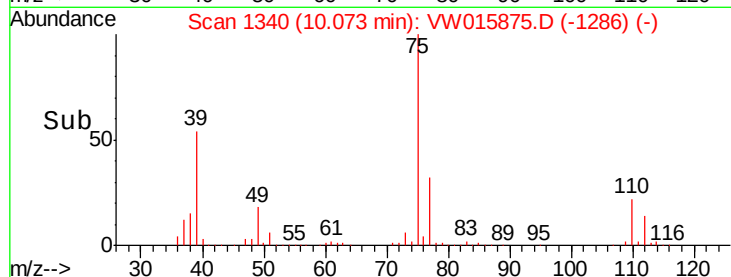
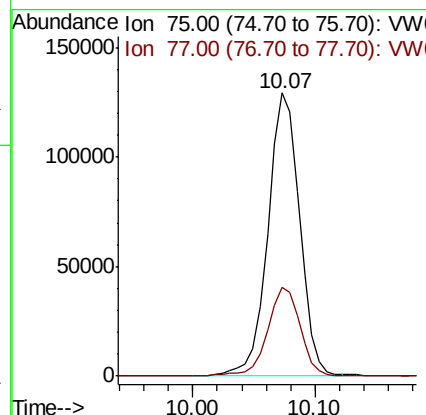
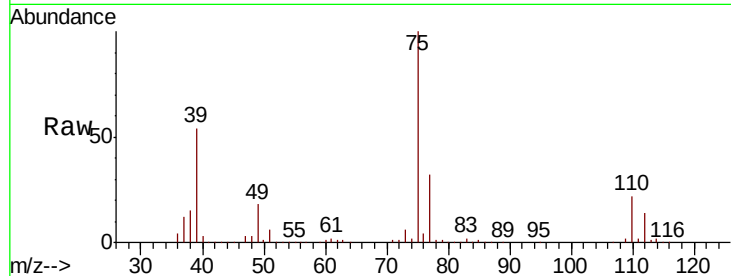




#42
 cis-1,3-Dichloropropene
 Concen: 24.499 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

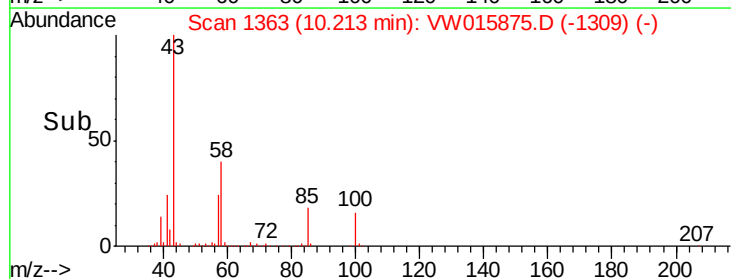
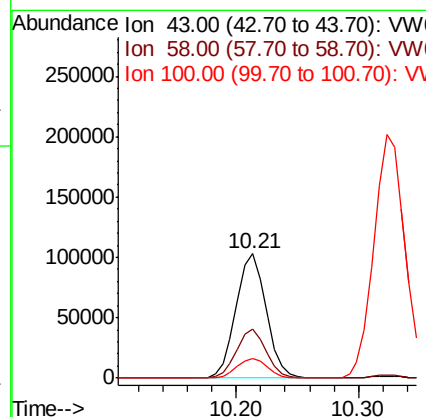
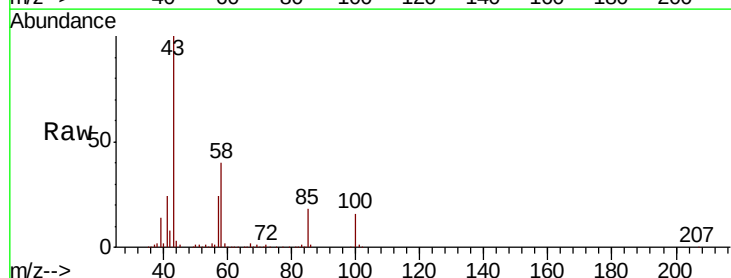
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

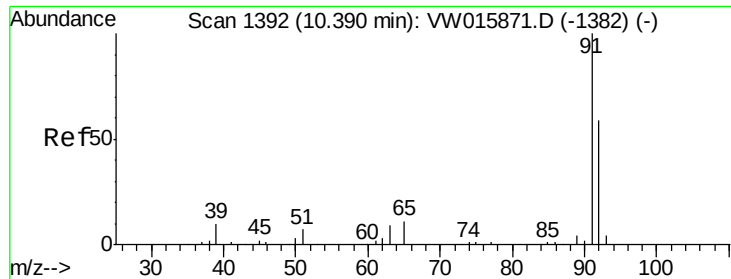
Tot Ion: 75 Resp: 234036
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 48.119 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion: 43 Resp: 176166
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.0 46.4
 100 16.1 12.6 19.0





#44

Toluene

Concen: 24.431 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

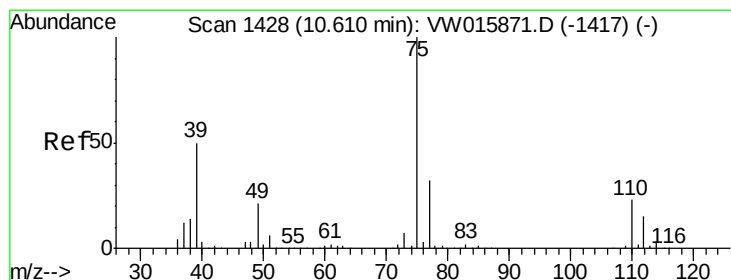
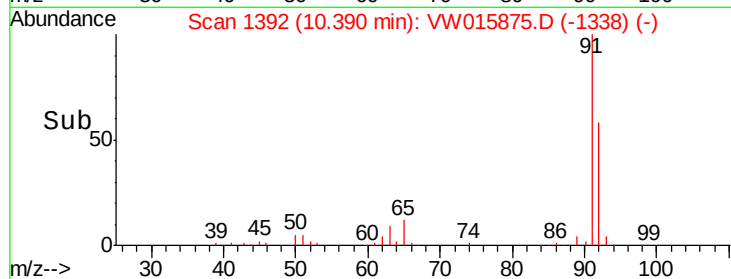
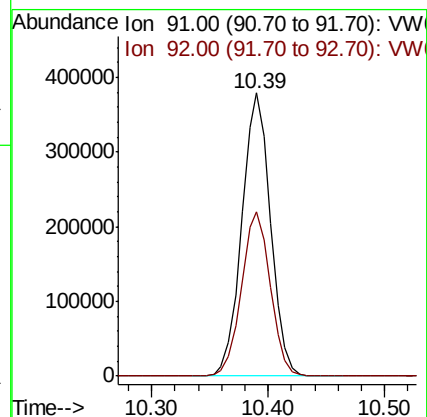
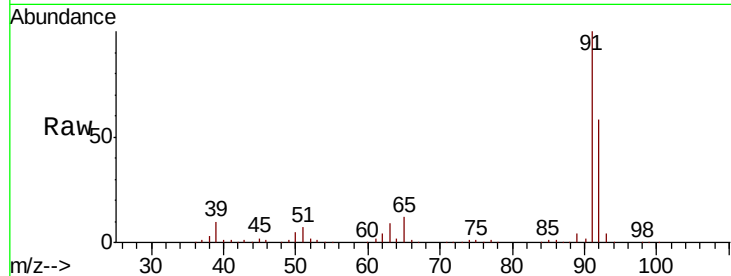
BFB21

Tot Ion: 91 Resp: 648753

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 24.925 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015875.D

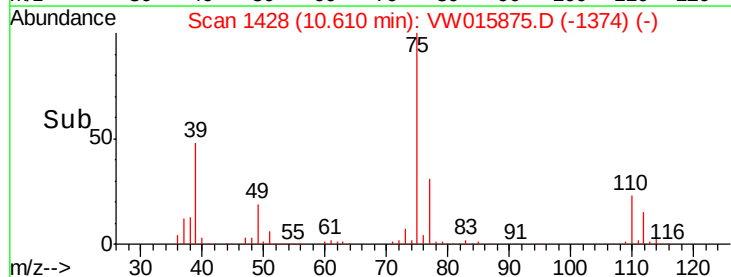
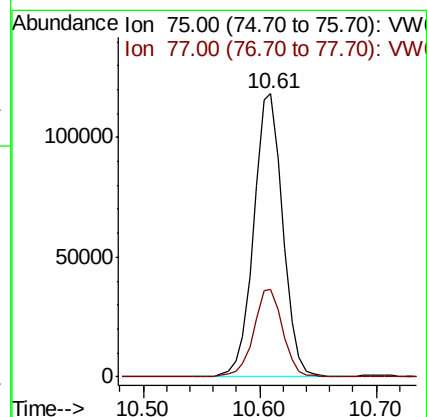
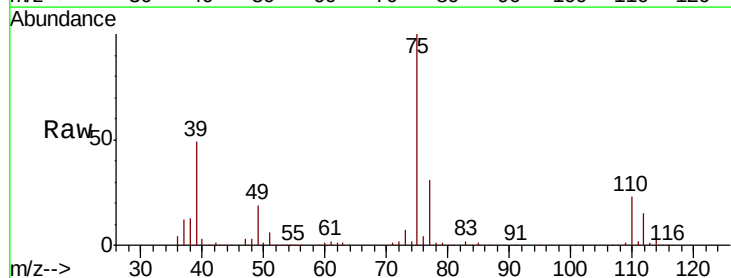
Acq: 20 Jul 2020 14:35

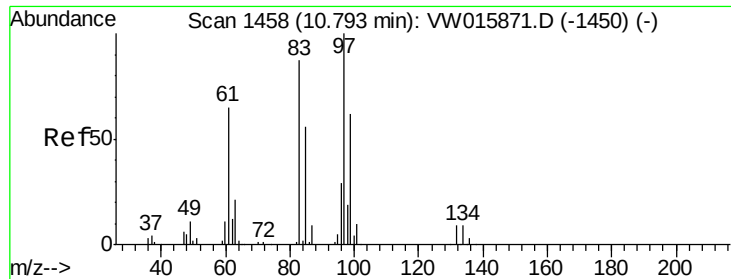
Tgt Ion: 75 Resp: 206385

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9

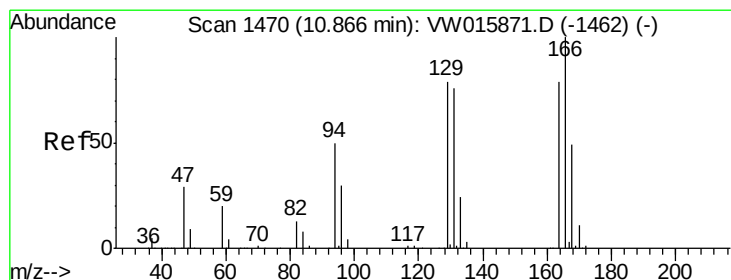
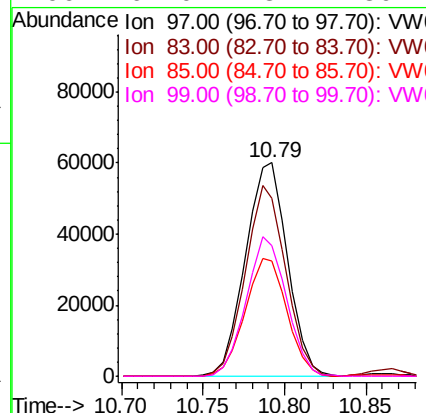
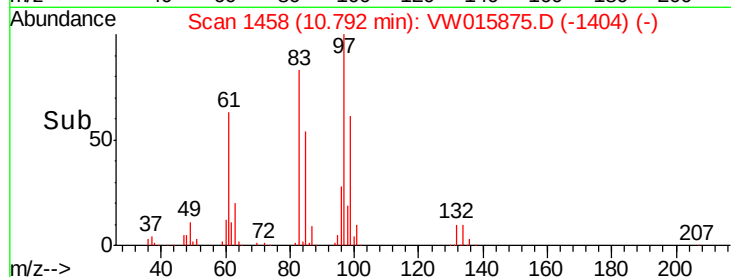
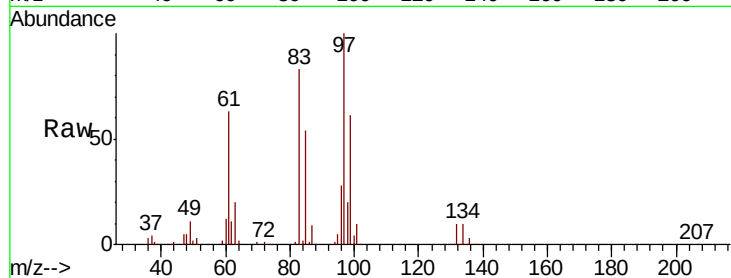




#46
 1,1,2-Trichloroethane
 Concen: 23.881 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

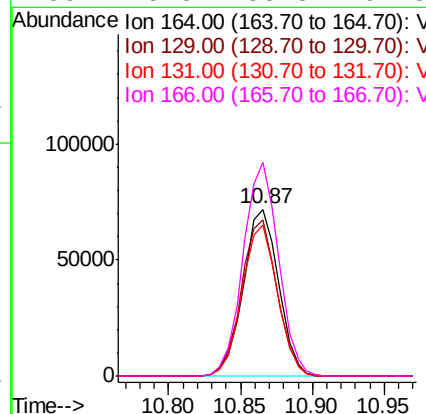
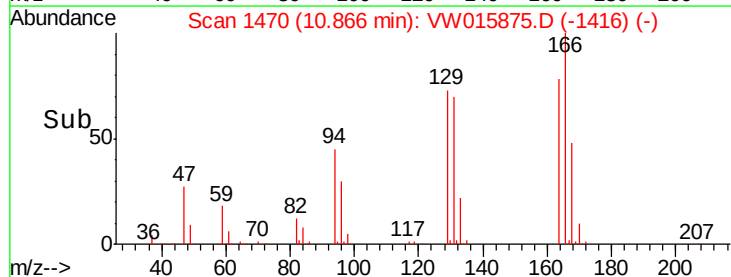
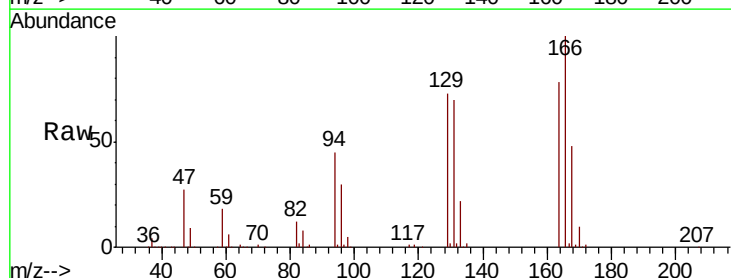
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

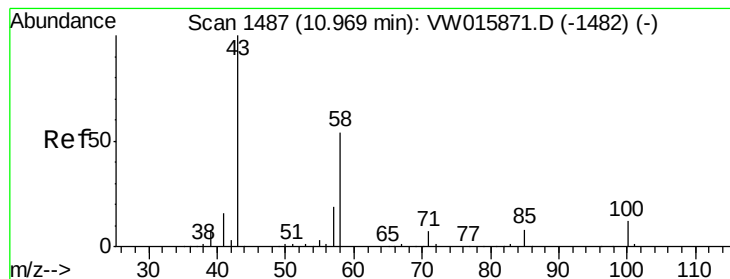
Tot Ion:	97	Resp:	107711
Ion	Ratio	Lower	Upper
97	100		
83	83.5	60.6	112.6
85	54.2	38.9	72.2
99	61.0	43.1	80.1



#47
 Tetrachloroethene
 Concen: 23.367 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion:	164	Resp:	121481
Ion	Ratio	Lower	Upper
164	100		
129	93.8	70.0	130.0
131	90.2	67.3	124.9
166	128.0	88.5	164.3





#49

2-Hexanone

Concen: 46.816 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

BFB21

Tot Ion: 43 Resp: 121628

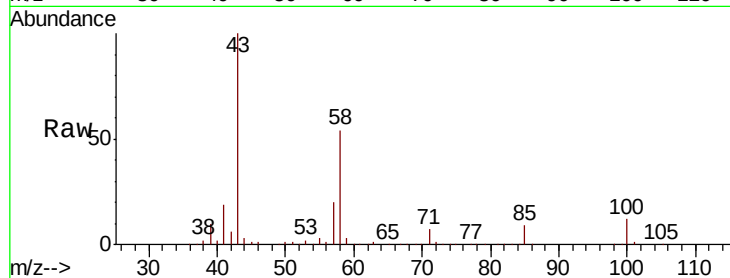
Ion Ratio Lower Upper

43 100

58 53.8 42.4 63.6

57 19.0 15.6 23.4

100 12.8 9.8 14.6

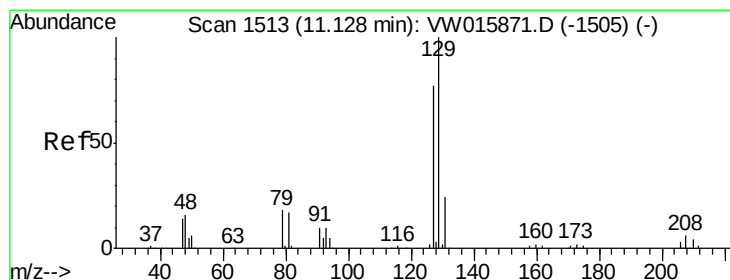
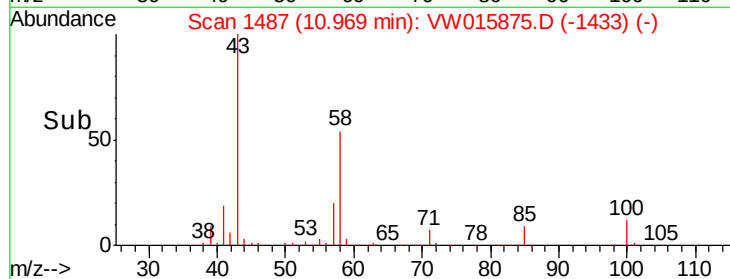
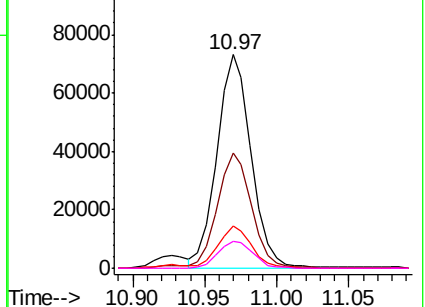


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 24.171 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015875.D

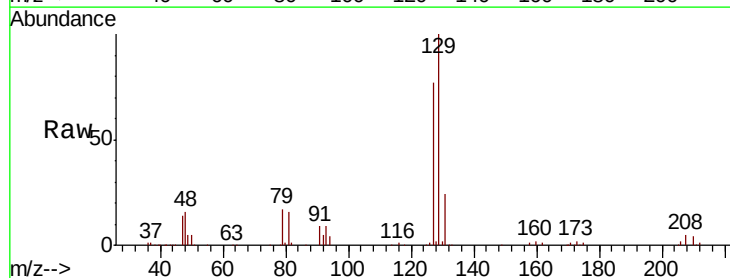
Acq: 20 Jul 2020 14:35

Tgt Ion: 129 Resp: 126217

Ion Ratio Lower Upper

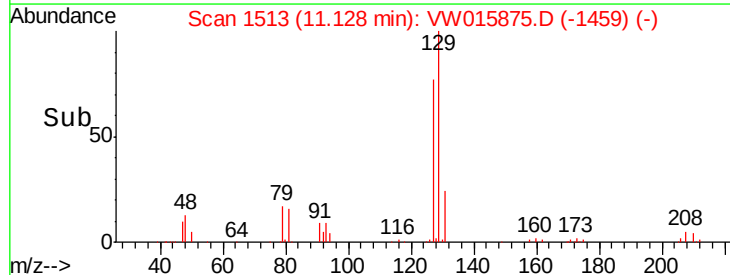
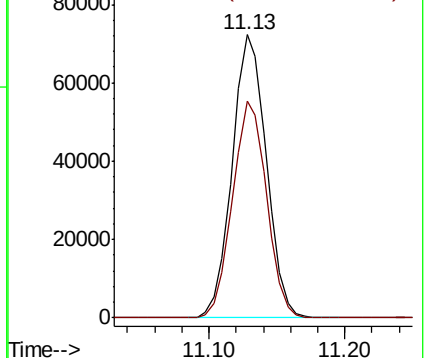
129 100

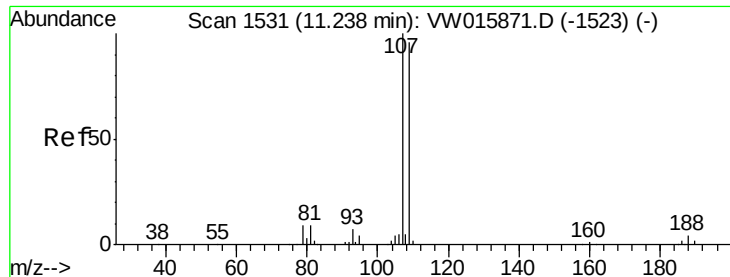
127 76.7 53.8 100.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

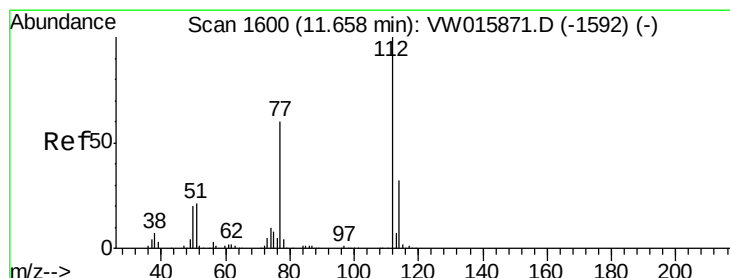
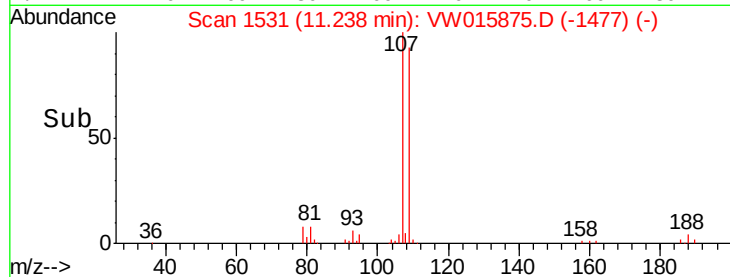
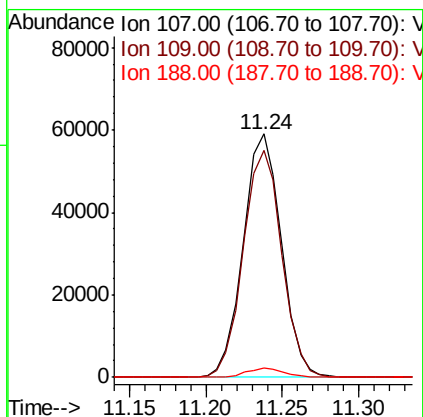
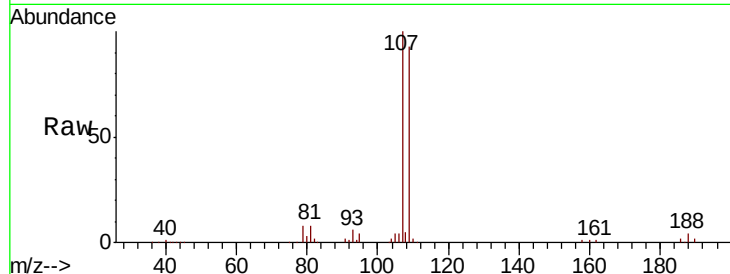




#51
1,2-Dibromoethane
Concen: 23.743 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

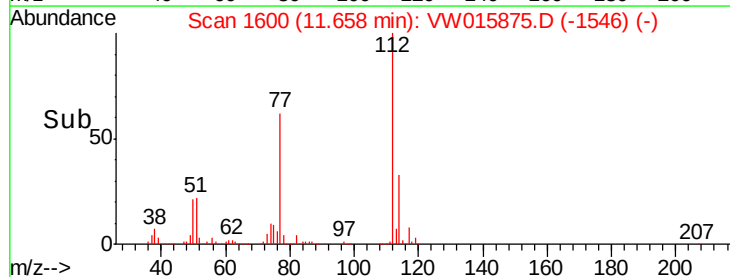
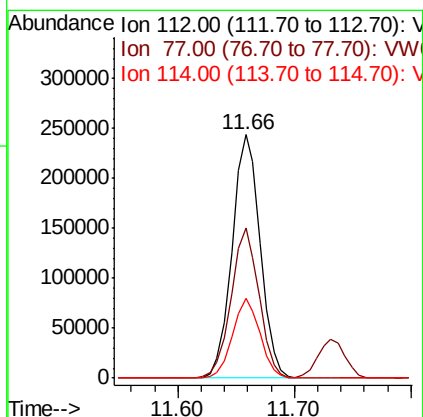
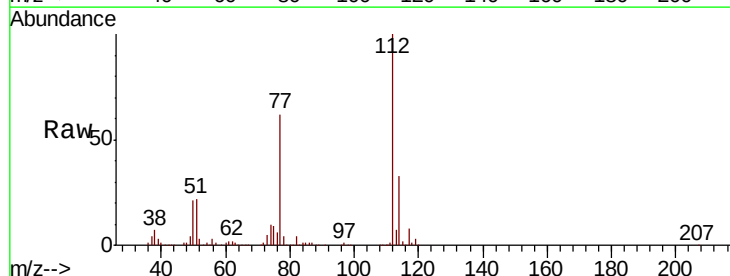
Instrument :
MSVOA_W
ClientSampleId :
BFB21

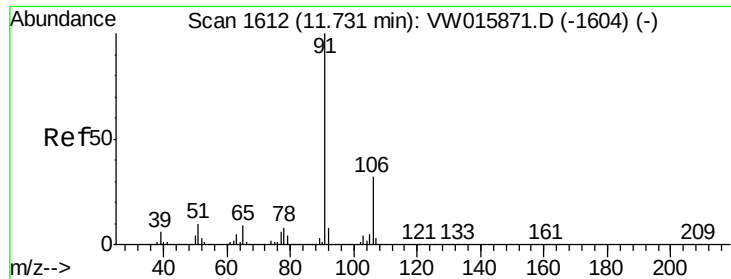
Tot Ion	107	Resp	102445
Ion Ratio	Lower	Upper	
107	100		
109	93.3	66.9	124.3
188	4.1	3.2	4.8



#52
Chlorobenzene
Concen: 24.003 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion	112	Resp	408423
Ion Ratio	Lower	Upper	
112	100		
77	61.5	47.8	71.6
114	33.0	22.1	41.1

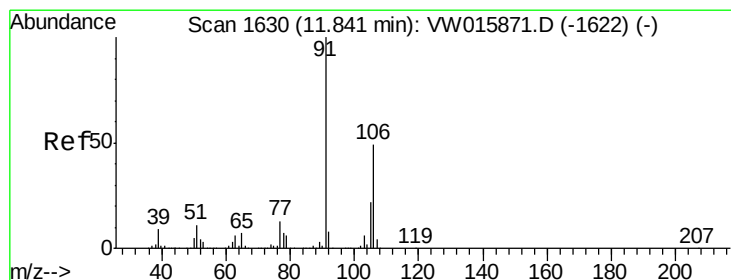
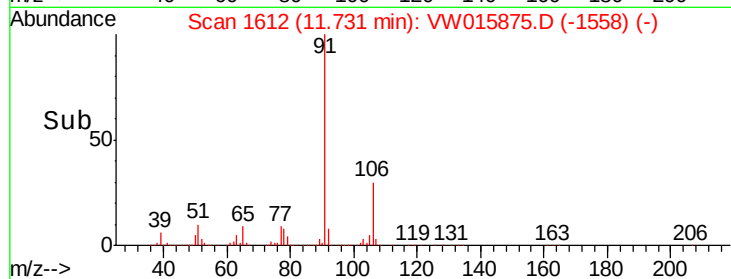
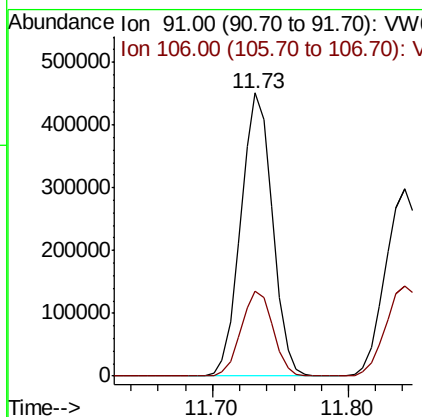
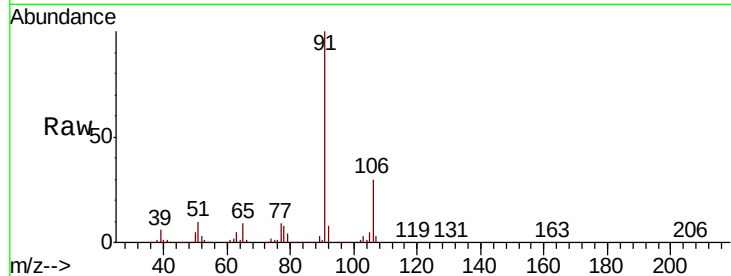




#53
Ethylbenzene
Concen: 24.564 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

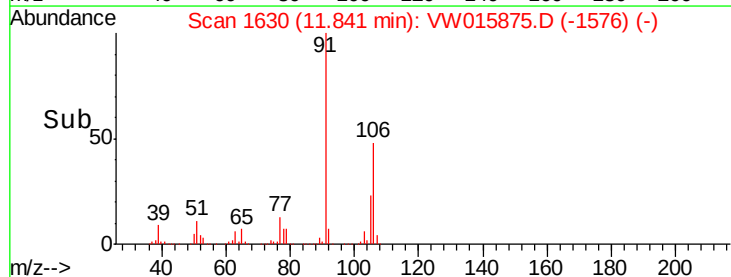
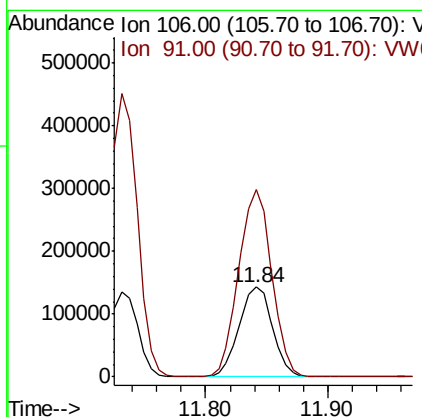
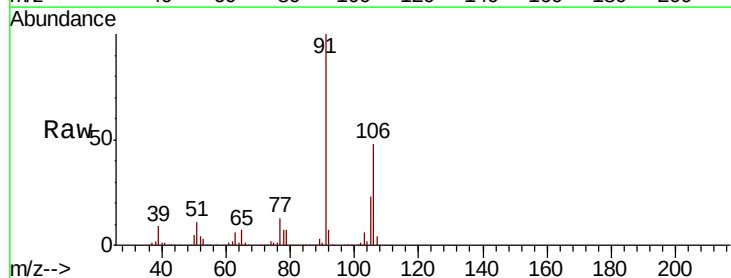
Instrument :
MSVOA_W
ClientSampled :
BFB21

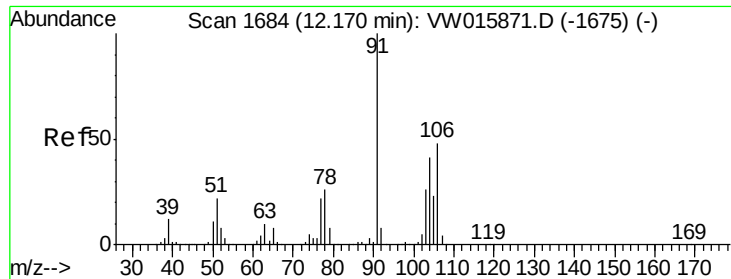
Tot Ion: 91 Resp: 733482
Ion Ratio Lower Upper
91 100
106 29.8 22.4 41.6



#54
m,p-Xylene
Concen: 24.400 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion: 106 Resp: 272588
Ion Ratio Lower Upper
106 100
91 209.0 144.1 267.5

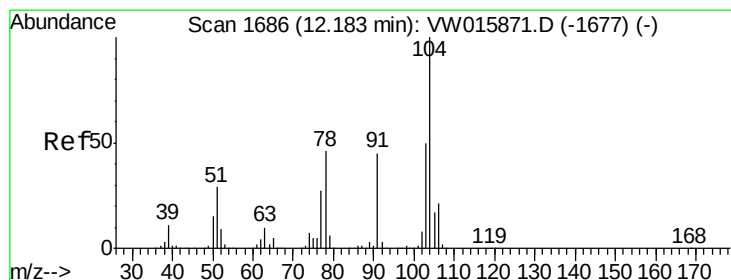
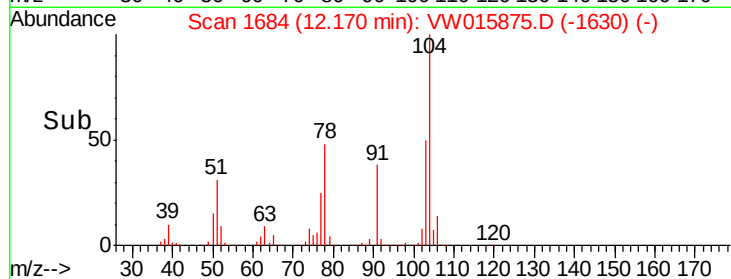
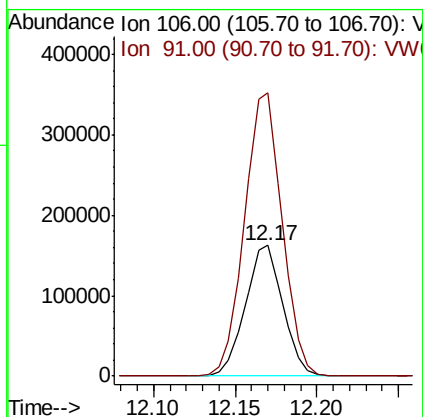
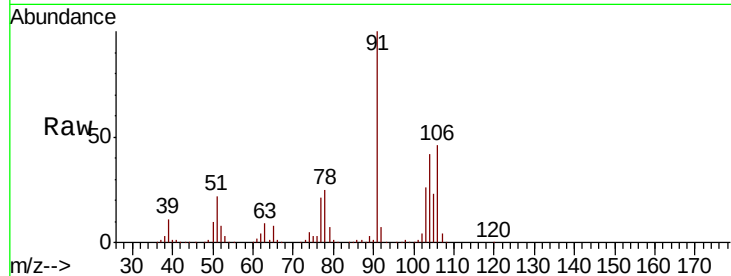




#55
o-xylene
Concen: 24.651 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

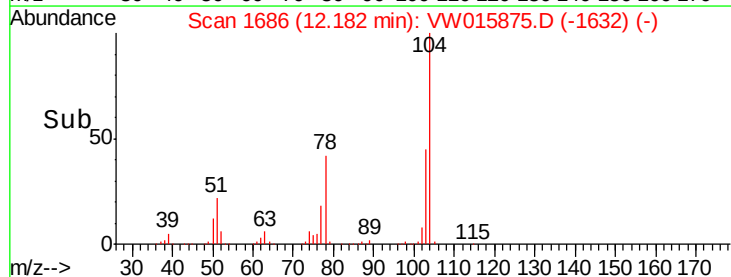
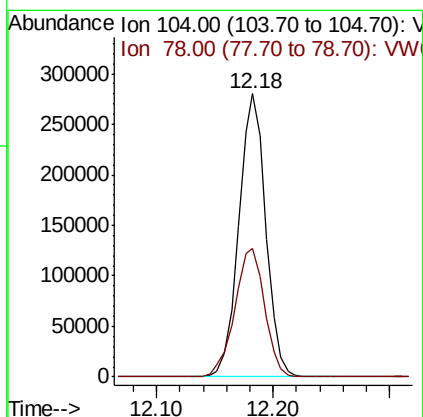
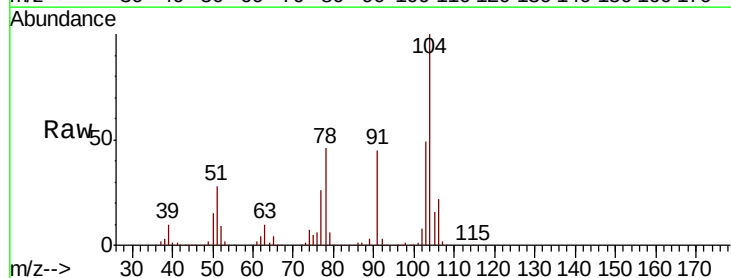
Instrument :
MSVOA_W
ClientSampled :
BFB21

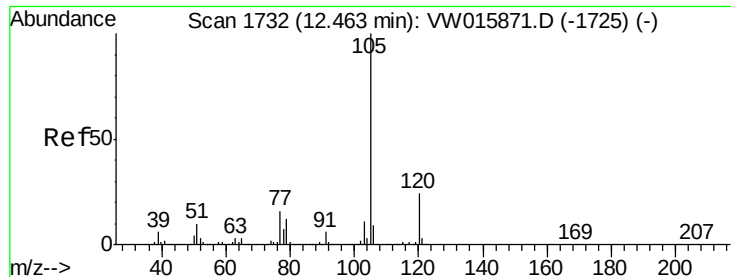
Tot Ion:106 Resp: 259314
Ion Ratio Lower Upper
106 100
91 216.6 146.8 272.6



#56
Styrene
Concen: 25.197 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015875.D
Acq: 20 Jul 2020 14:35

Tgt Ion:104 Resp: 450766
Ion Ratio Lower Upper
104 100
78 45.5 32.0 59.4





#57

Isopropylbenzene

Concen: 24.806 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

BFB21

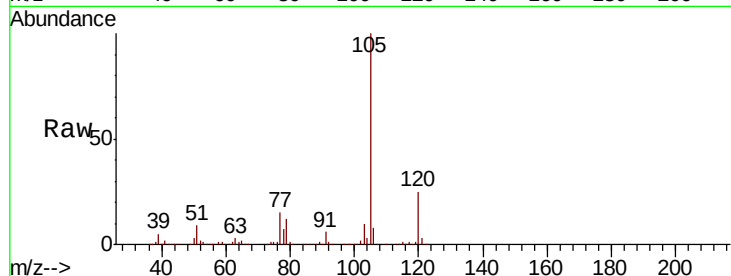
Tot Ion:105 Resp: 710365

Ion Ratio Lower Upper

105 100

120 26.0 20.4 30.6

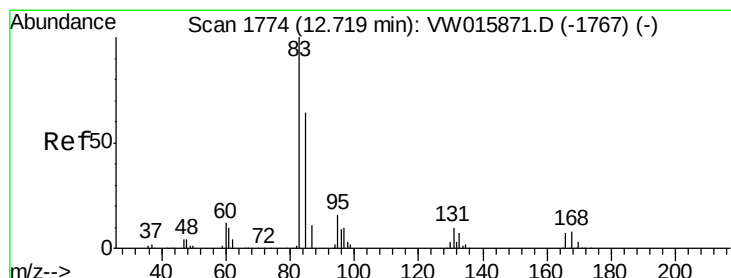
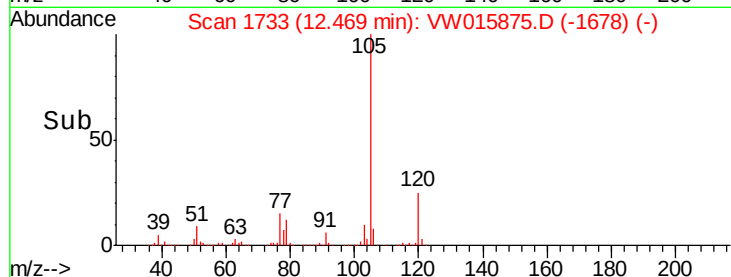
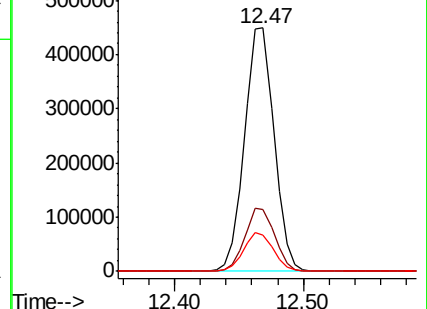
77 15.8 12.9 19.3



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: 23.906 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

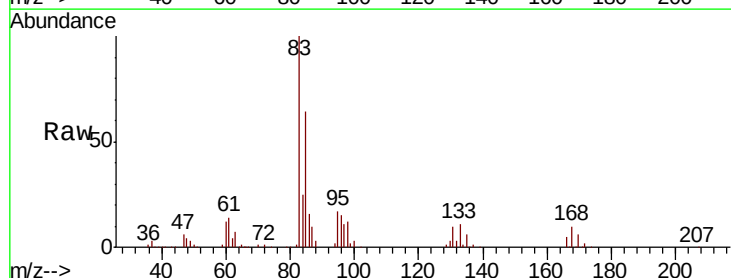
Tgt Ion: 83 Resp: 126615

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7

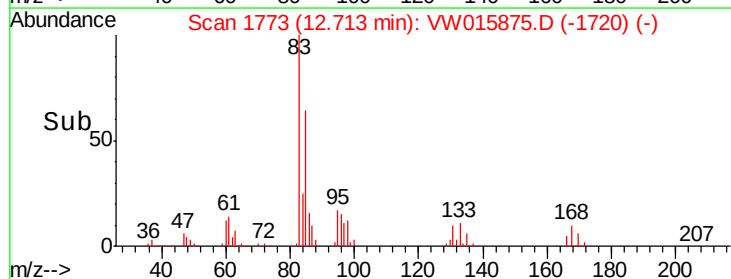
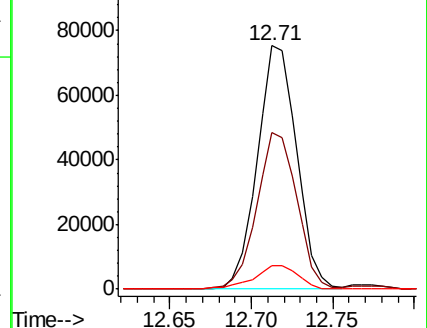
131 9.7 8.2 12.4

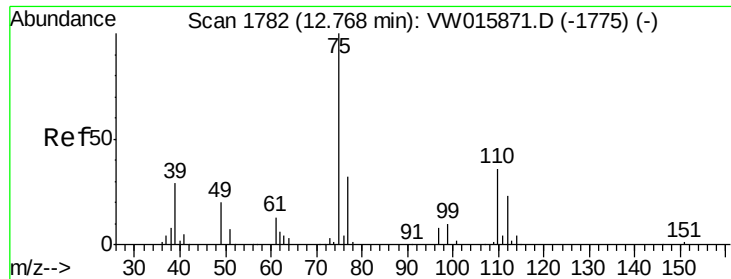


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 23.843 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

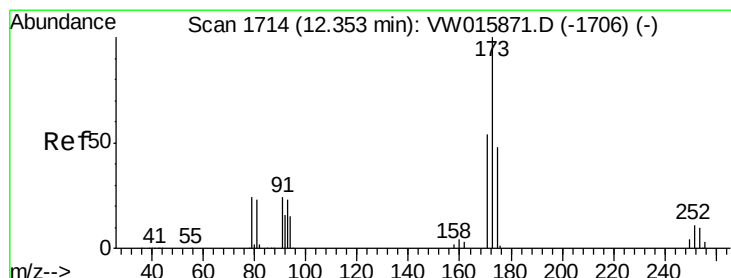
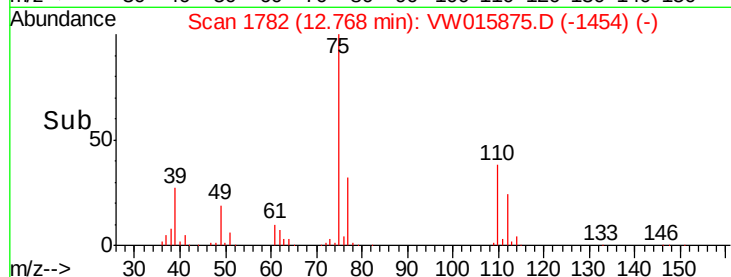
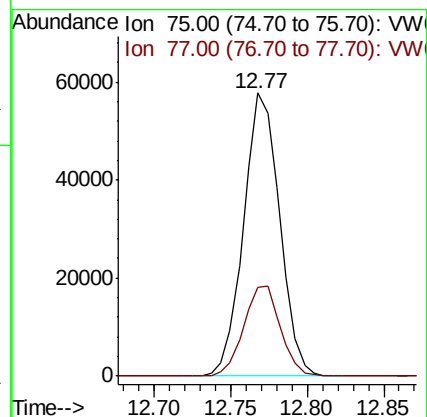
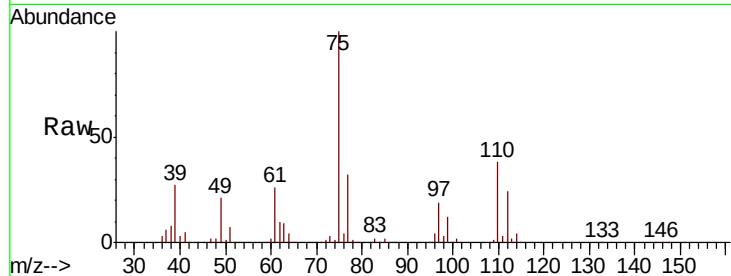
BFB21

Tot Ion: 75 Resp: 94618

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0



#62

Bromoform

Concen: 23.310 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

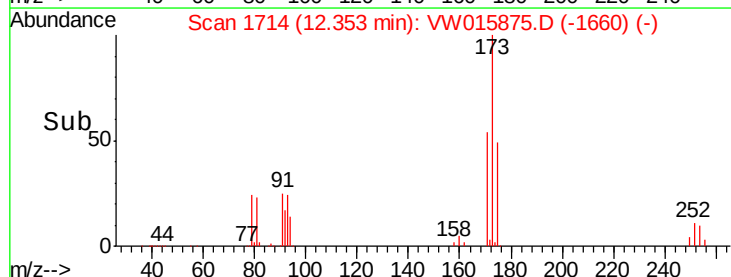
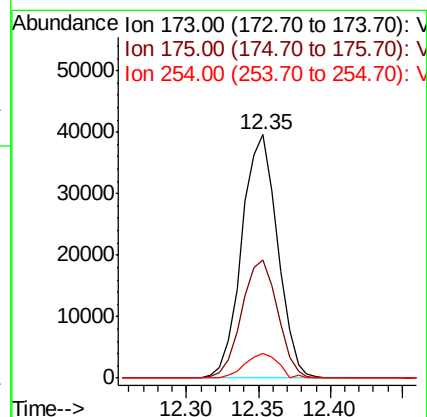
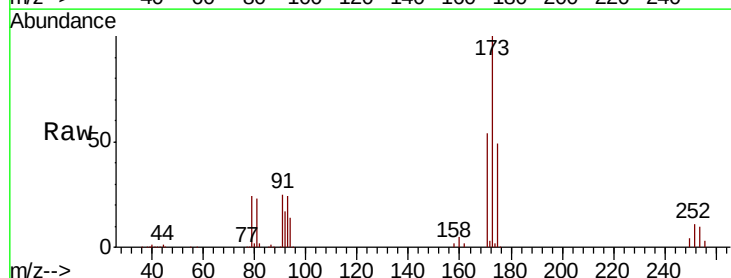
Tgt Ion: 173 Resp: 68100

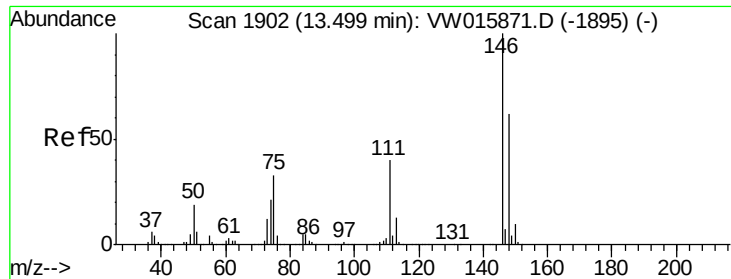
Ion Ratio Lower Upper

173 100

175 49.1 38.7 58.1

254 9.2 7.9 11.9

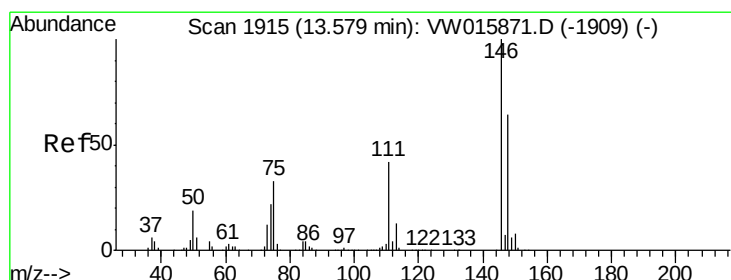
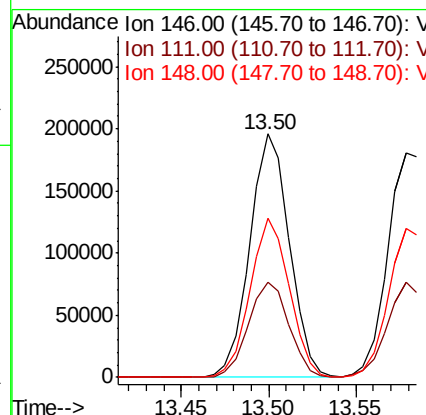
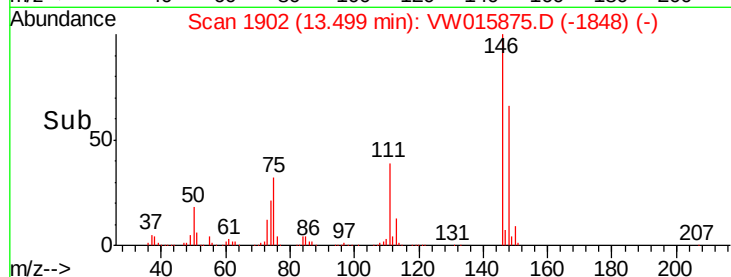
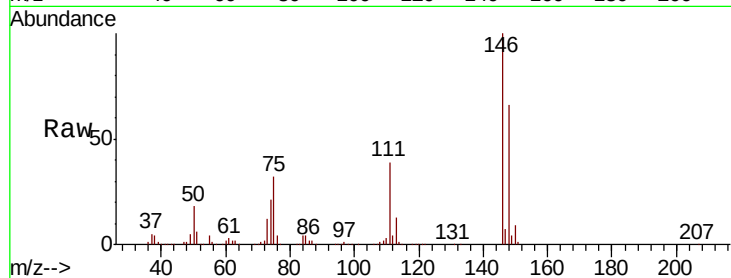




#63
 1,3-Dichlorobenzene
 Concen: 24.277 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

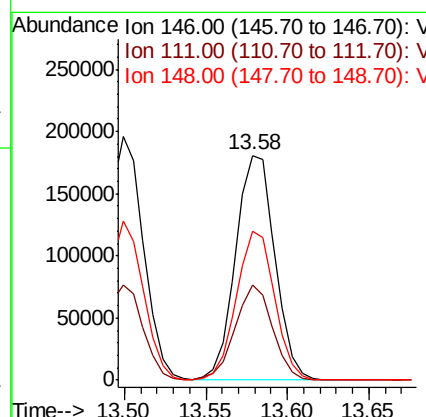
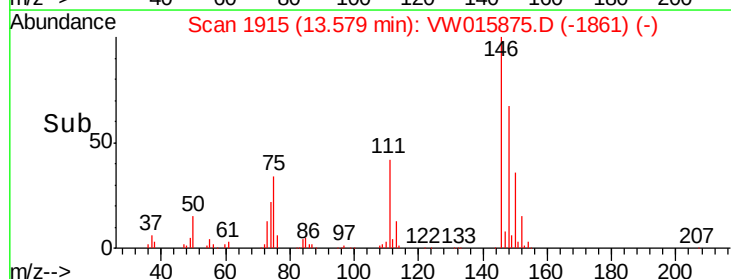
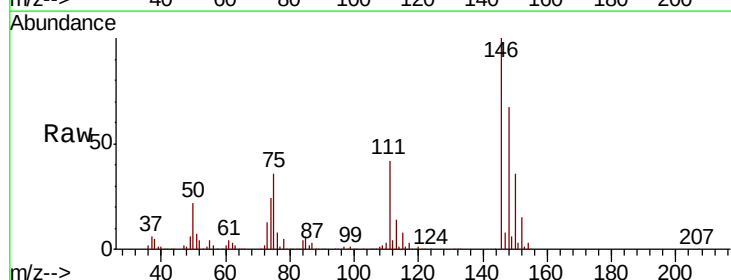
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

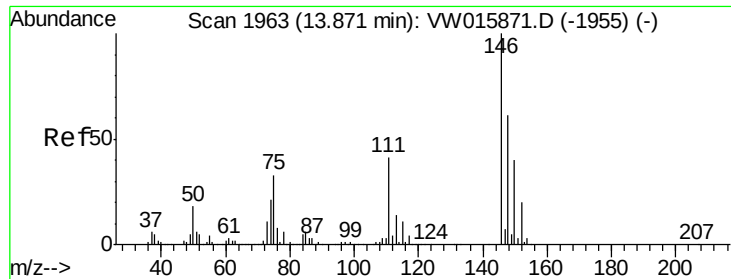
Tot Ion:146 Resp: 308572
 Ion Ratio Lower Upper
 146 100
 111 39.3 27.9 51.7
 148 65.5 43.2 80.2



#64
 1,4-Dichlorobenzene
 Concen: 23.473 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion:146 Resp: 302803
 Ion Ratio Lower Upper
 146 100
 111 42.4 29.3 54.3
 148 66.6 44.5 82.7

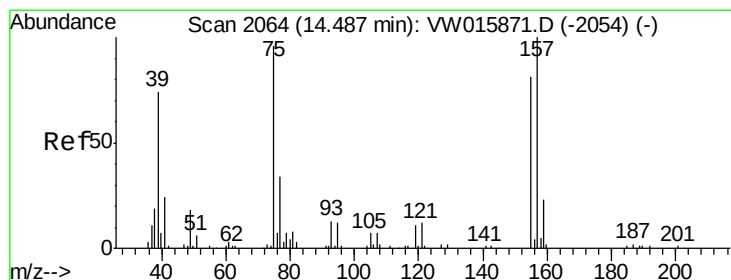
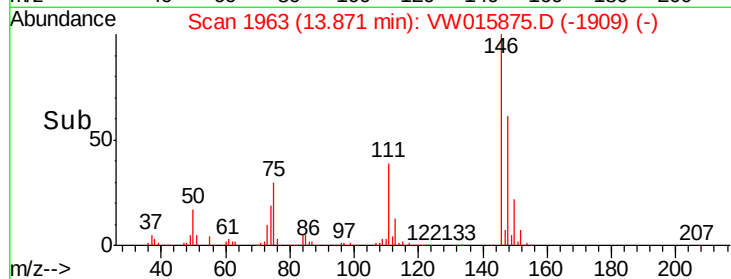
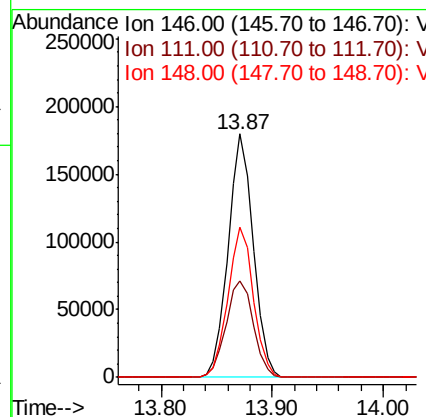
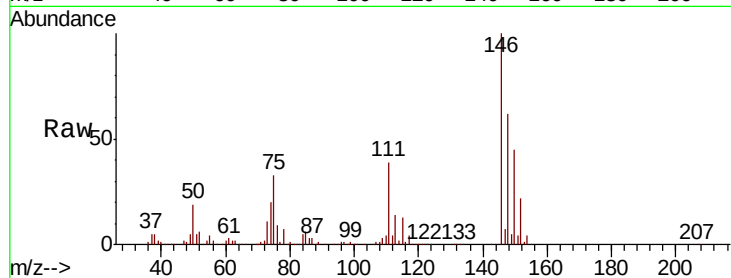




#65
 1,2-Dichlorobenzene
 Concen: 24.290 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

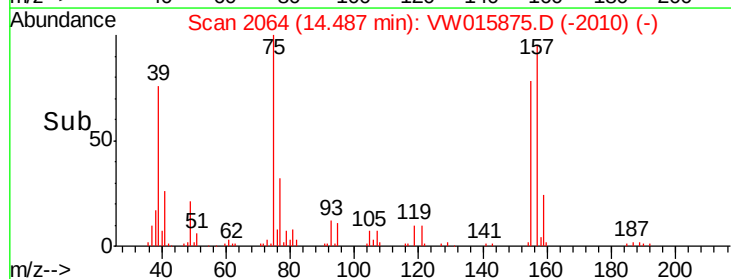
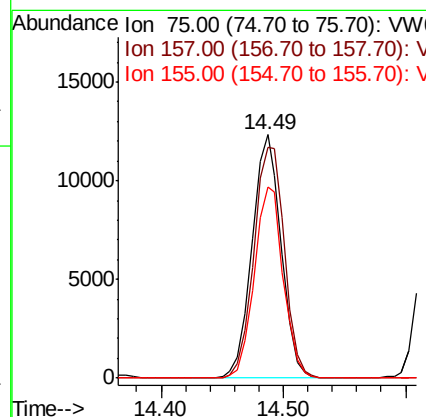
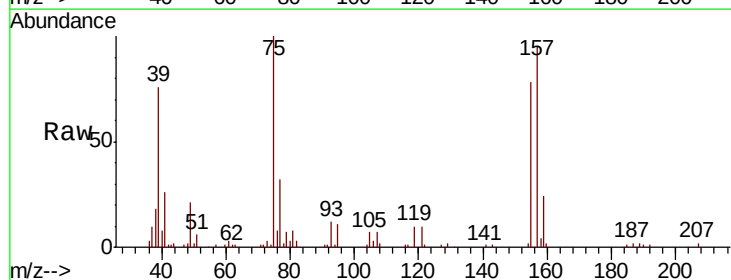
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

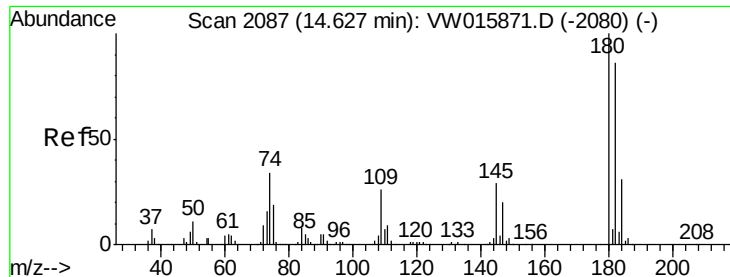
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	32.9	49.3
148	61.5	48.8	73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 23.396 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
157	94.8	83.0	124.4
155	78.4	66.9	100.3

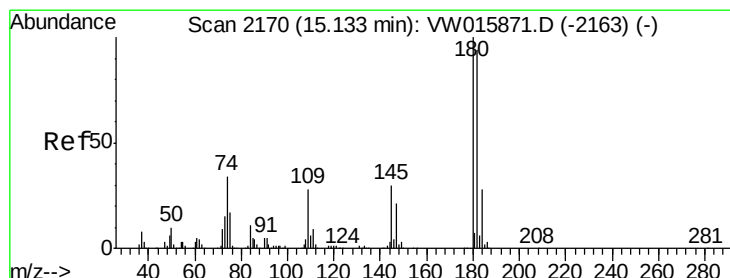
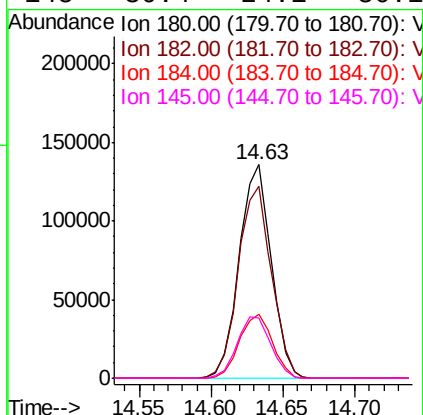
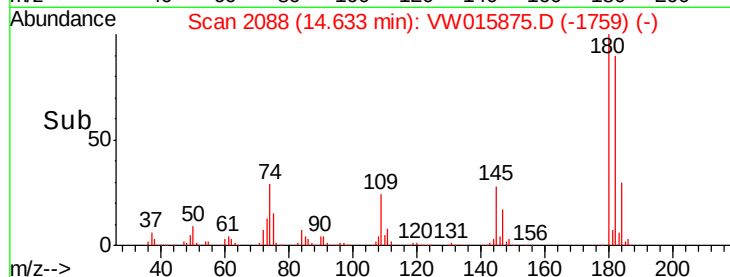
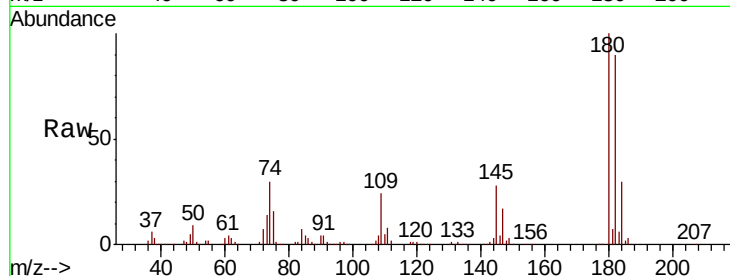




#67
 1,3,5-Trichlorobenzene
 Concen: 23.479 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

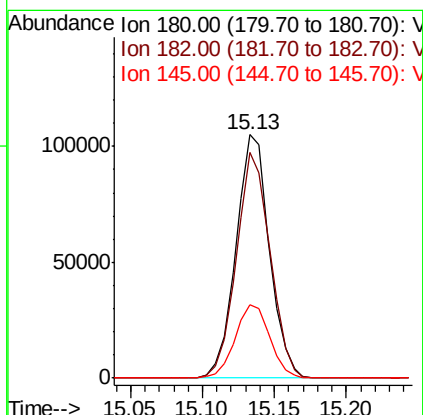
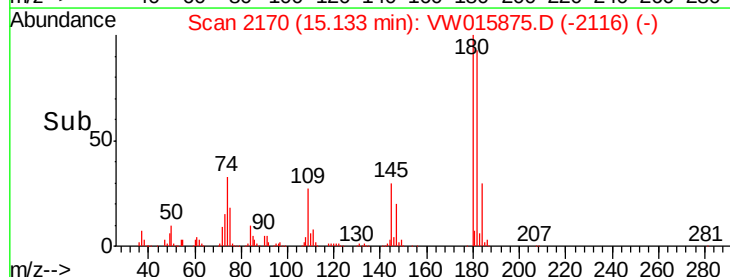
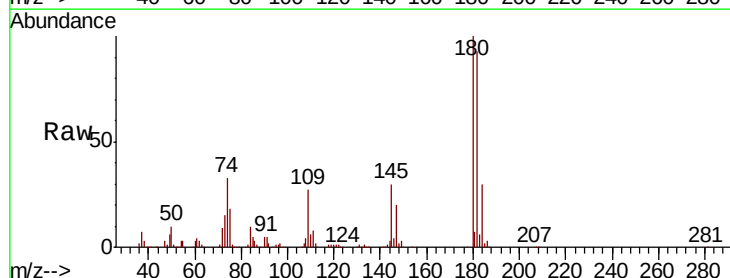
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB21

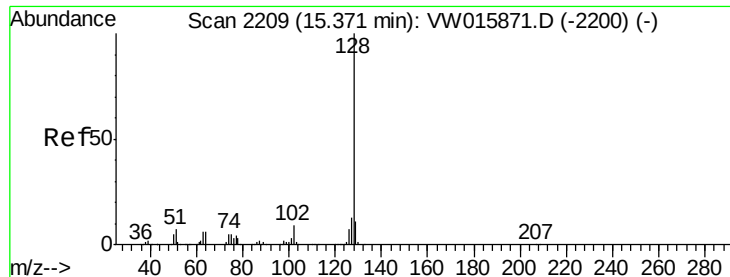
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.4	113.0
184	31.0	24.6	37.0
145	30.4	24.1	36.1



#68
 1,2,4-trichlorobenzene
 Concen: 23.883 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015875.D
 Acq: 20 Jul 2020 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	31.3	24.3	36.5





#69

Naphthalene

Concen: 25.013 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

BFB21

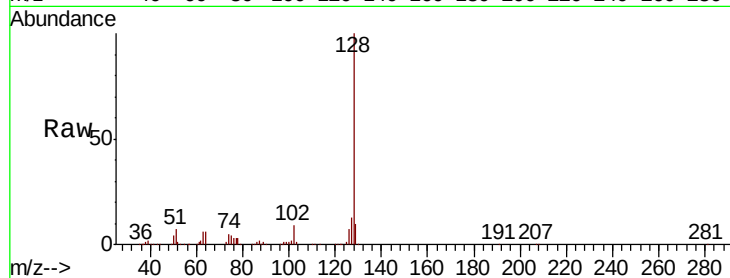
Tot Ion:128 Resp: 334520

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.0 10.5 15.7

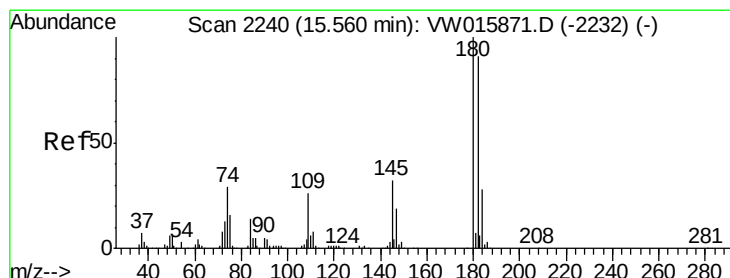
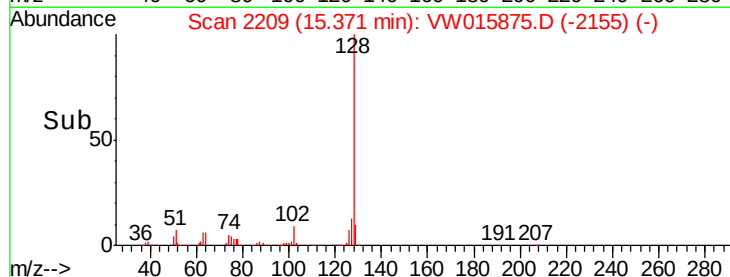
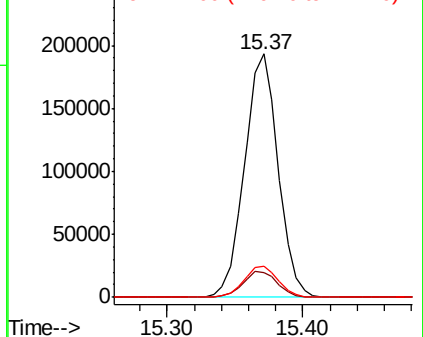


Abundance

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: 23.414 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW015875.D

Acq: 20 Jul 2020 14:35

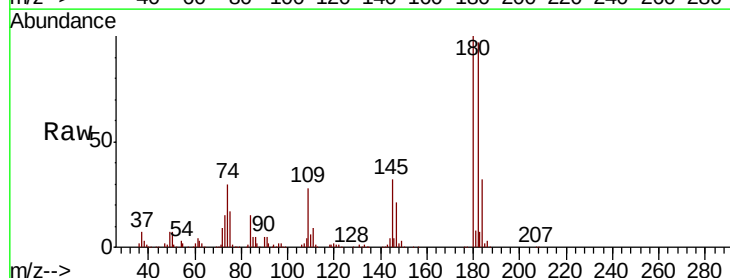
Tgt Ion:180 Resp: 148099

Ion Ratio Lower Upper

180 100

182 96.5 74.0 111.0

145 33.6 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

