

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017468.D
 Acq On : 24 Nov 2020 13:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	400222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364852	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132485	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
7) Chloroethane-d5	2.90	69	102912	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.03	63	281807	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.16%
20) 2-Butanone-d5	7.09	46	62183	56.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.02%
24) Chloroform-d	7.65	84	277822	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	139585	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	537357	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.28	67	148079	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.32	98	495563	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.58	79	69600	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.36%
39) 2-Hexanone-d5	10.93	63	46750	60.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120014	26.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	178905	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	85722	22.540	ug/L	98
3) Chloromethane	2.22	50	97673	24.946	ug/L	97
5) Vinyl chloride	2.37	62	128430	26.450	ug/L	95
6) Bromomethane	2.79	94	89105	25.484	ug/L	100
8) Chloroethane	2.93	64	82152	25.182	ug/L	100
9) Trichlorofluoromethane	3.27	101	145170	26.109	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	146244	25.697	ug/L #	68
12) 1,1-Dichloroethene	4.05	96	139049	25.056	ug/L	97
13) Acetone	4.14	43	57459	53.783	ug/L	96
14) Carbon disulfide	4.39	76	405974	25.577	ug/L	98
15) Methyl Acetate	4.68	43	55463	29.824	ug/L	98
16) Methylene chloride	4.92	84	148490	24.712	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	164649	27.585	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	147975	25.940	ug/L	95
19) 1,1-Dichloroethane	6.22	63	248202	25.769	ug/L	98
21) 2-Butanone	7.17	43	73369	57.388	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	152655	25.648	ug/L	98

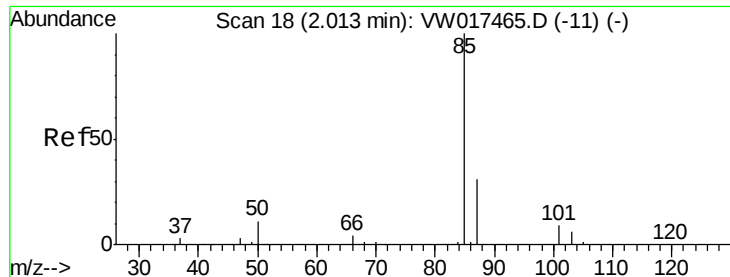
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017468.D
 Acq On : 24 Nov 2020 13:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 24 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	72393	26.776	ug/L	96
25) Chloroform	7.68	83	261783	25.745	ug/L	98
27) 1,2-Dichloroethane	8.40	62	163385	26.680	ug/L	99
30) Cyclohexane	7.96	56	226486	26.024	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	222156	25.727	ug/L	99
32) Carbon tetrachloride	8.07	117	218583	26.069	ug/L	100
34) Benzene	8.33	78	564029	25.721	ug/L	100
35) Trichloroethene	9.10	95	157288	25.873	ug/L	99
36) Methylcyclohexane	9.34	83	260549	25.917	ug/L	99
40) 1,2-Dichloropropane	9.37	63	133875	25.991	ug/L	100
41) Bromodichloromethane	9.65	83	186188	26.162	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	215856	27.056	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	148230	62.510	ug/L	94
44) Toluene	10.39	91	612857	25.971	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	190216	27.823	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	105132	27.241	ug/L	99
47) Tetrachloroethene	10.87	164	133455	25.765	ug/L	98
49) 2-Hexanone	10.97	43	106296	63.473	ug/L	92
50) Dibromochloromethane	11.13	129	134265	27.851	ug/L	97
51) 1,2-Dibromoethane	11.24	107	103755	28.051	ug/L	98
52) Chlorobenzene	11.66	112	394320	25.519	ug/L	97
53) Ethylbenzene	11.73	91	694131	25.944	ug/L	99
54) m,p-Xylene	11.84	106	266202	26.078	ug/L	92
55) o-xylene	12.16	106	255466	26.870	ug/L	99
56) Styrene	12.18	104	435314	27.217	ug/L	100
57) Isopropylbenzene	12.47	105	705731	27.024	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	117431	28.270	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	88256	28.785	ug/L	97
62) Bromoform	12.35	173	75894	27.422	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	322976	25.655	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	322865	25.889	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	293081	26.729	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19321	27.368	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	237536	26.339	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	201421	27.628	ug/L	95
69) Naphthalene	15.36	128	337770	30.005	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	173782	28.577	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 22.540 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

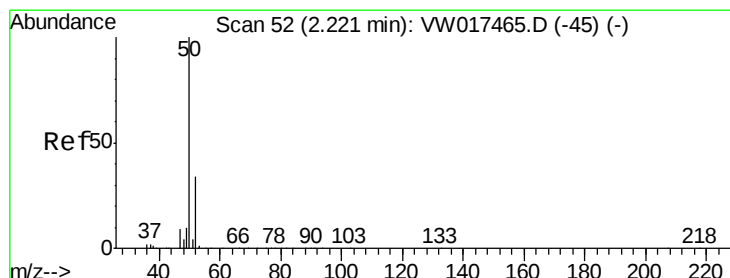
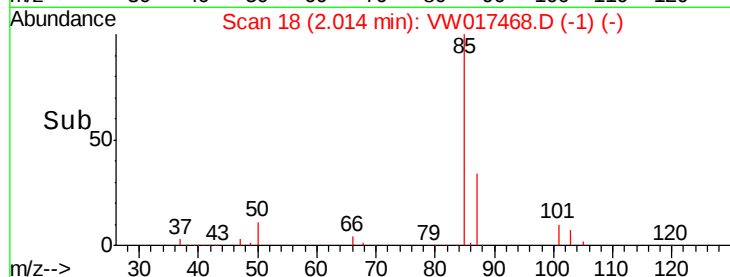
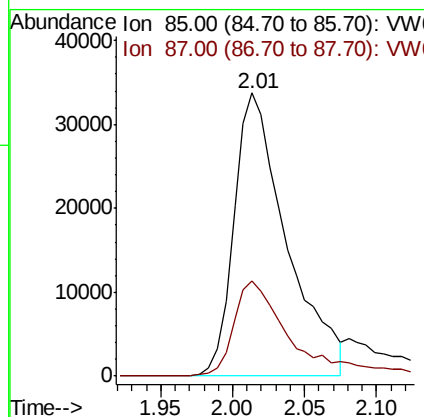
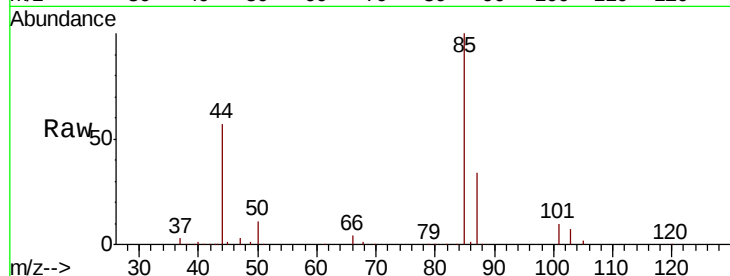
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 85 Resp: 85722

Ion Ratio Lower Upper

85 100

87 32.1 23.2 43.0



#3

Chloromethane

Concen: 24.946 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW017468.D

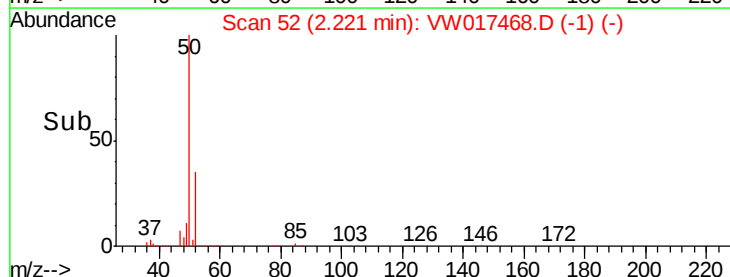
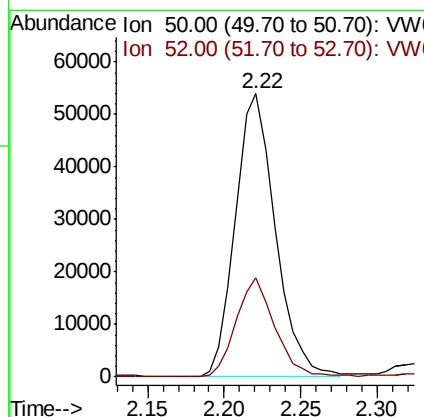
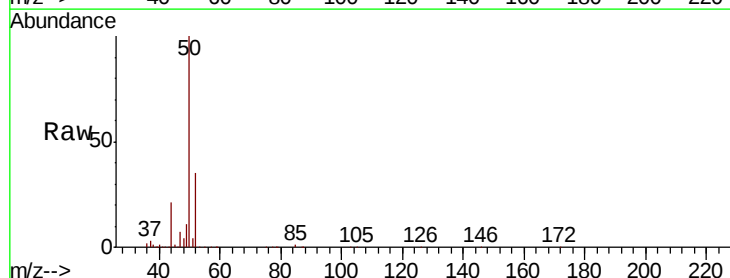
Acq: 24 Nov 2020 13:01

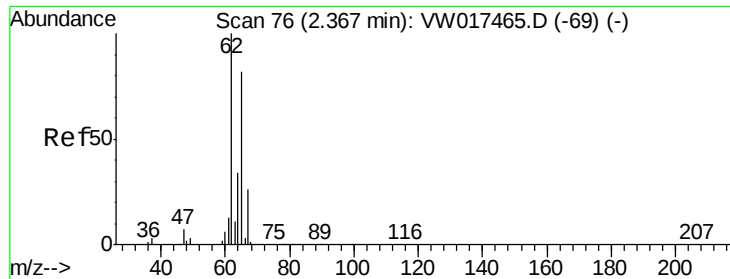
Tgt Ion: 50 Resp: 97673

Ion Ratio Lower Upper

50 100

52 35.2 23.4 43.6





#5

Vinyl chloride

Concen: 26.450 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

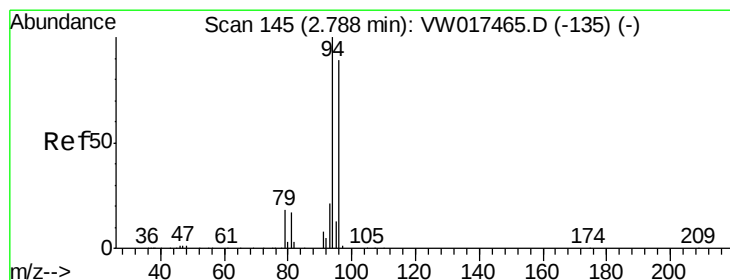
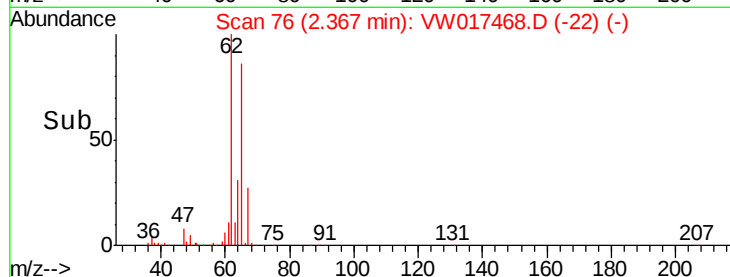
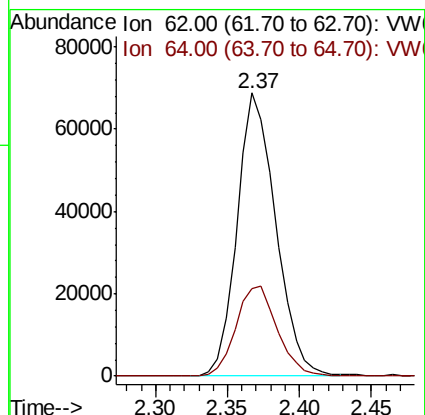
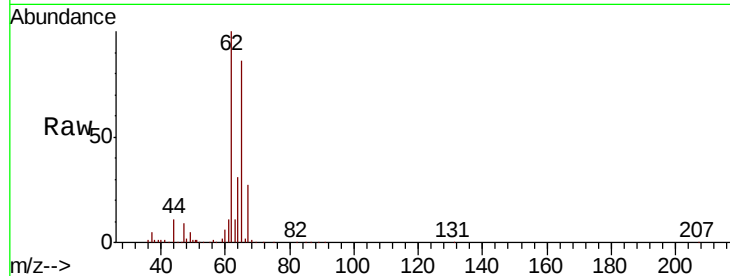
ClientSampleId :

Tot Ion: 62 Resp: 128430

Ion Ratio Lower Upper

62 100

64 31.1 23.9 44.5



#6

Bromomethane

Concen: 25.484 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW017468.D

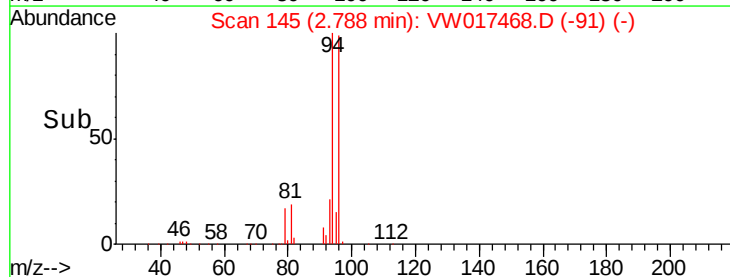
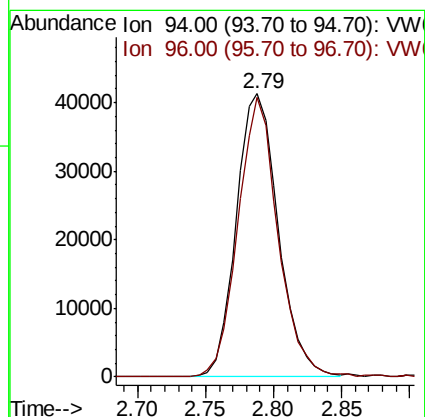
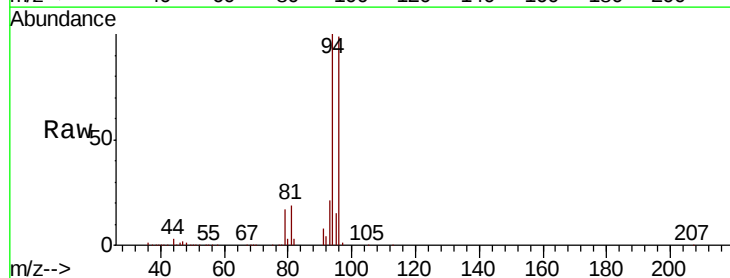
Acq: 24 Nov 2020 13:01

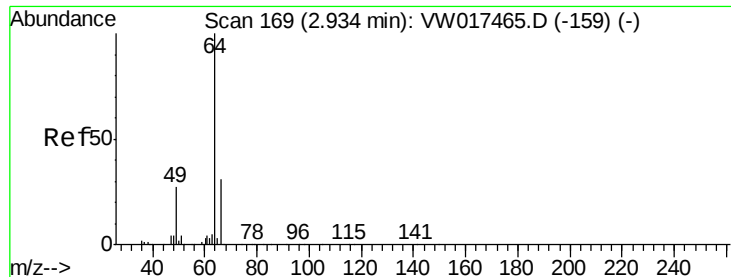
Tgt Ion: 94 Resp: 89105

Ion Ratio Lower Upper

94 100

96 93.7 9.4 178.0





#8

Chloroethane

Concen: 25.182 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

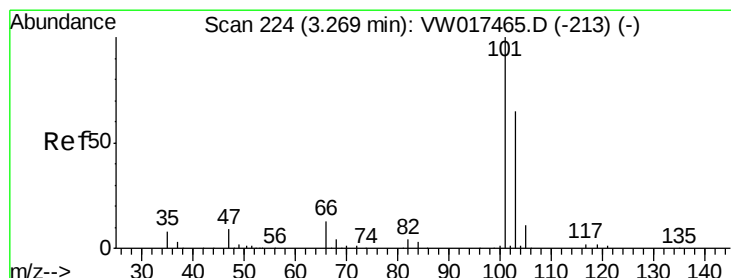
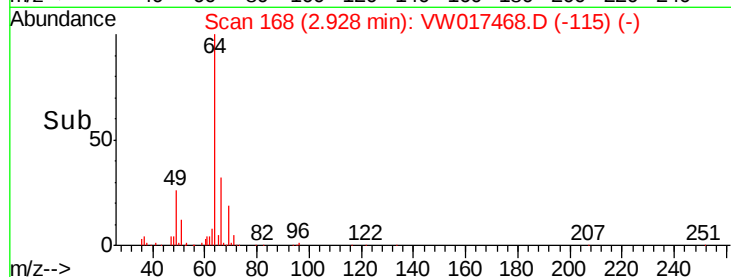
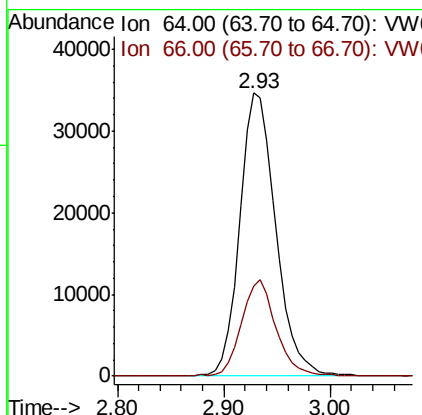
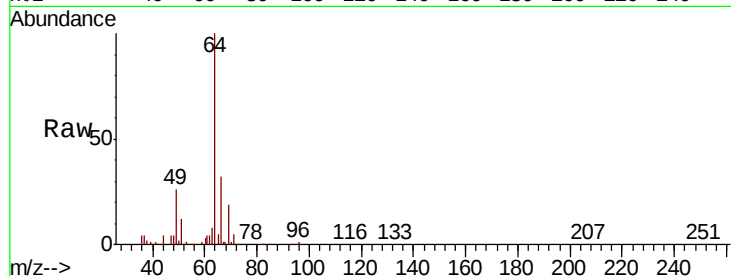
ClientSampleId :

Tot Ion: 64 Resp: 82152

Ion Ratio Lower Upper

64 100

66 31.7 22.0 41.0



#9

Trichlorofluoromethane

Concen: 26.109 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.00 min

Lab File: VW017468.D

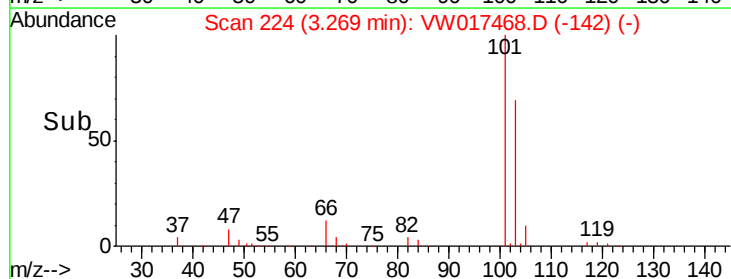
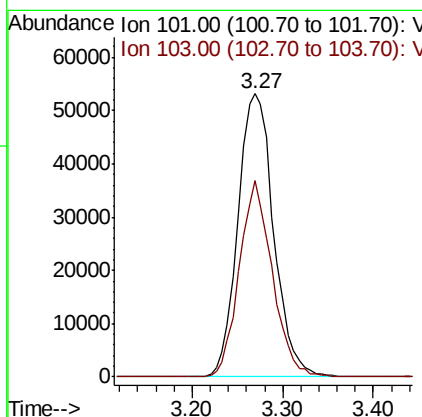
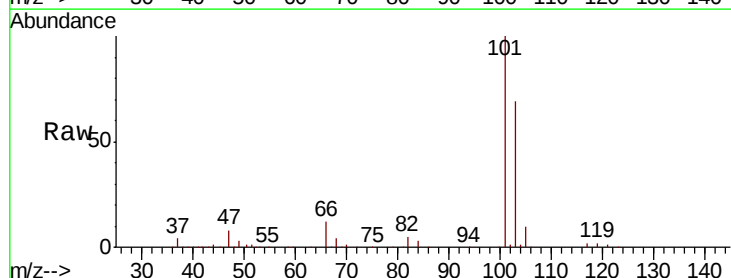
Acq: 24 Nov 2020 13:01

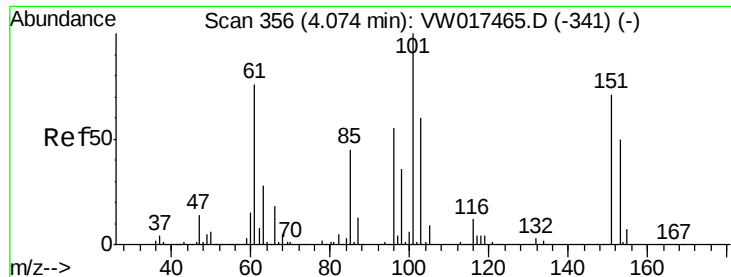
Tgt Ion: 101 Resp: 145170

Ion Ratio Lower Upper

101 100

103 64.0 45.0 83.6





#11

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

Concen: 25.697 ug/L

RT: 4.07 min Scan# 355

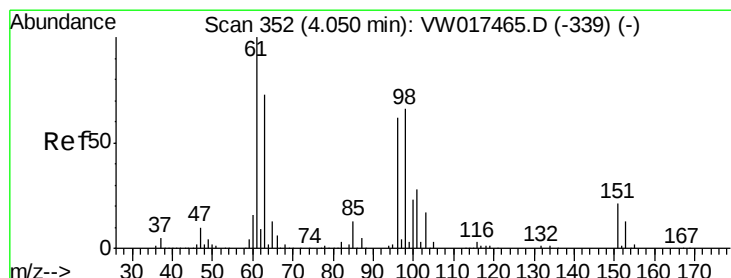
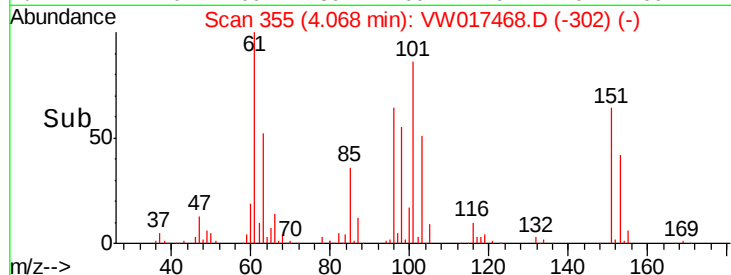
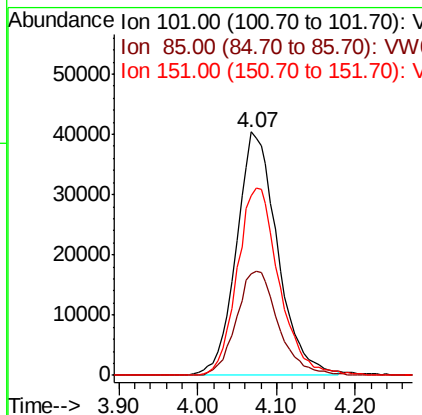
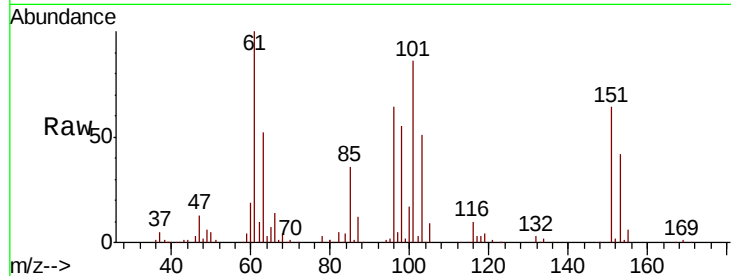
Delta R.T. -0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	101	Resp:	146244
Ion	Ratio	Lower	Upper
101	100		
85	43.6	34.2	51.4
151	78.3	30.4	45.6#



#12

1,1-Dichloroethene

Concen: 25.056 ug/L

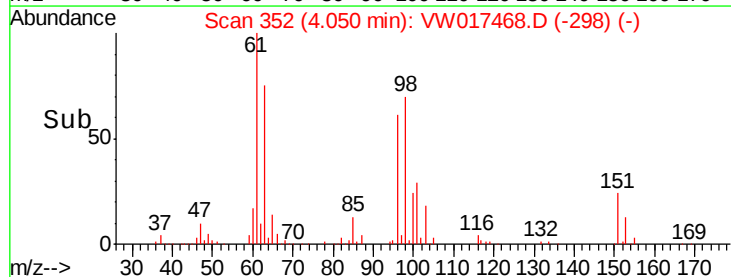
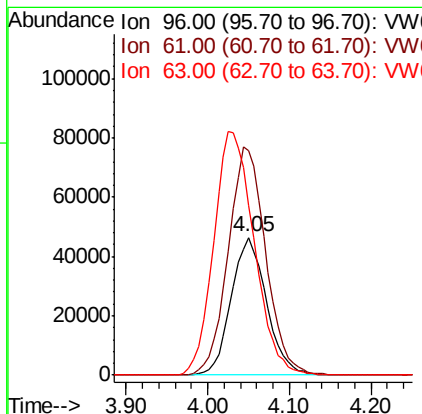
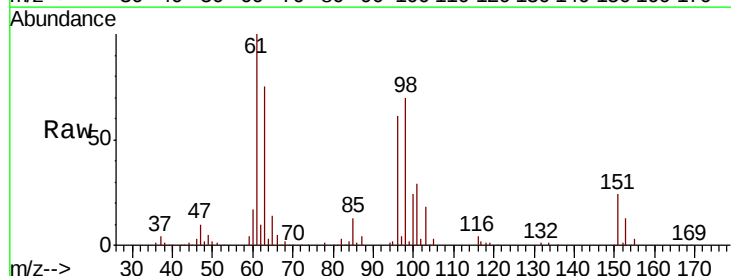
RT: 4.05 min Scan# 352

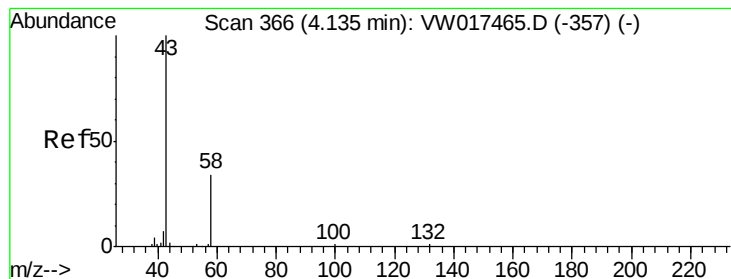
Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Tgt Ion:	96	Resp:	139049
Ion	Ratio	Lower	Upper
96	100		
61	163.4	112.5	208.9
63	122.9	83.1	154.3





#13

Acetone

Concen: 53.783 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

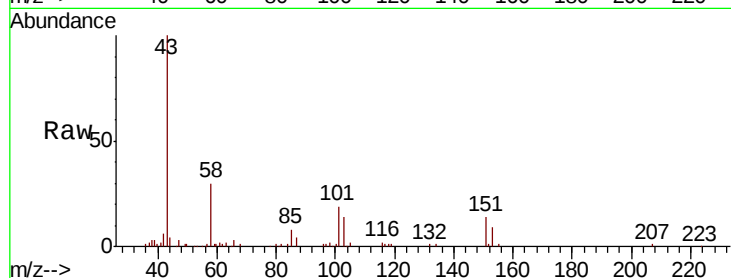
ClientSampleId :

Tot Ion: 43 Resp: 57459

Ion Ratio Lower Upper

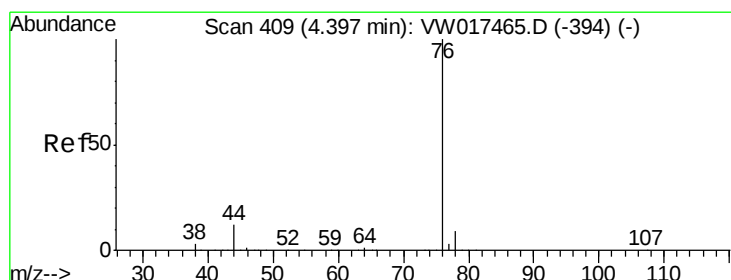
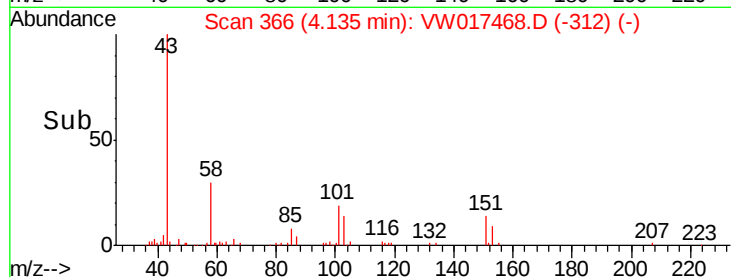
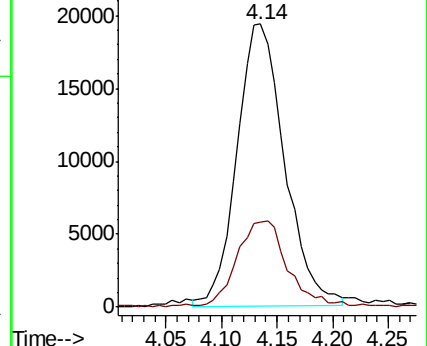
43 100

58 32.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.577 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.01 min

Lab File: VW017468.D

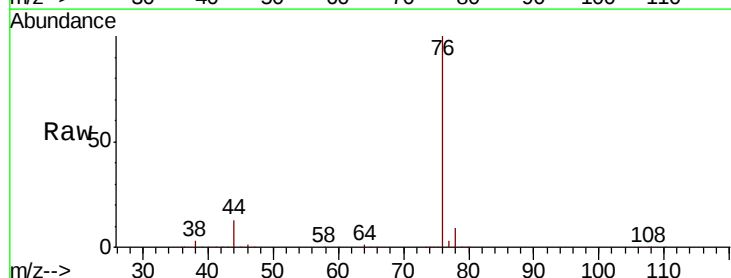
Acq: 24 Nov 2020 13:01

Tgt Ion: 76 Resp: 405974

Ion Ratio Lower Upper

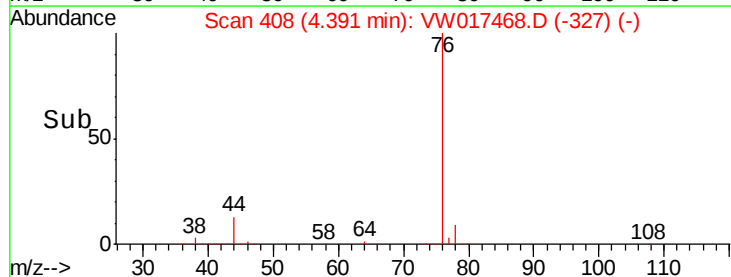
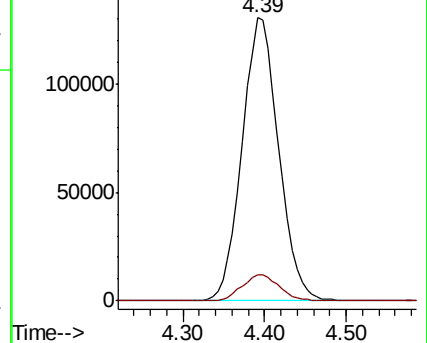
76 100

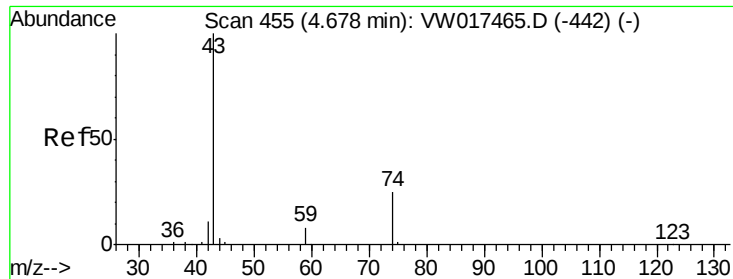
78 9.3 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

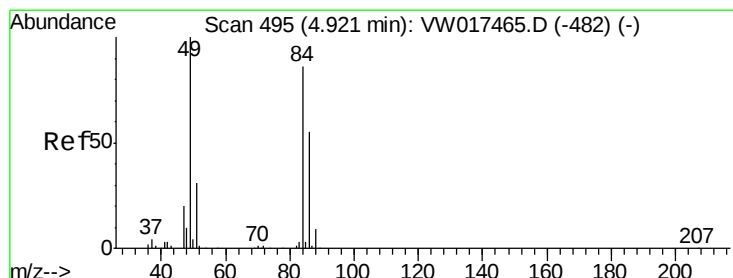
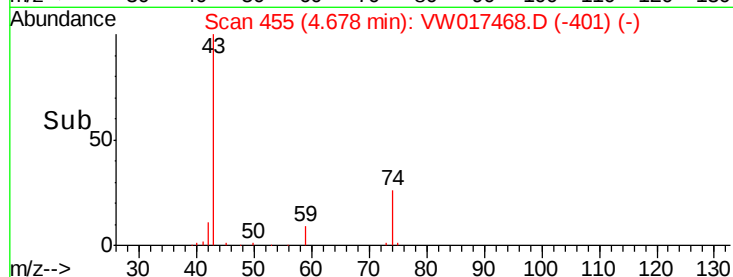
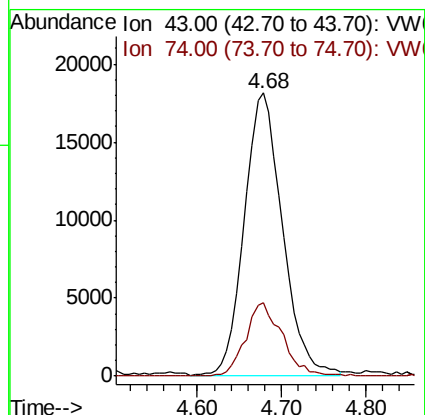
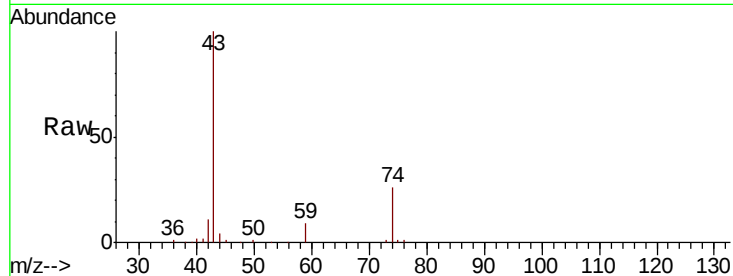




#15
Methvl Acetate
Concen: 29.824 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

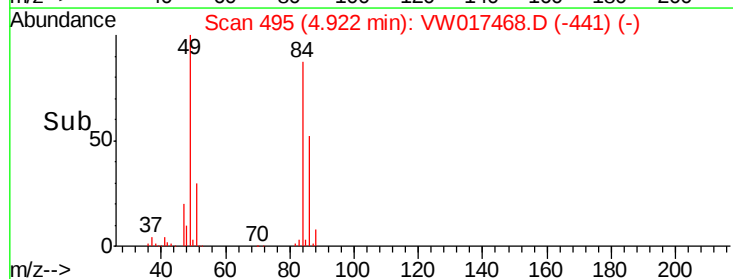
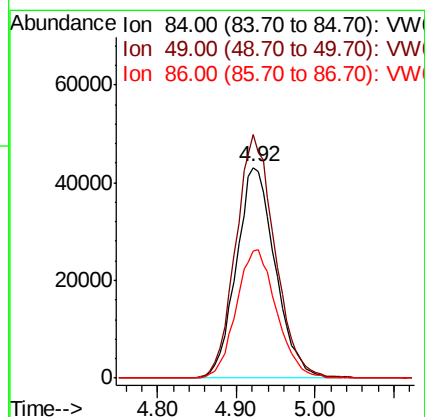
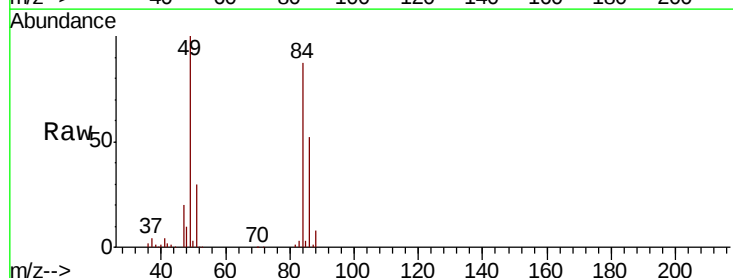
Instrument :
MSVOA_W
ClientSampled :

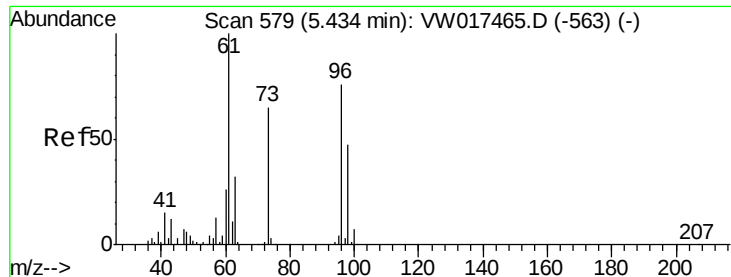
Tot Ion: 43 Resp: 55463
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1



#16
Methylene chloride
Concen: 24.712 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion: 84 Resp: 148490
Ion Ratio Lower Upper
84 100
49 115.5 81.2 150.8
86 60.4 44.5 82.7

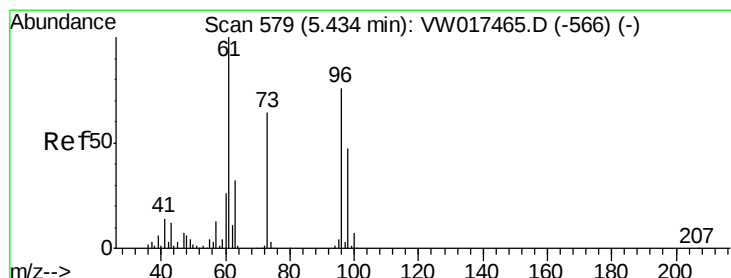
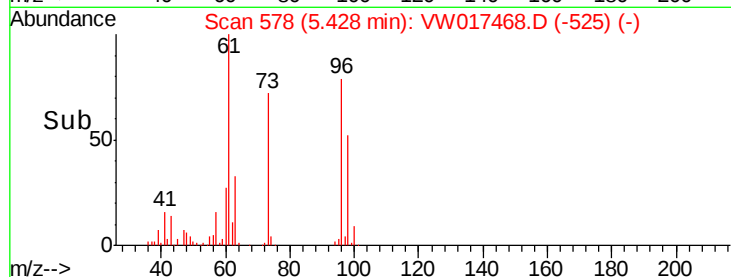
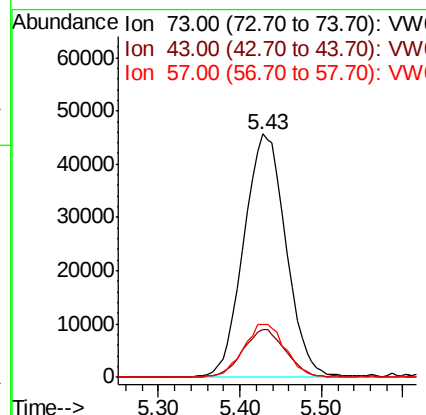
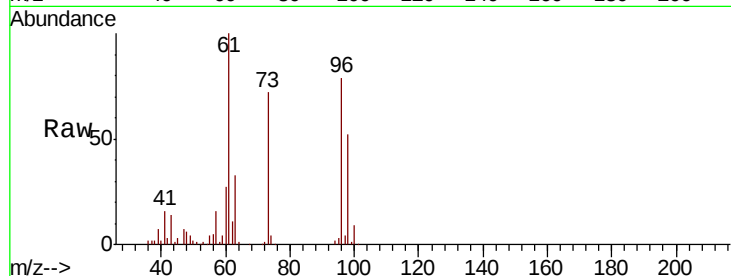




#17
Methvl tert-butvl Ether
Concen: 27.585 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

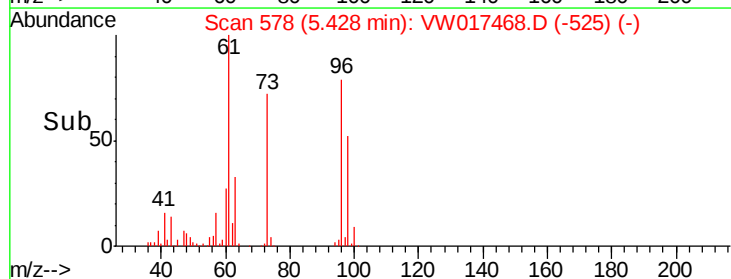
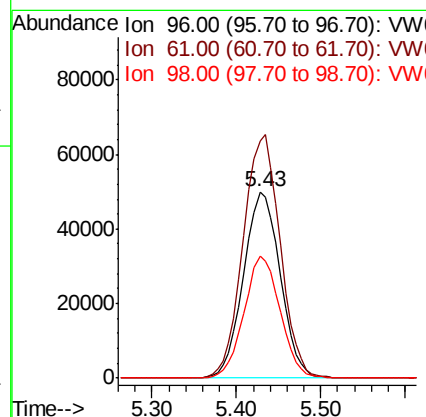
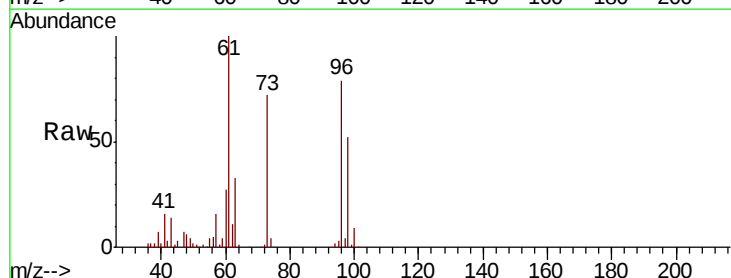
Instrument :
MSVOA_W
ClientSampled :

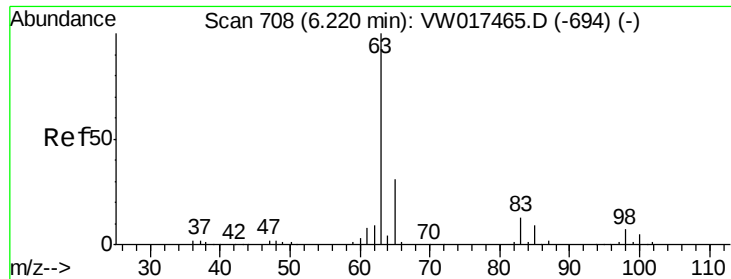
Tot Ion: 73 Resp: 164649
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 25.940 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion: 96 Resp: 147975
Ion Ratio Lower Upper
96 100
61 127.0 92.7 172.1
98 65.5 43.3 80.3

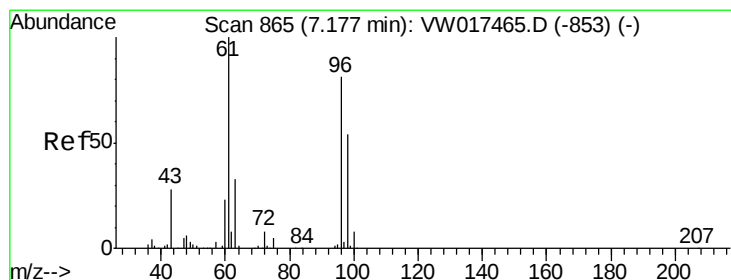
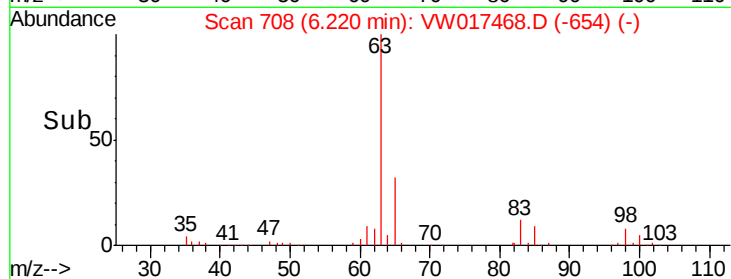
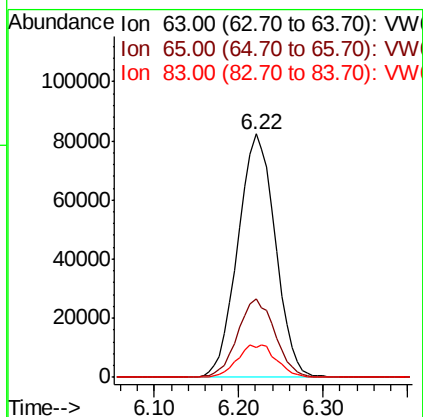
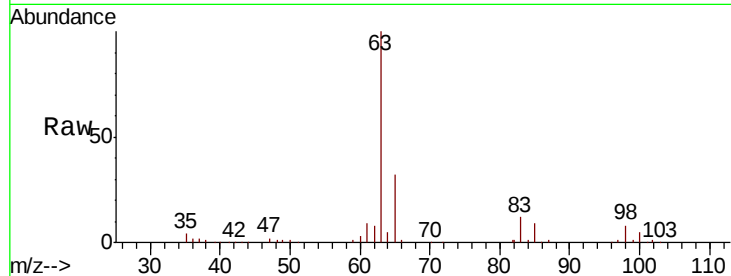




#19
 1,1-Dichloroethane
 Concen: 25.769 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

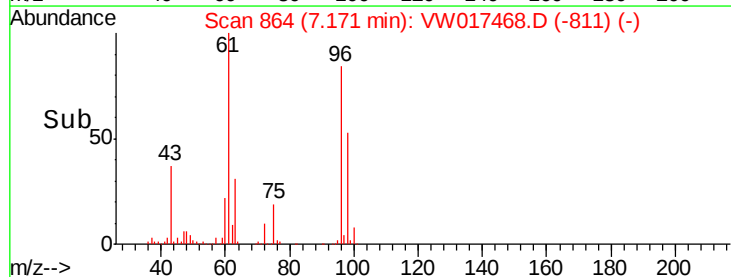
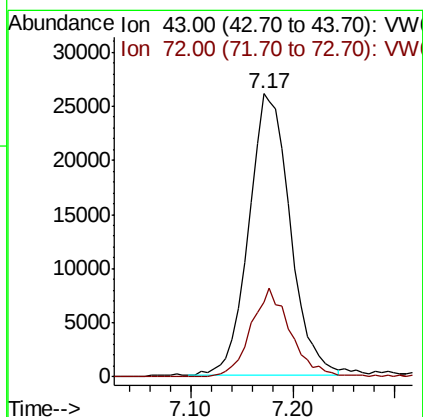
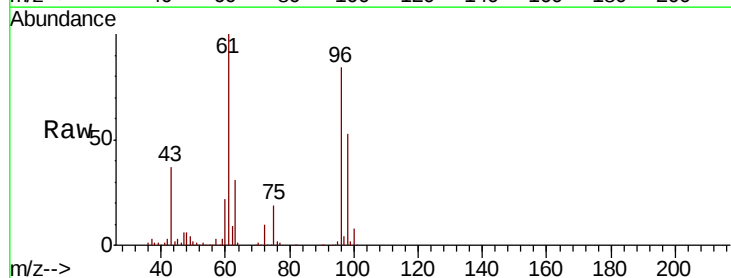
Instrument :
 MSVOA_W
 ClientSampled :

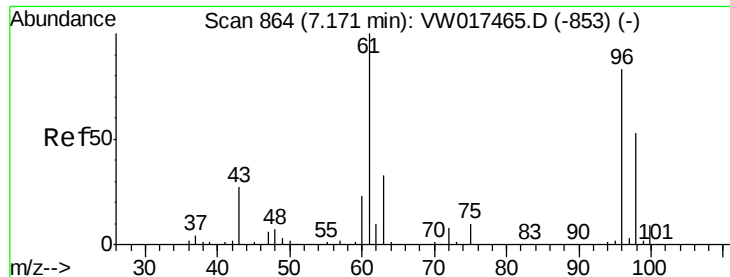
Tot Ion: 63 Resp: 248202
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.9 40.7
 83 12.4 9.4 17.6



#21
 2-Butanone
 Concen: 57.388 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion: 43 Resp: 73369
 Ion Ratio Lower Upper
 43 100
 72 30.1 14.4 43.2



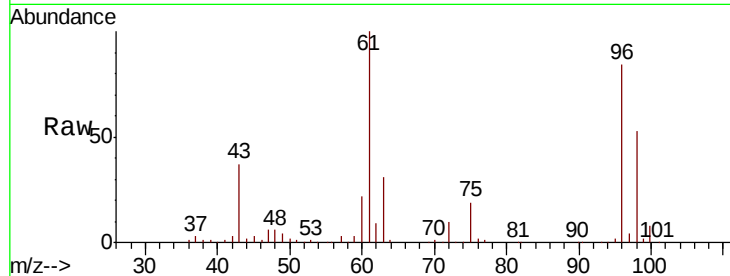


#22

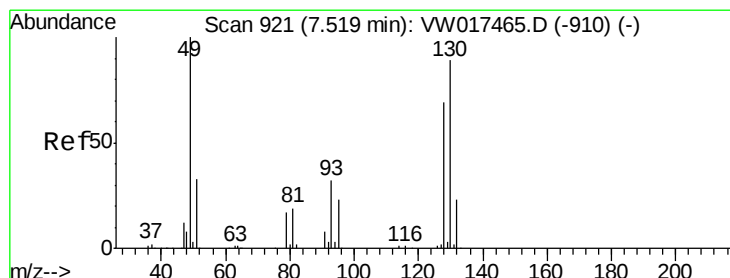
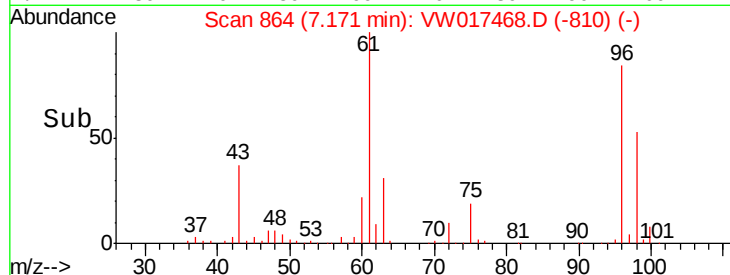
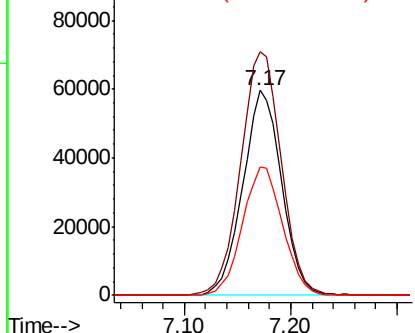
cis-1,2-Dichloroethene
Concen: 25.648 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 152655
Ion Ratio Lower Upper
96 100
61 118.9 84.6 157.2
98 62.7 44.7 82.9



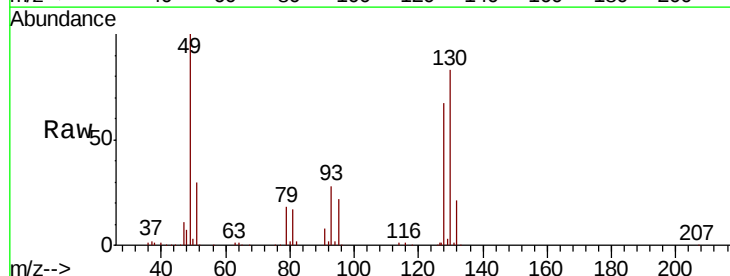
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



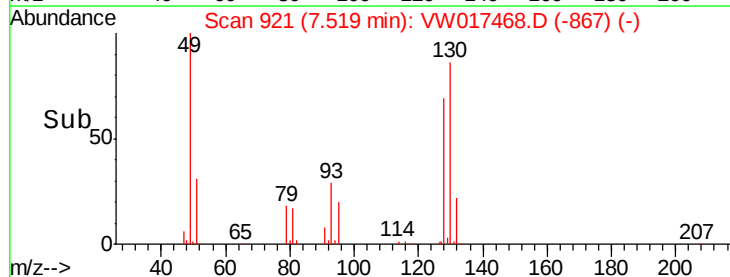
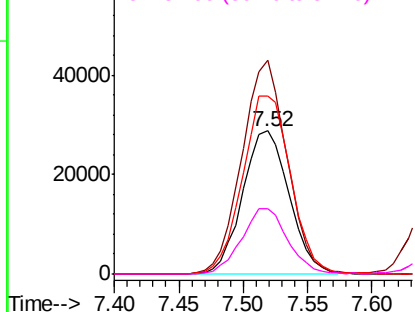
#23

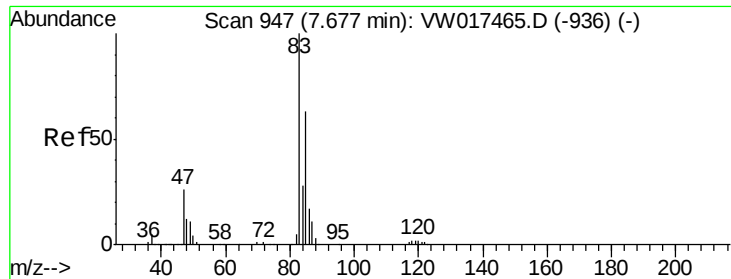
Bromochloromethane
Concen: 26.776 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion:128 Resp: 72393
Ion Ratio Lower Upper
128 100
49 149.1 101.6 188.6
130 124.0 90.4 167.8
51 45.4 37.7 56.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

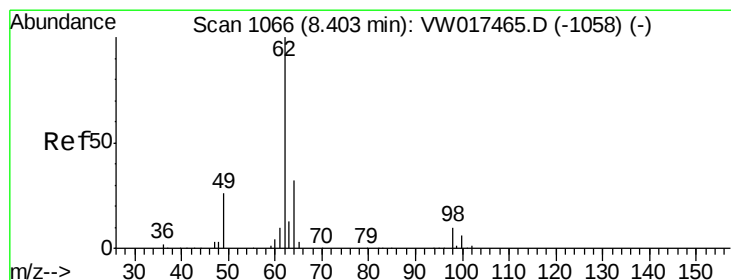
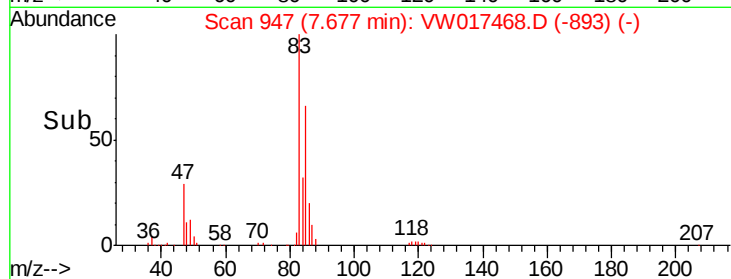
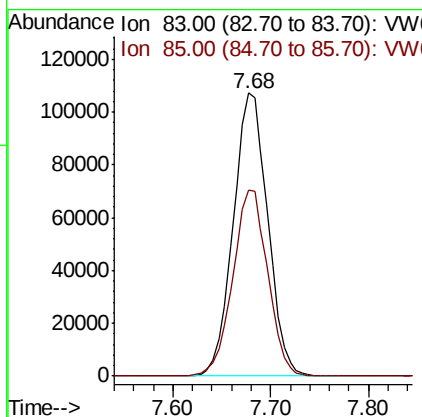
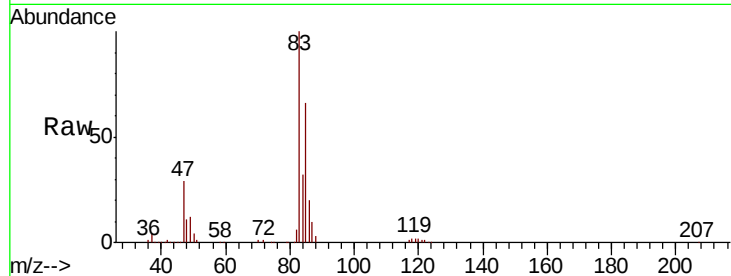




#25
 Chloroform
 Concen: 25.745 ug/L
 RT: 7.68 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

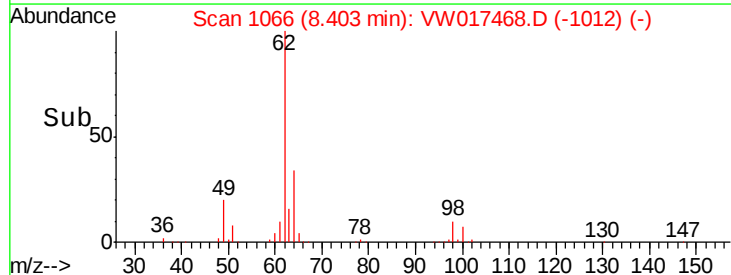
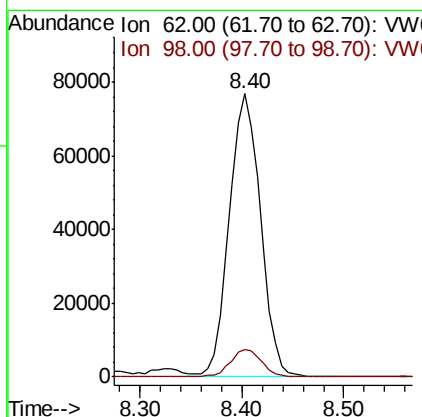
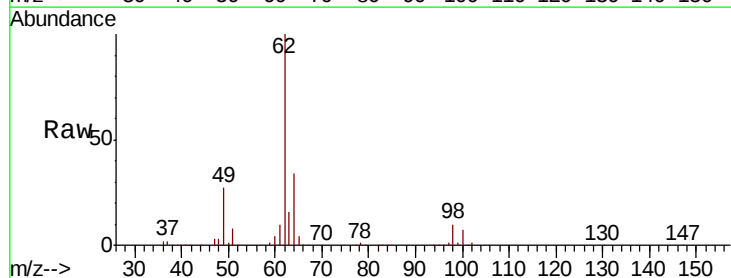
Instrument :
 MSVOA_W
 ClientSampleId :

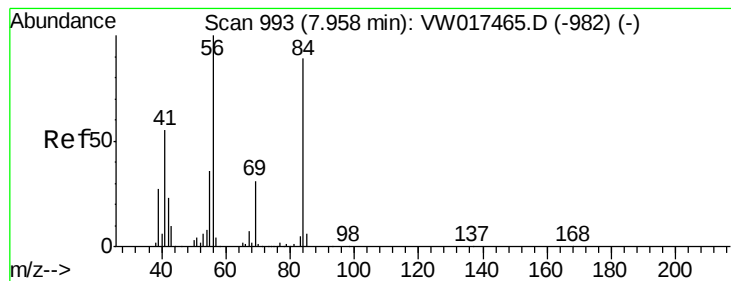
Tot Ion: 83 Resp: 261783
 Ion Ratio Lower Upper
 83 100
 85 66.8 45.7 84.9



#27
 1,2-Dichloroethane
 Concen: 26.680 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion: 62 Resp: 163385
 Ion Ratio Lower Upper
 62 100
 98 9.5 8.0 12.0





#30

Cyclohexane

Concen: 26.024 ug/L

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampled :

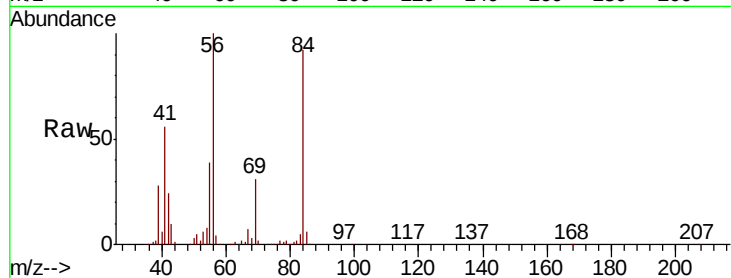
Tot Ion: 56 Resp: 226486

Ion Ratio Lower Upper

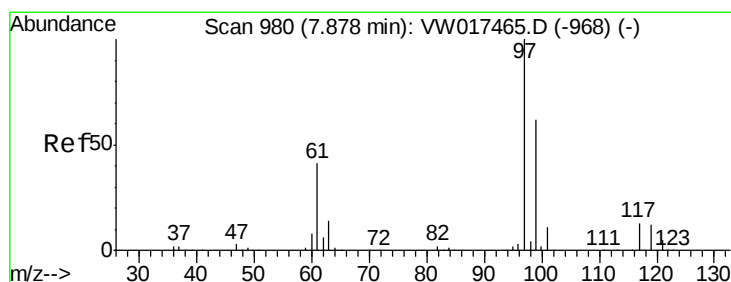
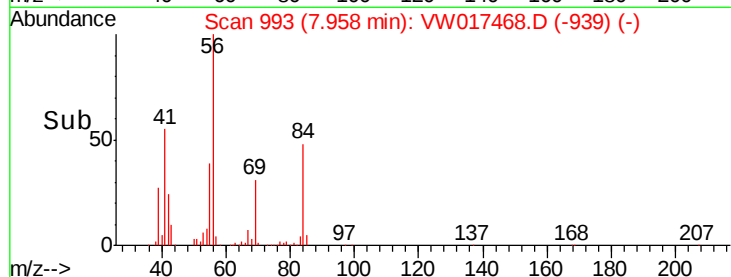
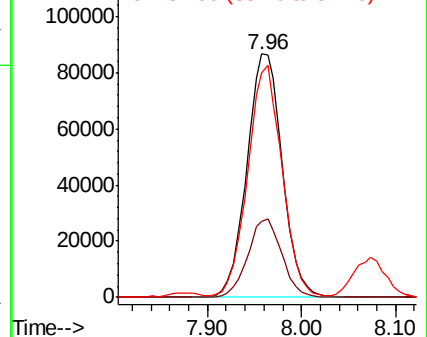
56 100

69 31.0 24.8 37.2

84 92.9 74.2 111.4



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



#31

1,1,1-Trichloroethane

Concen: 25.727 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

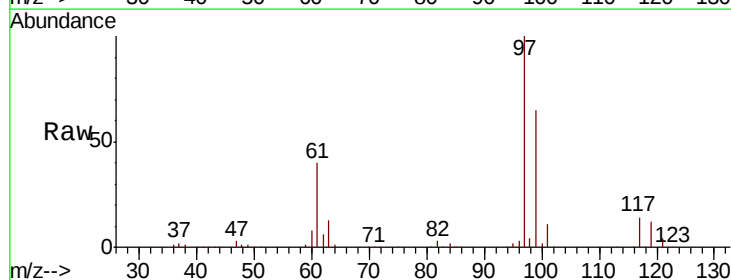
Tgt Ion: 97 Resp: 222156

Ion Ratio Lower Upper

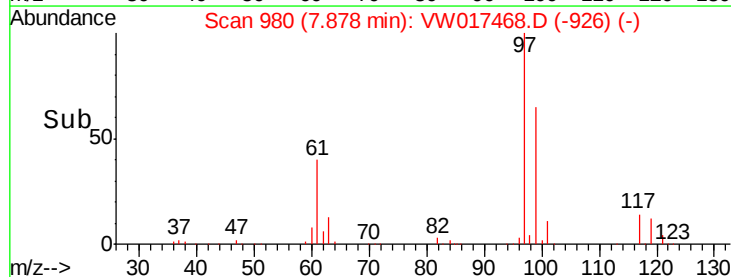
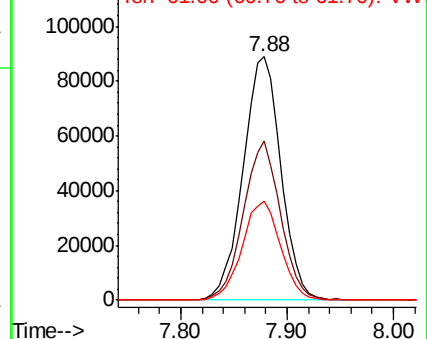
97 100

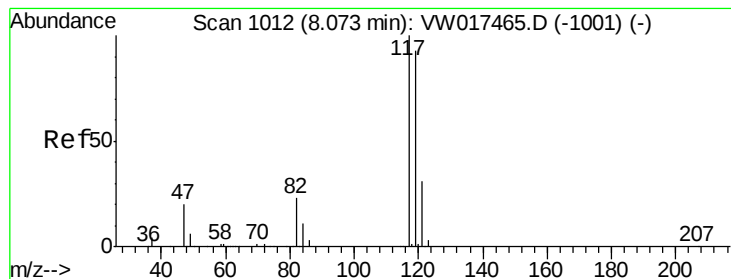
99 64.0 51.0 76.4

61 41.3 33.6 50.4



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: 26.069 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

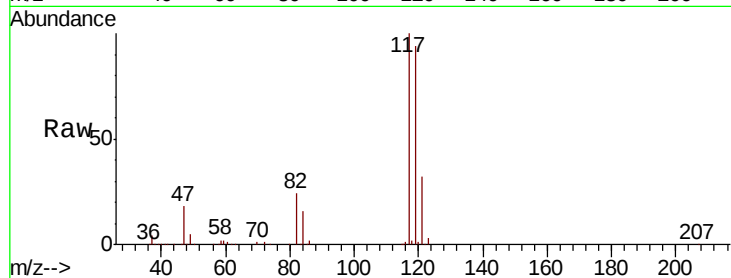
ClientSampled :

Tot Ion:117 Resp: 218583

Ion Ratio Lower Upper

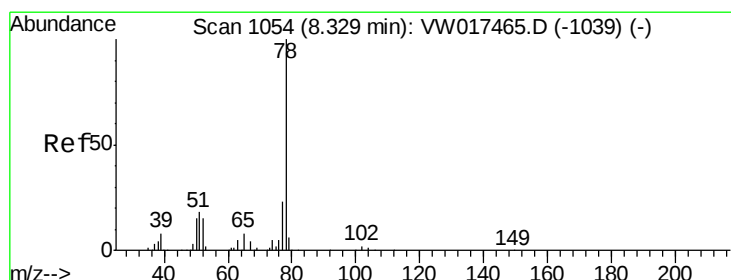
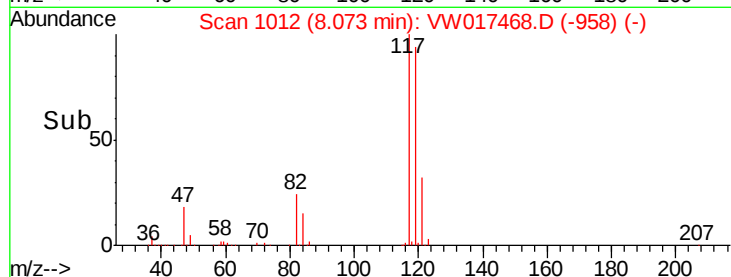
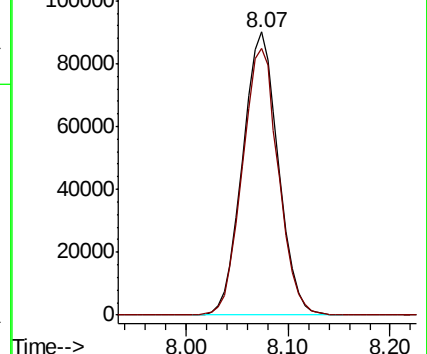
117 100

119 95.2 75.8 113.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.721 ug/L

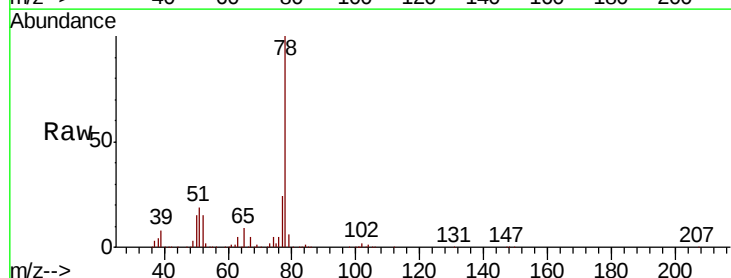
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

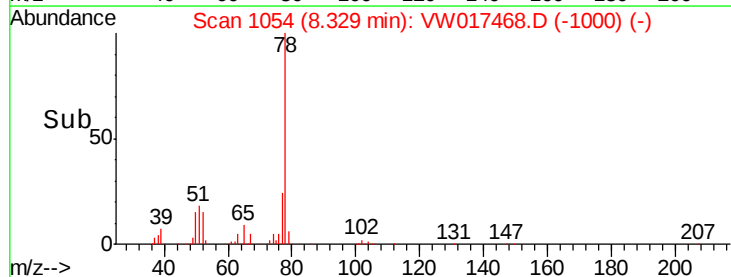
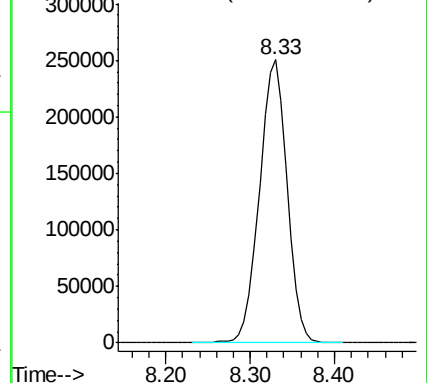
Lab File: VW017468.D

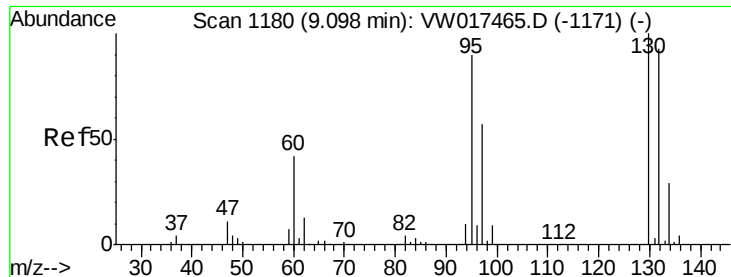
Acq: 24 Nov 2020 13:01

Tgt Ion: 78 Resp: 564029



Abundance Ion 78.00 (77.70 to 78.70): VW

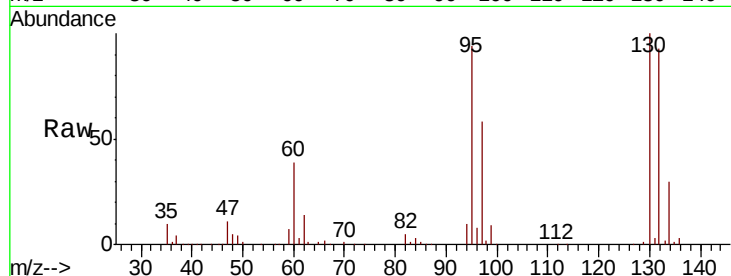




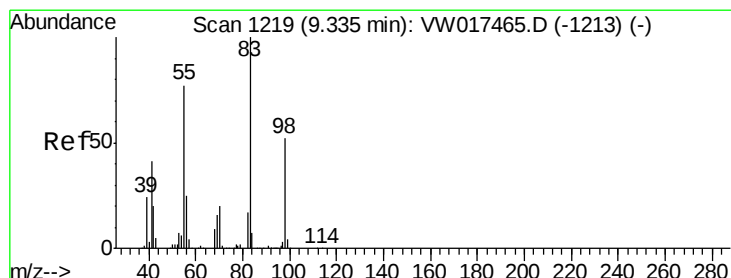
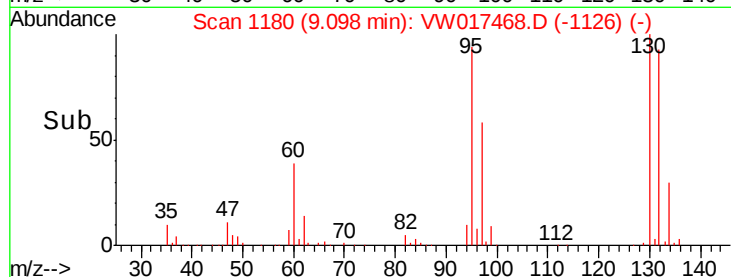
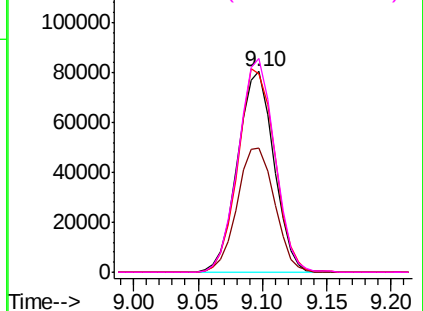
#35
 Trichloroethene
 Concen: 25.873 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 157288
 Ion Ratio Lower Upper
 95 100
 97 64.0 45.0 83.6
 132 102.7 71.0 131.8
 130 106.2 75.6 140.4

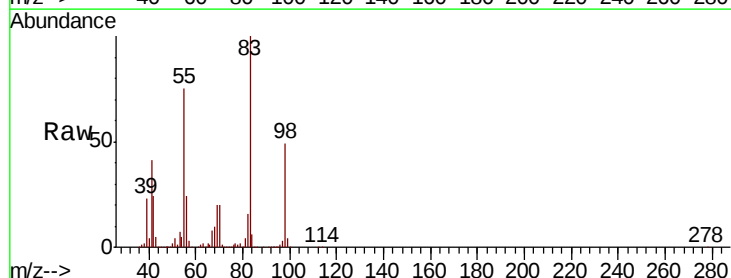


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

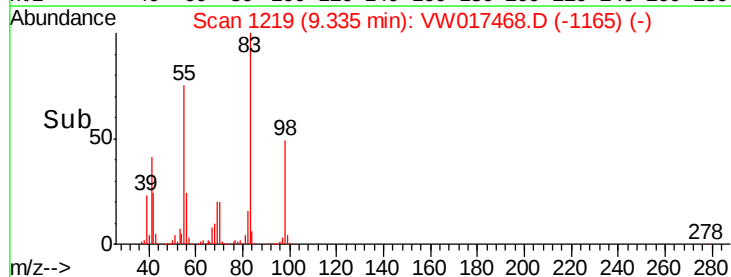
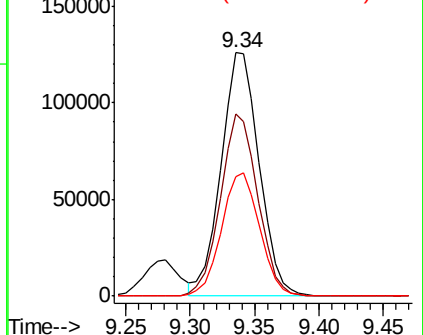


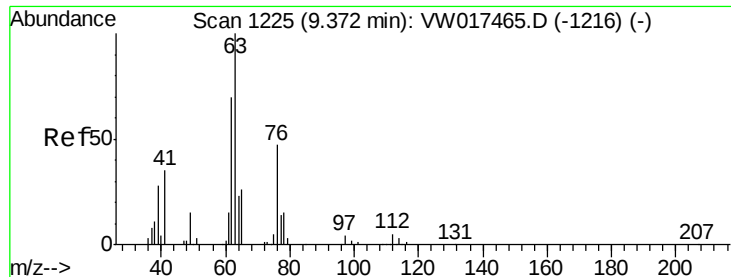
#36
 Methylcyclohexane
 Concen: 25.917 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion: 83 Resp: 260549
 Ion Ratio Lower Upper
 83 100
 55 73.5 59.4 89.0
 98 50.8 40.7 61.1



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

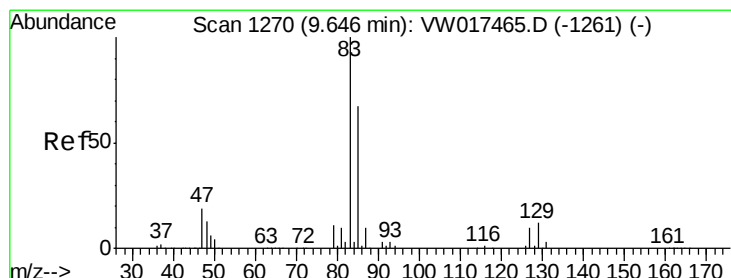
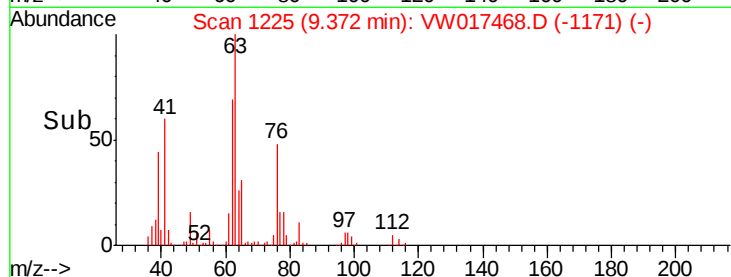
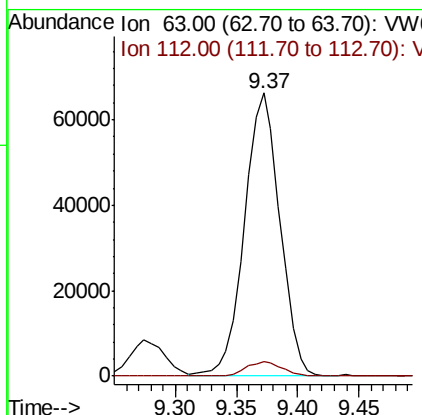
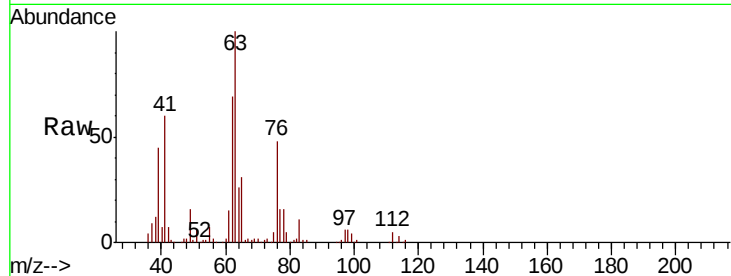




#40
 1,2-Dichloropropane
 Concen: 25.991 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

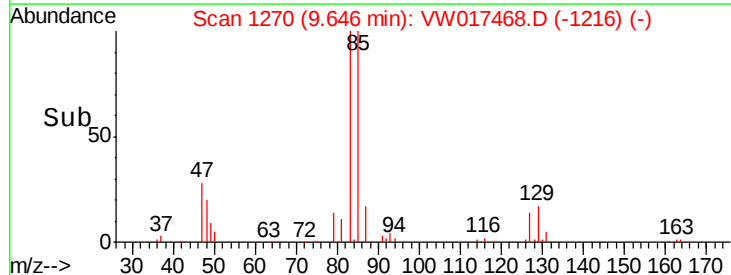
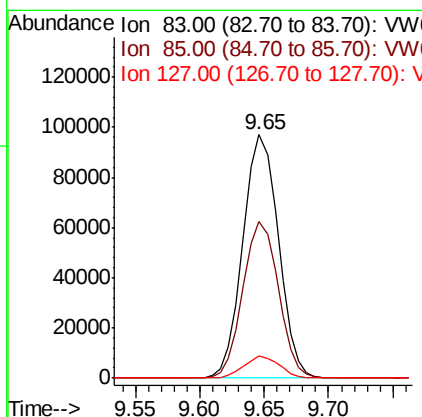
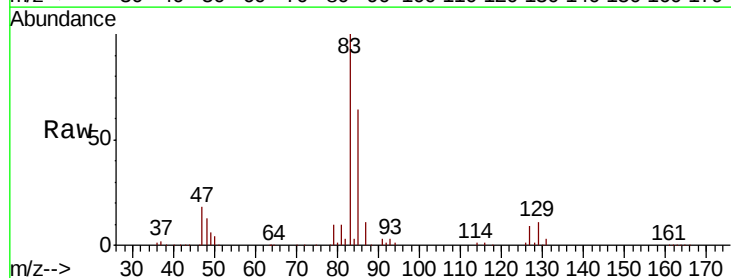
Instrument :
 MSVOA_W
 ClientSampled :

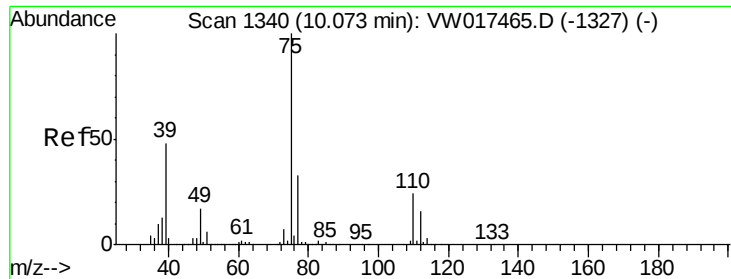
Tot Ion: 63 Resp: 133875
 Ion Ratio Lower Upper
 63 100
 112 5.2 4.2 6.4



#41
 Bromodichloromethane
 Concen: 26.162 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion: 83 Resp: 186188
 Ion Ratio Lower Upper
 83 100
 85 64.5 46.8 86.8
 127 9.3 7.6 11.4

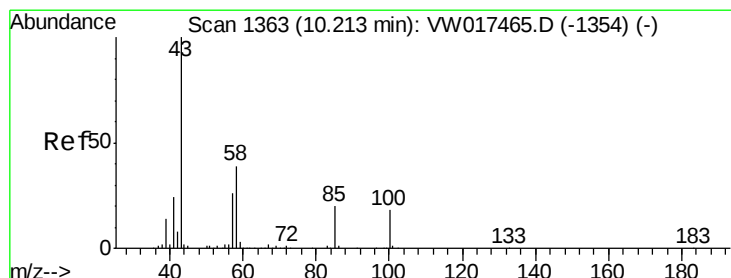
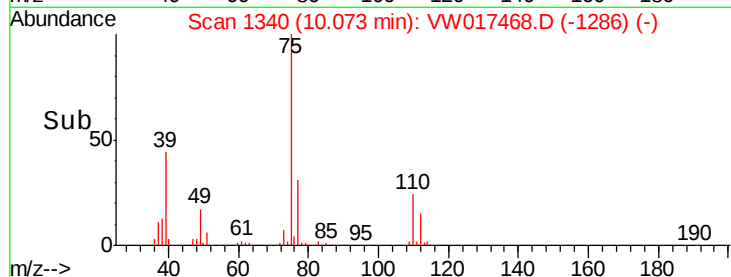
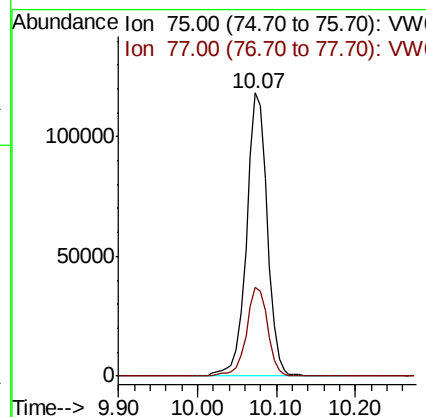
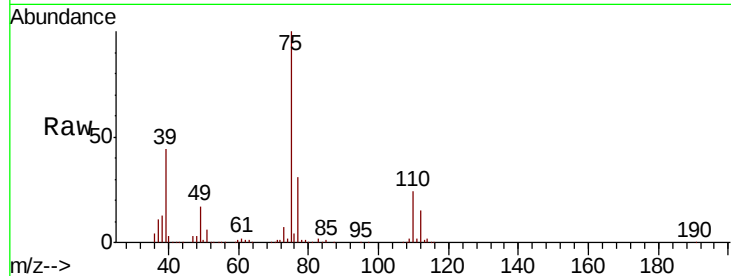




#42
 cis-1,3-Dichloropropene
 Concen: 27.056 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

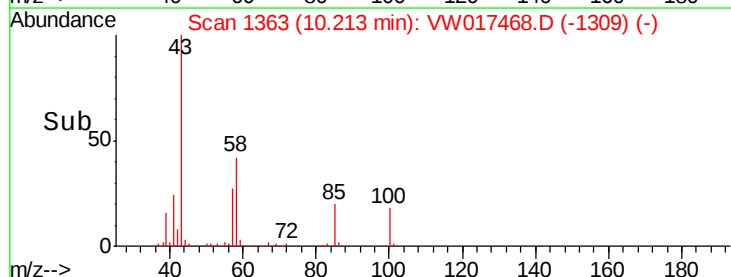
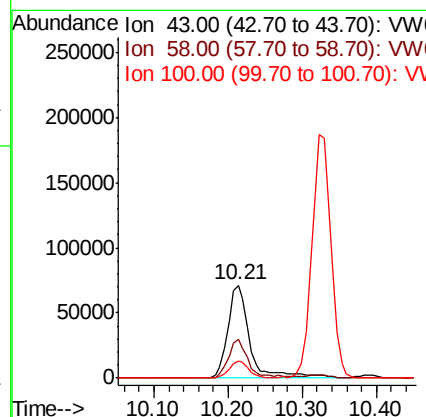
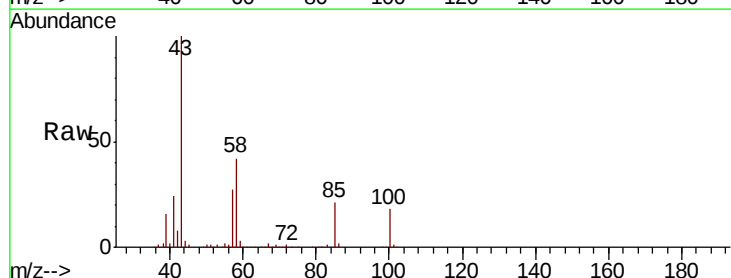
Instrument :
 MSVOA_W
 ClientSampled :

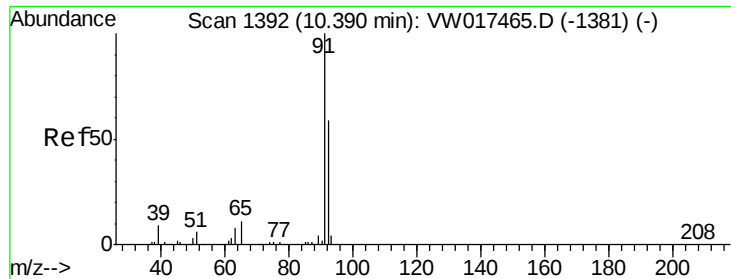
Tot Ion: 75 Resp: 215856
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.3



#43
 4-Methyl-2-pentanone
 Concen: 62.510 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion: 43 Resp: 148230
 Ion Ratio Lower Upper
 43 100
 58 35.0 31.6 47.4
 100 15.9 14.1 21.1





#44

Toluene

Concen: 25.971 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

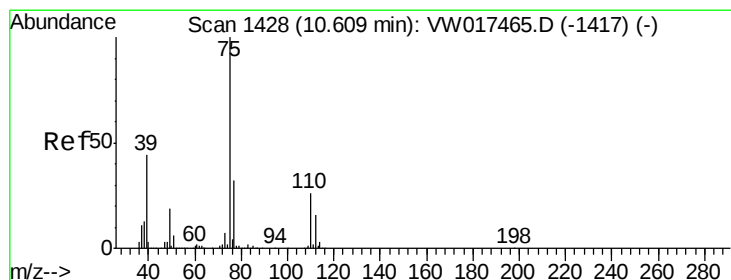
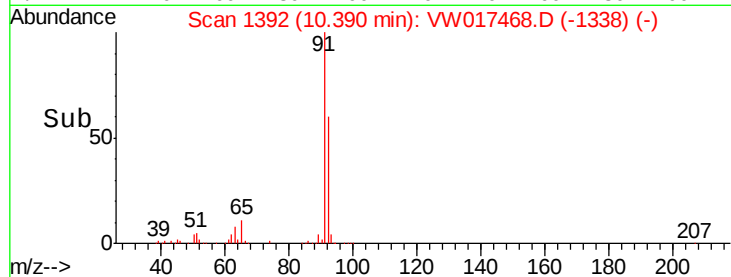
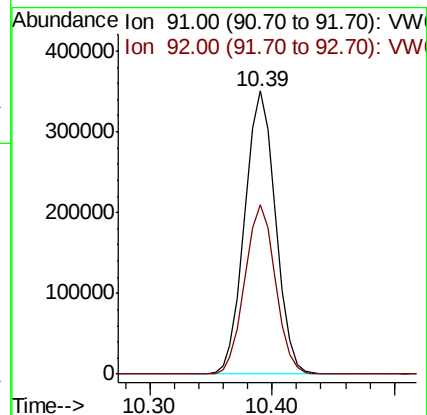
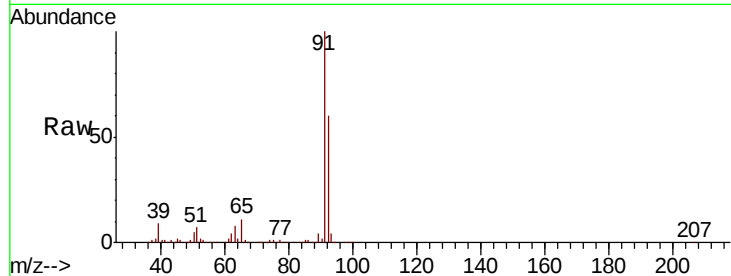
ClientSampled :

Tot Ion: 91 Resp: 612857

Ion Ratio Lower Upper

91 100

92 59.8 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 27.823 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017468.D

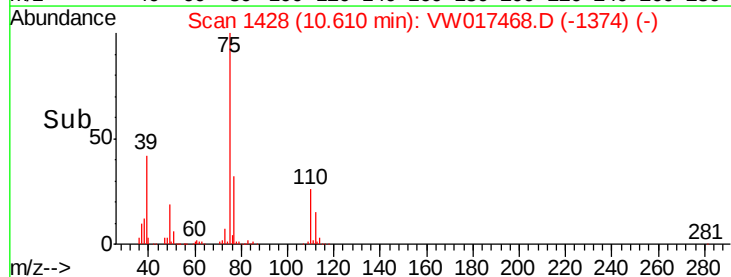
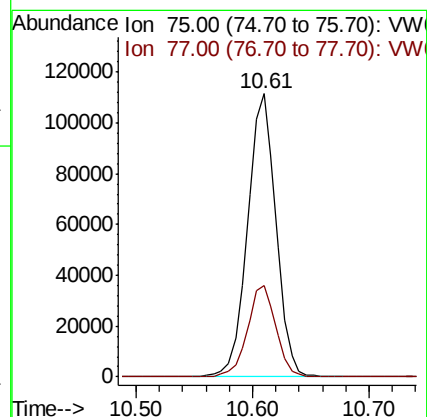
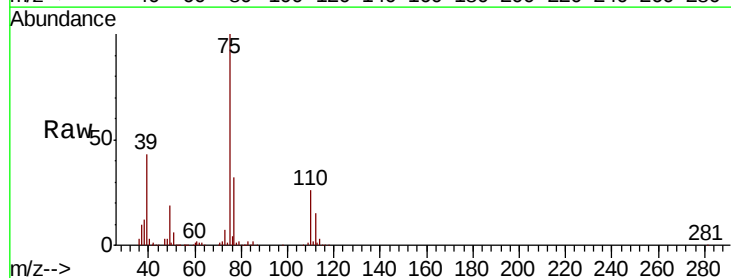
Acq: 24 Nov 2020 13:01

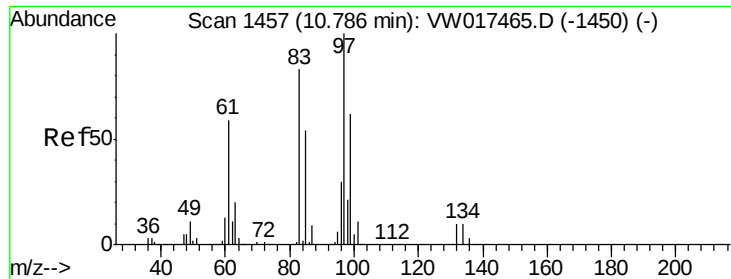
Tgt Ion: 75 Resp: 190216

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0

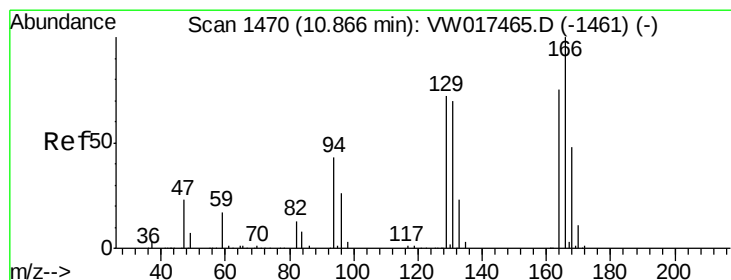
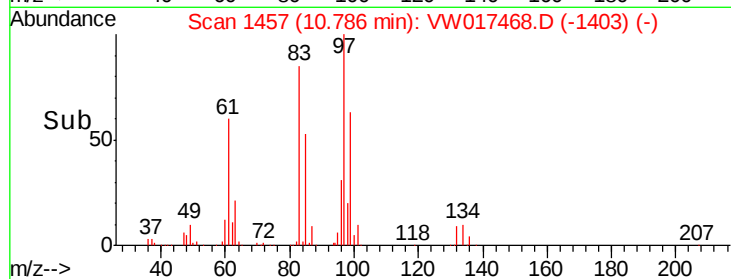
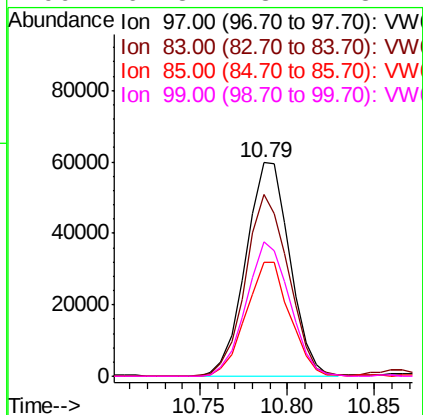
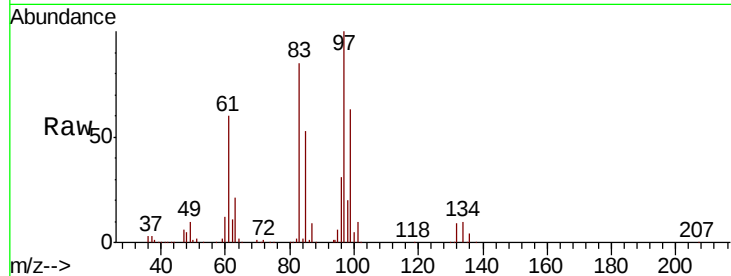




#46
 1,1,2-Trichloroethane
 Concen: 27.241 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

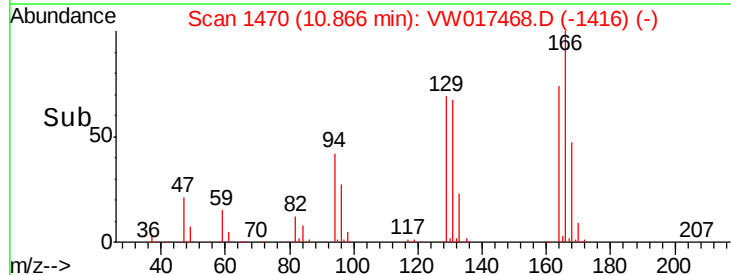
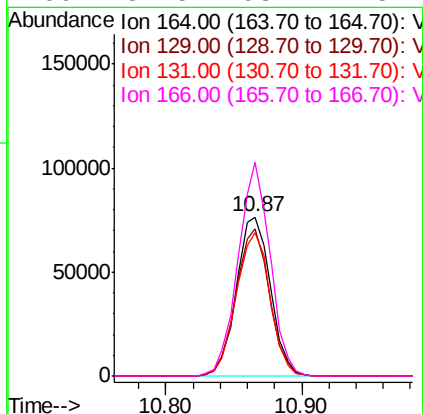
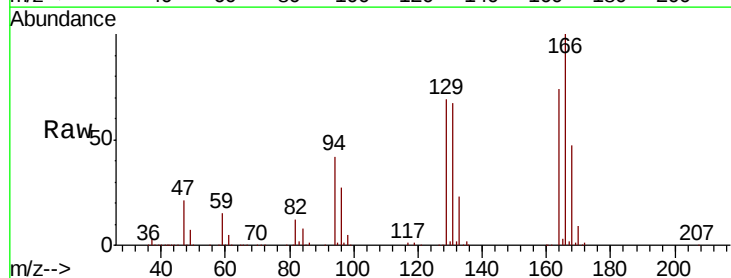
Instrument :
 MSVOA_W
 ClientSampleId :

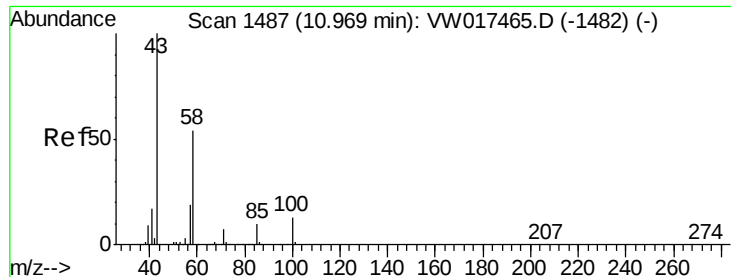
Tot Ion:	97	Resp:	105132
Ion	Ratio	Lower	Upper
97	100		
83	85.1	58.5	108.7
85	53.5	37.8	70.2
99	62.8	43.7	81.1



#47
 Tetrachloroethene
 Concen: 25.765 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion:	164	Resp:	133455
Ion	Ratio	Lower	Upper
164	100		
129	93.0	67.6	125.6
131	90.1	65.2	121.2
166	134.5	93.2	173.2

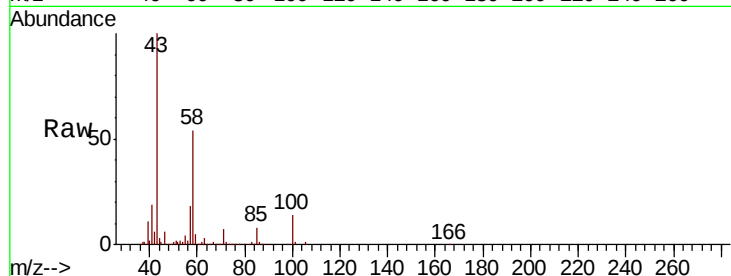




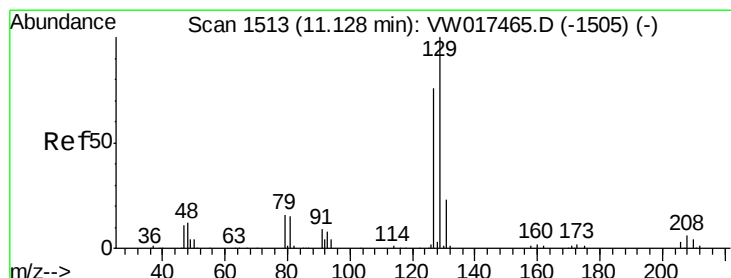
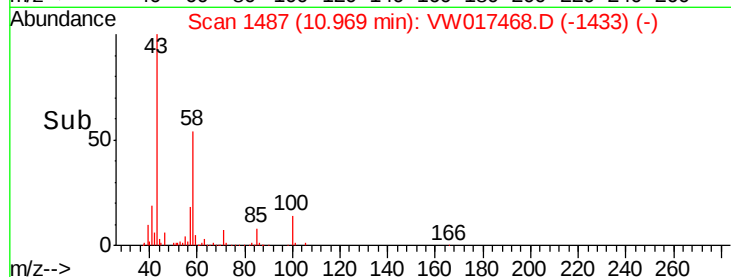
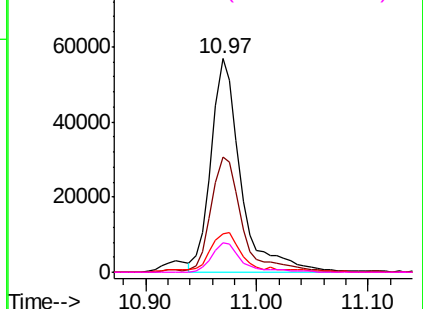
#49
2-Hexanone
Concen: 63.473 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 106296
Ion Ratio Lower Upper
43 100
58 56.2 51.3 76.9
57 16.6 15.0 22.6
100 12.8 12.2 18.2

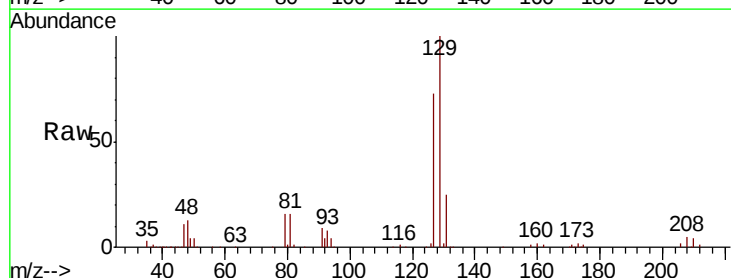


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

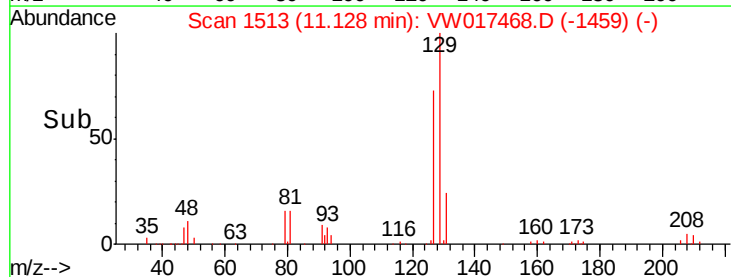
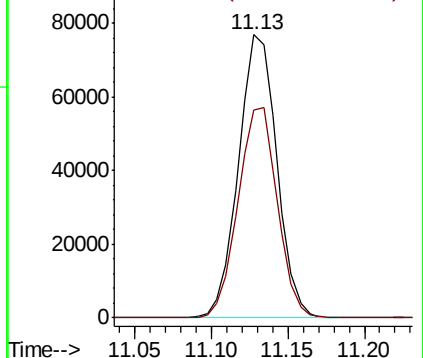


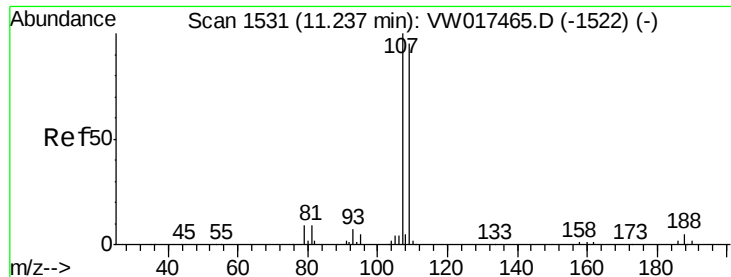
#50
Dibromochloromethane
Concen: 27.851 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion: 129 Resp: 134265
Ion Ratio Lower Upper
129 100
127 73.3 53.2 98.8



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

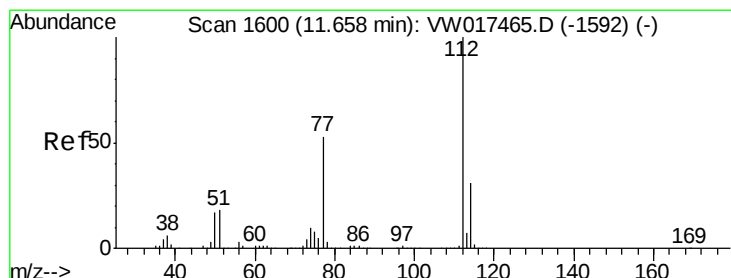
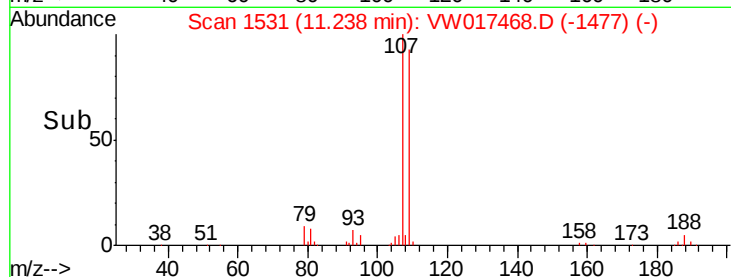
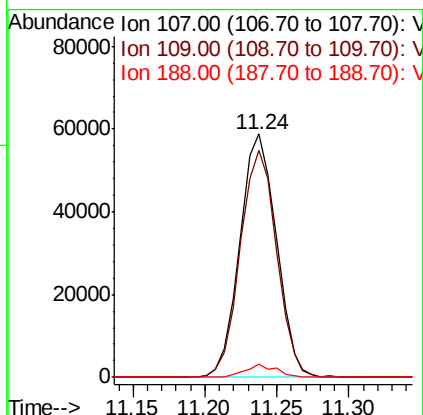
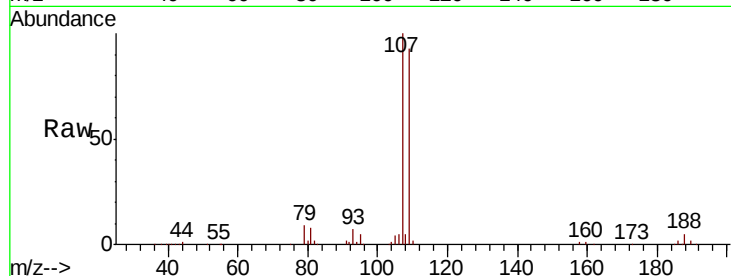




#51
1,2-Dibromoethane
Concen: 28.051 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

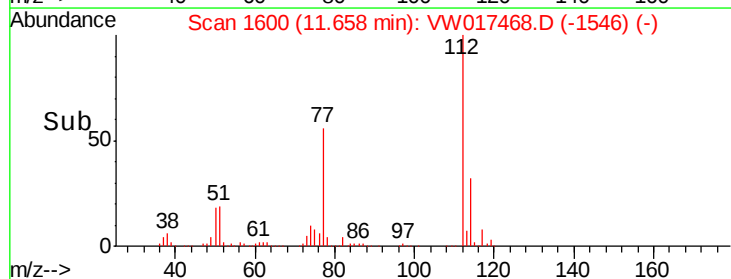
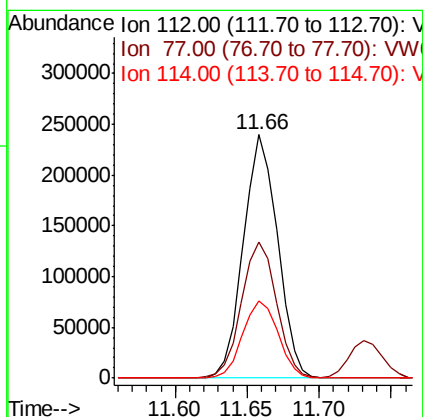
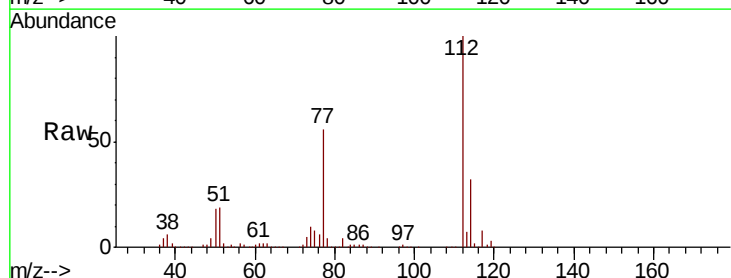
Instrument :
MSVOA_W
ClientSampleId :

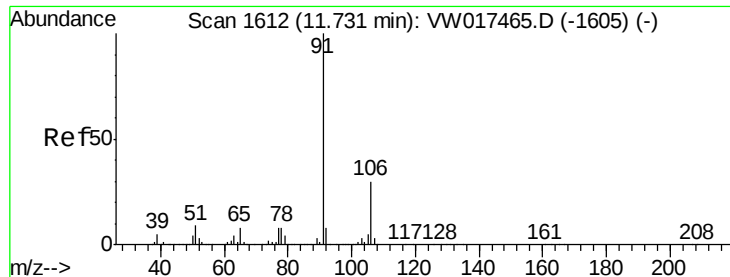
Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	66.4	123.2
188	5.3	4.0	6.0



#52
Chlorobenzene
Concen: 25.519 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
77	56.0	42.6	64.0
114	31.9	21.6	40.2





#53

Ethylbenzene

Concen: 25.944 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

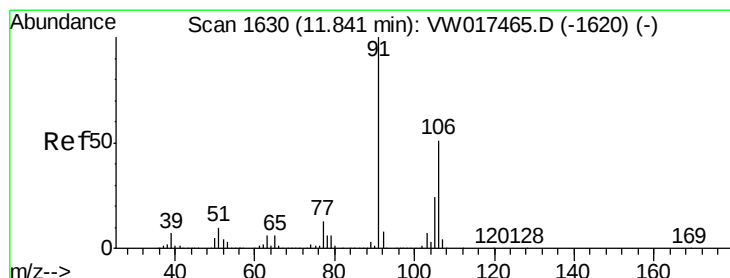
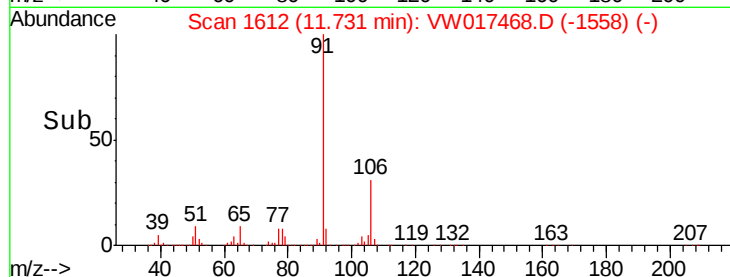
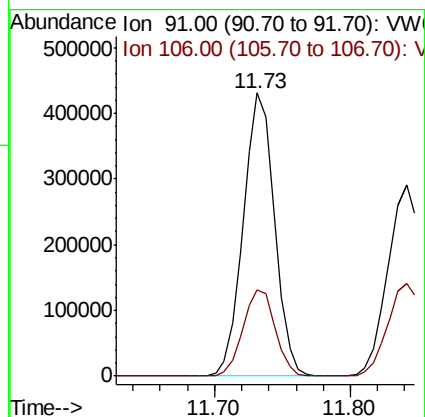
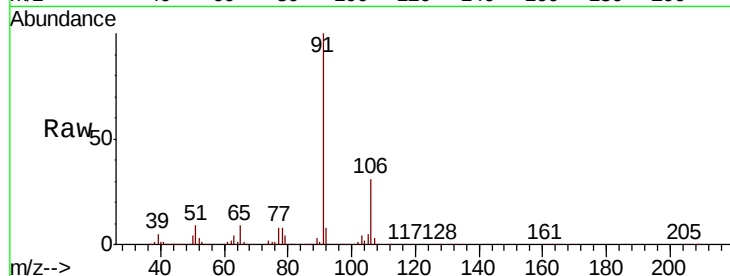
ClientSampled :

Tot Ion: 91 Resp: 694131

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1



#54

m,p-Xylene

Concen: 26.078 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW017468.D

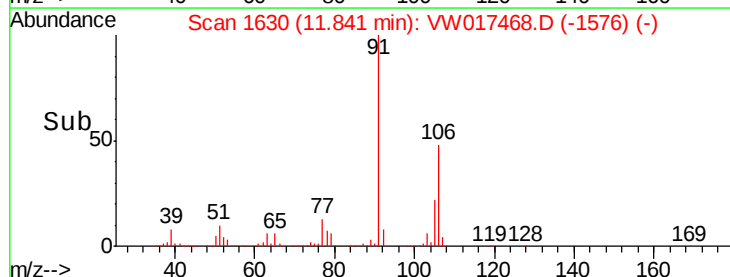
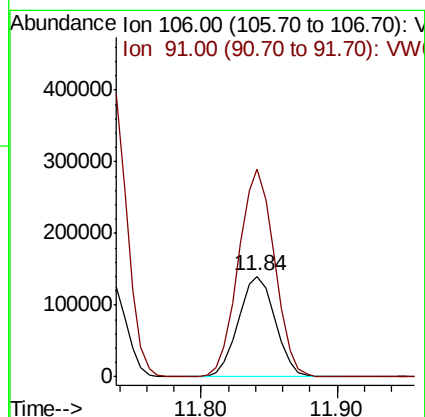
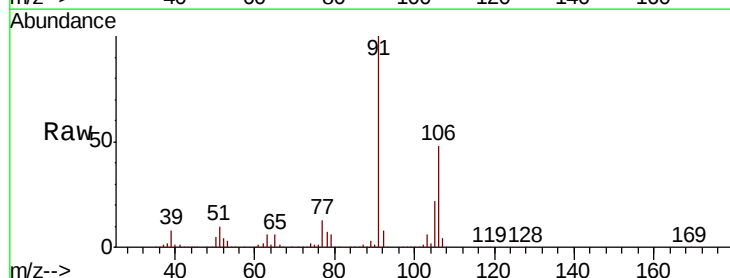
Acq: 24 Nov 2020 13:01

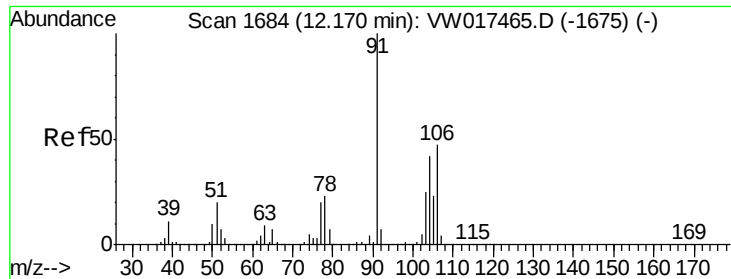
Tgt Ion: 106 Resp: 266202

Ion Ratio Lower Upper

106 100

91 206.7 136.4 253.4

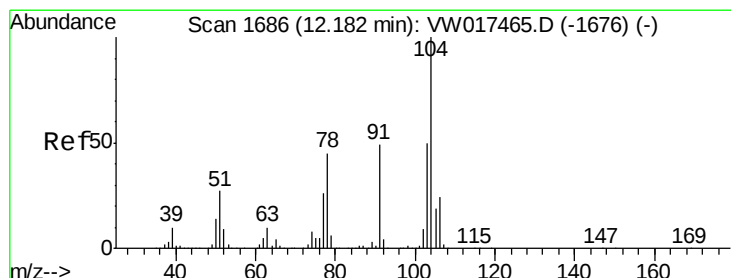
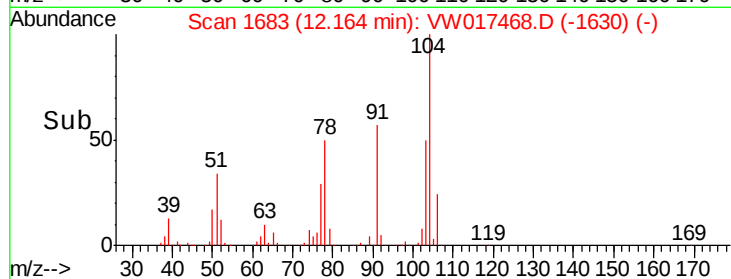
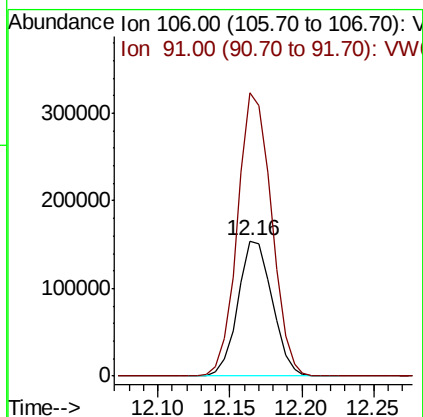
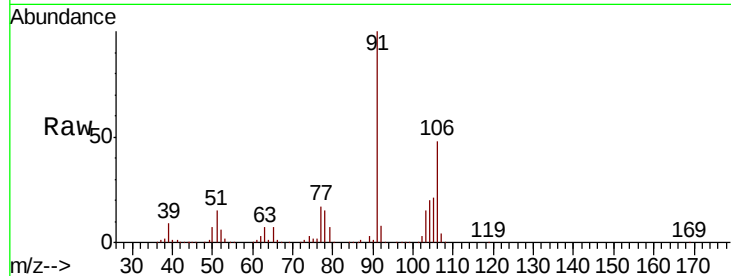




#55
o-xylene
Concen: 26.870 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

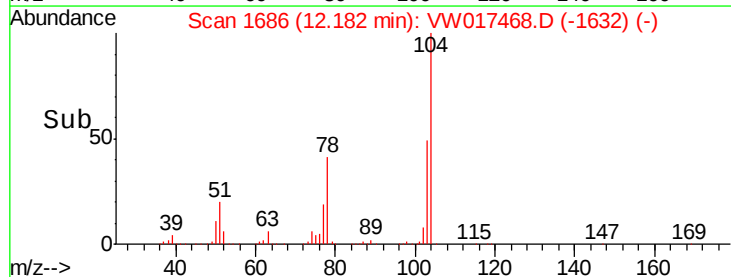
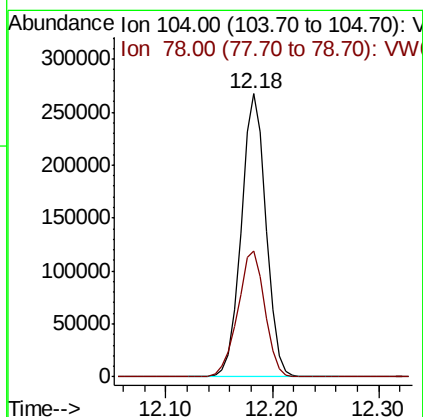
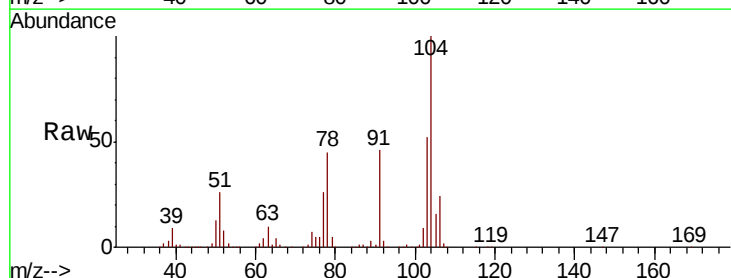
Instrument :
MSVOA_W
ClientSampled :

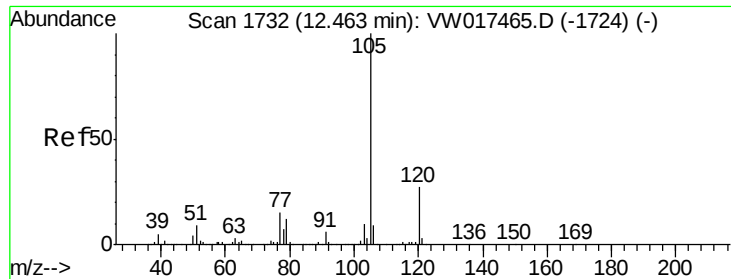
Tot Ion:106 Resp: 255466
Ion Ratio Lower Upper
106 100
91 209.2 147.6 274.2



#56
Styrene
Concen: 27.217 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017468.D
Acq: 24 Nov 2020 13:01

Tgt Ion:104 Resp: 435314
Ion Ratio Lower Upper
104 100
78 44.6 31.3 58.1





#57

Isopropylbenzene

Concen: 27.024 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW017468.D

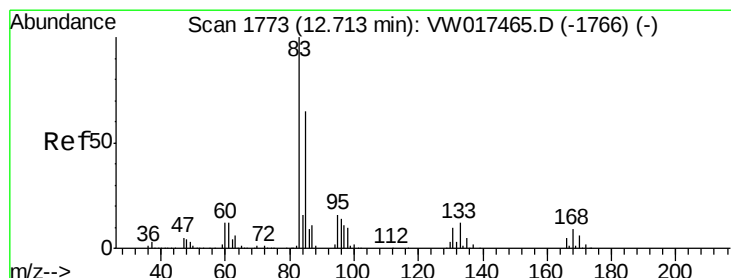
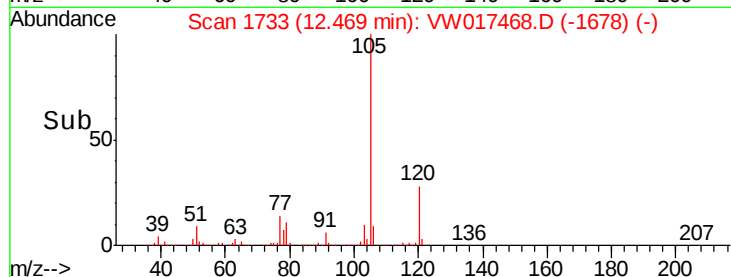
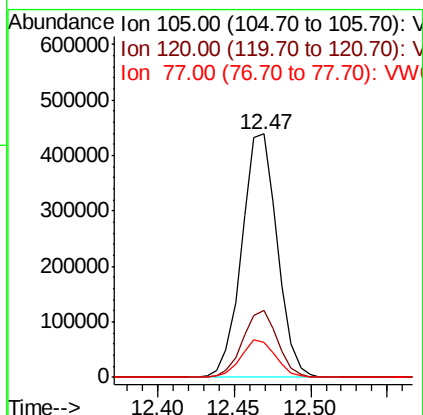
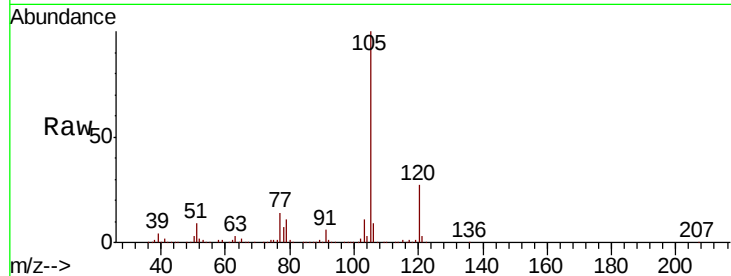
Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	105	Resp:	705731
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.2
77	14.9	12.1	18.1



#58

1,1,2,2-Tetrachloroethane

Concen: 28.270 ug/L

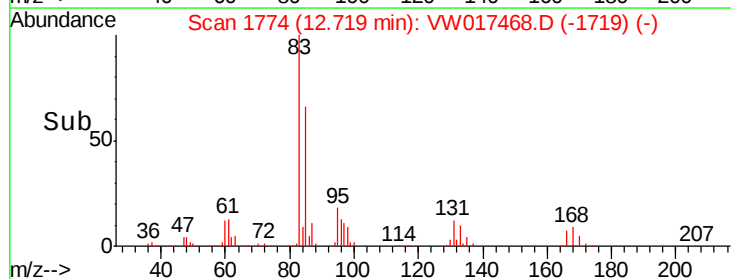
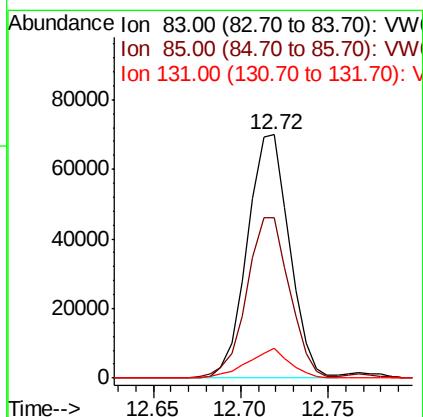
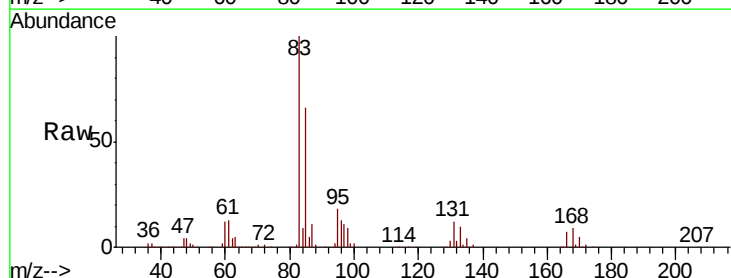
RT: 12.72 min Scan# 1774

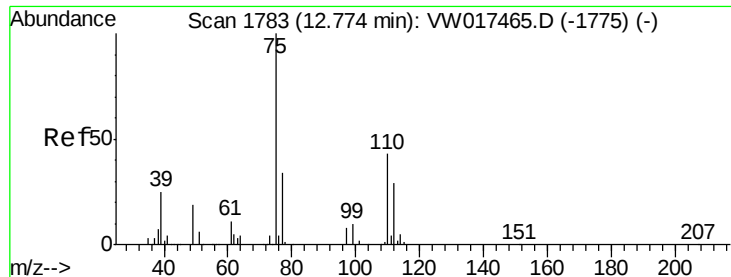
Delta R.T. 0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Tgt Ion:	83	Resp:	117431
Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.3	84.1
131	12.2	8.3	12.5





#59

1,2,3-Trichloropropane

Concen: 28.785 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

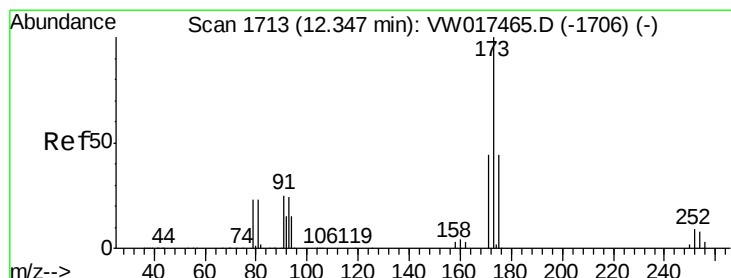
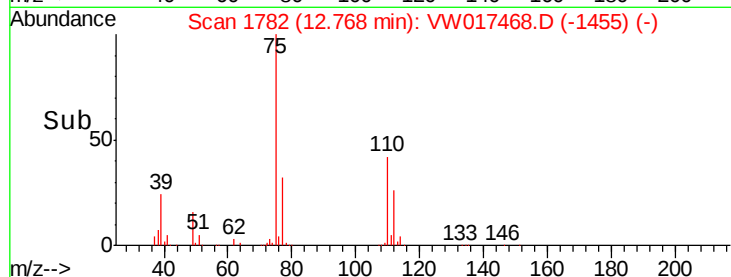
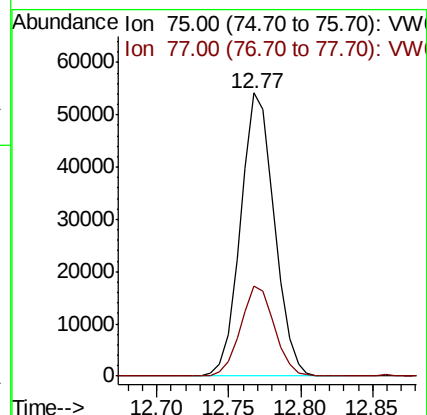
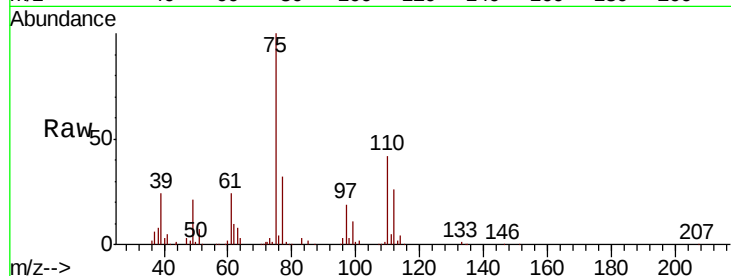
ClientSampleId :

Tot Ion: 75 Resp: 88256

Ion Ratio Lower Upper

75 100

77 31.8 26.6 39.8



#62

Bromoform

Concen: 27.422 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

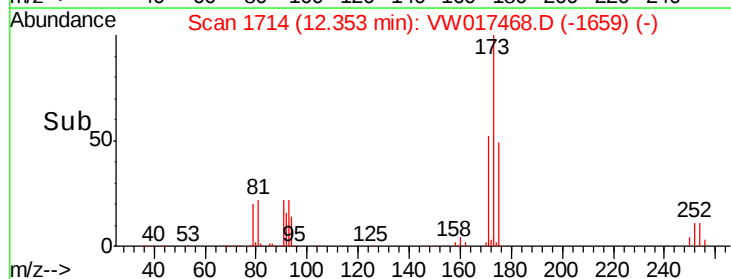
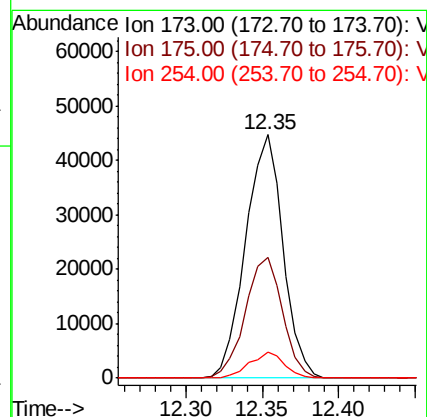
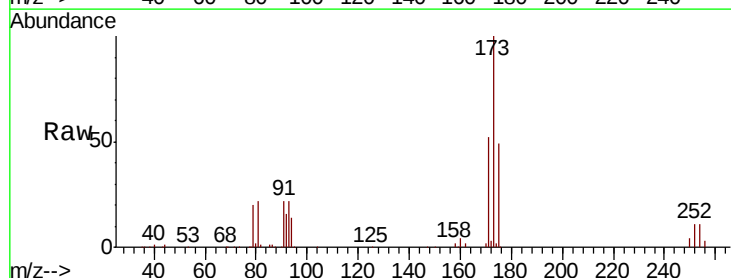
Tgt Ion: 173 Resp: 75894

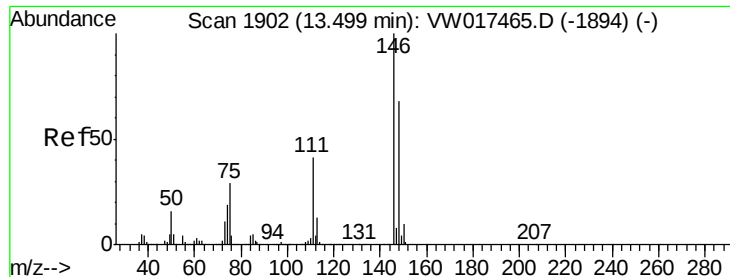
Ion Ratio Lower Upper

173 100

175 49.4 39.1 58.7

254 9.8 7.1 10.7

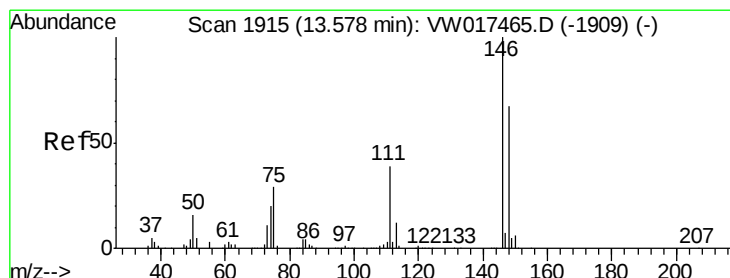
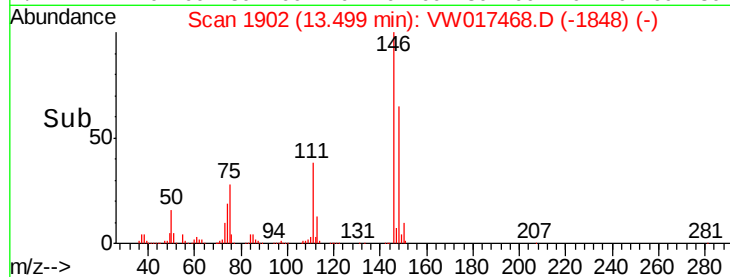
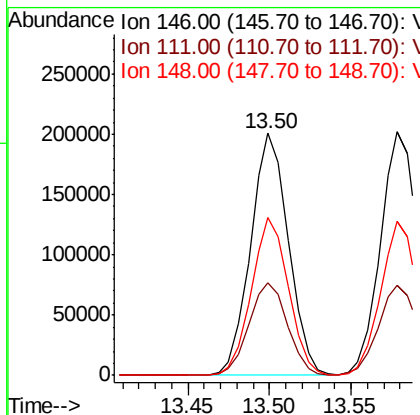
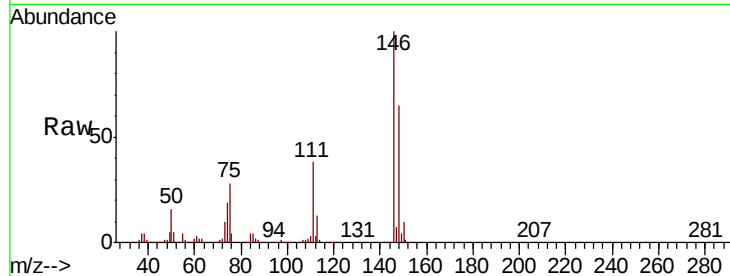




#63
 1,3-Dichlorobenzene
 Concen: 25.655 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

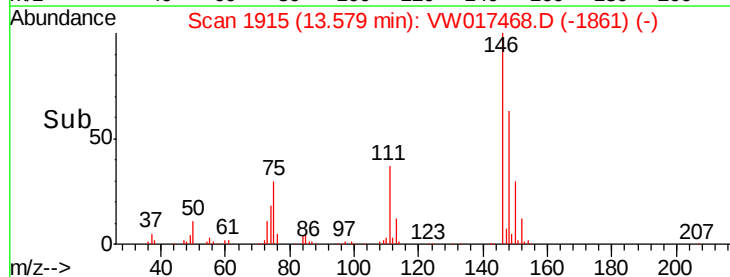
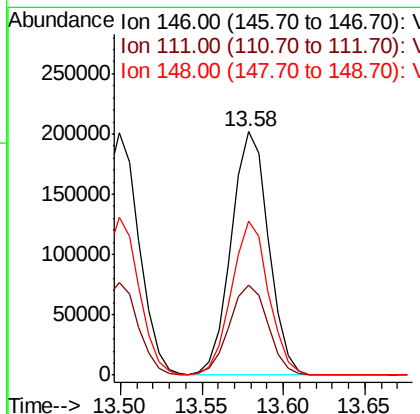
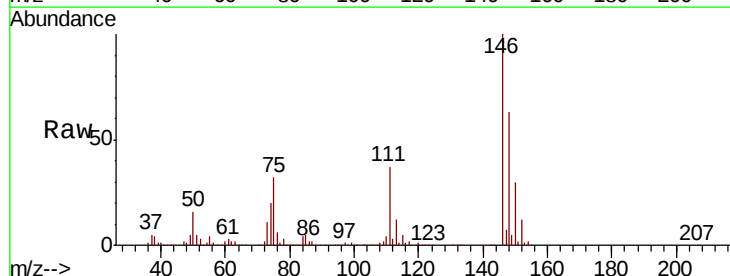
Instrument :
 MSVOA_W
 ClientSampled :

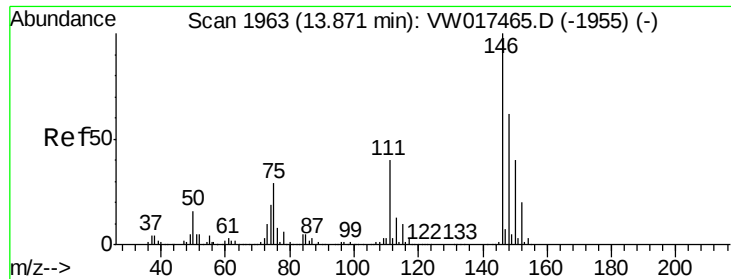
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	28.5	52.9
148	65.1	47.8	88.8



#64
 1,4-Dichlorobenzene
 Concen: 25.889 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.7	51.5
148	63.2	47.0	87.2





#65

1,2-Dichlorobenzene

Concen: 26.729 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampleId :

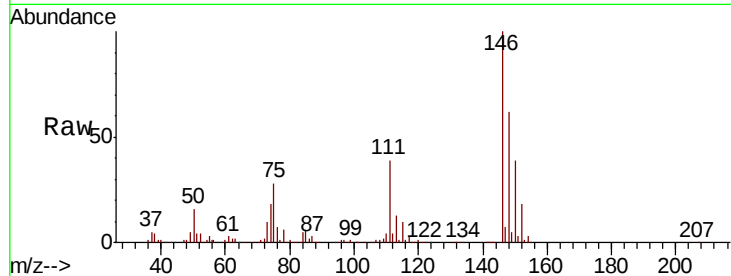
Tot Ion:146 Resp: 293081

Ion Ratio Lower Upper

146 100

111 39.2 31.7 47.5

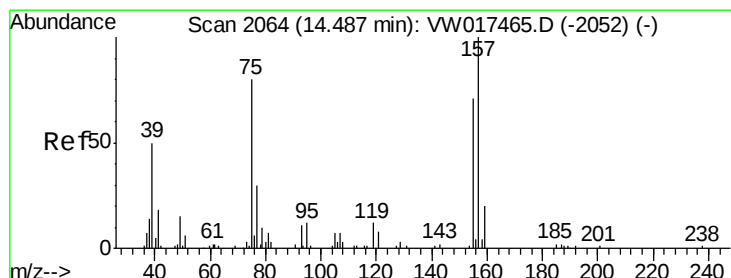
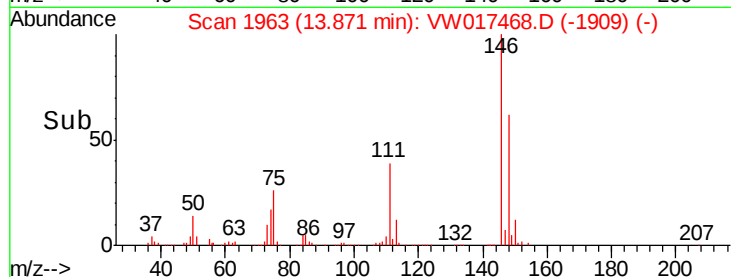
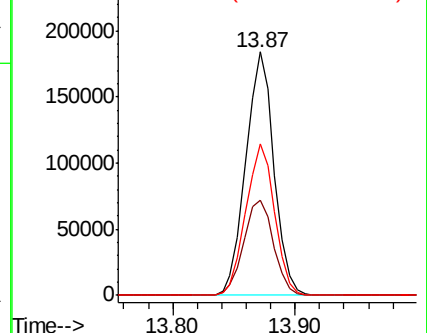
148 62.4 49.3 73.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 27.368 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

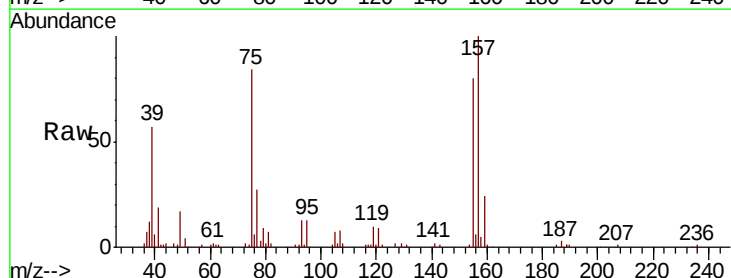
Tgt Ion: 75 Resp: 19321

Ion Ratio Lower Upper

75 100

157 119.5 99.9 149.9

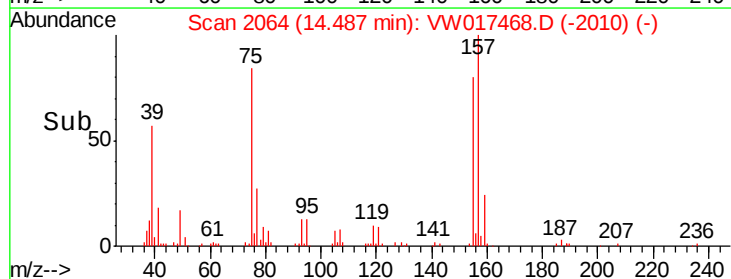
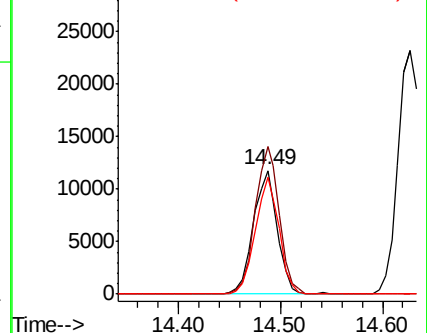
155 95.0 71.4 107.0

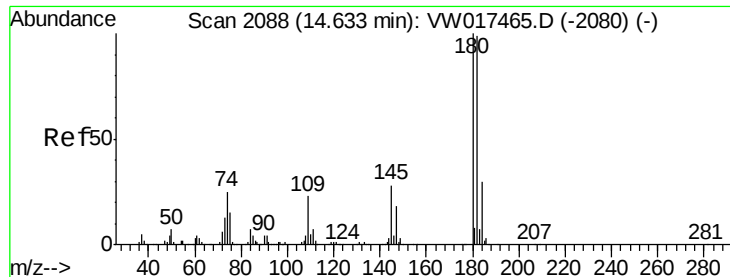


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

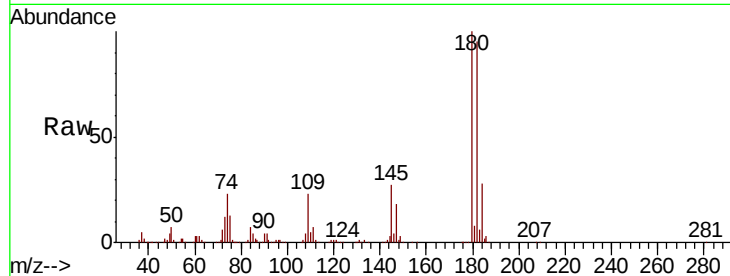




#67
 1,3,5-Trichlorobenzene
 Concen: 26.339 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.6
184	29.6	24.2	36.4
145	29.1	23.5	35.3



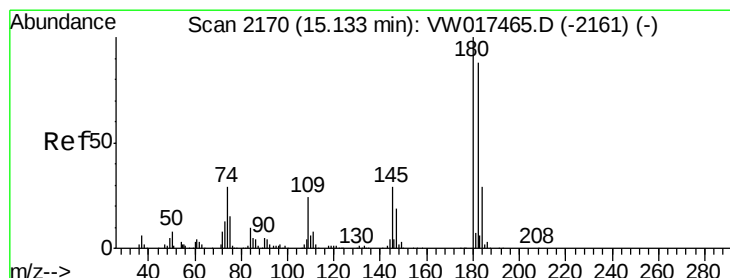
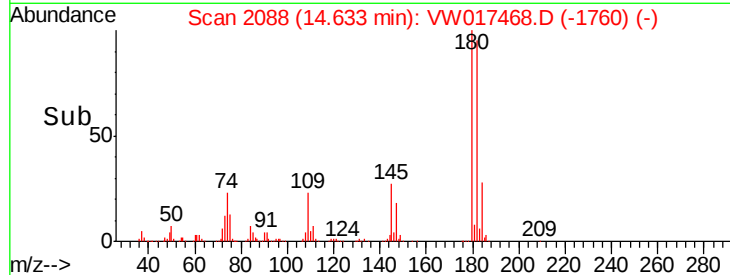
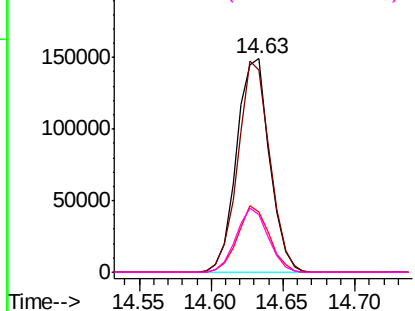
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

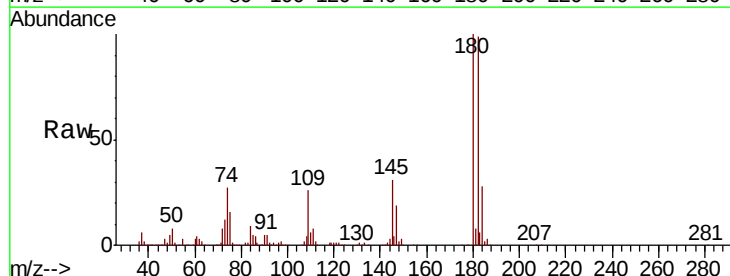
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 27.628 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017468.D
 Acq: 24 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	71.3	106.9
145	29.7	24.0	36.0

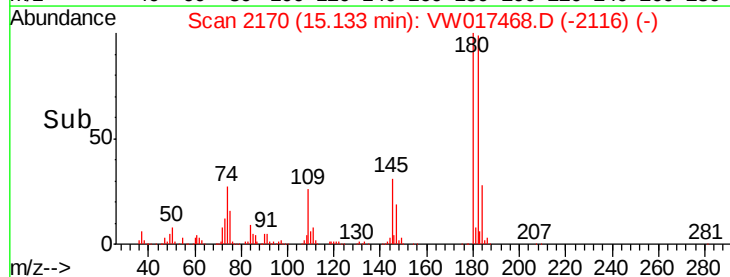
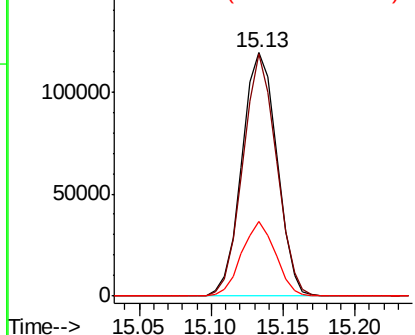


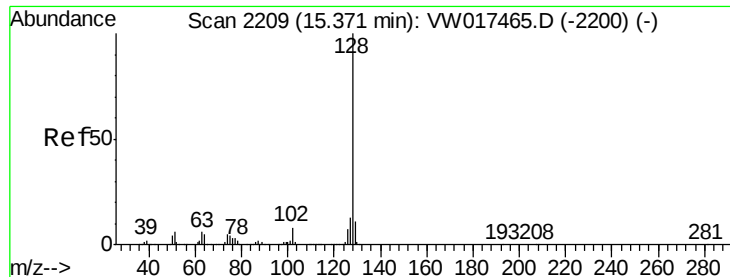
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 30.005 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampled :

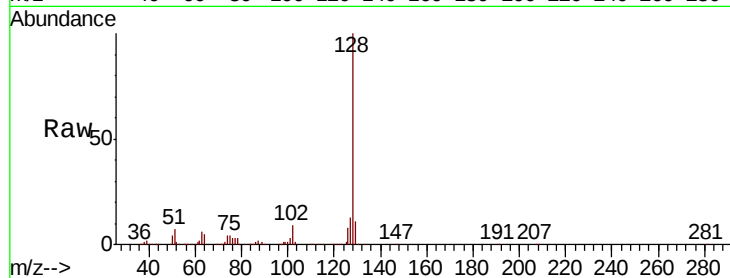
Tot Ion:128 Resp: 337770

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.2 10.7 16.1

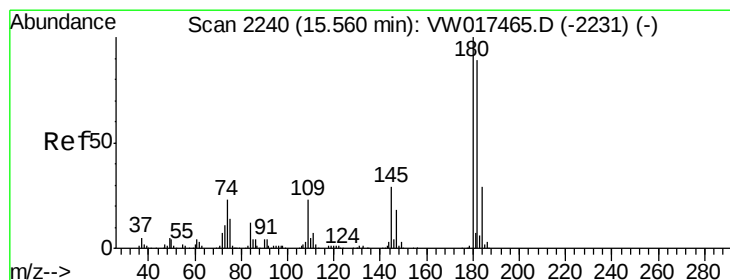
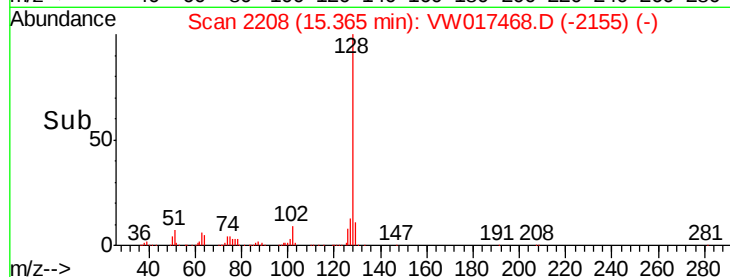
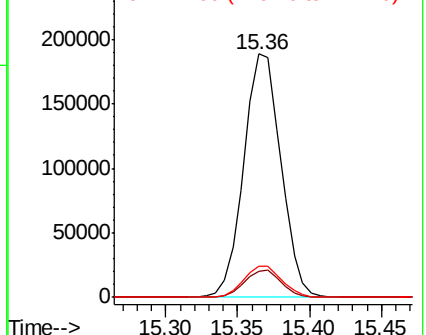


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 28.577 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017468.D

Acq: 24 Nov 2020 13:01

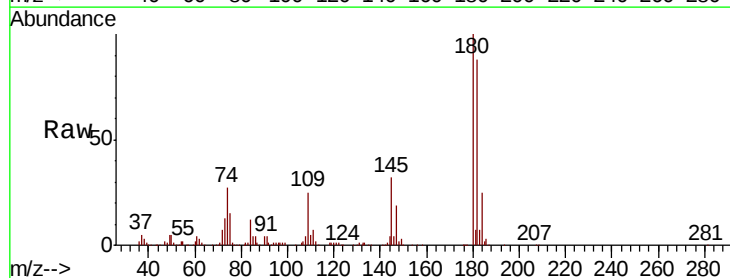
Tgt Ion:180 Resp: 173782

Ion Ratio Lower Upper

180 100

182 97.4 74.7 112.1

145 32.8 25.4 38.0



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

