

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017092.D
 Acq On : 05 Nov 2020 16:20
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 04:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	500875	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150575	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
7) Chloroethane-d5	2.89	69	117647	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.03	63	265906	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.24%
20) 2-Butanone-d5	7.08	46	55311	39.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.40%
24) Chloroform-d	7.65	84	284033	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.31	65	135105	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.28	84	556075	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.28	67	154010	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.33	98	524129	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.64%
38) trans-1,3-Dichloropropene-	10.58	79	66593	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	46893	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123070	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	189363	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	120087	23.896	ug/L	98
3) Chloromethane	2.21	50	104291	22.866	ug/L	99
5) Vinyl chloride	2.37	62	162567	24.302	ug/L	99
6) Bromomethane	2.78	94	109314	23.630	ug/L	100
8) Chloroethane	2.93	64	100680	24.944	ug/L	99
9) Trichlorofluoromethane	3.27	101	143355	26.349	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	162652	25.158	ug/L	99
12) 1,1-Dichloroethene	4.04	96	149044	23.975	ug/L	96
13) Acetone	4.13	43	35965	38.073	ug/L	98
14) Carbon disulfide	4.39	76	391540	23.144	ug/L	99
15) Methyl Acetate	4.67	43	44895	19.175	ug/L	96
16) Methylene chloride	4.92	84	149270	22.105	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	173649	22.876	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	156033	24.247	ug/L	96
19) 1,1-Dichloroethane	6.22	63	251432	24.661	ug/L	99
21) 2-Butanone	7.18	43	56626	37.333	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	164054	24.112	ug/L	96

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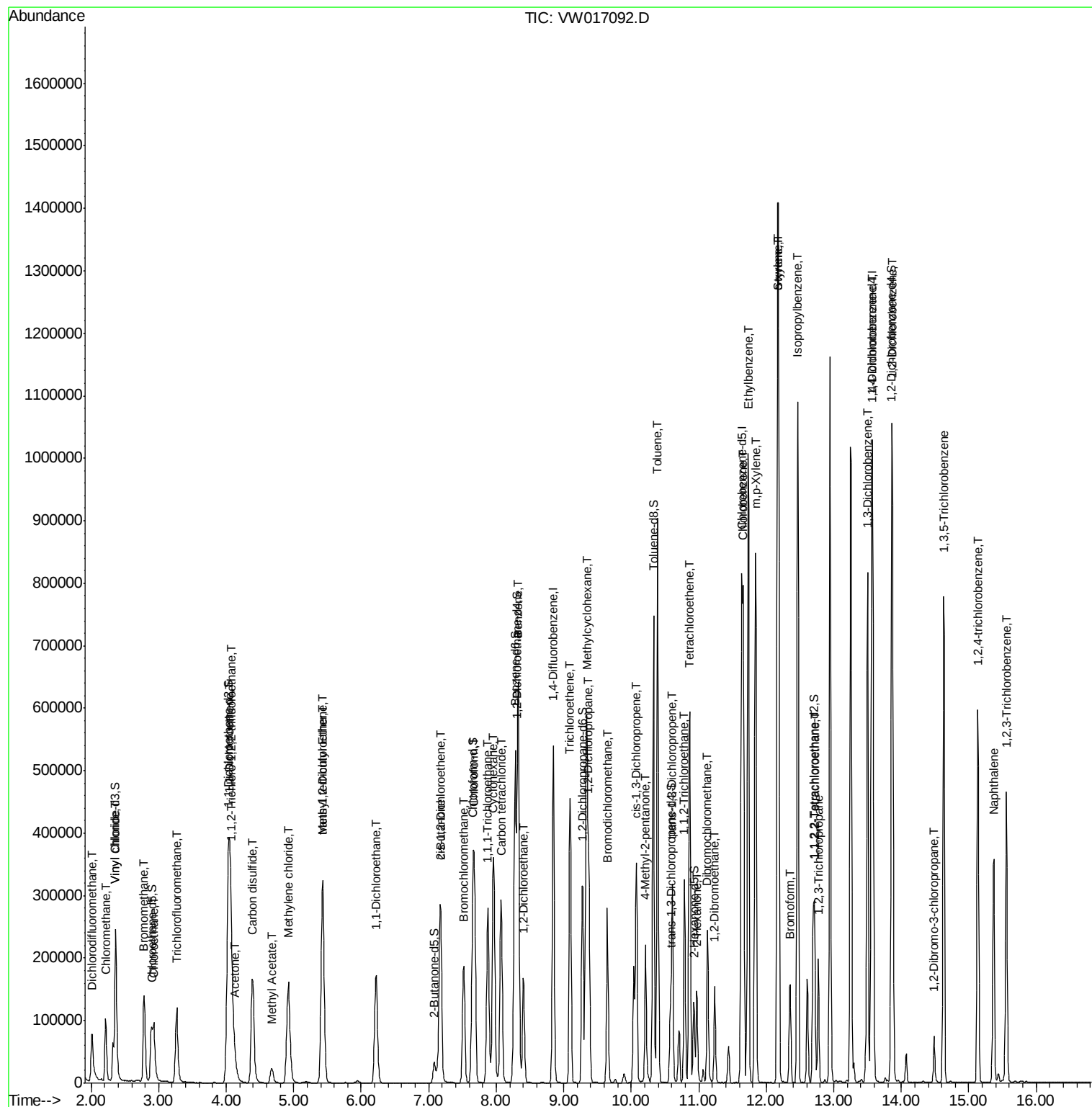
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	76026	23.208	ug/L	95
25) Chloroform	7.68	83	273958	24.681	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155348	23.355	ug/L	96
30) Cyclohexane	7.96	56	211265	24.580	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	238794	25.544	ug/L	98
32) Carbon tetrachloride	8.07	117	225885	25.041	ug/L	99
34) Benzene	8.33	78	588818	24.565	ug/L	100
35) Trichloroethene	9.09	95	163752	24.387	ug/L	99
36) Methylcyclohexane	9.34	83	266330	24.649	ug/L	99
40) 1,2-Dichloropropane	9.37	63	136680	24.393	ug/L	99
41) Bromodichloromethane	9.65	83	188643	24.342	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	213450	24.050	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	133393	38.586	ug/L	99
44) Toluene	10.39	91	654658	24.812	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	180541	23.687	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	108691	22.498	ug/L	97
47) Tetrachloroethene	10.87	164	150894	24.907	ug/L	89
49) 2-Hexanone	10.97	43	85000	40.784	ug/L	99
50) Dibromochloromethane	11.13	129	137346	23.335	ug/L	100
51) 1,2-Dibromoethane	11.24	107	102894	21.923	ug/L	98
52) Chlorobenzene	11.66	112	428724	24.024	ug/L	96
53) Ethylbenzene	11.73	91	738955	25.074	ug/L	99
54) m,p-Xylene	11.84	106	286744	24.873	ug/L	96
55) o-xylene	12.17	106	274491	25.085	ug/L	97
56) Styrene	12.18	104	460289	25.054	ug/L	98
57) Isopropylbenzene	12.47	105	746968	25.154	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	118865	21.298	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	84107	20.966	ug/L	99
62) Bromoform	12.35	173	75726	21.526	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	347352	24.365	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	344204	24.032	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	310889	24.182	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17500	20.588	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	254386	24.215	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	205209	24.478	ug/L	99
69) Naphthalene	15.37	128	331851	21.510	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	173353	22.631	ug/L	99

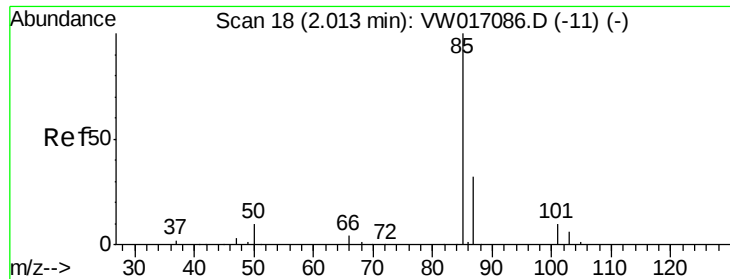
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.896 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

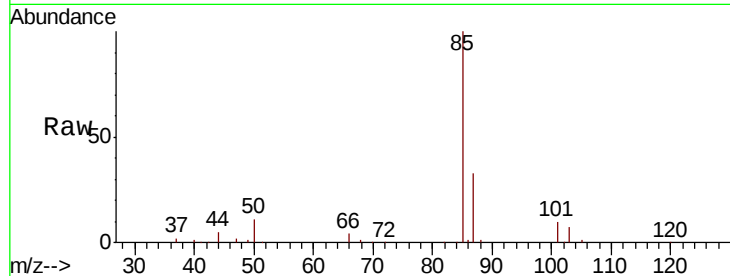
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 85 Resp: 120087

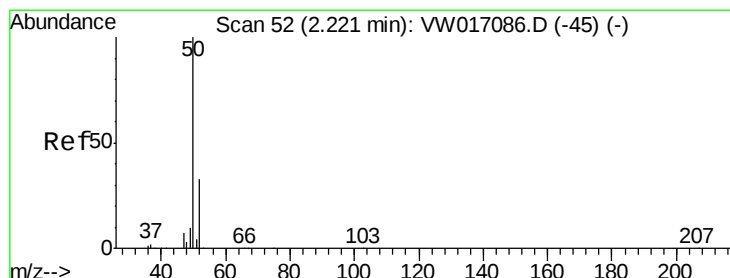
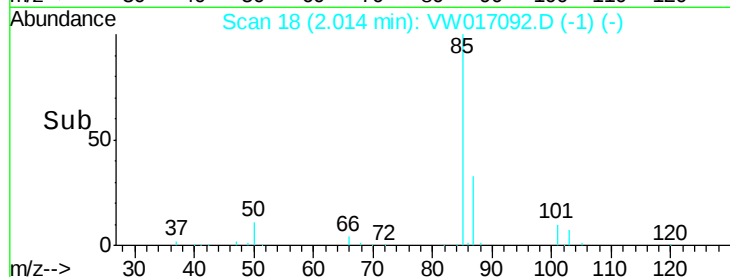
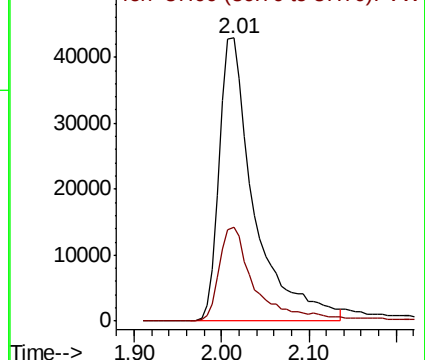
Ion Ratio Lower Upper

85 100

87 31.8 21.5 39.9



Abundance Ion 85.00 (84.70 to 85.70): VW
Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 22.866 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW017092.D

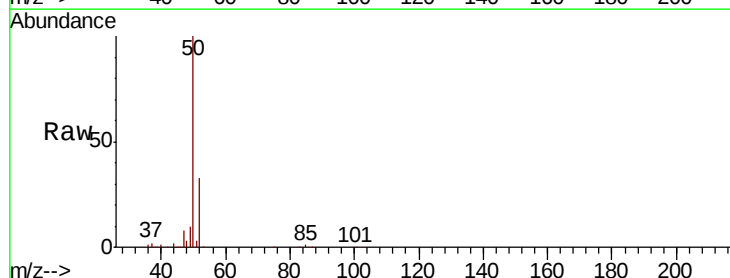
Acq: 05 Nov 2020 16:20

Tgt Ion: 50 Resp: 104291

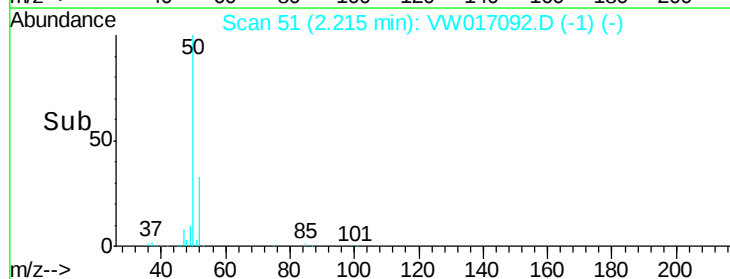
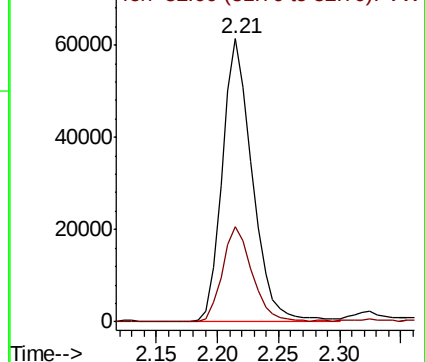
Ion Ratio Lower Upper

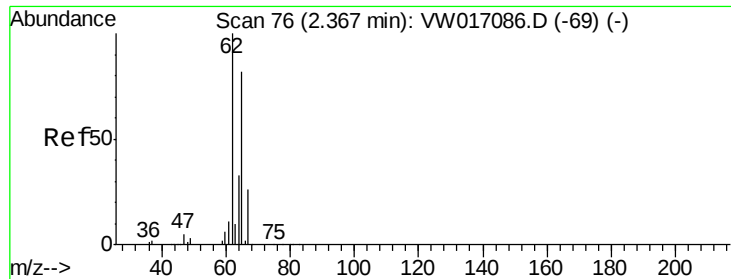
50 100

52 33.5 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VW
Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 24.302 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

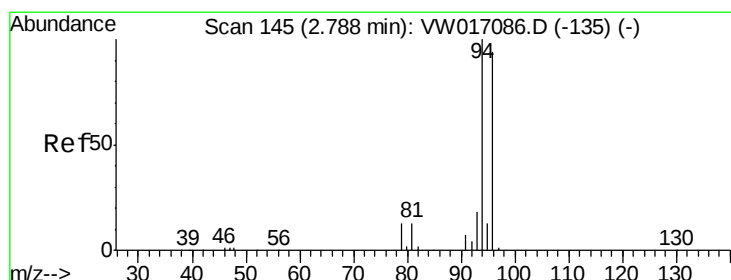
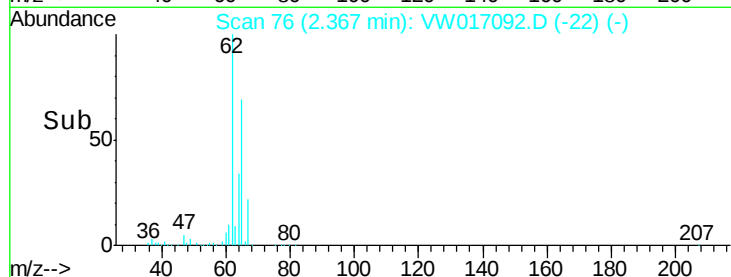
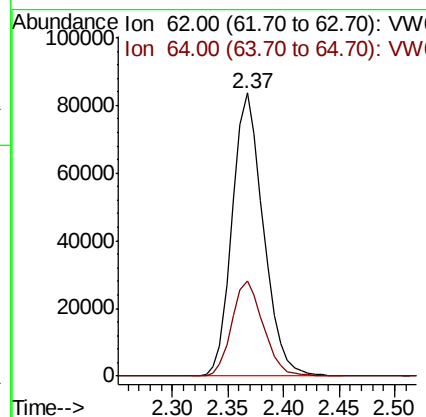
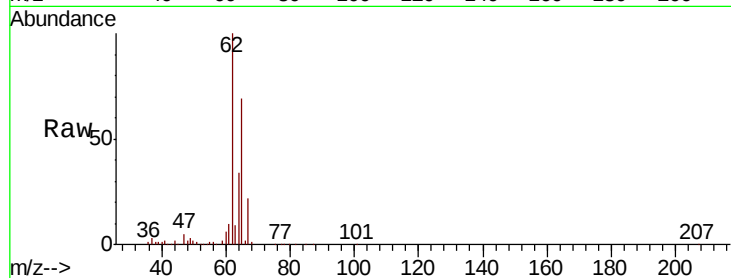
ClientSampled :

Tot Ion: 62 Resp: 162567

Ion Ratio Lower Upper

62 100

64 33.9 23.3 43.3



#6

Bromomethane

Concen: 23.630 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW017092.D

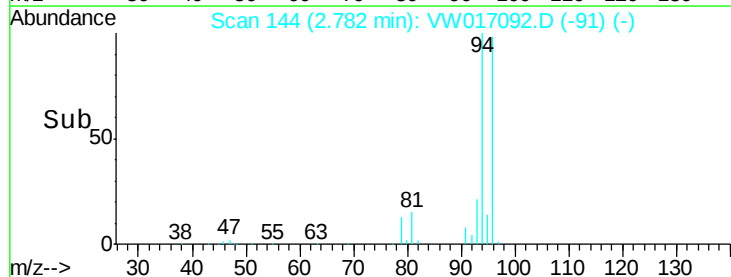
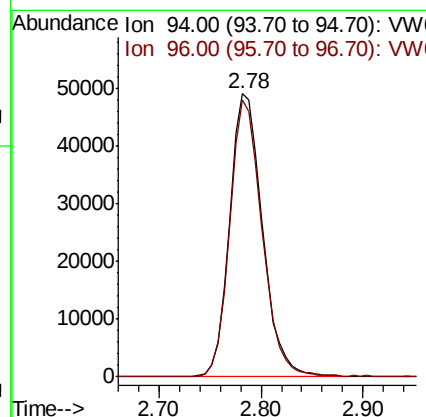
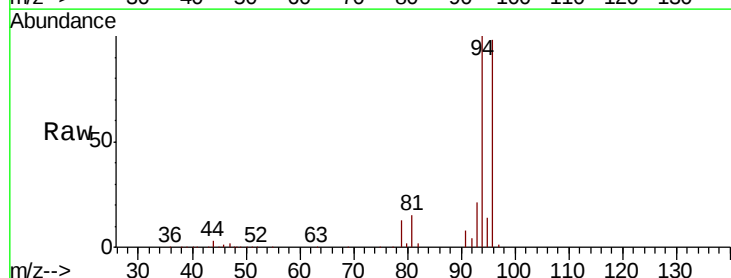
Acq: 05 Nov 2020 16:20

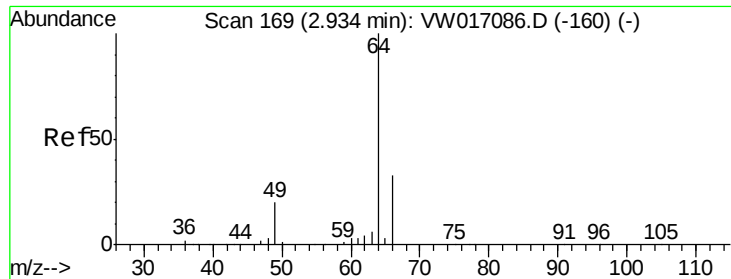
Tgt Ion: 94 Resp: 109314

Ion Ratio Lower Upper

94 100

96 96.2 9.6 181.8





#8

Chloroethane

Concen: 24.944 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

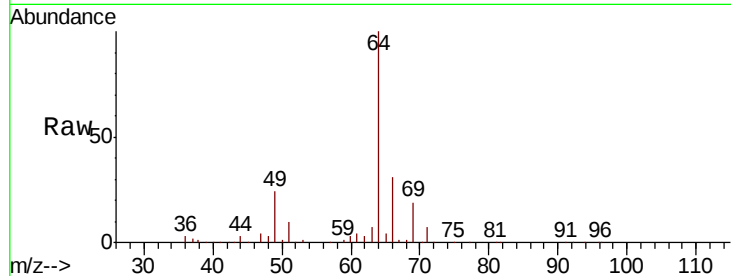
ClientSampleId :

Tot Ion: 64 Resp: 100680

Ion Ratio Lower Upper

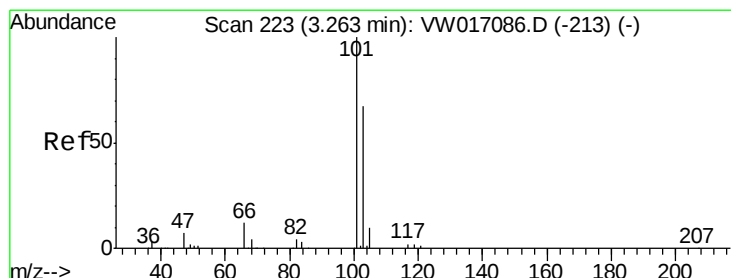
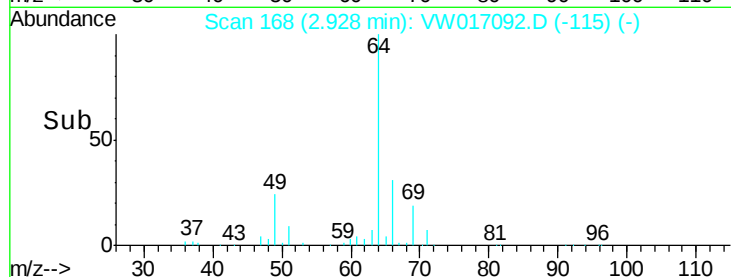
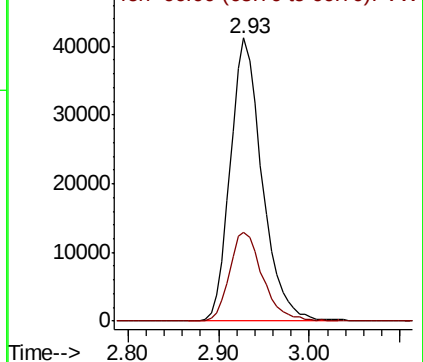
64 100

66 31.3 22.3 41.5



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 26.349 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.01 min

Lab File: VW017092.D

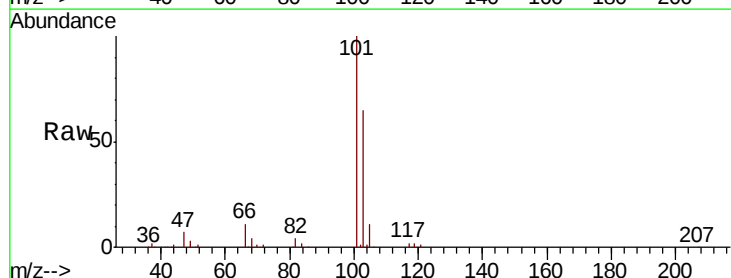
Acq: 05 Nov 2020 16:20

Tgt Ion:101 Resp: 143355

Ion Ratio Lower Upper

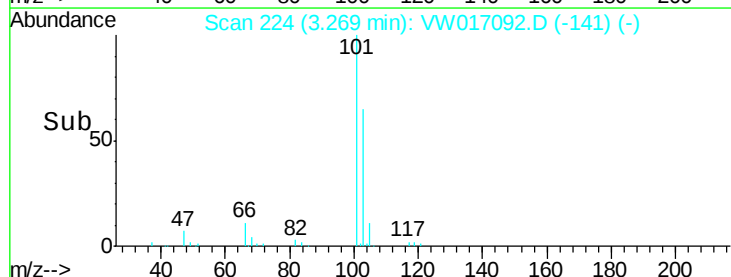
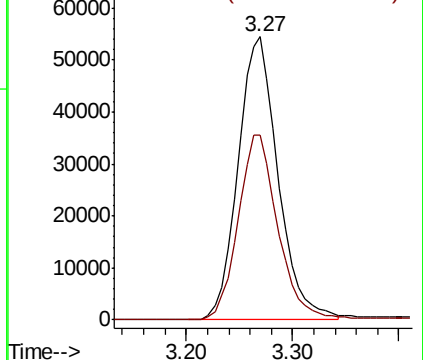
101 100

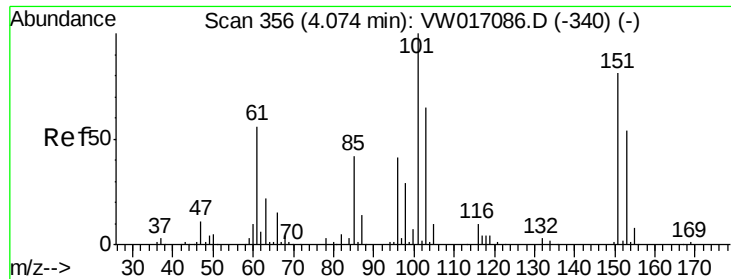
103 65.2 45.4 84.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

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

Concen: 25.158 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampled :

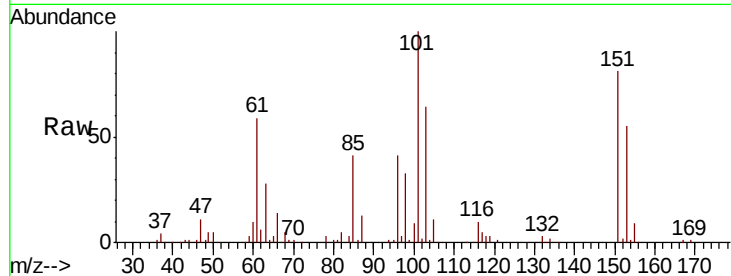
Tot Ion:101 Resp: 162652

Ion Ratio Lower Upper

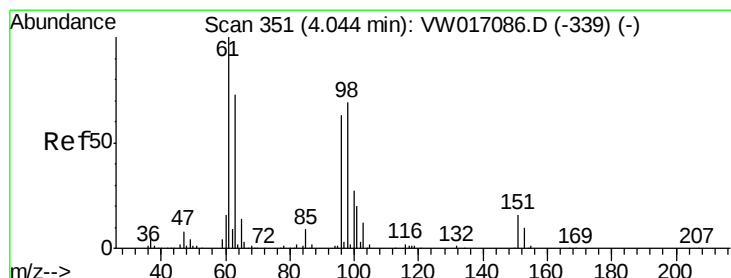
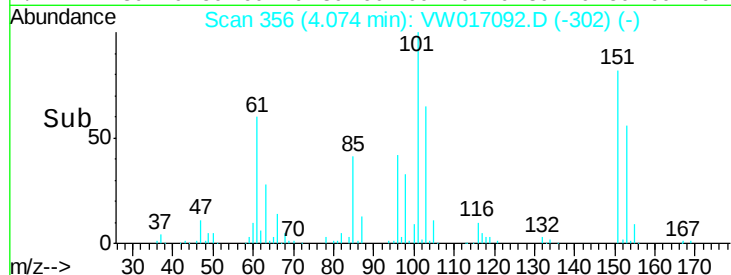
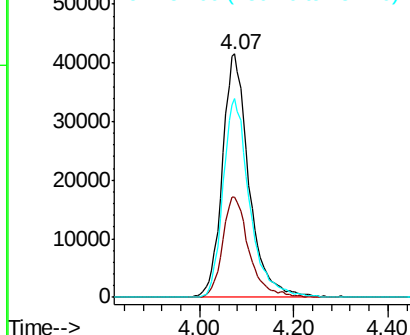
101 100

85 39.8 32.8 49.2

151 80.7 65.4 98.2



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VW
Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 23.975 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

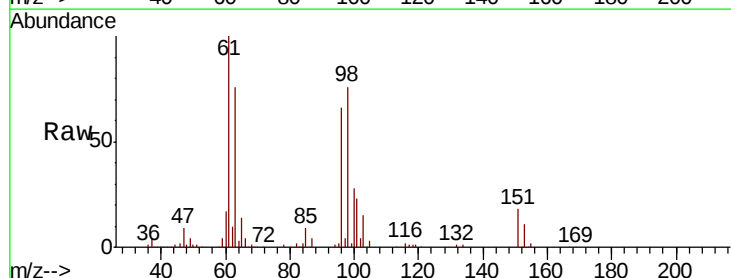
Tgt Ion: 96 Resp: 149044

Ion Ratio Lower Upper

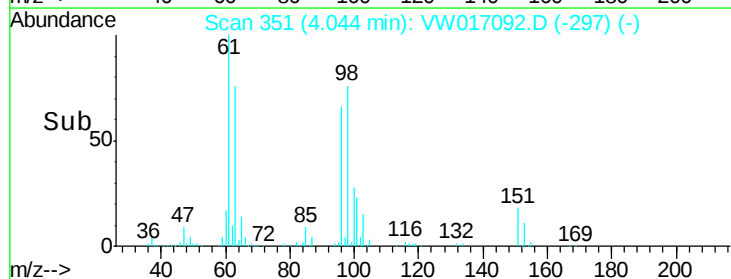
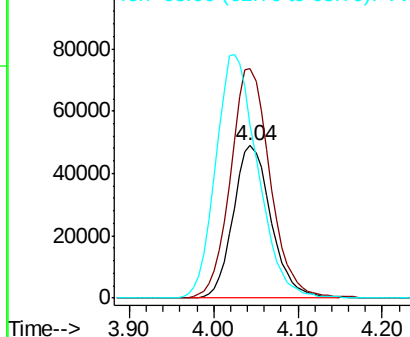
96 100

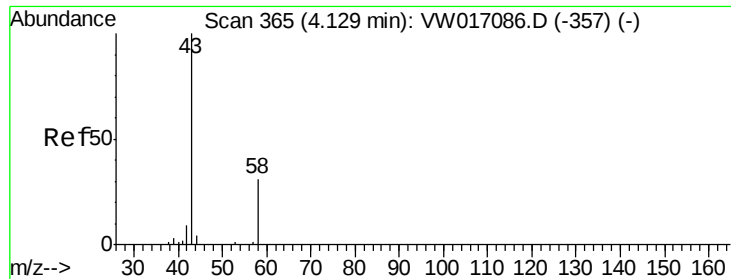
61 150.5 103.8 192.8

63 114.0 84.4 156.7



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 38.073 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

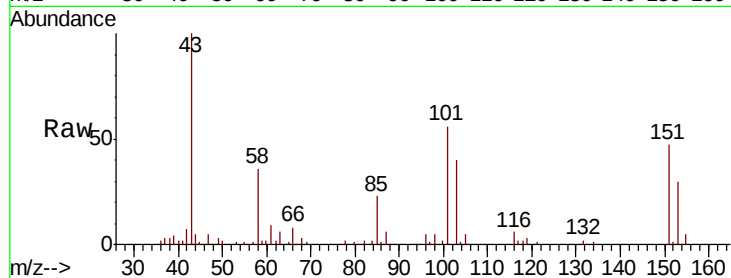
ClientSampleId :

Tot Ion: 43 Resp: 35965

Ion Ratio Lower Upper

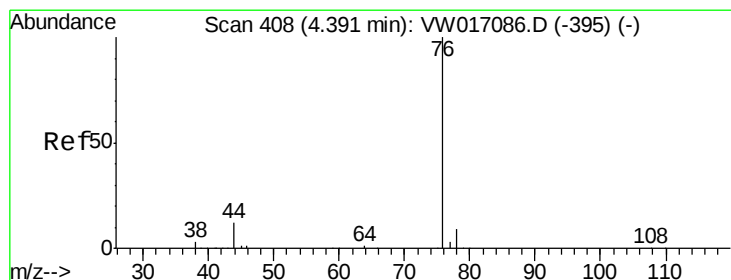
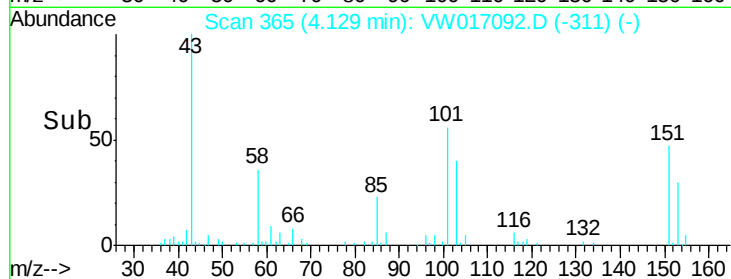
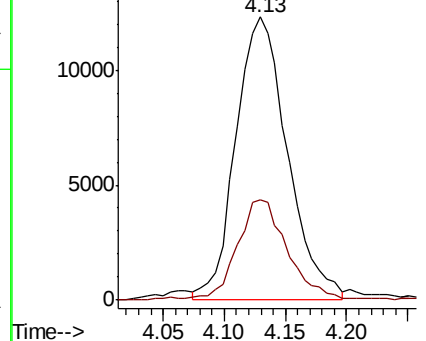
43 100

58 33.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 23.144 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017092.D

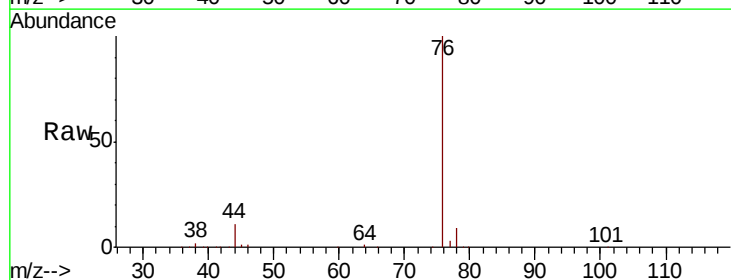
Acq: 05 Nov 2020 16:20

Tgt Ion: 76 Resp: 391540

Ion Ratio Lower Upper

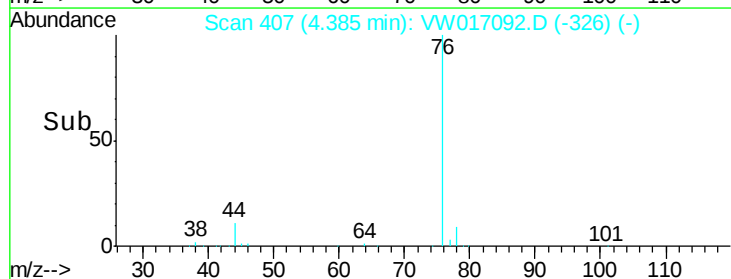
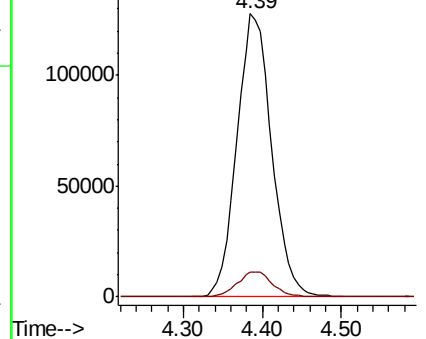
76 100

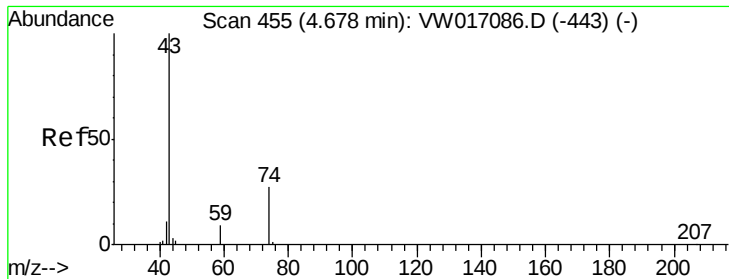
78 9.0 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 19.175 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

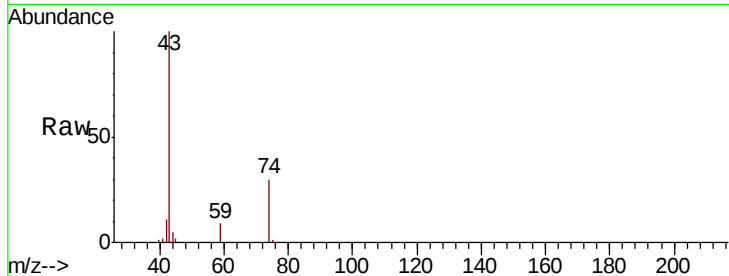
ClientSampleId :

Tot Ion: 43 Resp: 44895

Ion Ratio Lower Upper

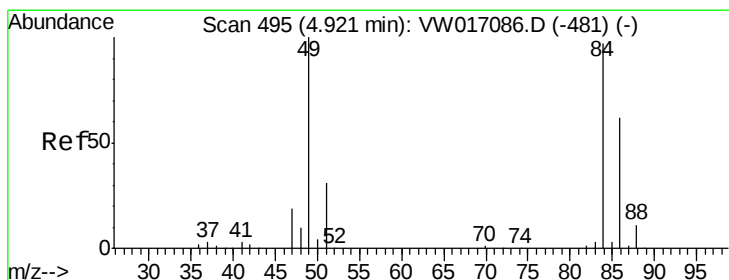
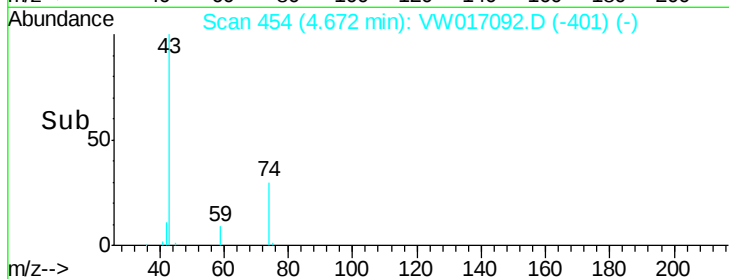
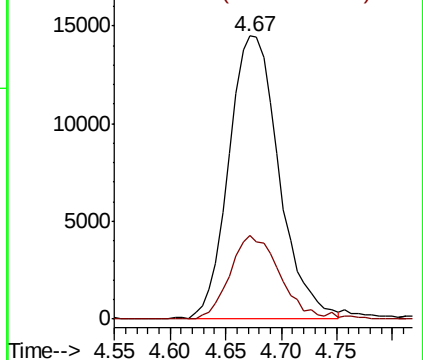
43 100

74 29.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 22.105 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

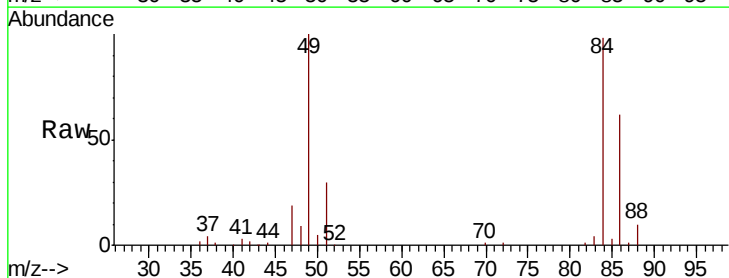
Tgt Ion: 84 Resp: 149270

Ion Ratio Lower Upper

84 100

49 101.9 72.3 134.3

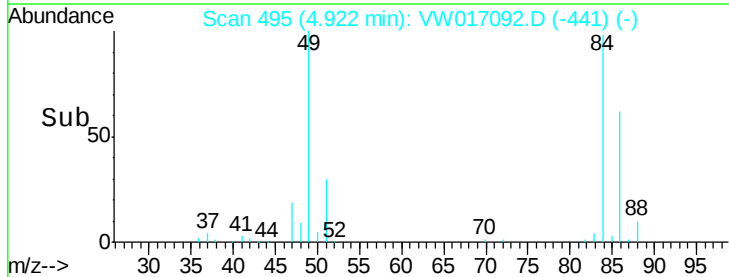
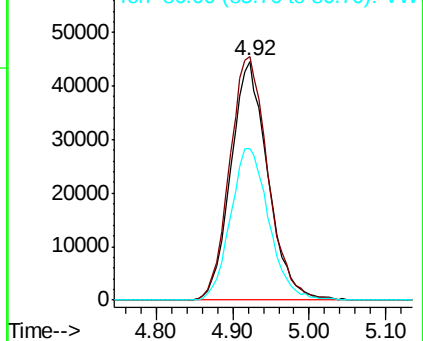
86 63.5 45.1 83.7

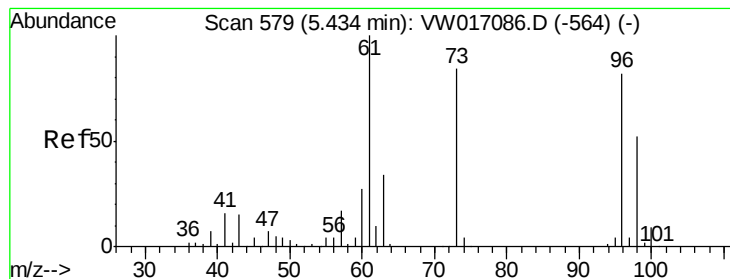


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#17

Methvl tert-butvl Ether

Concen: 22.876 ug/L

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

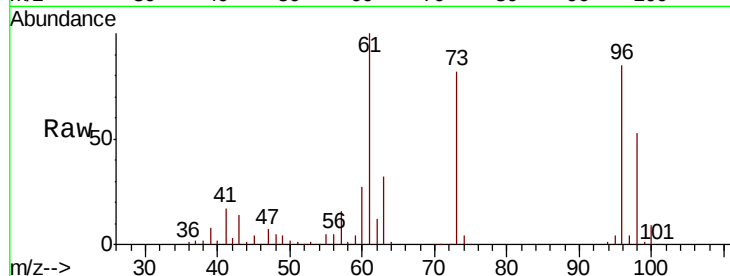
Tot Ion: 73 Resp: 173649

Ion Ratio Lower Upper

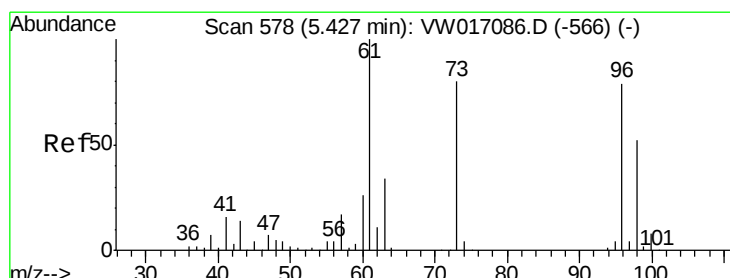
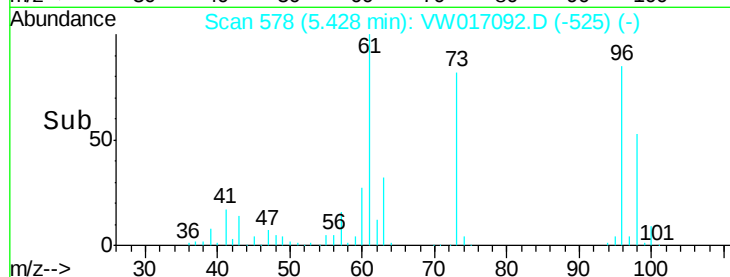
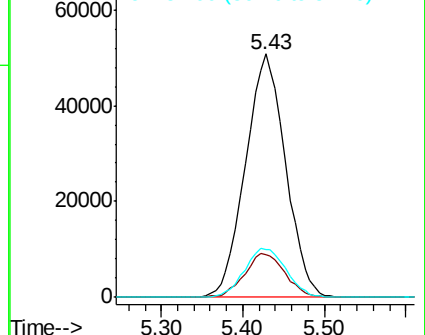
73 100

43 18.3 14.5 21.7

57 21.0 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW



#18

trans-1,2-Dichloroethene

Concen: 24.247 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

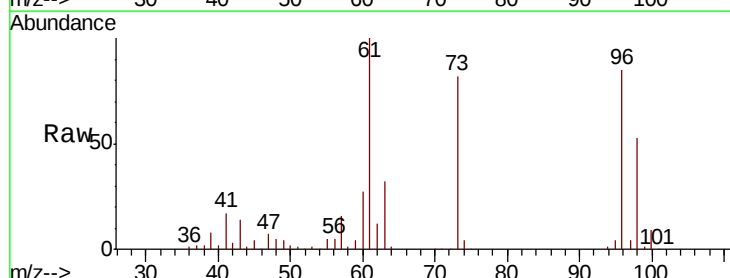
Tgt Ion: 96 Resp: 156033

Ion Ratio Lower Upper

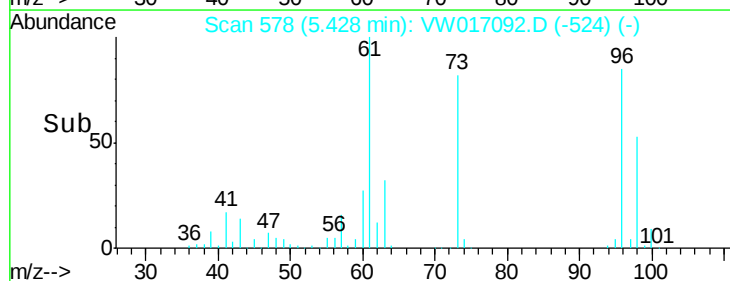
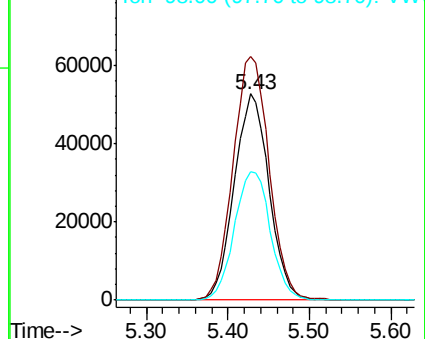
96 100

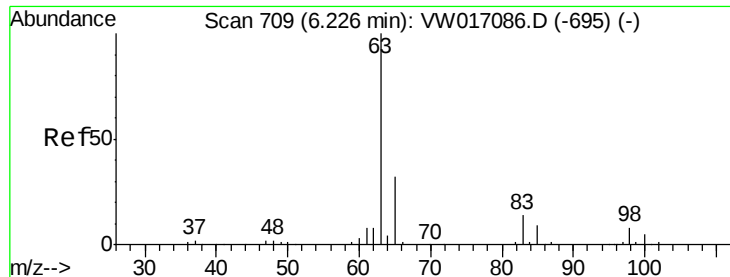
61 117.9 86.8 161.2

98 62.2 44.4 82.4



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

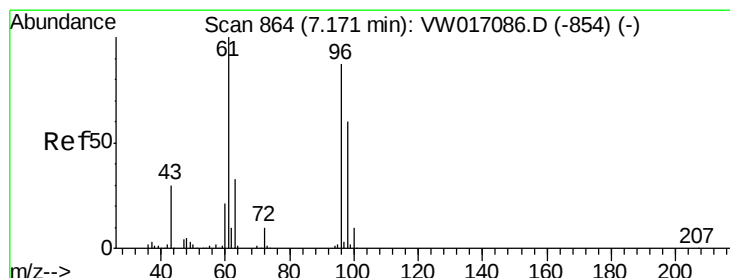
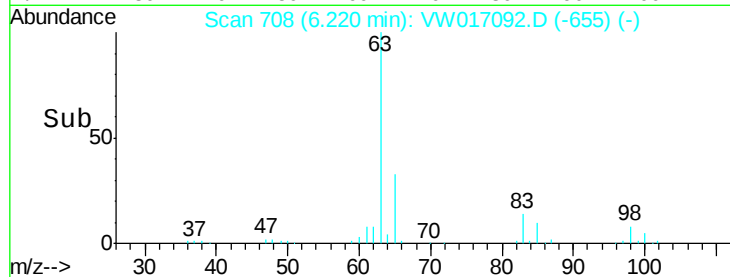
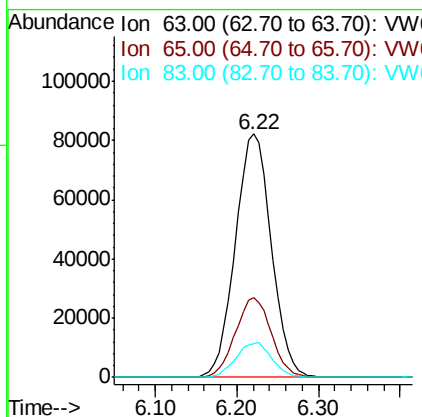
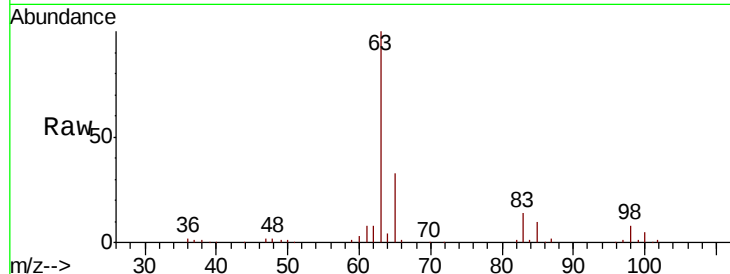




#19
 1,1-Dichloroethane
 Concen: 24.661 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

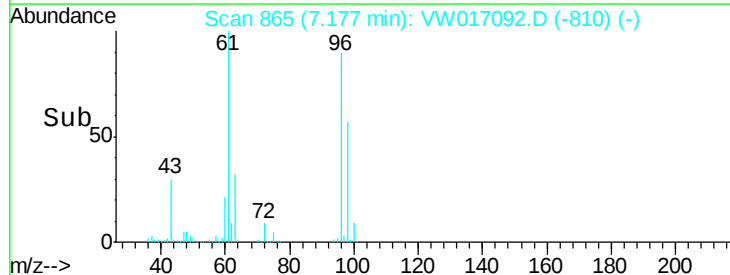
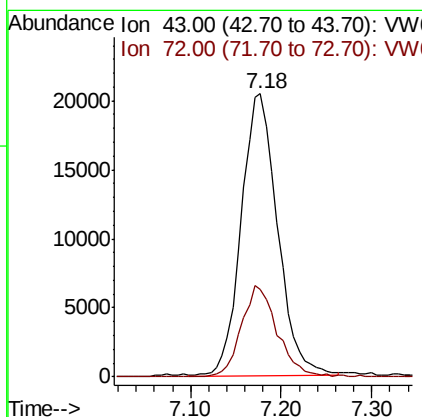
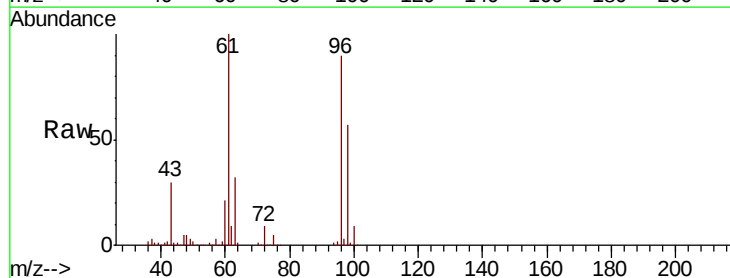
Instrument :
 MSVOA_W
 ClientSampleId :

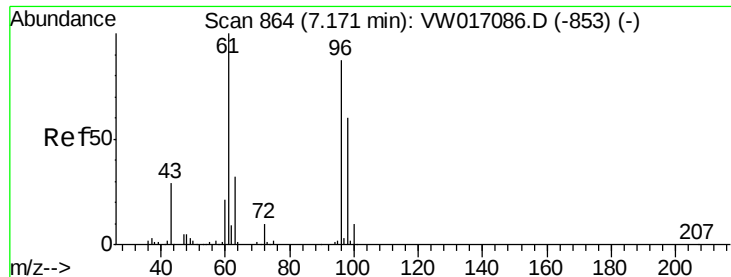
Tot Ion: 63 Resp: 251432
 Ion Ratio Lower Upper
 63 100
 65 32.6 22.1 41.1
 83 14.0 10.0 18.6



#21
 2-Butanone
 Concen: 37.333 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion: 43 Resp: 56626
 Ion Ratio Lower Upper
 43 100
 72 31.9 16.1 48.3



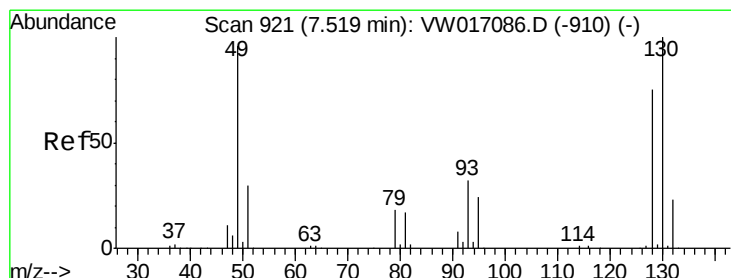
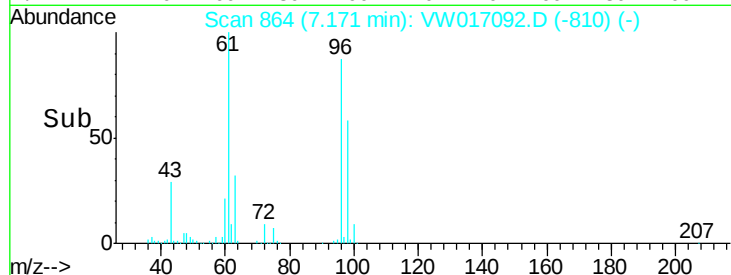
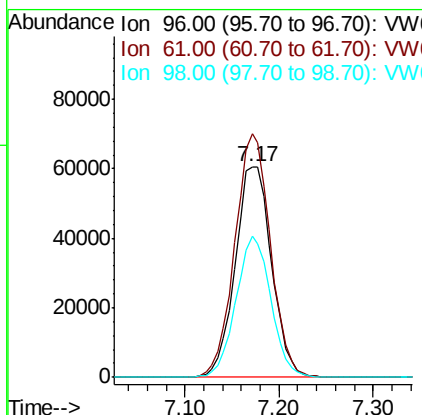
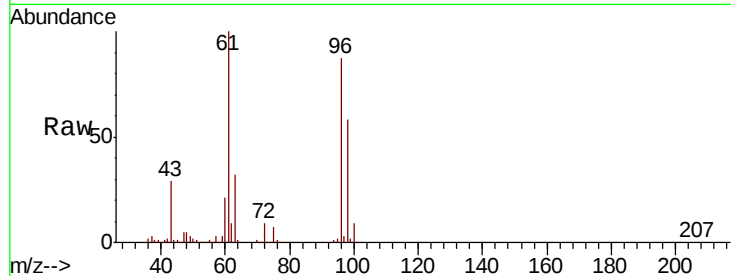


#22

cis-1,2-Dichloroethene
 Concen: 24.112 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Instrument :
 MSVOA_W
 ClientSampleId :

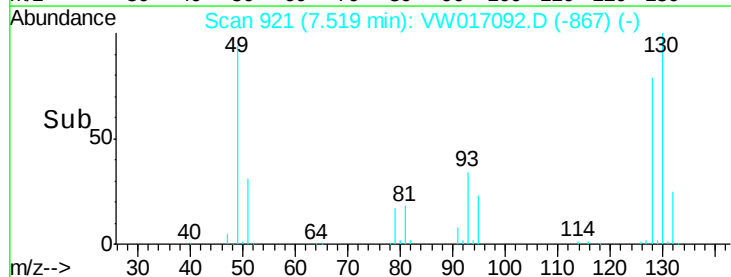
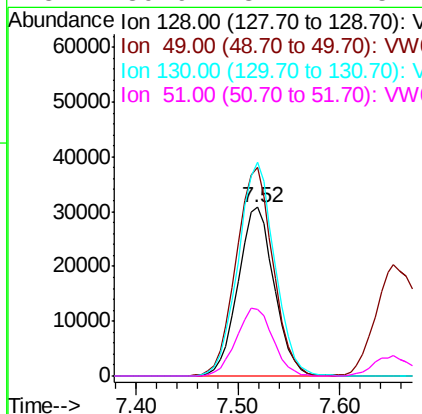
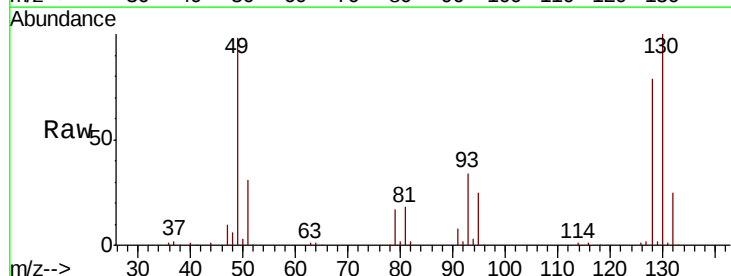
Tot Ion: 96 Resp: 164054
 Ion Ratio Lower Upper
 96 100
 61 115.5 77.4 143.8
 98 67.1 45.1 83.7

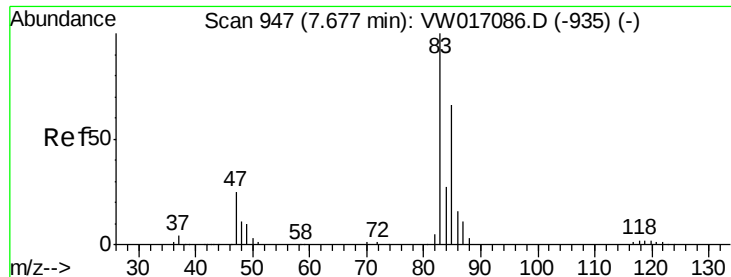


#23

Bromochloromethane
 Concen: 23.208 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion: 128 Resp: 76026
 Ion Ratio Lower Upper
 128 100
 49 123.9 88.3 163.9
 130 126.7 95.6 177.6
 51 39.9 32.2 48.4

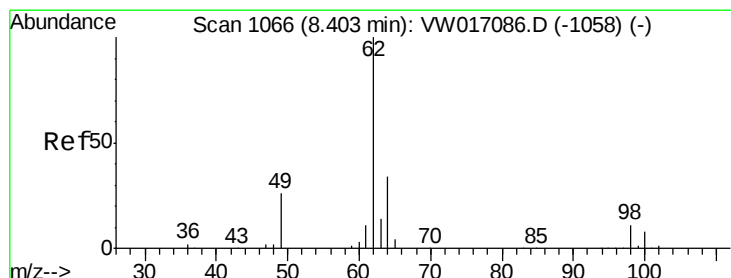
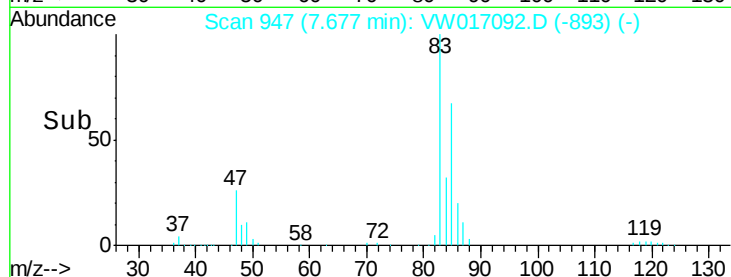
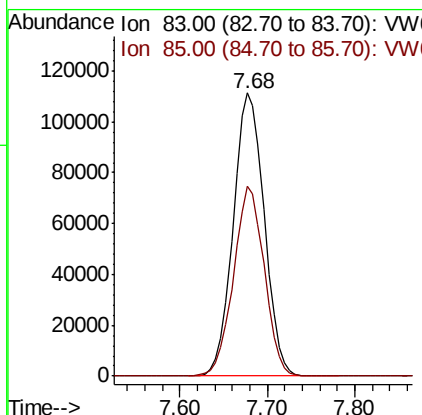
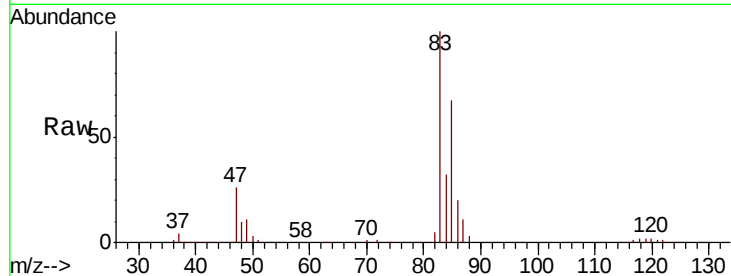




#25
Chloroform
Concen: 24.681 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

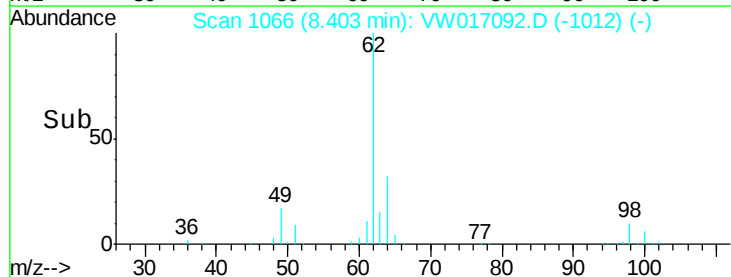
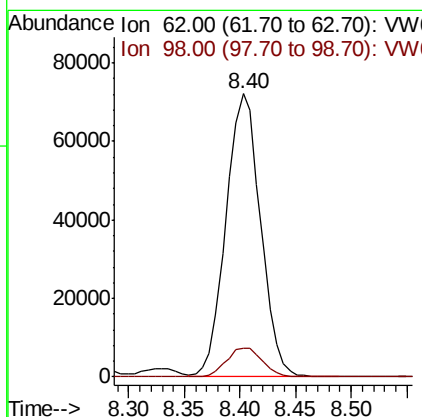
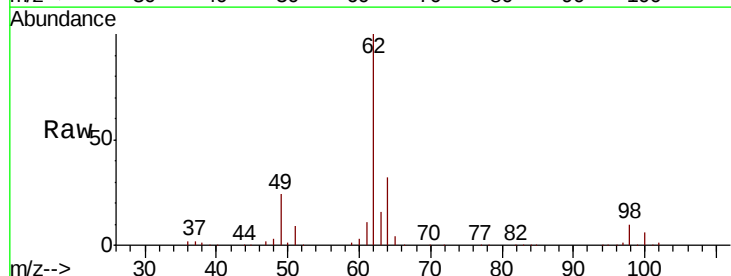
Instrument :
MSVOA_W
ClientSampled :

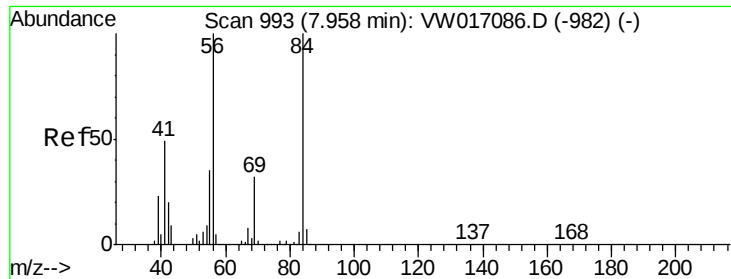
Tot Ion: 83 Resp: 273958
Ion Ratio Lower Upper
83 100
85 66.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 23.355 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

Tgt Ion: 62 Resp: 155348
Ion Ratio Lower Upper
62 100
98 10.2 9.4 14.0

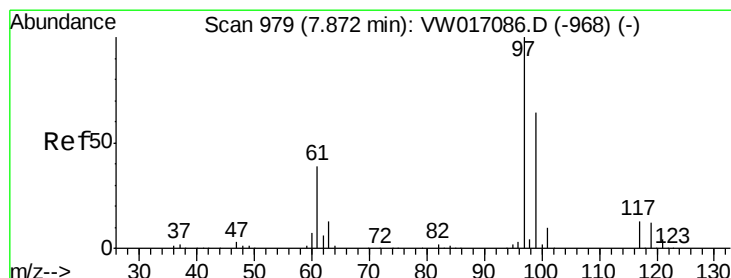
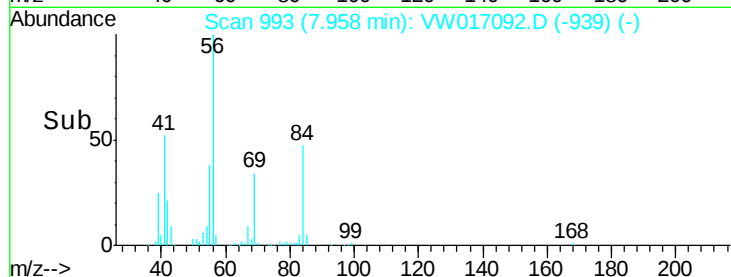
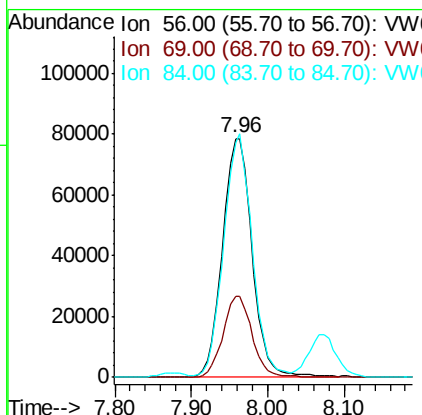
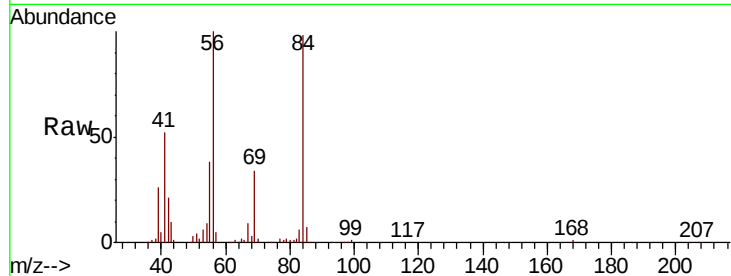




#30
Cvclohexane
Concen: 24.580 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

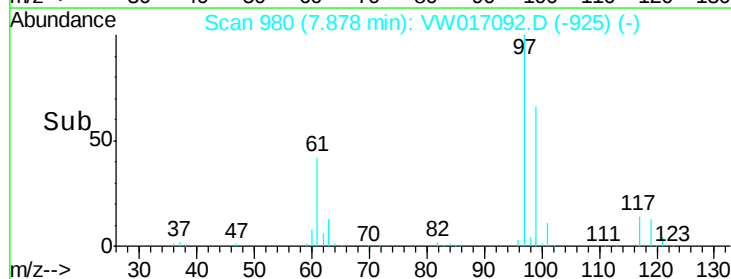
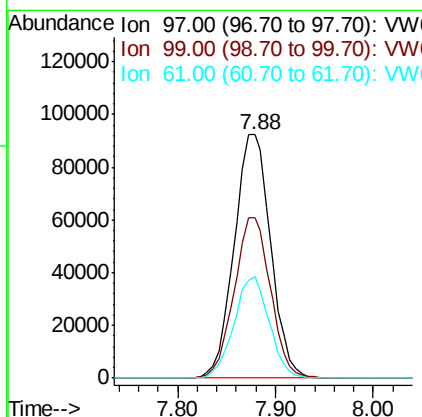
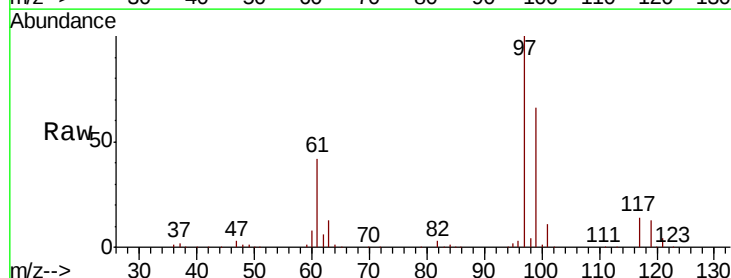
Instrument :
MSVOA_W
ClientSampleId :

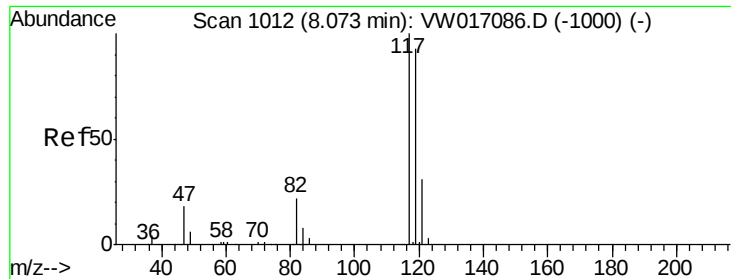
Tot Ion: 56 Resp: 211265
Ion Ratio Lower Upper
56 100
69 32.9 26.1 39.1
84 97.8 79.1 118.7



#31
1,1,1-Trichloroethane
Concen: 25.544 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

Tgt Ion: 97 Resp: 238794
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.0
61 40.4 31.6 47.4





#32

Carbon tetrachloride

Concen: 25.041 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

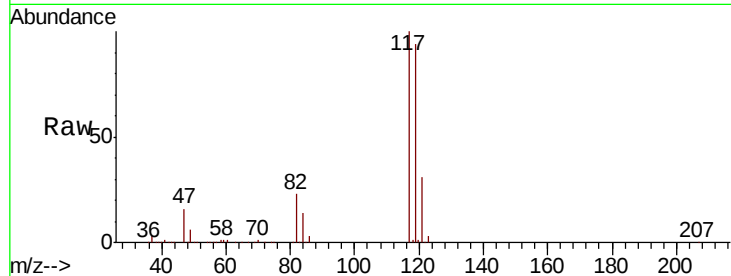
ClientSampleId :

Tot Ion:117 Resp: 225885

Ion Ratio Lower Upper

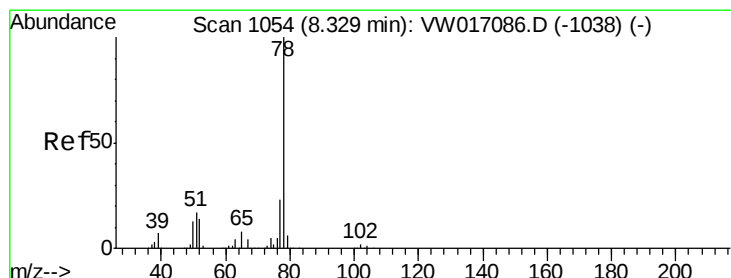
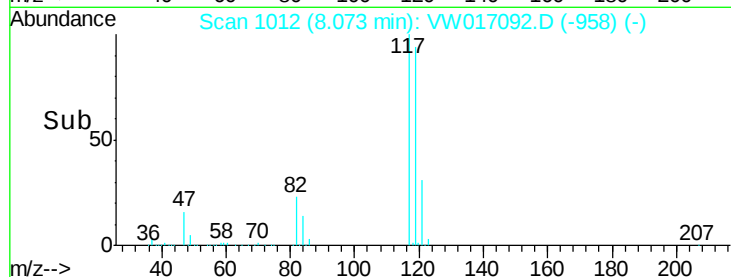
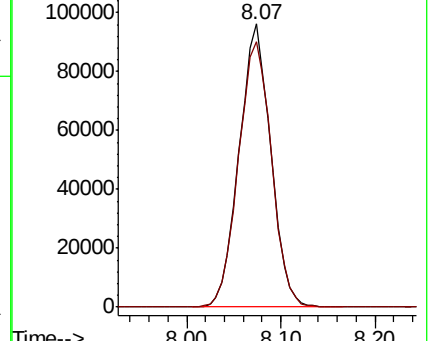
117 100

119 97.8 77.7 116.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.565 ug/L

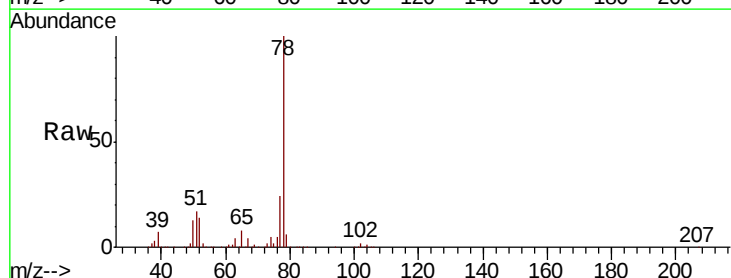
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

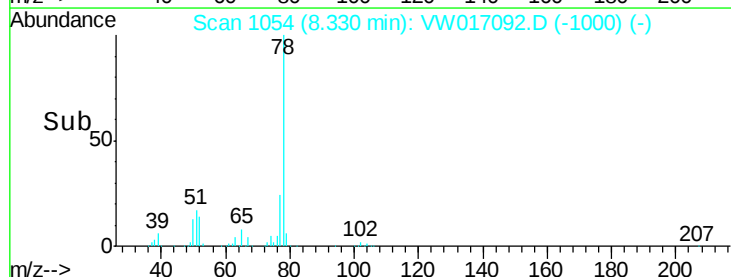
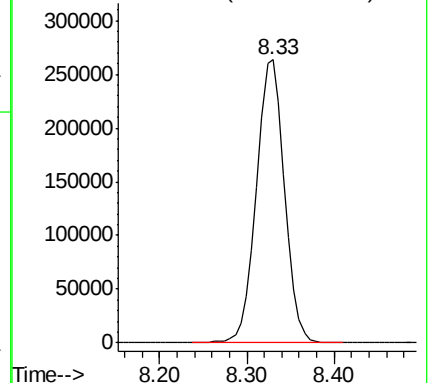
Lab File: VW017092.D

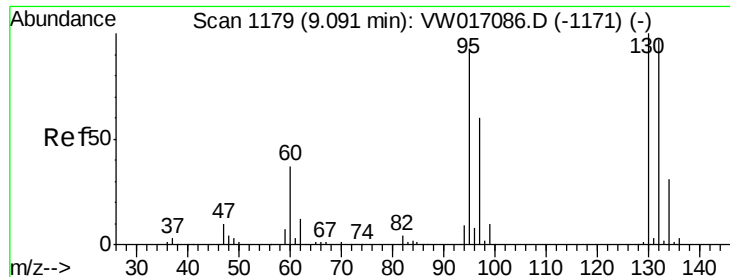
Acq: 05 Nov 2020 16:20

Tgt Ion: 78 Resp: 588818



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 24.387 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 163752

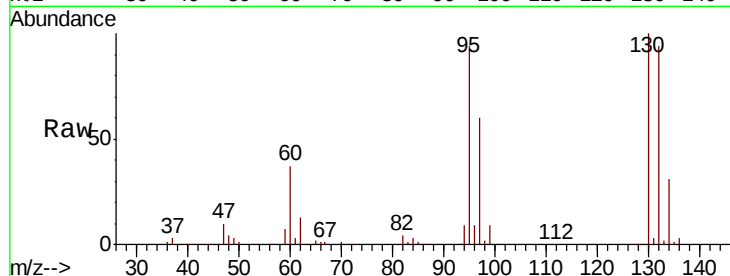
Ion Ratio Lower Upper

95 100

97 65.0 45.0 83.6

132 105.8 73.7 136.9

130 109.8 77.1 143.1

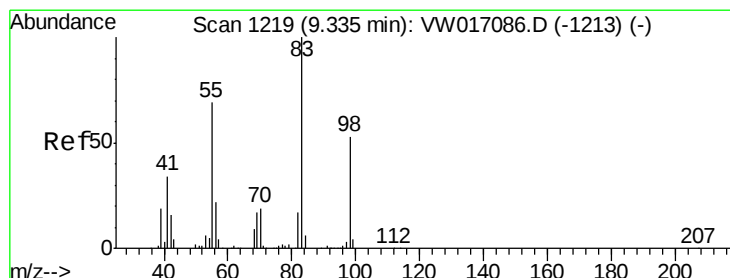
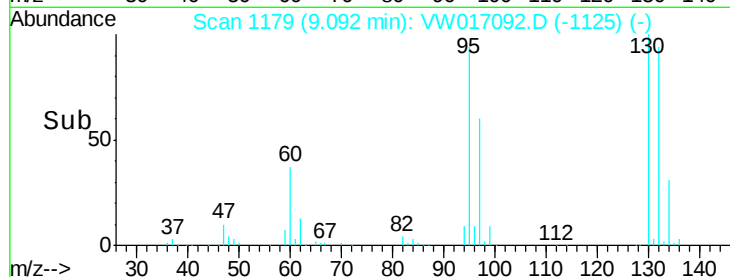
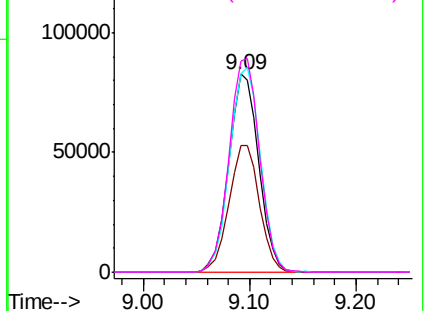


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 24.649 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

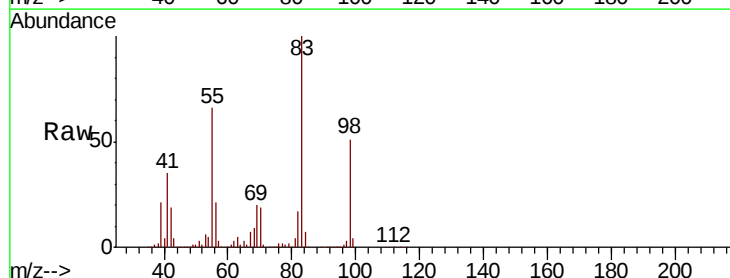
Tgt Ion: 83 Resp: 266330

Ion Ratio Lower Upper

83 100

55 67.2 54.4 81.6

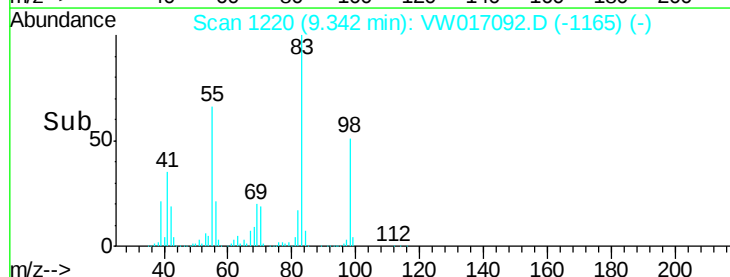
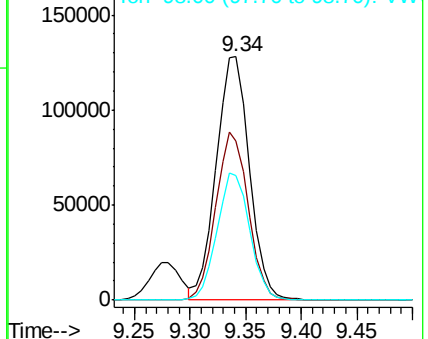
98 51.3 40.5 60.7

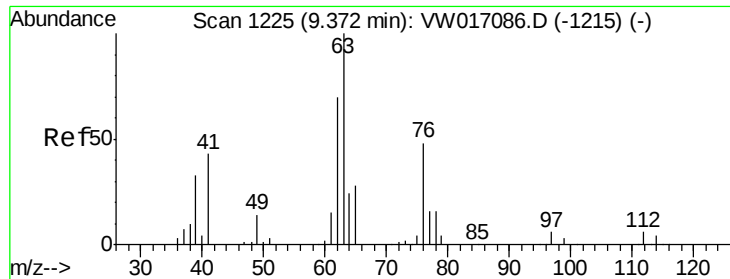


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

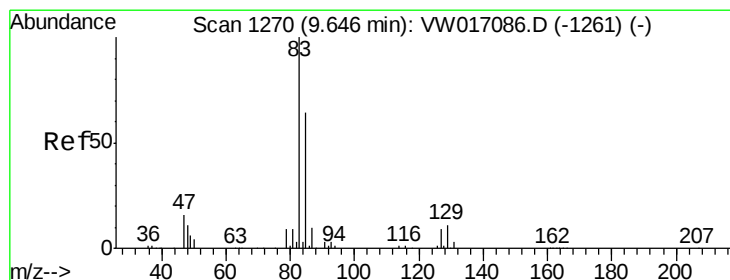
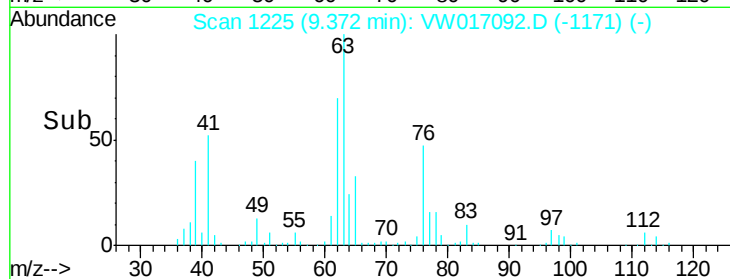
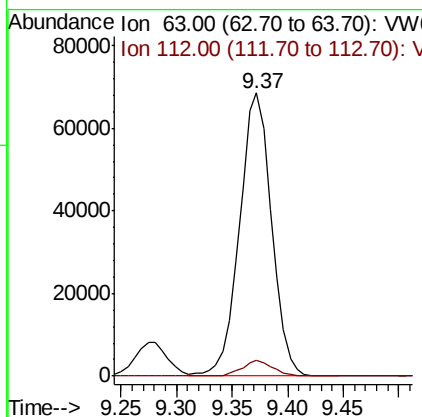
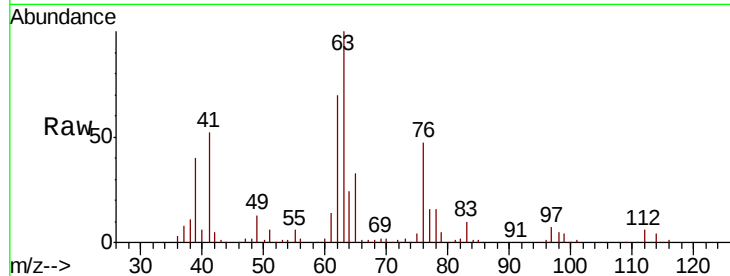




#40
 1,2-Dichloropropane
 Concen: 24.393 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

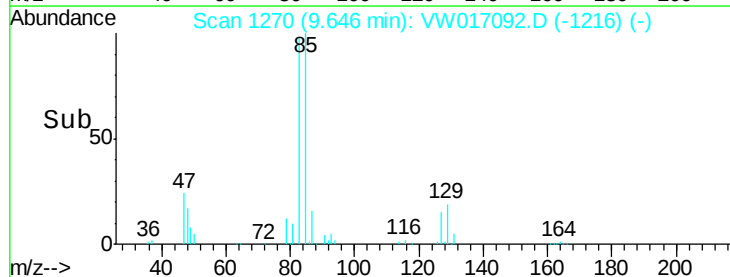
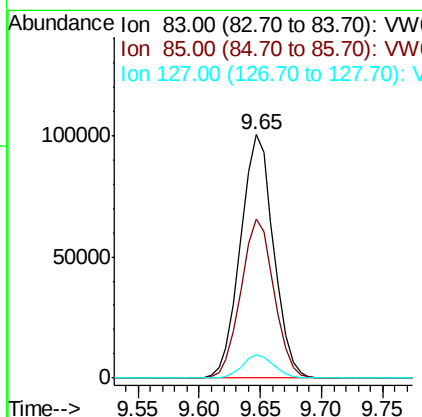
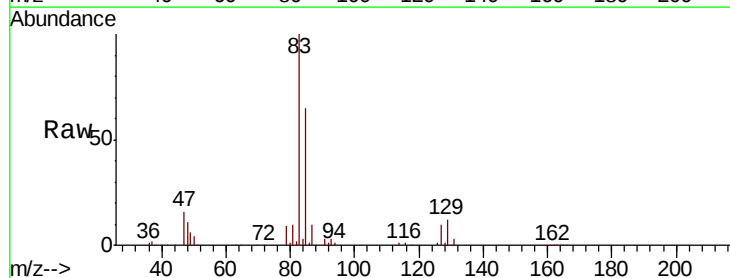
Instrument :
 MSVOA_W
 ClientSampled :

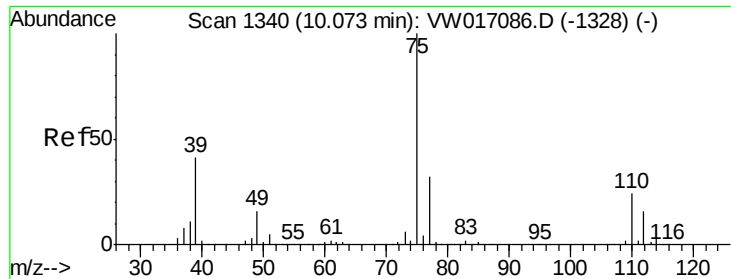
Tot Ion: 63 Resp: 136680
 Ion Ratio Lower Upper
 63 100
 112 5.4 4.2 6.2



#41
 Bromodichloromethane
 Concen: 24.342 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion: 83 Resp: 188643
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.4 82.4
 127 9.7 7.3 10.9

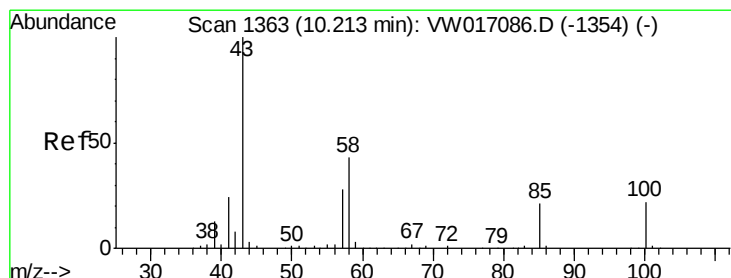
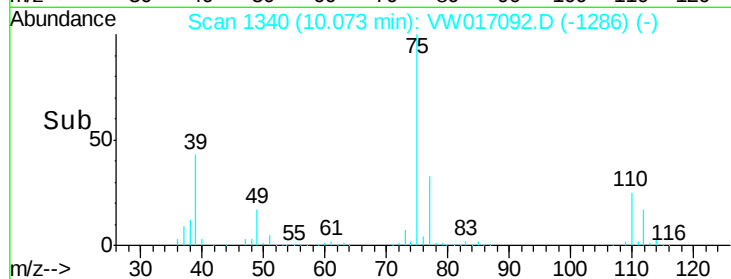
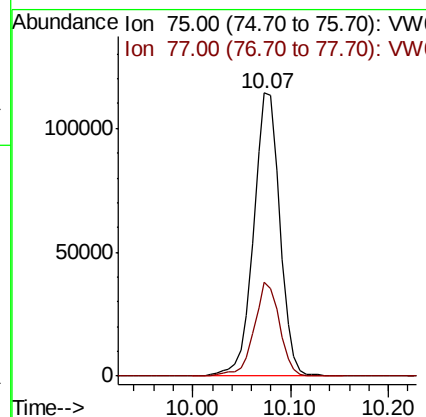
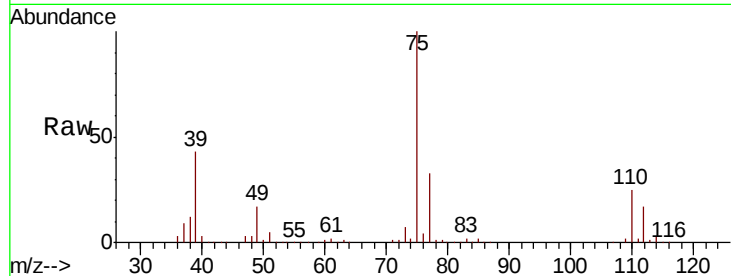




#42
 cis-1,3-Dichloropropene
 Concen: 24.050 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

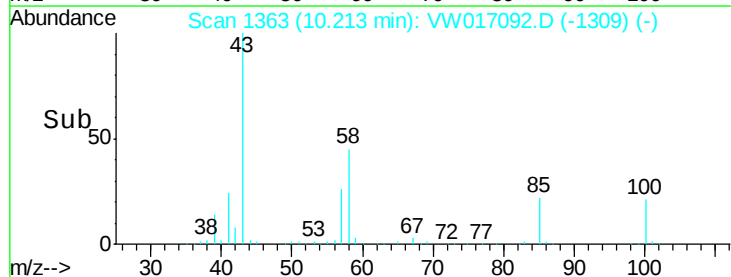
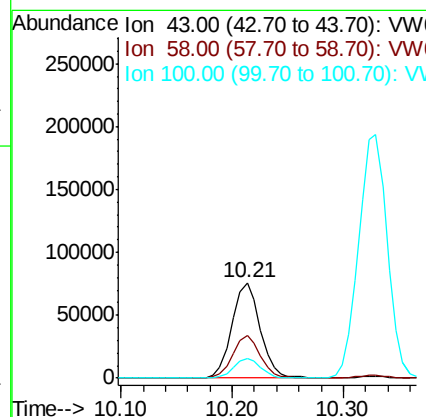
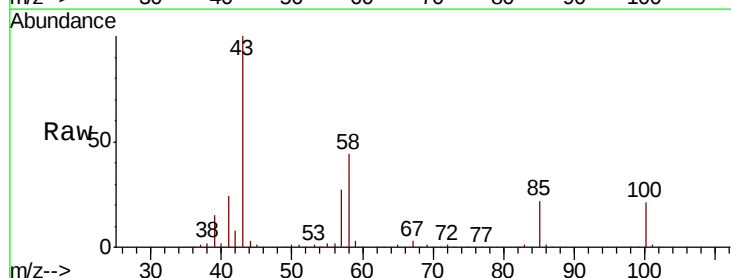
Instrument :
 MSVOA_W
 ClientSampleId :

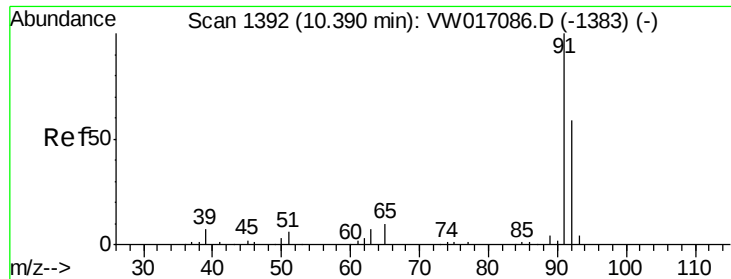
Tot Ion: 75 Resp: 213450
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.0 41.0



#43
 4-Methyl-2-pentanone
 Concen: 38.586 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion: 43 Resp: 133393
 Ion Ratio Lower Upper
 43 100
 58 43.4 35.0 52.6
 100 20.3 16.6 24.8





#44

Toluene

Concen: 24.812 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

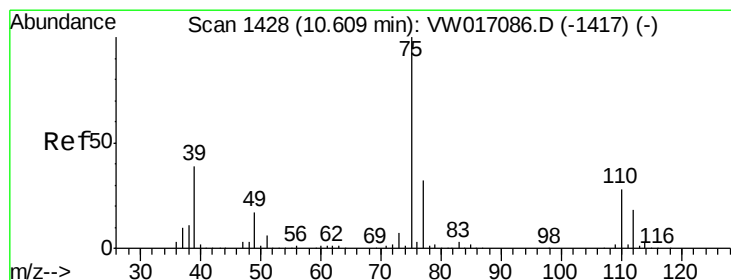
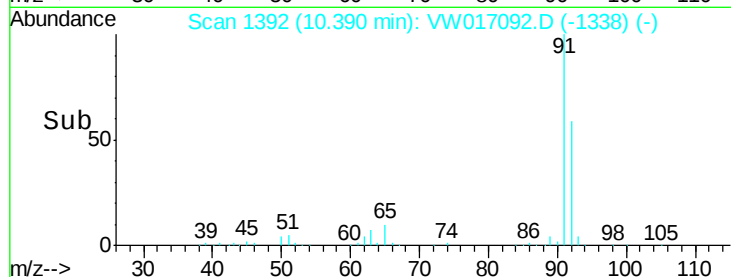
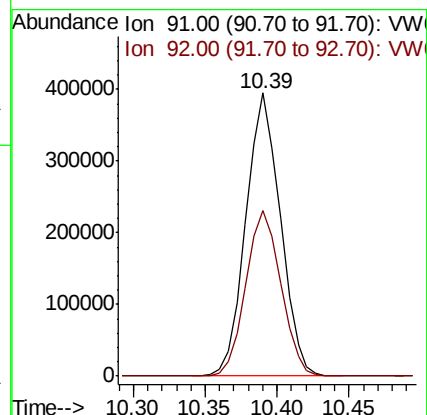
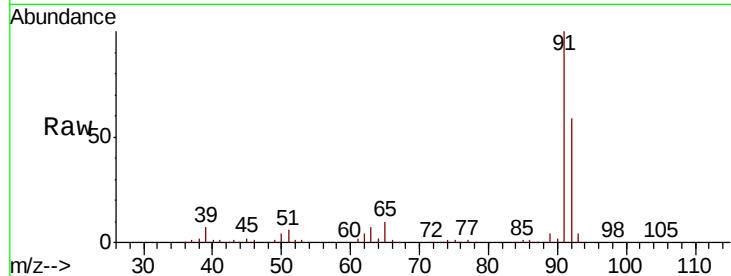
ClientSampled :

Tot Ion: 91 Resp: 654658

Ion Ratio Lower Upper

91 100

92 58.5 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 23.687 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017092.D

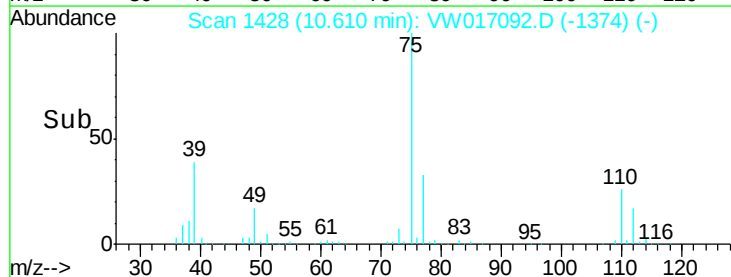
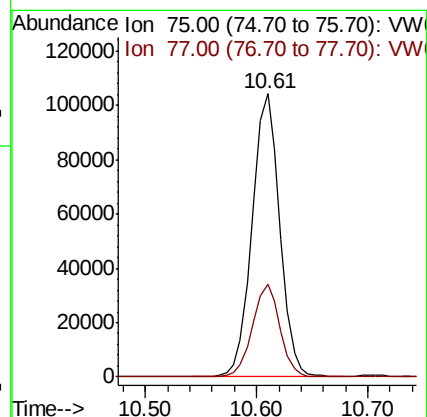
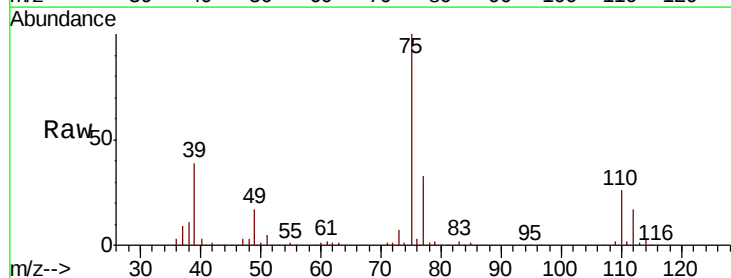
Acq: 05 Nov 2020 16:20

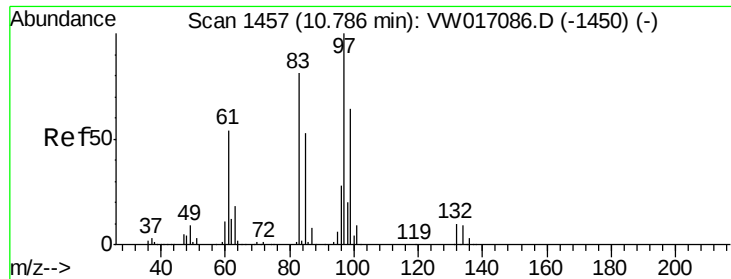
Tgt Ion: 75 Resp: 180541

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1

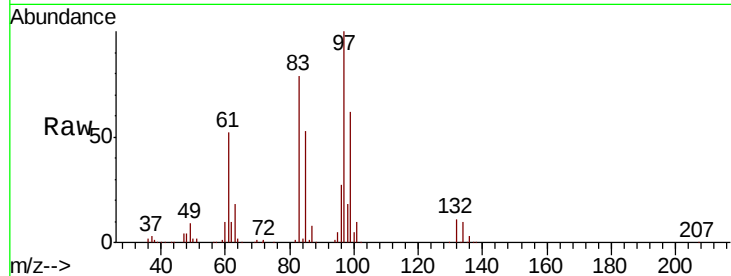




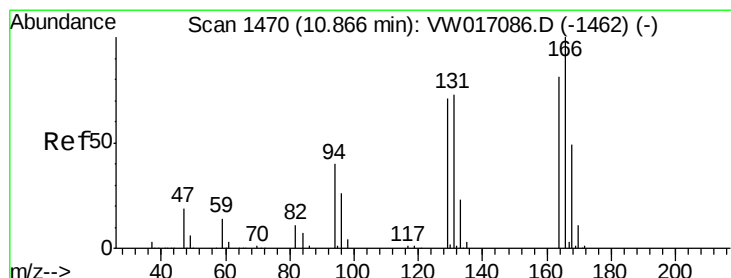
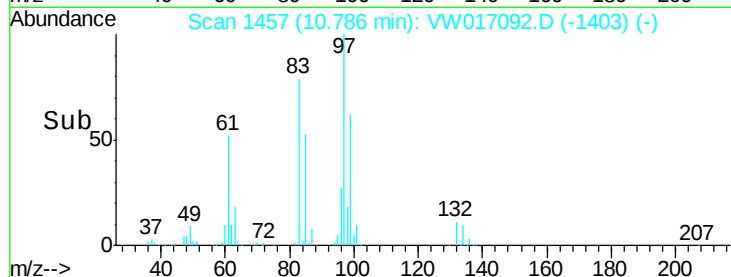
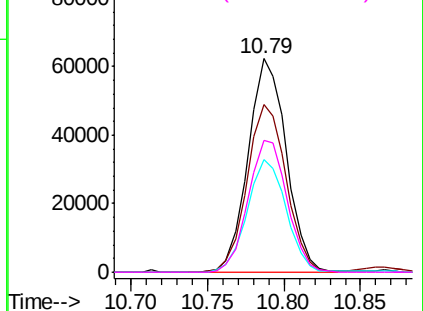
#46
 1,1,2-Trichloroethane
 Concen: 22.498 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	108691
Ion	Ratio	Lower	Upper
97	100		
83	78.6	57.3	106.5
85	52.5	37.2	69.0
99	61.5	45.7	84.9

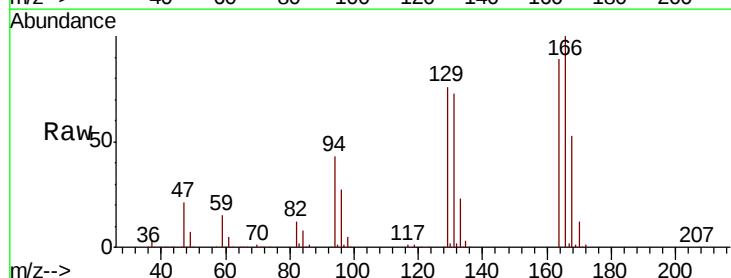


Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

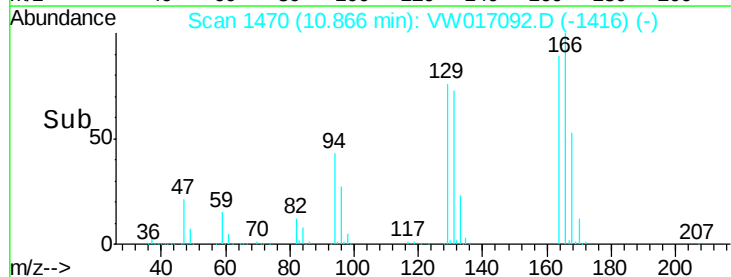
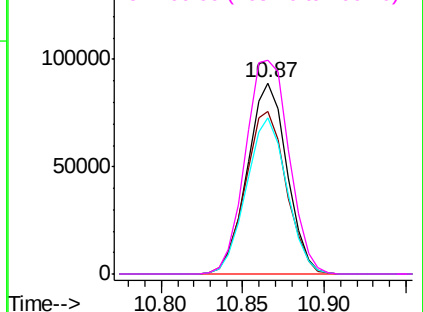


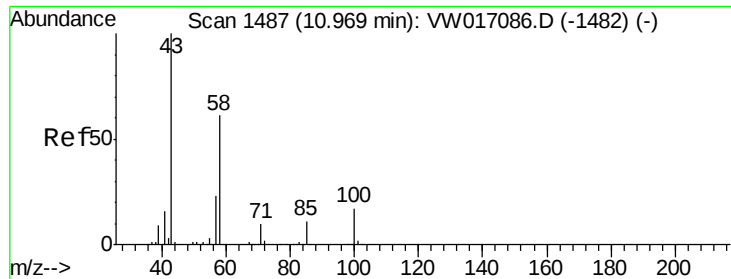
#47
 Tetrachloroethene
 Concen: 24.907 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion:	164	Resp:	150894
Ion	Ratio	Lower	Upper
164	100		
129	85.0	62.9	116.7
131	81.6	63.3	117.5
166	111.8	92.0	170.8



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

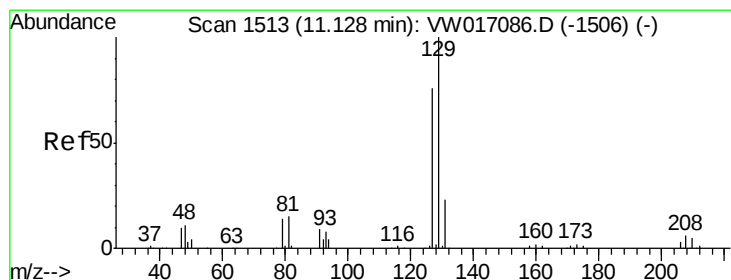
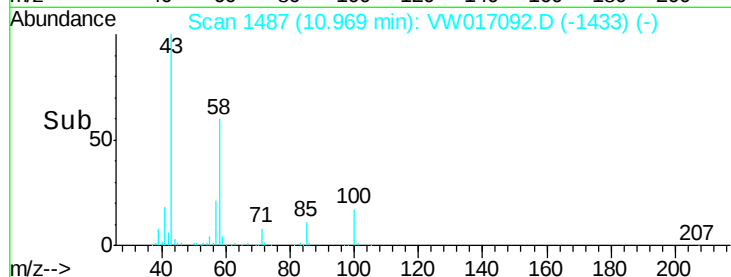
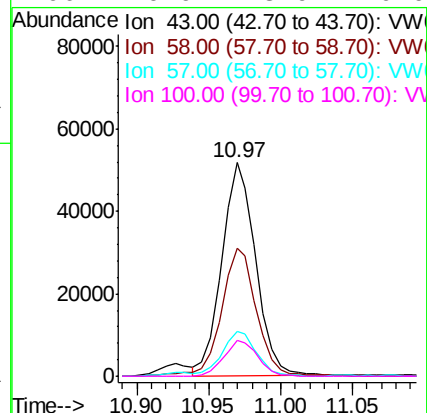
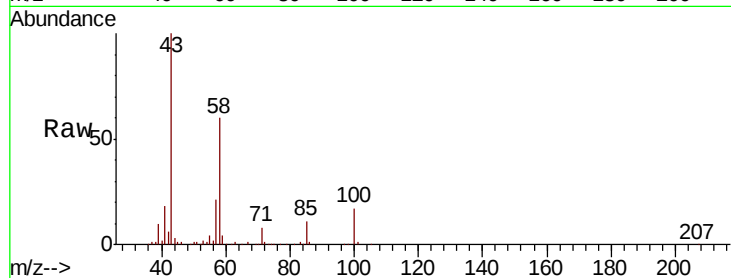




#49
2-Hexanone
Concen: 40.784 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

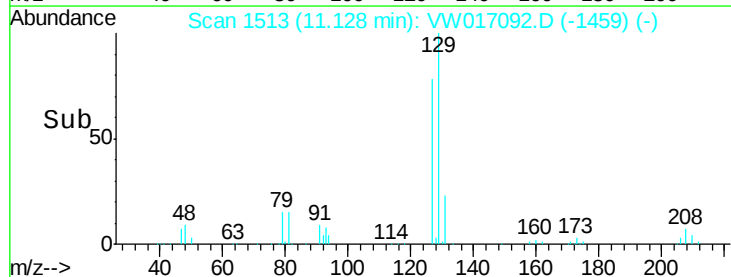
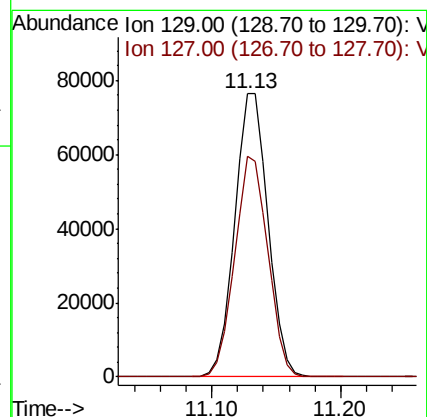
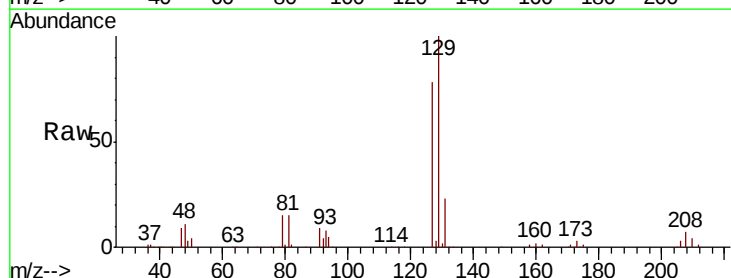
Instrument :
MSVOA_W
ClientSampleId :

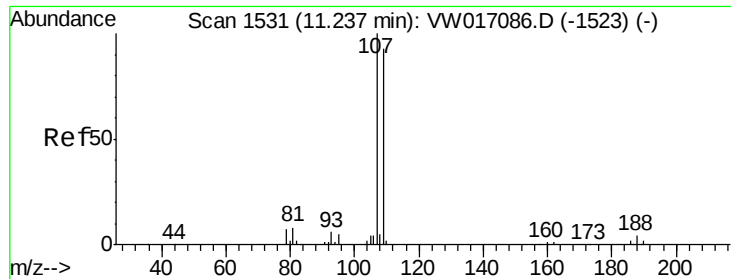
Tot Ion: 43 Resp: 85000
Ion Ratio Lower Upper
43 100
58 62.5 50.6 75.8
57 21.3 17.8 26.6
100 16.9 13.9 20.9



#50
Dibromochloromethane
Concen: 23.335 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

Tgt Ion: 129 Resp: 137346
Ion Ratio Lower Upper
129 100
127 77.9 54.3 100.9





#51

1,2-Dibromoethane

Concen: 21.923 ug/L

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW017092.D

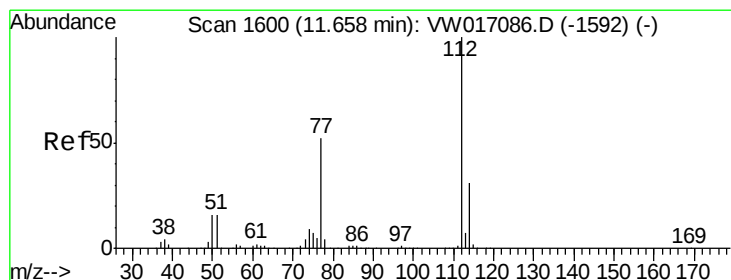
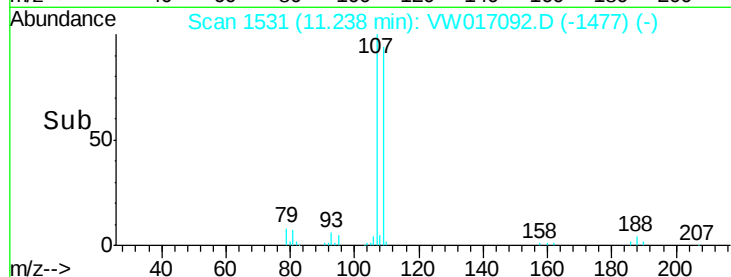
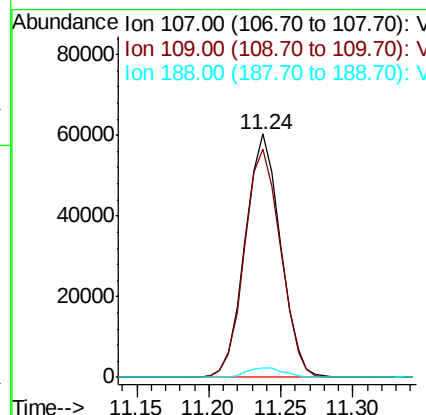
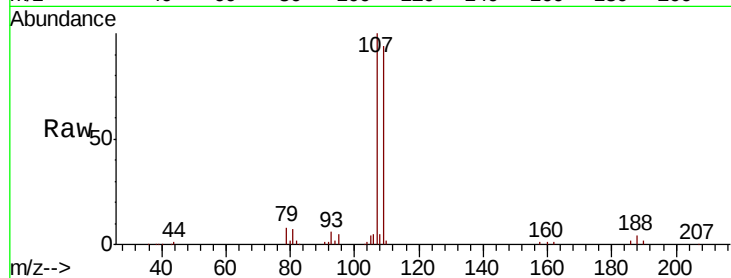
Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	107	Resp:	102894
Ion	Ratio	Lower	Upper
107	100		
109	93.7	64.3	119.5
188	3.7	3.3	4.9



#52

Chlorobenzene

Concen: 24.024 ug/L

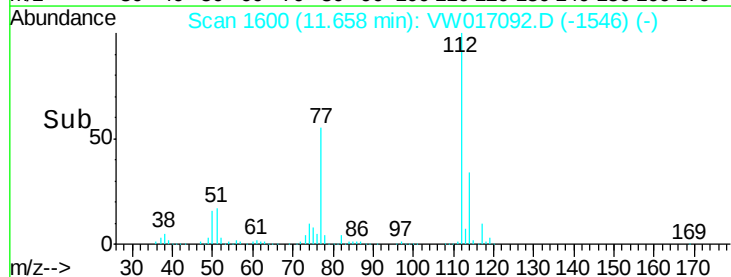
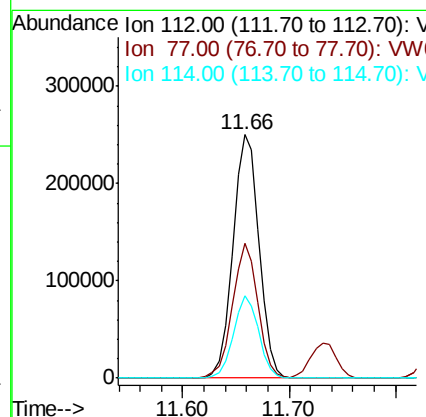
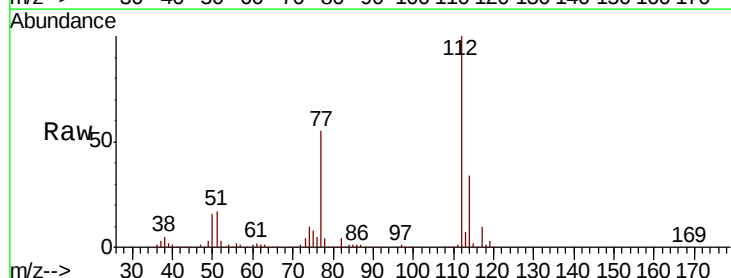
RT: 11.66 min Scan# 1600

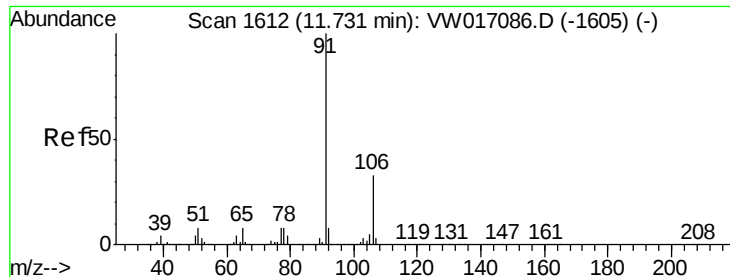
Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Tgt Ion:	112	Resp:	428724
Ion	Ratio	Lower	Upper
112	100		
77	55.5	41.7	62.5
114	33.6	22.3	41.3

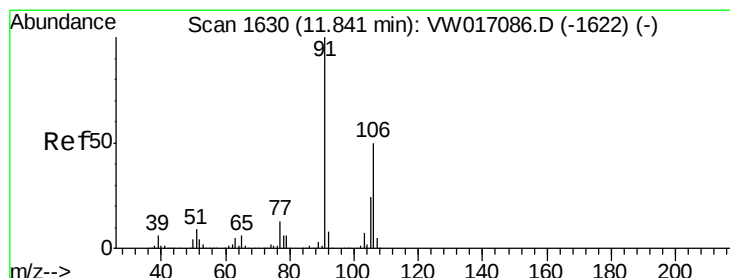
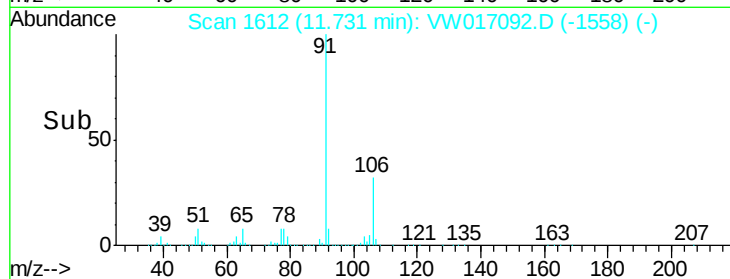
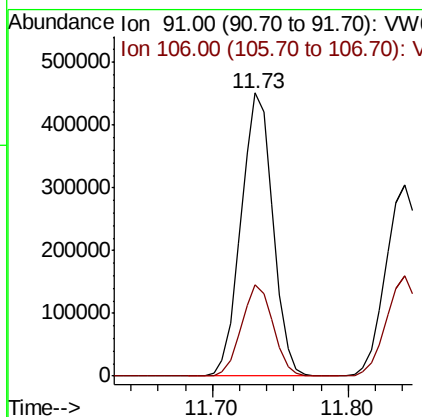
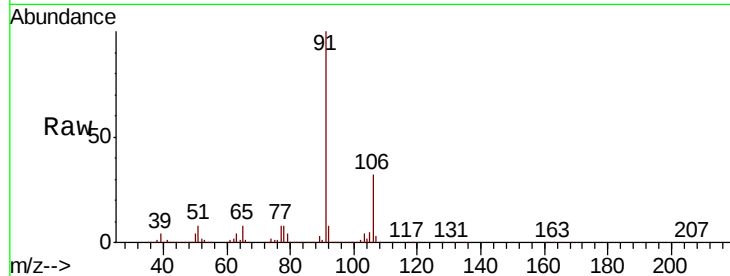




#53
Ethylbenzene
Concen: 25.074 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

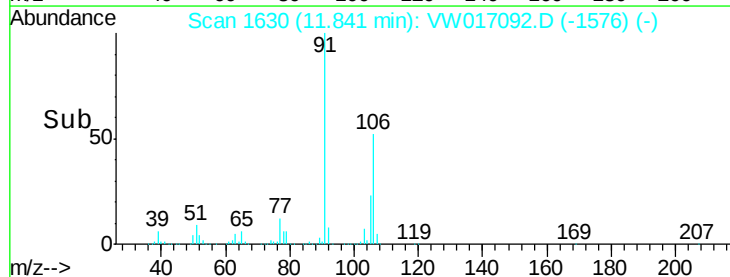
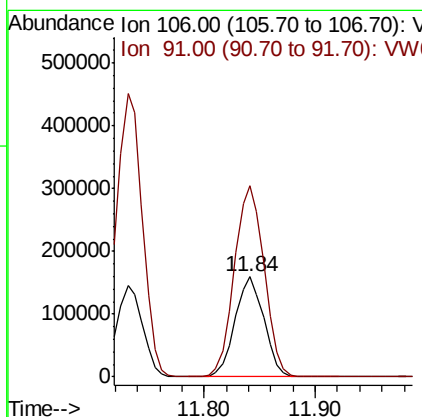
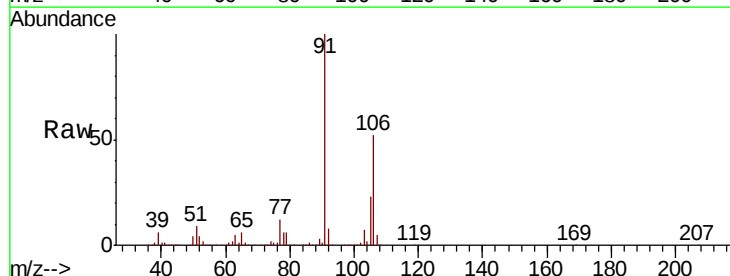
Instrument :
MSVOA_W
ClientSampled :

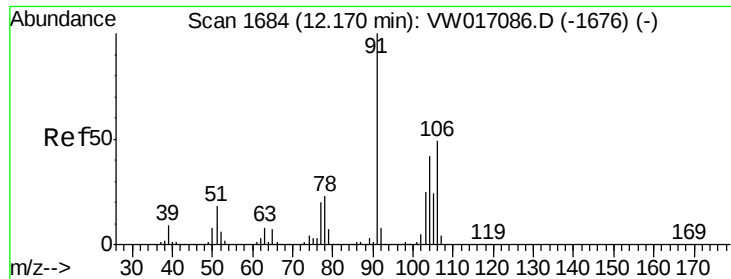
Tot Ion: 91 Resp: 738955
Ion Ratio Lower Upper
91 100
106 32.1 22.9 42.5



#54
m,p-Xylene
Concen: 24.873 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

Tgt Ion: 106 Resp: 286744
Ion Ratio Lower Upper
106 100
91 191.5 138.7 257.5

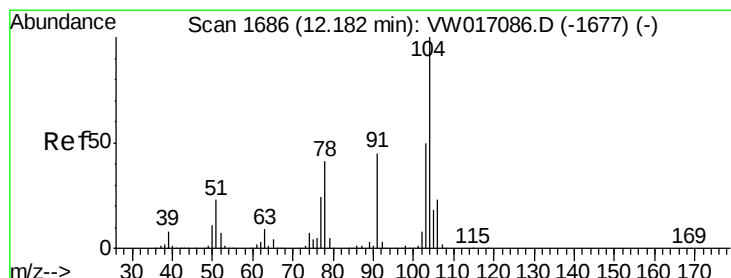
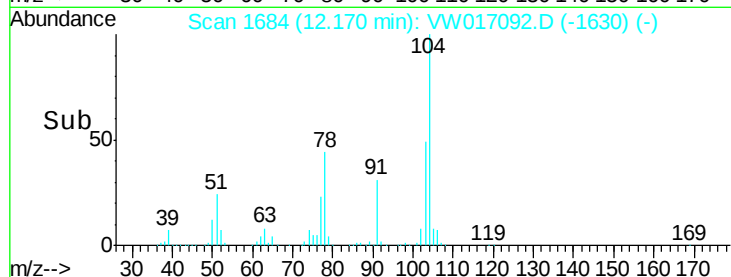
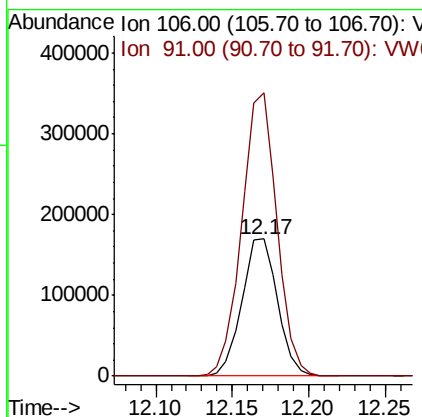
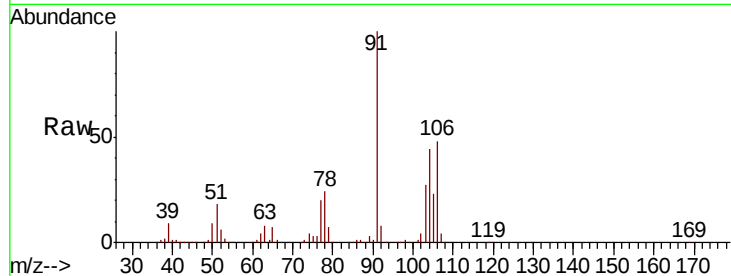




#55
o-xylene
Concen: 25.085 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

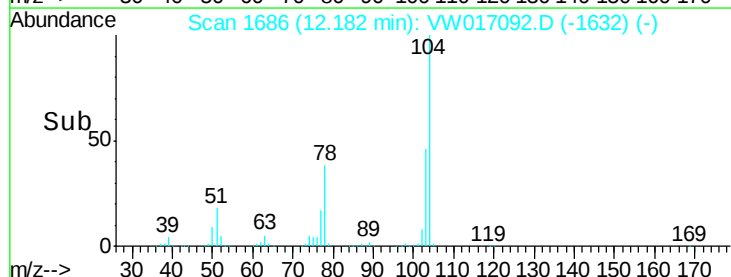
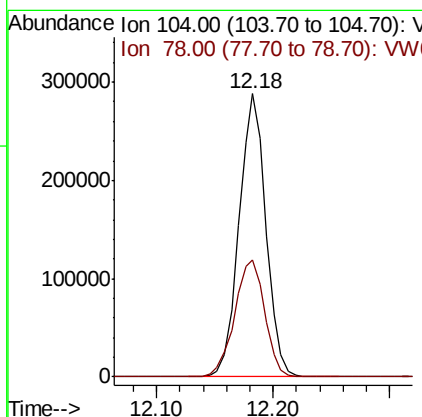
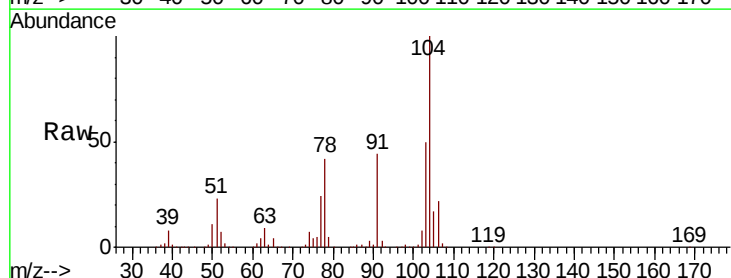
Instrument :
MSVOA_W
ClientSampled :

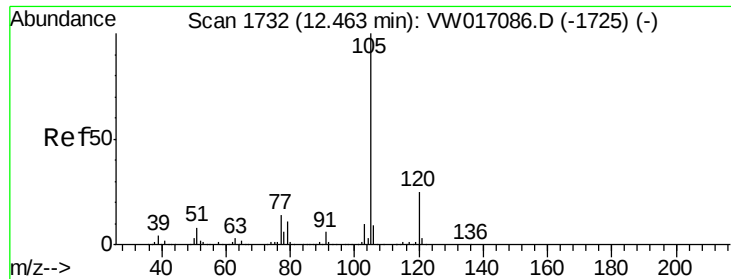
Tot Ion:106 Resp: 274491
Ion Ratio Lower Upper
106 100
91 206.3 140.8 261.4



#56
Styrene
Concen: 25.054 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017092.D
Acq: 05 Nov 2020 16:20

Tgt Ion:104 Resp: 460289
Ion Ratio Lower Upper
104 100
78 41.5 28.2 52.4





#57

Isopropylbenzene

Concen: 25.154 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

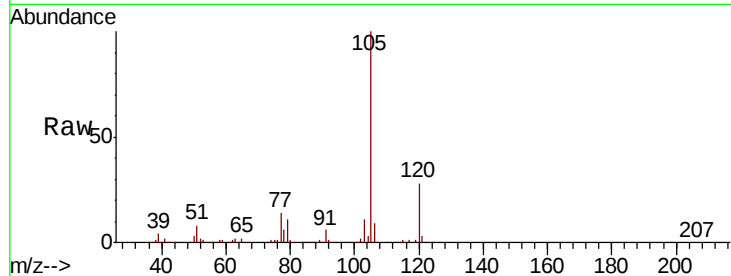
Tot Ion:105 Resp: 746968

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

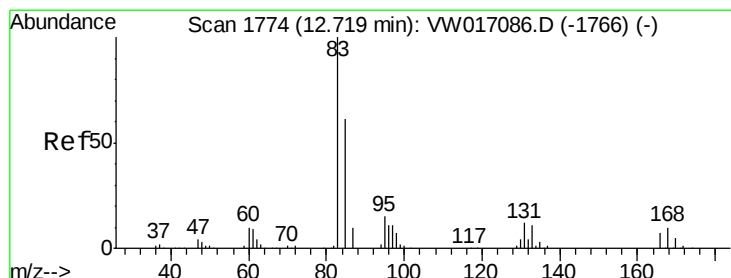
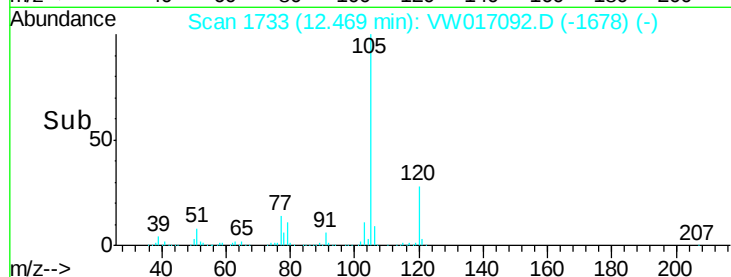
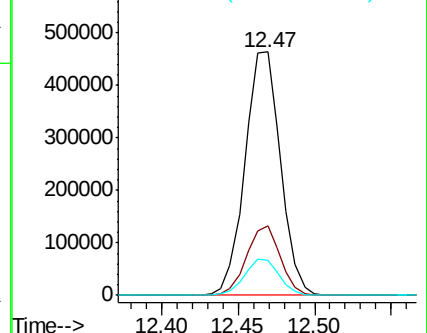
77 14.4 11.4 17.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 21.298 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

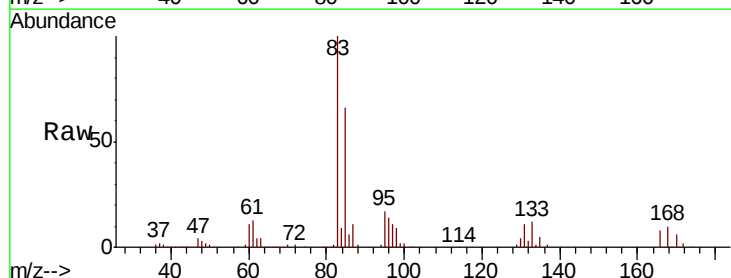
Tgt Ion: 83 Resp: 118865

Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.5

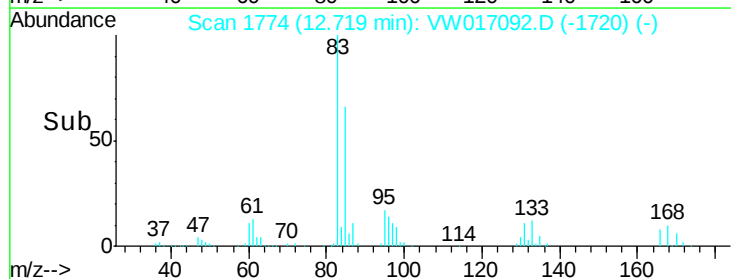
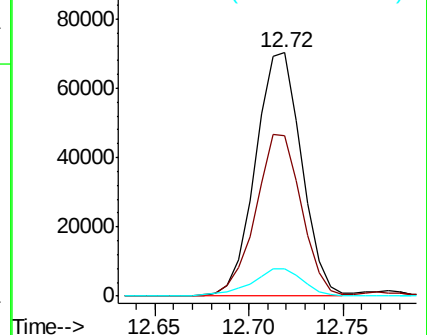
131 11.4 8.8 13.2

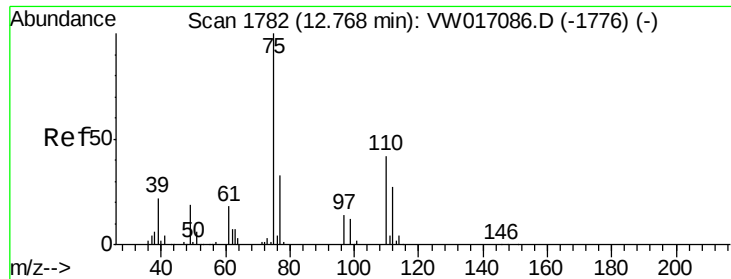


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V

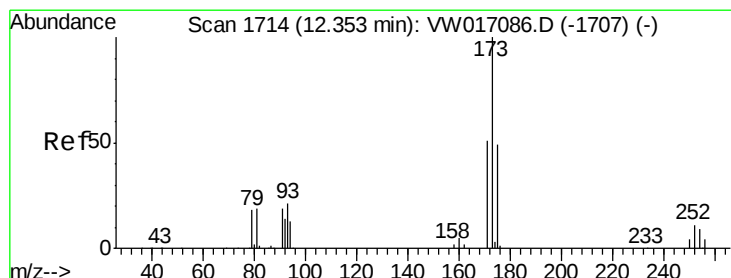
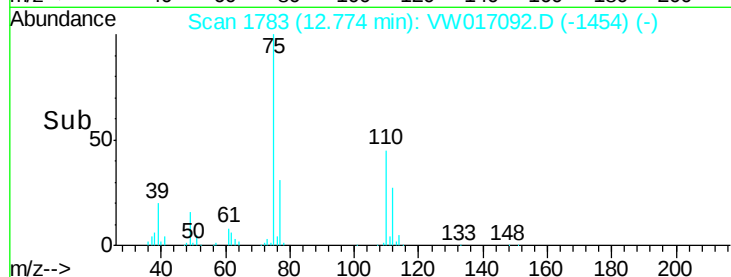
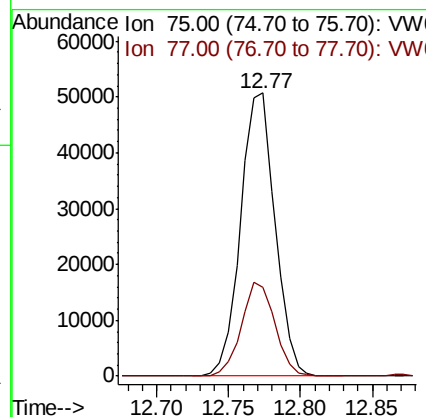
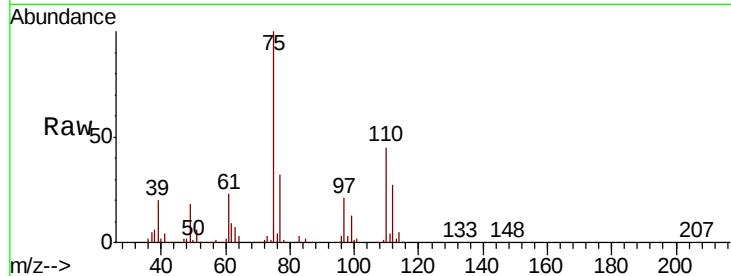




#59
 1,2,3-Trichloropropane
 Concen: 20.966 ug/L
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

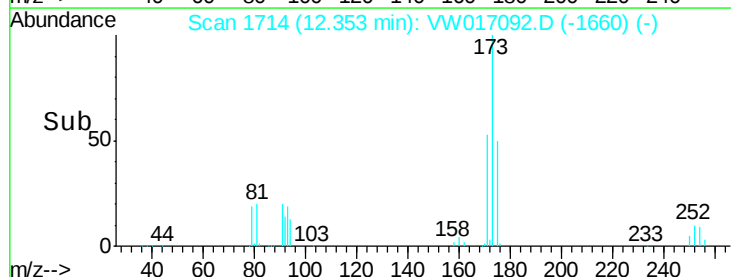
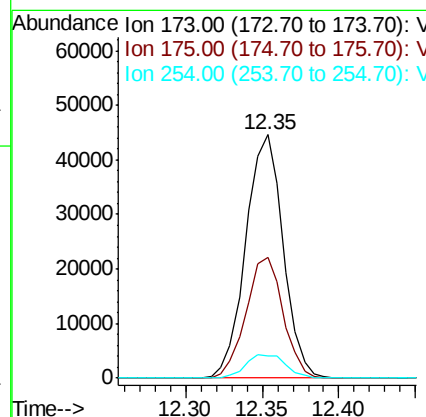
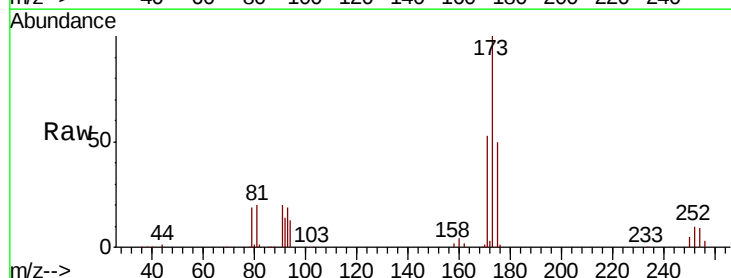
Instrument :
 MSVOA_W
 ClientSampled :

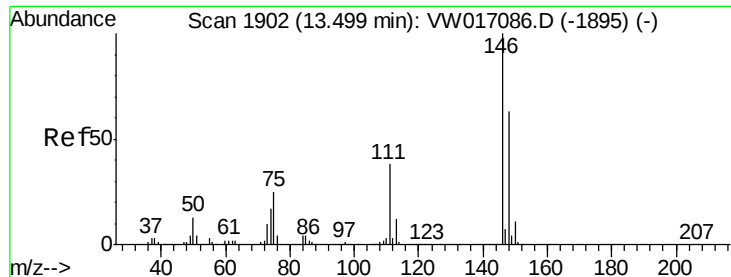
Tot Ion: 75 Resp: 84107
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6



#62
 Bromoform
 Concen: 21.526 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion: 173 Resp: 75726
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.3 57.5
 254 10.4 8.1 12.1

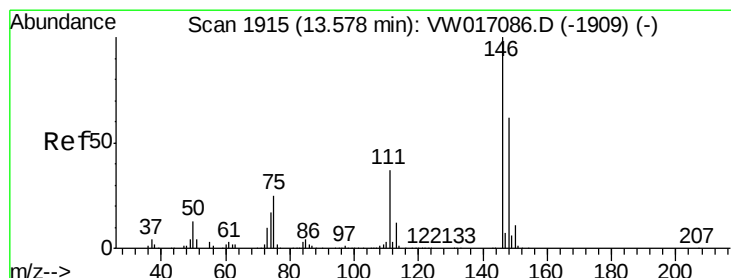
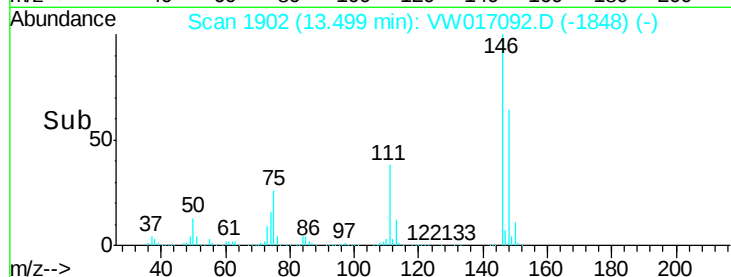
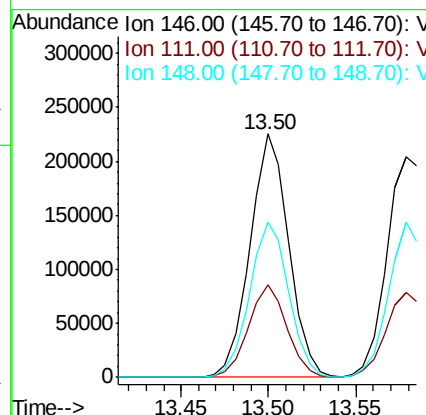
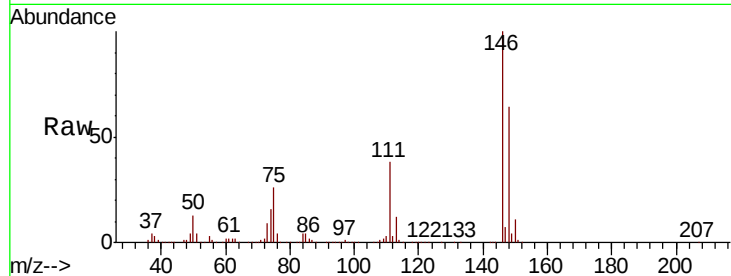




#63
 1,3-Dichlorobenzene
 Concen: 24.365 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

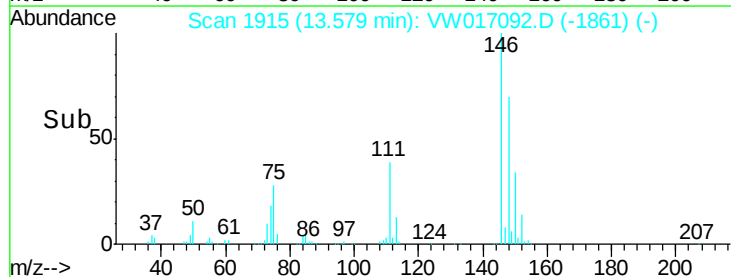
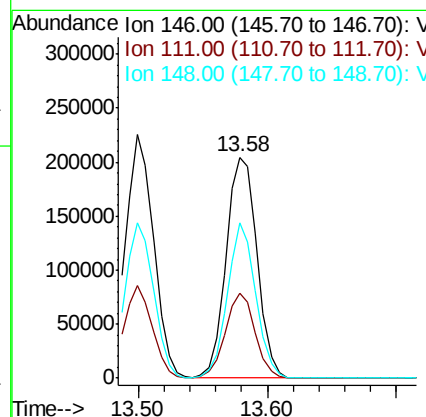
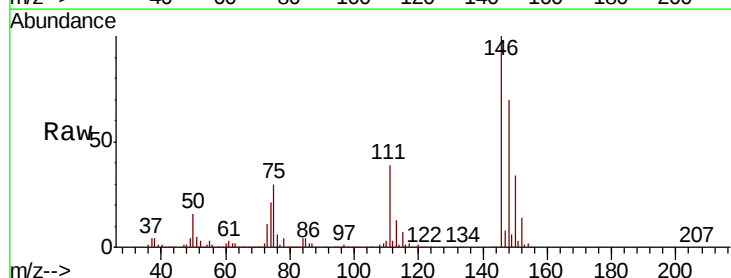
Instrument :
 MSVOA_W
 ClientSampleId :

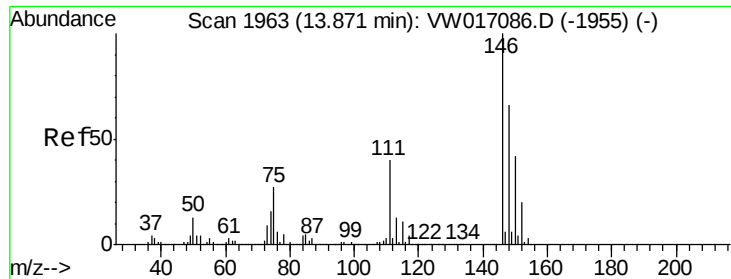
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.4	49.0
148	63.7	42.1	78.1



#64
 1,4-Dichlorobenzene
 Concen: 24.032 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	24.5	45.5
148	70.2	45.5	84.5

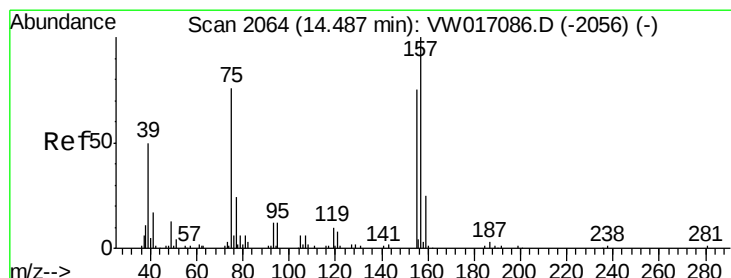
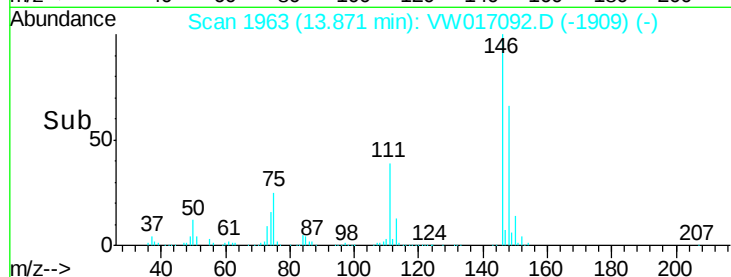
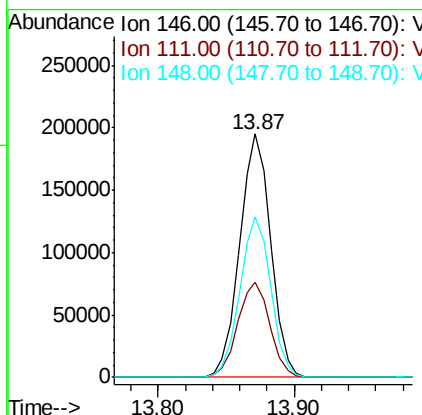
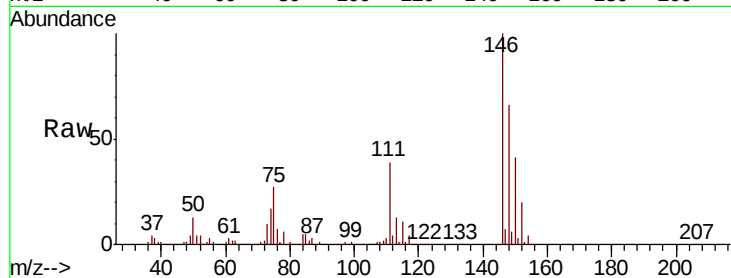




#65
 1,2-Dichlorobenzene
 Concen: 24.182 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

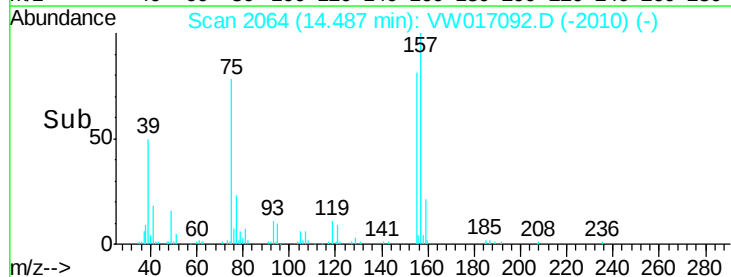
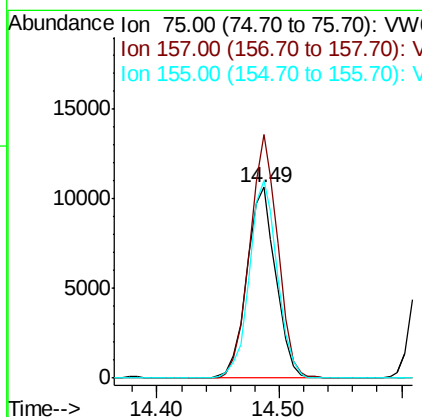
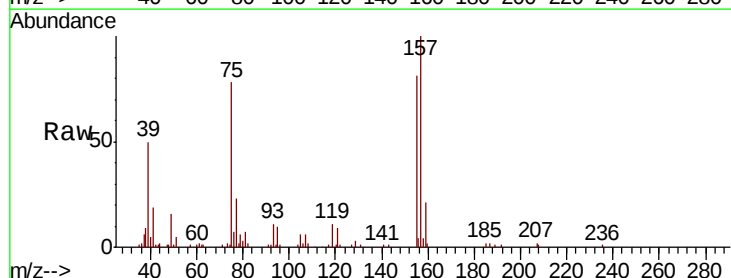
Instrument :
 MSVOA_W
 ClientSampled :

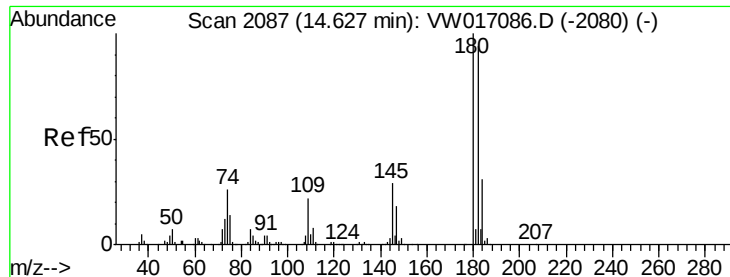
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.5	45.7
148	66.1	50.3	75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.588 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
157	127.6	108.2	162.4
155	103.7	79.1	118.7

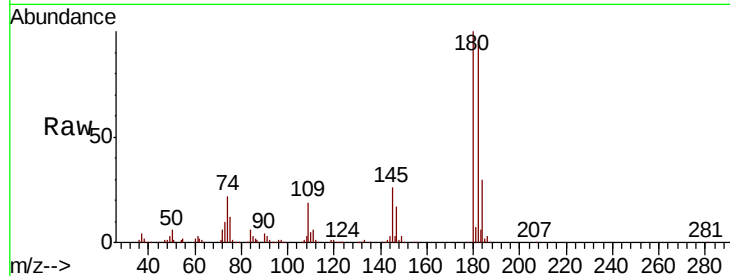




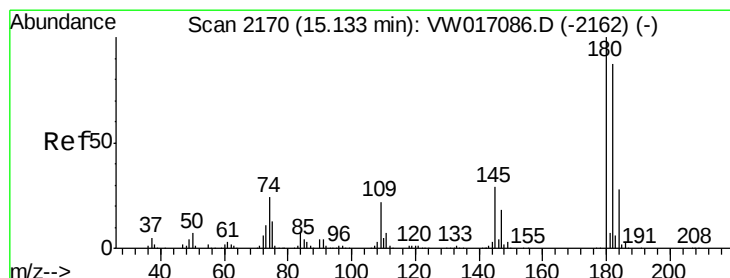
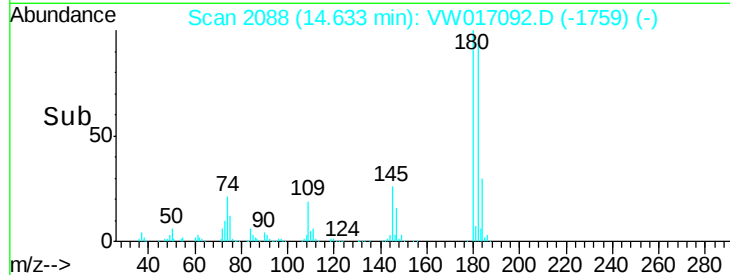
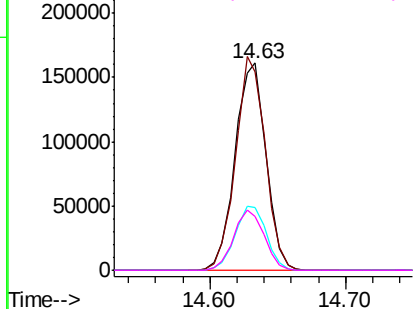
#67
 1,3,5-Trichlorobenzene
 Concen: 24.215 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180	Resp:	254386
Ion Ratio	Lower	Upper
180	100	
182	98.9	77.2 115.8
184	31.4	24.2 36.4
145	29.2	23.5 35.3

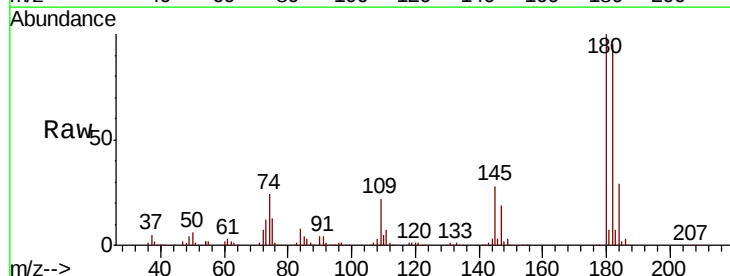


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

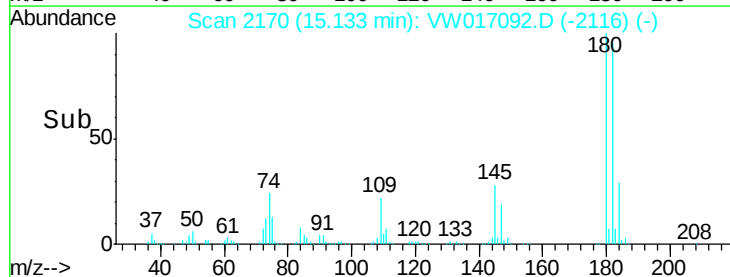
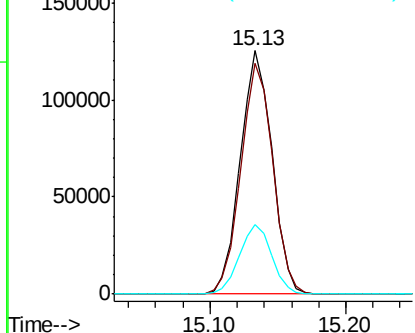


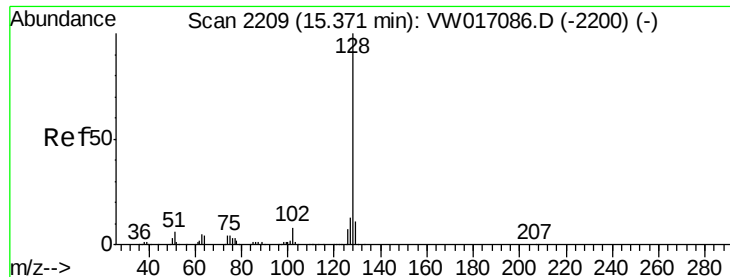
#68
 1,2,4-trichlorobenzene
 Concen: 24.478 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017092.D
 Acq: 05 Nov 2020 16:20

Tgt Ion:180	Resp:	205209
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.7 115.1
145	28.9	23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 21.510 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

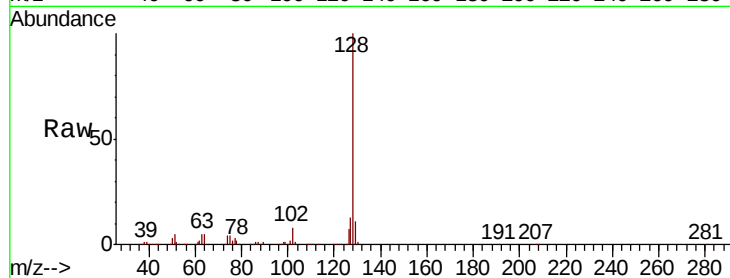
Tot Ion:128 Resp: 331851

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

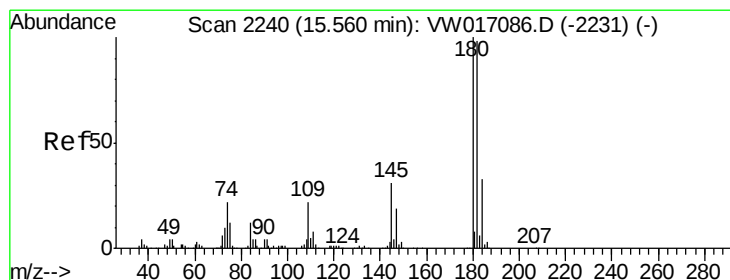
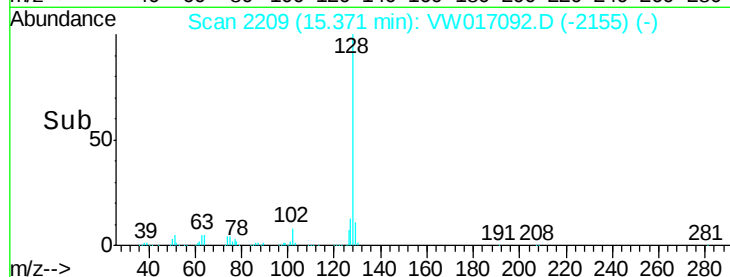
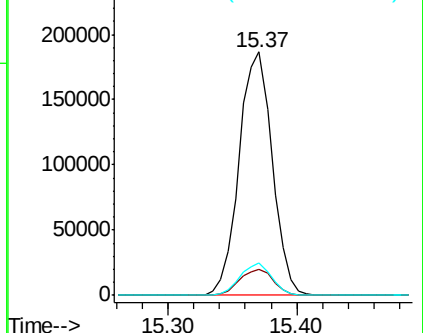
127 12.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 22.631 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017092.D

Acq: 05 Nov 2020 16:20

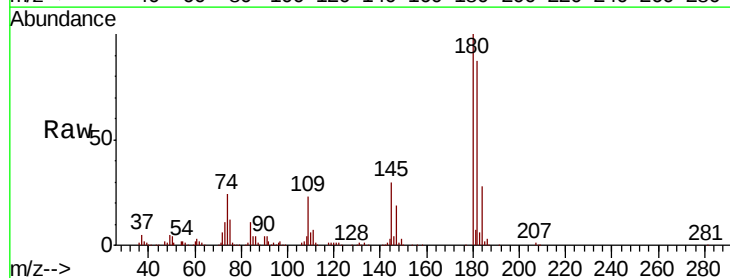
Tgt Ion:180 Resp: 173353

Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

145 31.1 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

