

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120820\
 Data File : VW017591.D
 Acq On : 08 Dec 2020 17:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 06:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 06:19:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	391708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116383	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
7) Chloroethane-d5	2.90	69	99382	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	4.03	63	270111	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.20%
20) 2-Butanone-d5	7.09	46	61845	56.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.82%
24) Chloroform-d	7.65	84	283000	25.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.72%
26) 1,2-Dichloroethane-d4	8.31	65	143082	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.28	84	525354	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.28	67	150038	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.33	98	487076	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.58	79	67722	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.24%
39) 2-Hexanone-d5	10.93	63	41815	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120608	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	170997	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	74907	20.124	ug/L 94
3) Chloromethane	2.22	50	88260	23.032	ug/L 99
5) Vinyl chloride	2.37	62	131630	27.698	ug/L 95
6) Bromomethane	2.79	94	88669	25.910	ug/L 100
8) Chloroethane	2.93	64	82730	25.910	ug/L 99
9) Trichlorofluoromethane	3.27	101	132232	24.299	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	145165	26.062	ug/L # 70
12) 1,1-Dichloroethene	4.05	96	136487	25.129	ug/L 93
13) Acetone	4.14	43	56736	54.260	ug/L 93
14) Carbon disulfide	4.40	76	378697	24.377	ug/L 99
15) Methyl Acetate	4.68	43	50772	27.895	ug/L 95
16) Methylene chloride	4.92	84	69633	11.840	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	156510	26.791	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	138587	24.822	ug/L 99
19) 1,1-Dichloroethane	6.23	63	246298	26.127	ug/L 98
21) 2-Butanone	7.18	43	71124	56.841	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	147886	25.386	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV120820\
 Data File : VW017591.D
 Acq On : 08 Dec 2020 17:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 06:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 06:19:27 2020
 Response via : Initial Calibration

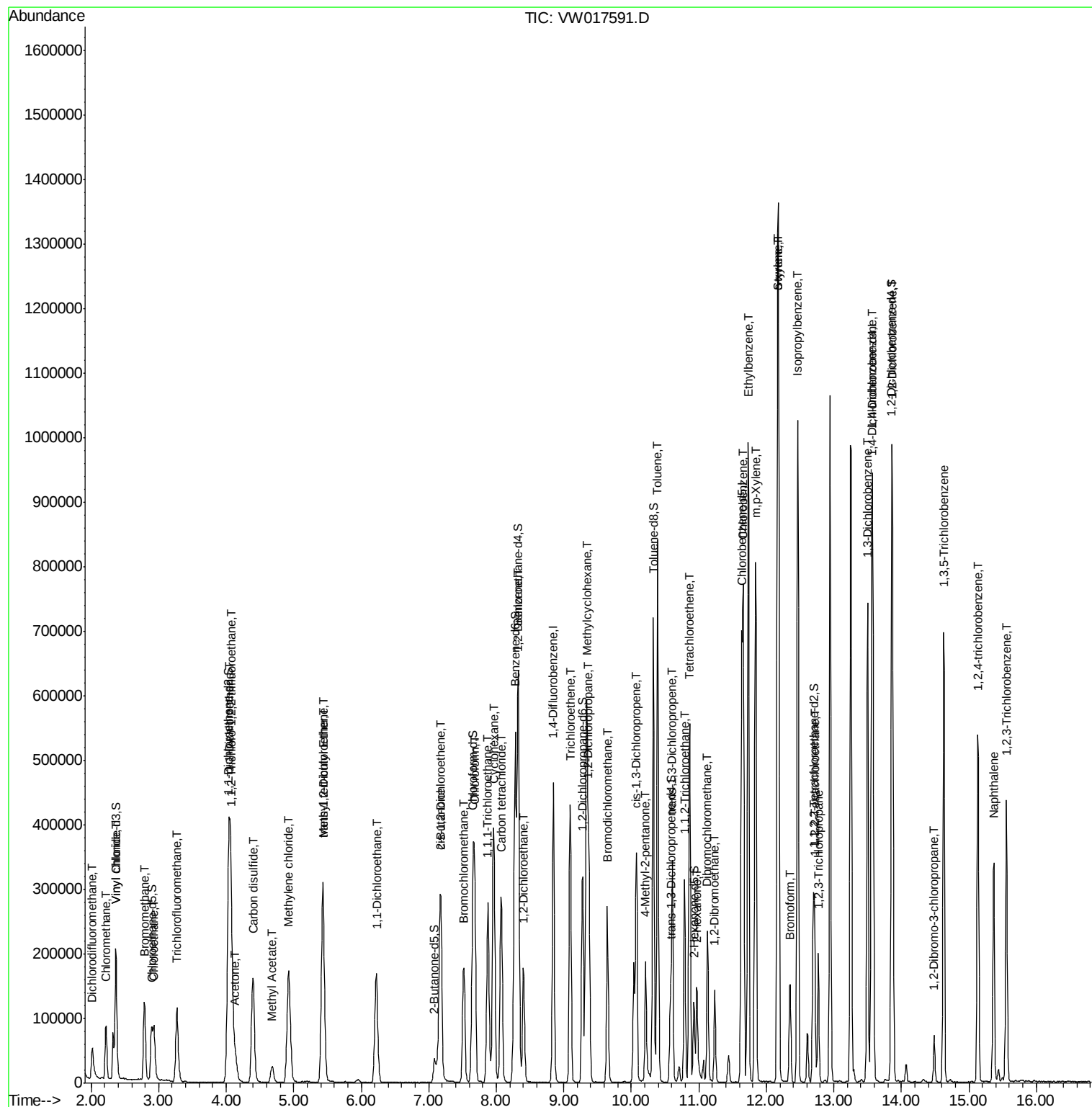
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	67056	25.341	ug/L	95
25) Chloroform	7.68	83	262273	26.354	ug/L	100
27) 1,2-Dichloroethane	8.40	62	161729	26.984	ug/L	99
30) Cyclohexane	7.96	56	216833	25.833	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	229608	27.569	ug/L	100
32) Carbon tetrachloride	8.07	117	216437	26.764	ug/L	96
34) Benzene	8.33	78	555748	26.276	ug/L	100
35) Trichloroethene	9.10	95	152367	25.986	ug/L	96
36) Methylcyclohexane	9.34	83	240227	24.775	ug/L	98
40) 1,2-Dichloropropane	9.37	63	132663	26.704	ug/L	99
41) Bromodichloromethane	9.65	83	182700	26.617	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	209571	27.236	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135424	59.212	ug/L	97
44) Toluene	10.39	91	600874	26.401	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	183949	27.897	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	99303	26.678	ug/L	96
47) Tetrachloroethene	10.87	164	125337	25.088	ug/L	93
49) 2-Hexanone	10.97	43	102687	63.575	ug/L	88
50) Dibromochloromethane	11.13	129	122060	26.251	ug/L	98
51) 1,2-Dibromoethane	11.24	107	93059	26.086	ug/L #	93
52) Chlorobenzene	11.66	112	380104	25.505	ug/L	94
53) Ethylbenzene	11.73	91	682337	26.442	ug/L	100
54) m,p-Xylene	11.84	106	258932	26.299	ug/L	99
55) o-xylene	12.17	106	241268	26.311	ug/L	100
56) Styrene	12.18	104	418407	27.123	ug/L	99
57) Isopropylbenzene	12.46	105	678793	26.949	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	113729	28.387	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	81017	27.397	ug/L	98
62) Bromoform	12.35	173	71336	27.203	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	307807	25.806	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	295779	25.031	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	272592	26.239	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	17586	26.291	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	208349	24.383	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	173872	25.171	ug/L	96
69) Naphthalene	15.37	128	289147	27.109	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	148903	25.843	ug/L	98

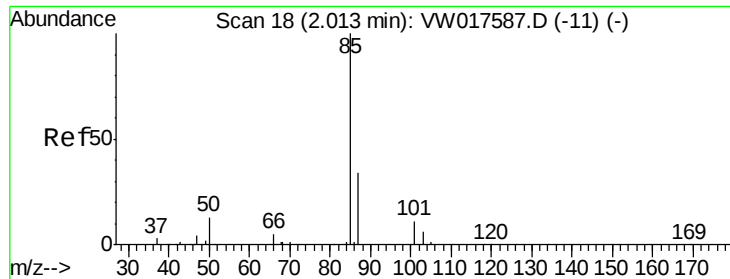
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120820\
Data File : VW017591.D
Acq On : 08 Dec 2020 17:01
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Dec 20 06:20:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 06:19:27 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 20.124 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

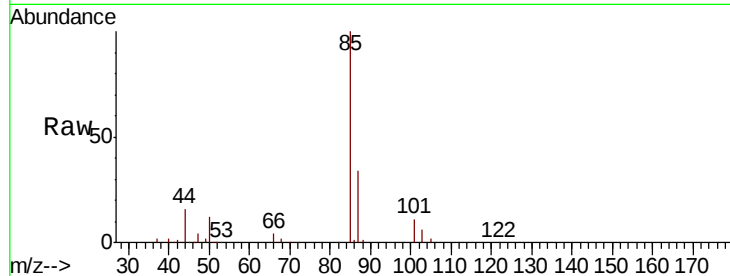
ClientSampled :

Tot Ion: 85 Resp: 74907

Ion Ratio Lower Upper

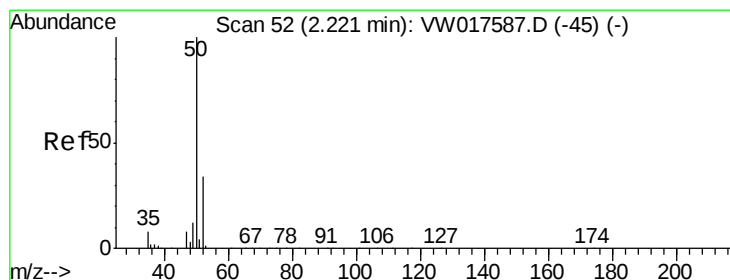
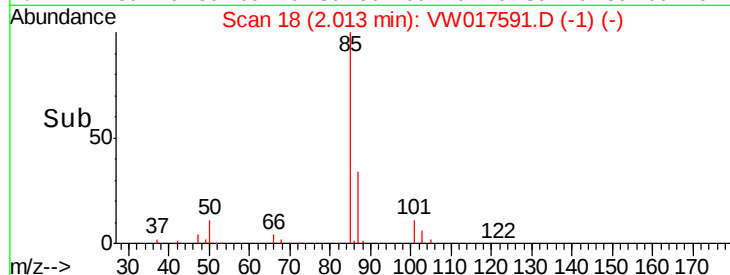
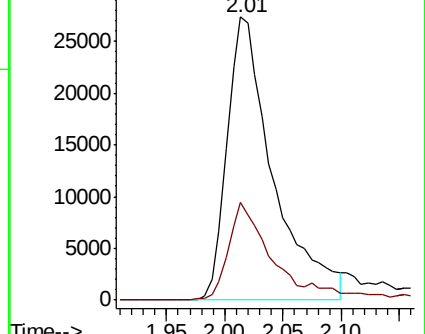
85 100

87 29.7 23.2 43.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.032 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW017591.D

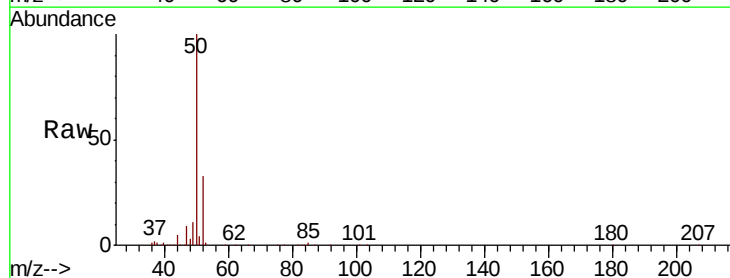
Acq: 08 Dec 2020 17:01

Tgt Ion: 50 Resp: 88260

Ion Ratio Lower Upper

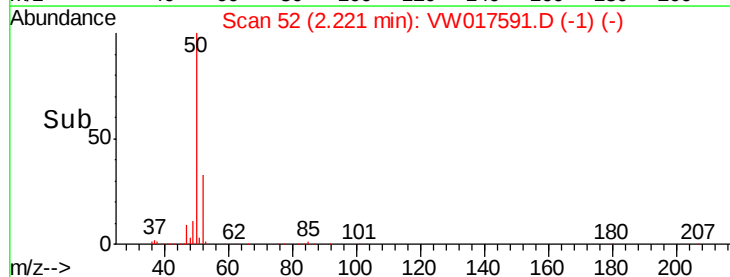
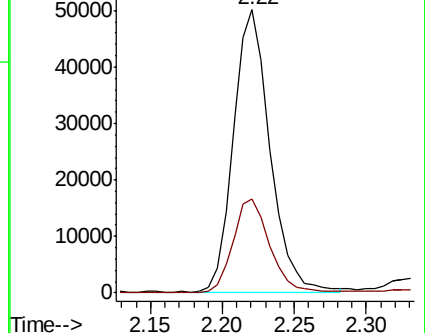
50 100

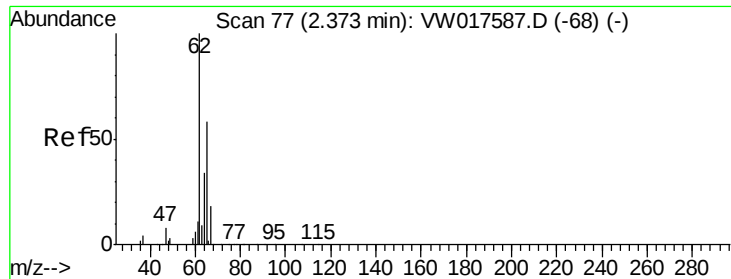
52 33.0 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 27.698 ug/L

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

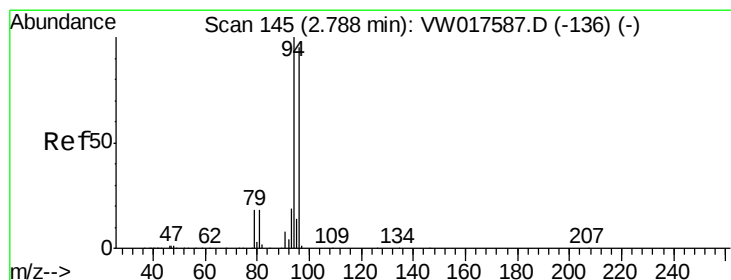
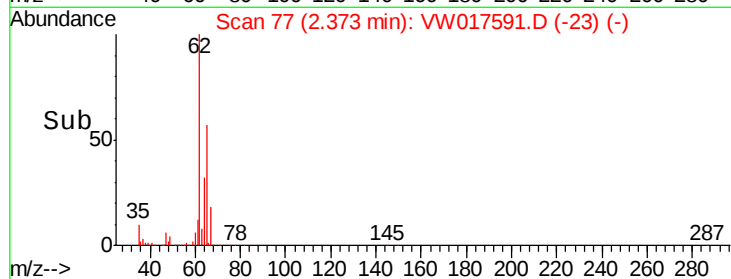
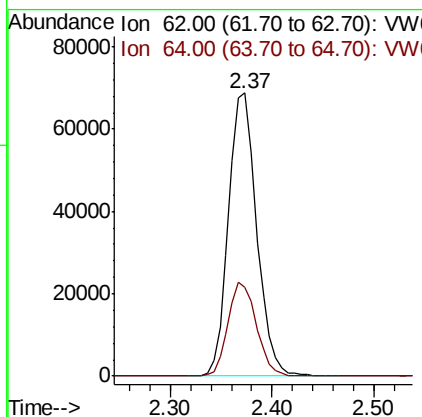
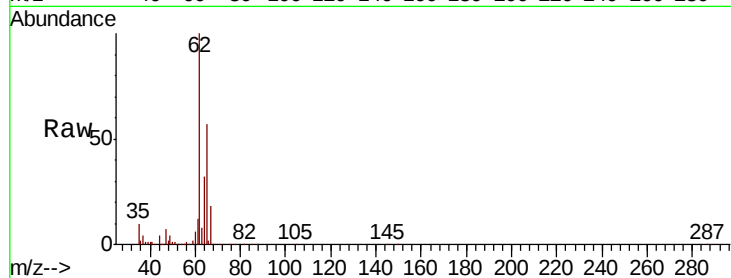
ClientSampleId :

Tot Ion: 62 Resp: 131630

Ion Ratio Lower Upper

62 100

64 31.6 23.9 44.5



#6

Bromomethane

Concen: 25.910 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW017591.D

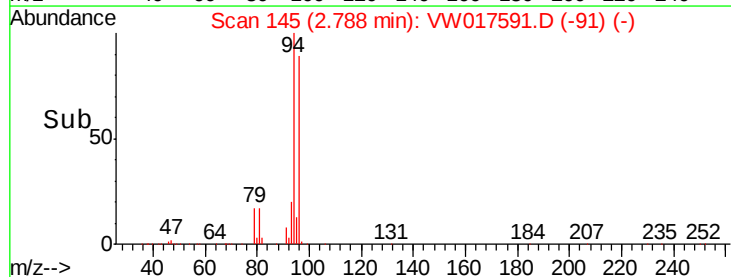
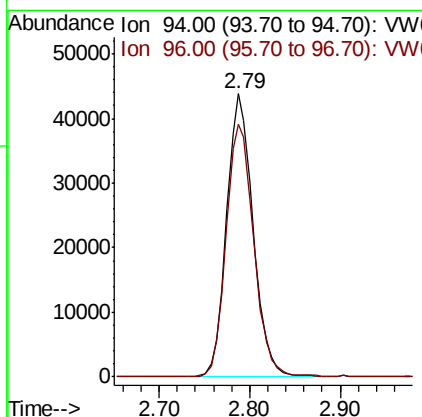
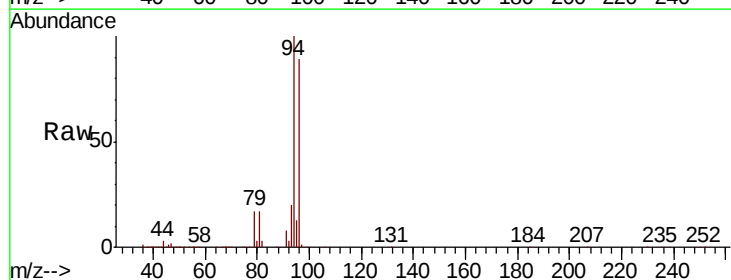
Acq: 08 Dec 2020 17:01

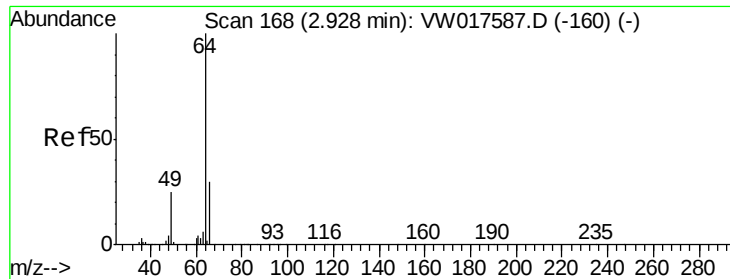
Tgt Ion: 94 Resp: 88669

Ion Ratio Lower Upper

94 100

96 93.3 9.4 178.0





#8

Chloroethane

Concen: 25.910 ug/L

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

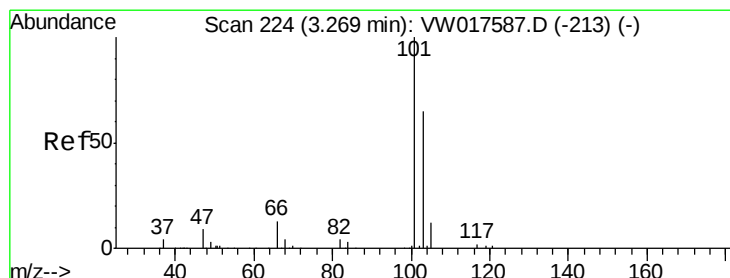
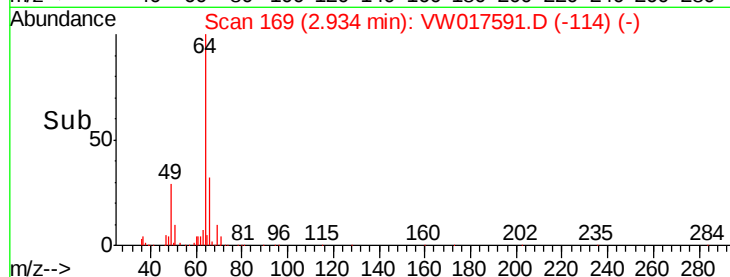
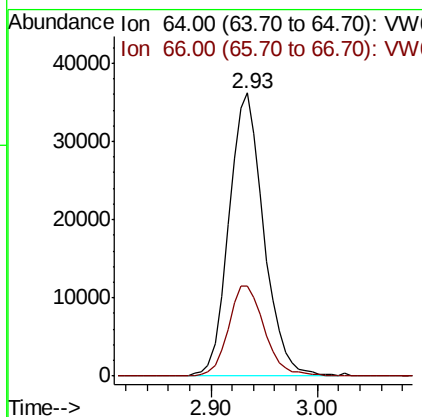
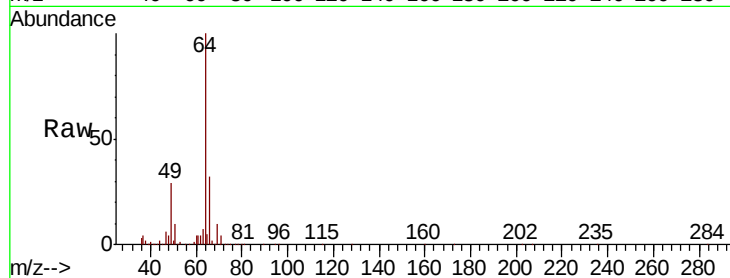
ClientSampleId :

Tot Ion: 64 Resp: 82730

Ion Ratio Lower Upper

64 100

66 32.0 22.0 41.0



#9

Trichlorofluoromethane

Concen: 24.299 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.00 min

Lab File: VW017591.D

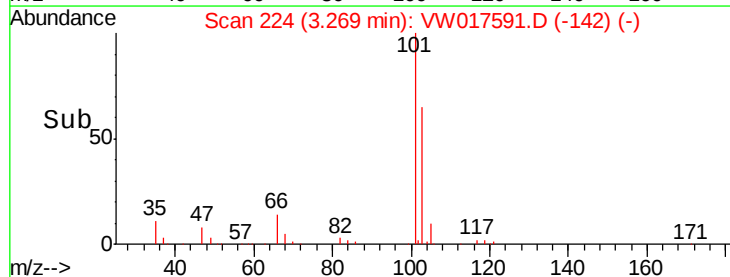
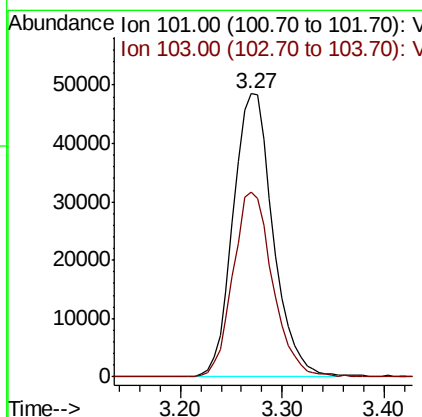
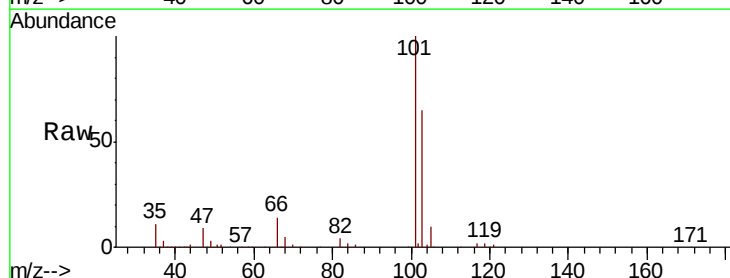
Acq: 08 Dec 2020 17:01

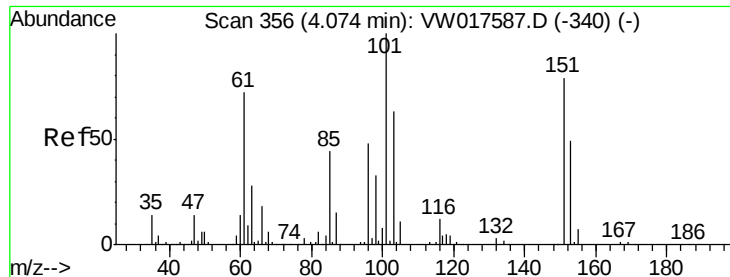
Tgt Ion: 101 Resp: 132232

Ion Ratio Lower Upper

101 100

103 64.7 45.0 83.6





#11

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

Concen: 26.062 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

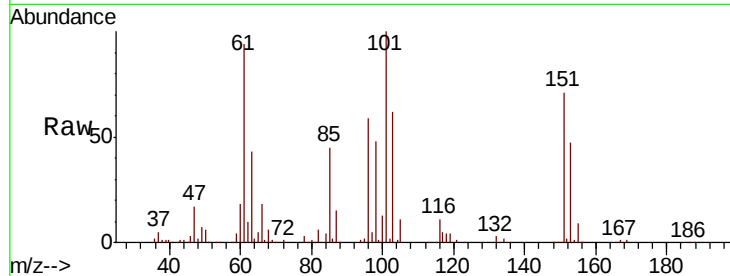
Tot Ion:101 Resp: 145165

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

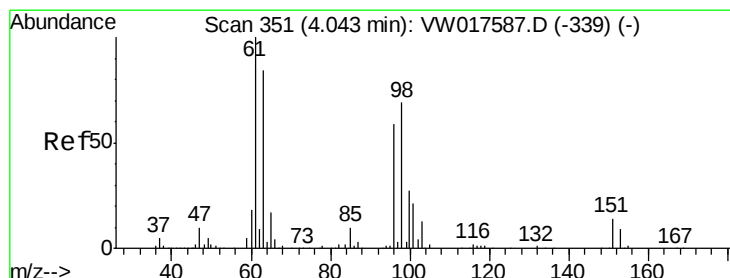
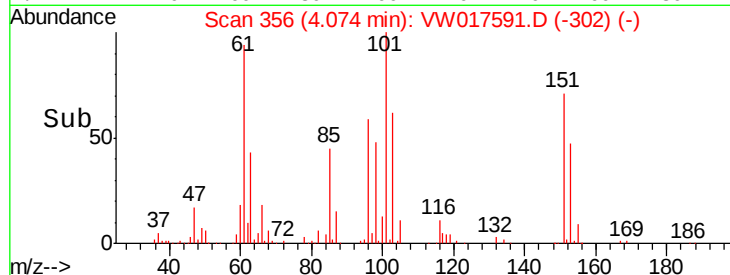
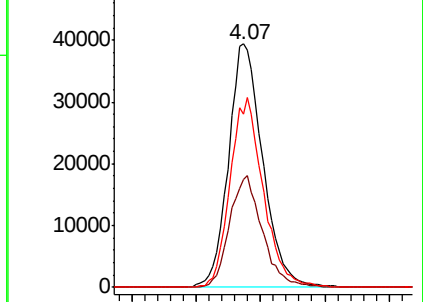
151 75.1 30.4 45.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.129 ug/L

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

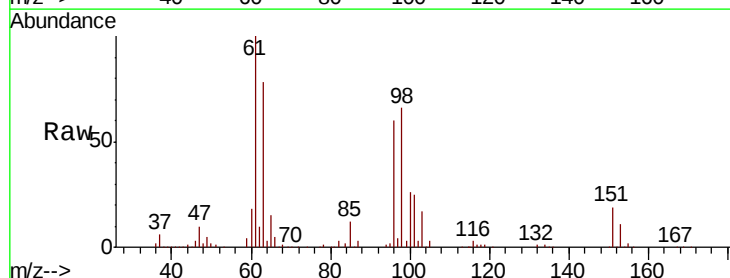
Tgt Ion: 96 Resp: 136487

Ion Ratio Lower Upper

96 100

61 167.6 112.5 208.9

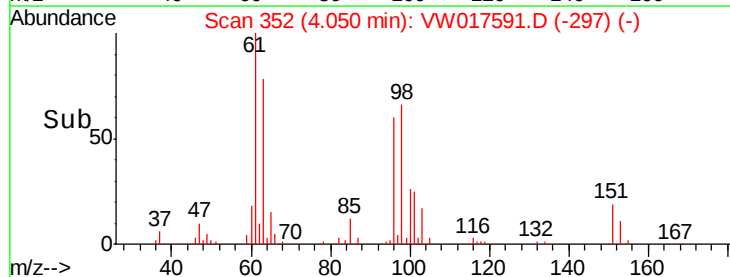
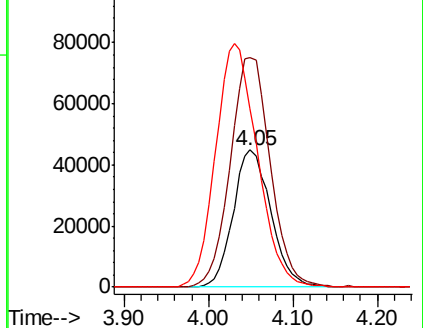
63 130.1 83.1 154.3

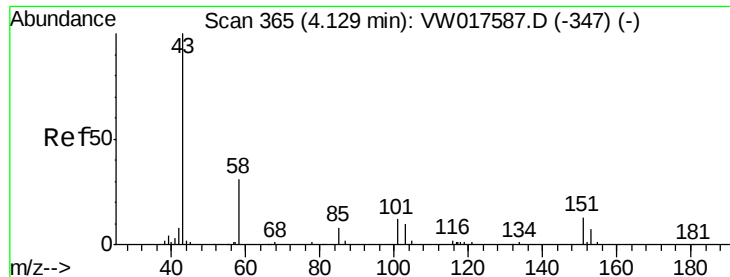


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 54.260 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

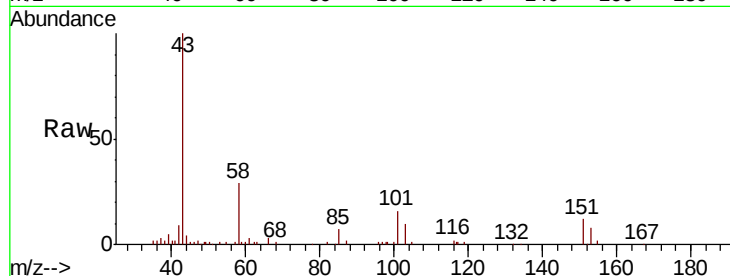
ClientSampled :

Tot Ion: 43 Resp: 56736

Ion Ratio Lower Upper

43 100

58 30.1 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

20000

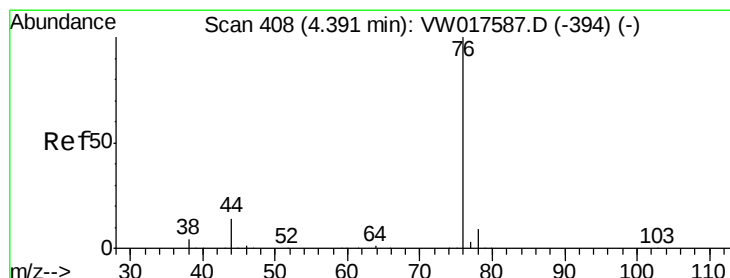
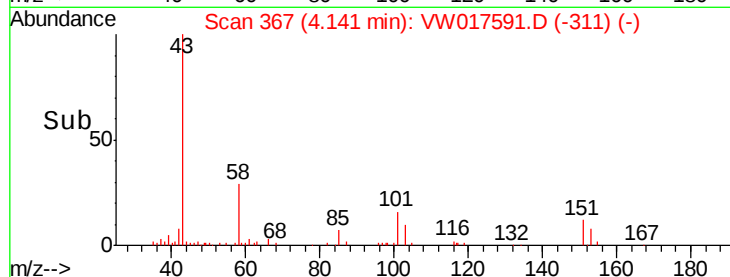
15000

10000

5000

0

Time-->



#14

Carbon disulfide

Concen: 24.377 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017591.D

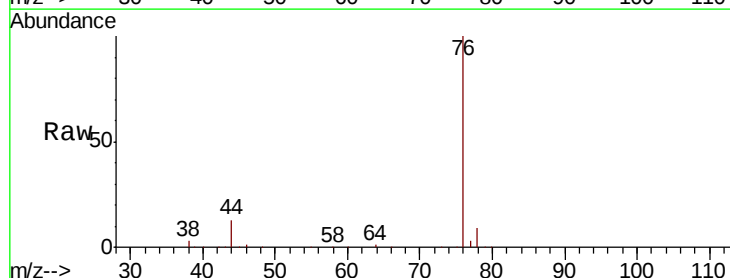
Acq: 08 Dec 2020 17:01

Tgt Ion: 76 Resp: 378697

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

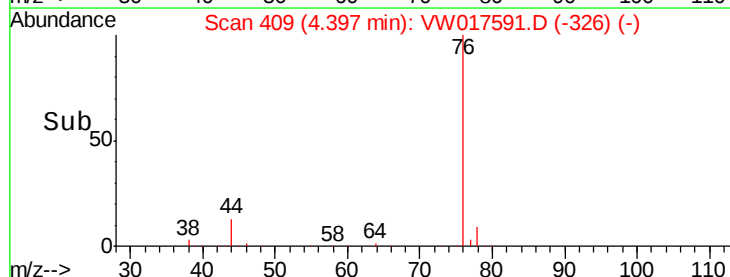
4.40

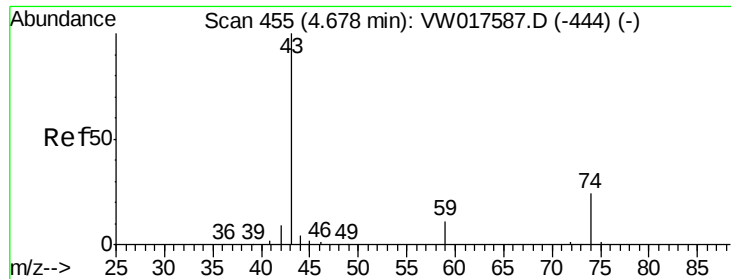
100000

50000

0

Time-->

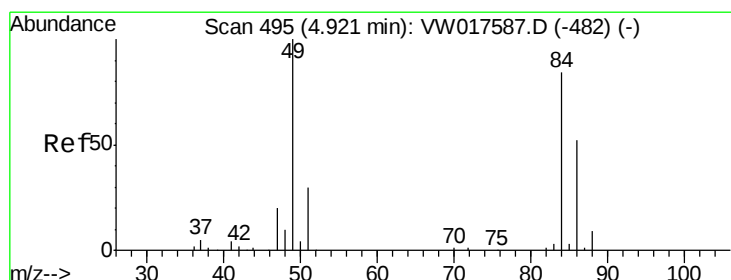
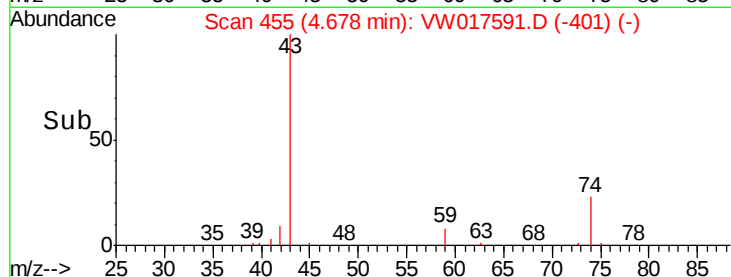
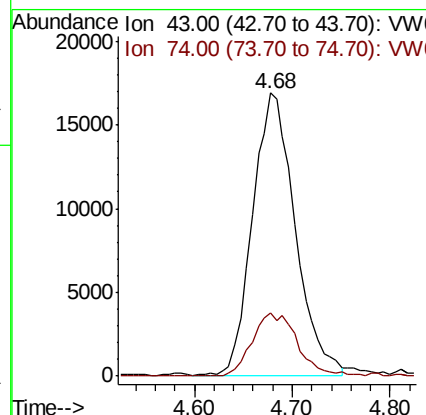
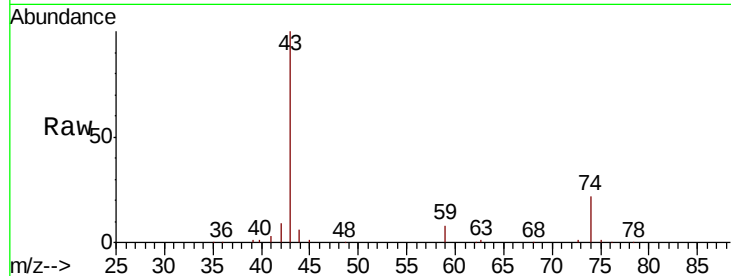




#15
Methyl Acetate
Concen: 27.895 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

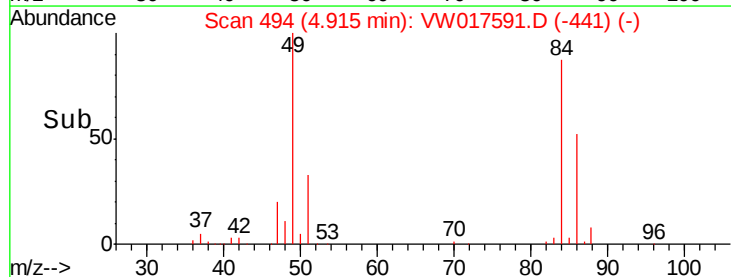
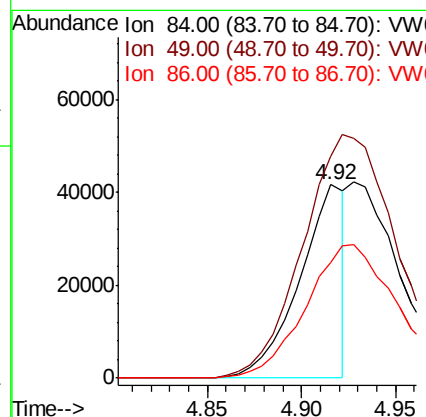
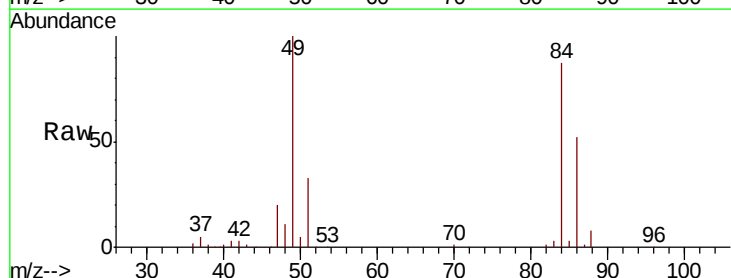
Instrument :
MSVOA_W
ClientSampled :

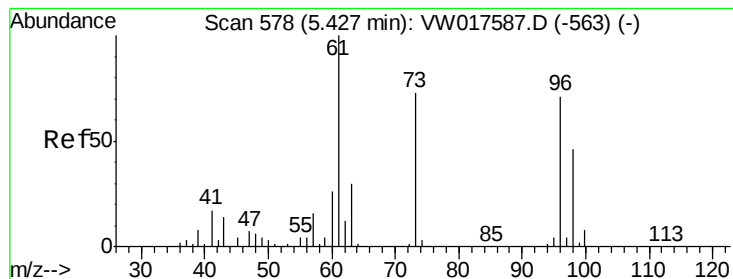
Tot Ion: 43 Resp: 50772
Ion Ratio Lower Upper
43 100
74 23.5 20.7 31.1



#16
Methylene chloride
Concen: 11.840 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion: 84 Resp: 69633
Ion Ratio Lower Upper
84 100
49 114.6 81.2 150.8
86 60.1 44.5 82.7





#17

Methyl tert-butyl Ether

Concen: 26.791 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

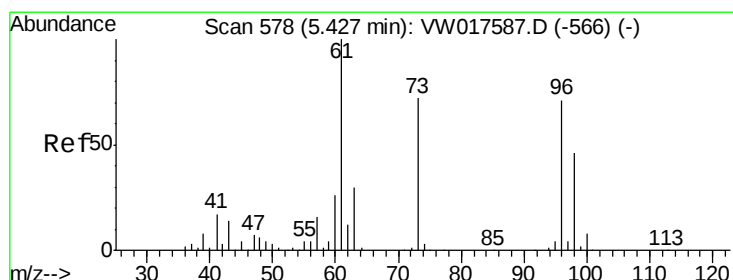
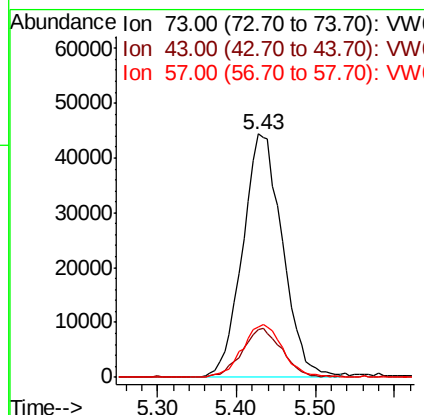
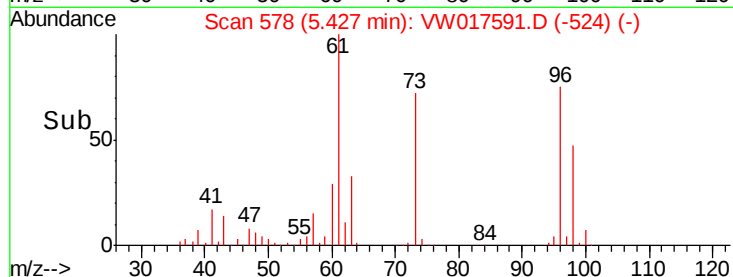
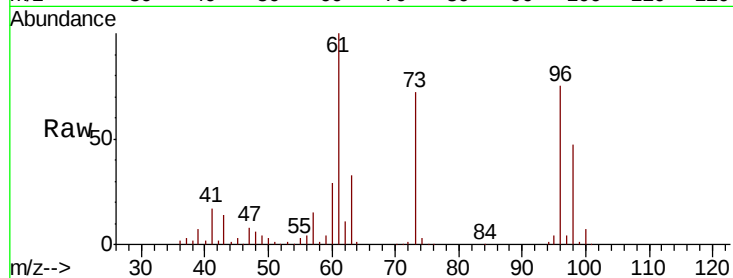
Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 73 Resp: 156510

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.2	24.4
57	21.9	17.2	25.8



#18

trans-1,2-Dichloroethene

Concen: 24.822 ug/L

RT: 5.43 min Scan# 579

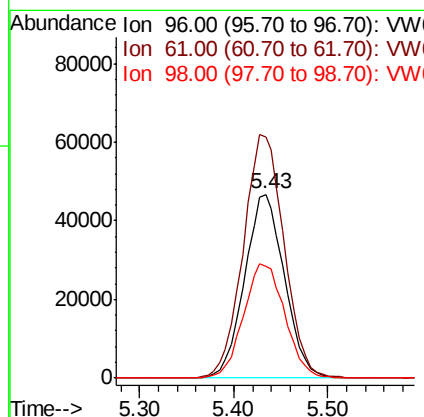
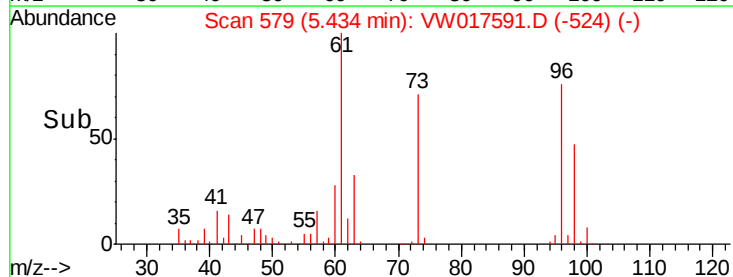
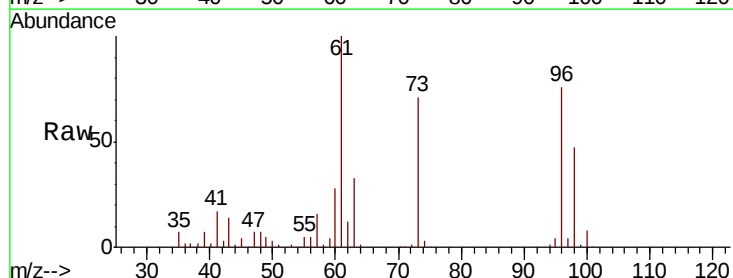
Delta R.T. 0.01 min

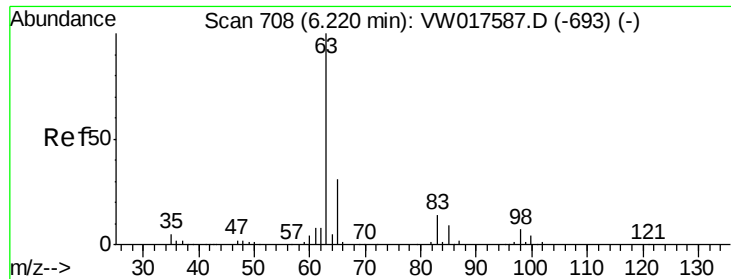
Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Tgt Ion: 96 Resp: 138587

Ion	Ratio	Lower	Upper
96	100		
61	131.2	92.7	172.1
98	61.0	43.3	80.3

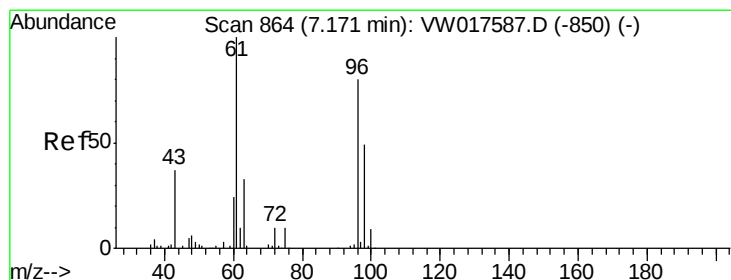
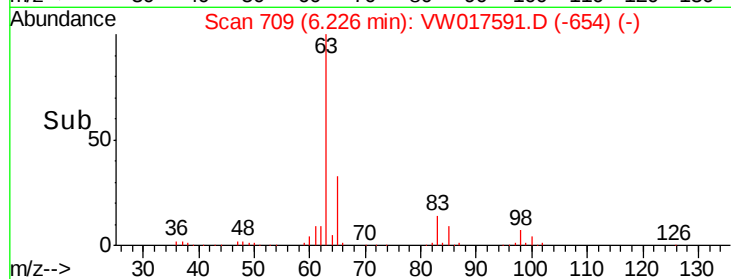
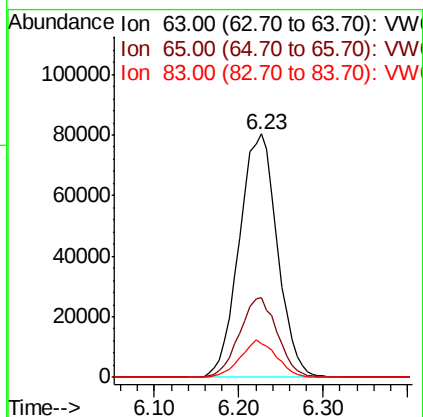
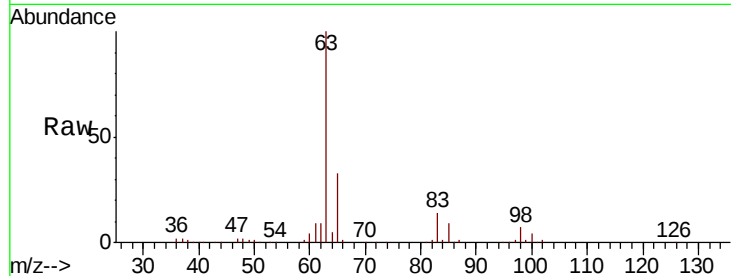




#19
 1,1-Dichloroethane
 Concen: 26.127 ug/L
 RT: 6.23 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

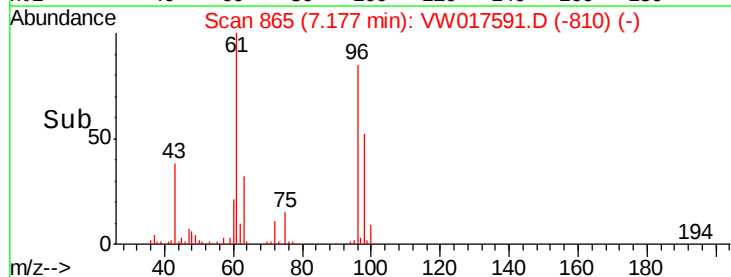
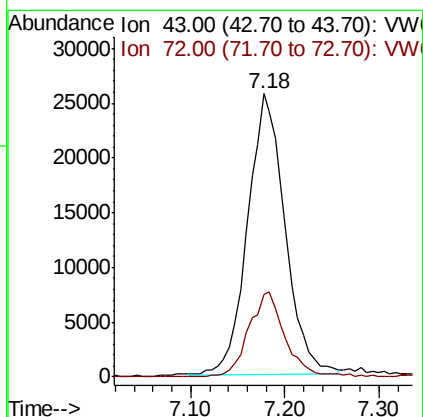
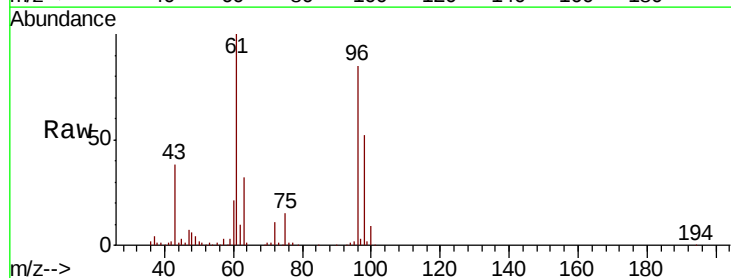
Instrument :
 MSVOA_W
 ClientSampled :

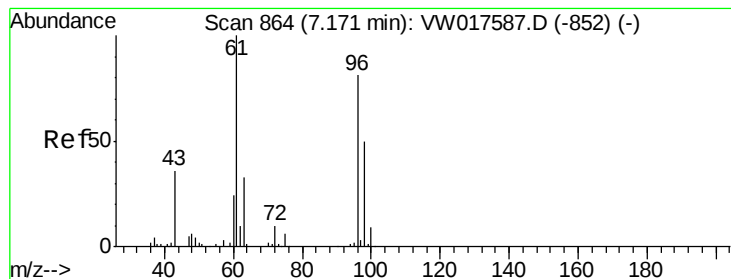
Tot Ion: 63 Resp: 246298
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.9 40.7
 83 13.9 9.4 17.6



#21
 2-Butanone
 Concen: 56.841 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Tgt Ion: 43 Resp: 71124
 Ion Ratio Lower Upper
 43 100
 72 28.8 14.4 43.2



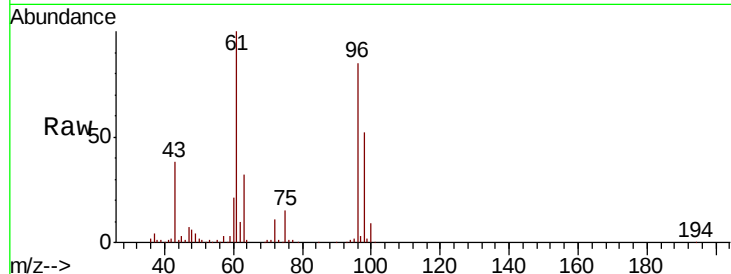


#22

cis-1,2-Dichloroethene
Concen: 25.386 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.2	84.6	157.2
98	61.7	44.7	82.9

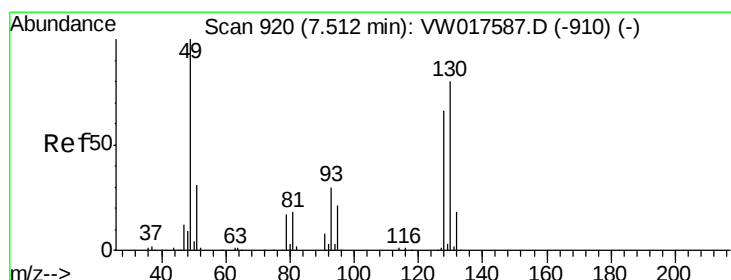
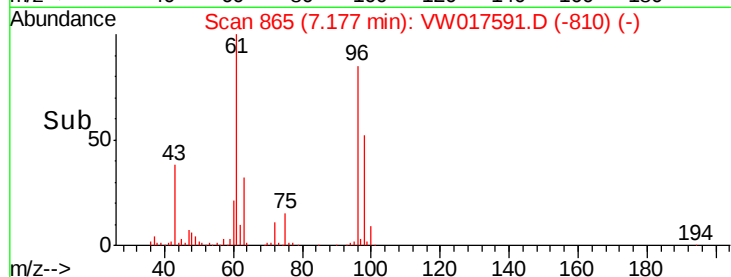
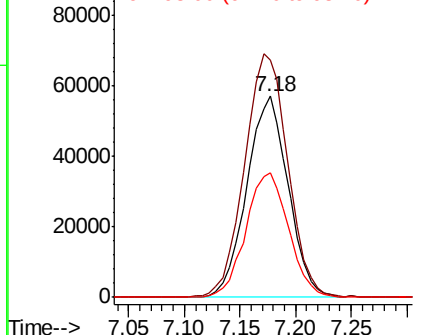


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

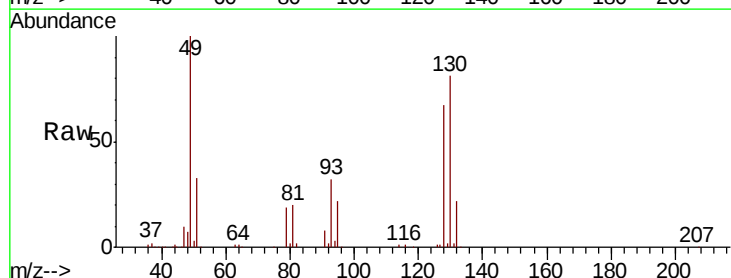
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 25.341 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	149.2	101.6	188.6
130	120.8	90.4	167.8
51	48.5	37.7	56.5



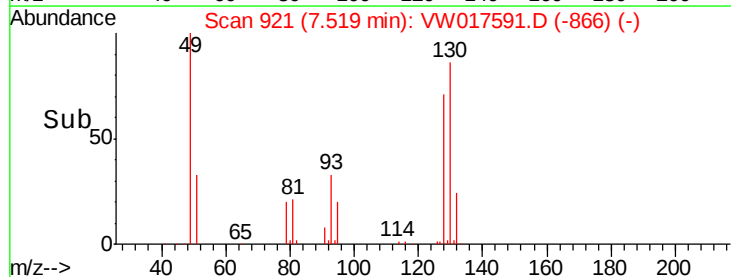
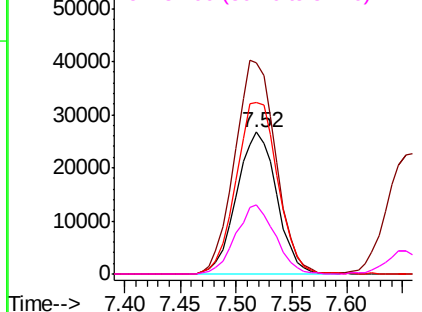
Abundance

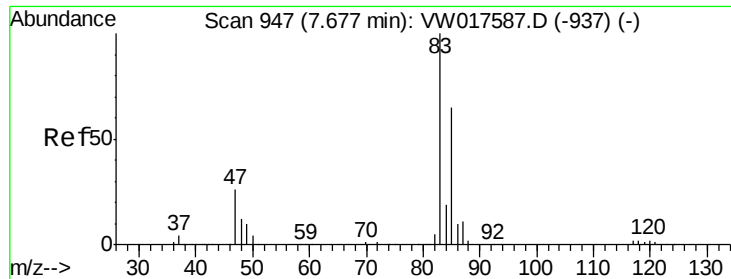
Ion 128.00 (127.70 to 128.70): V

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

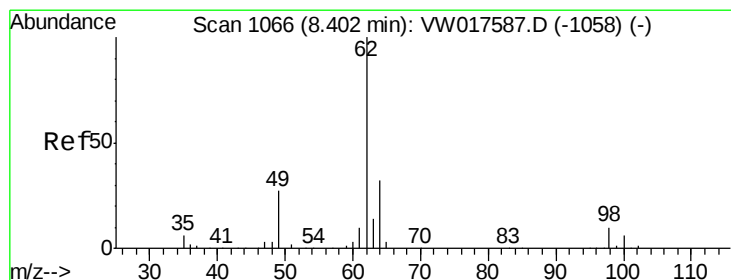
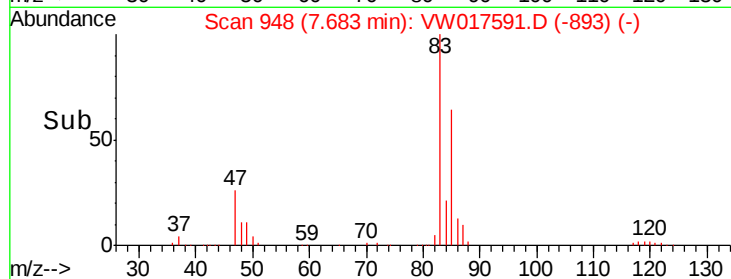
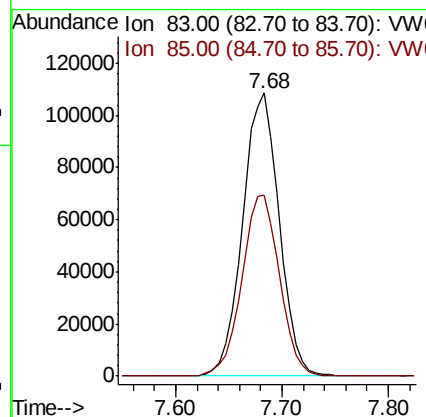
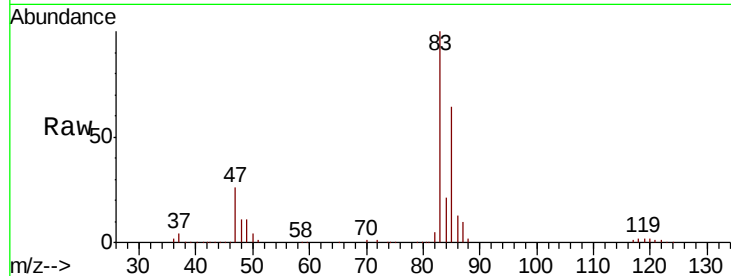




#25
Chloroform
Concen: 26.354 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

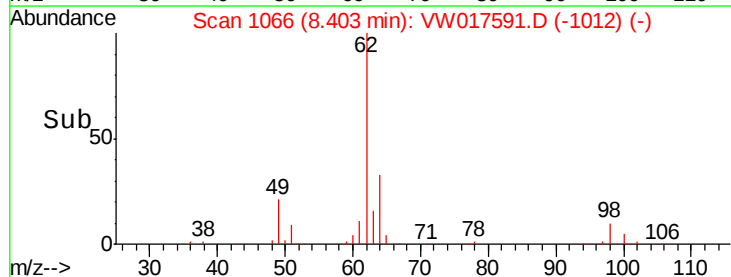
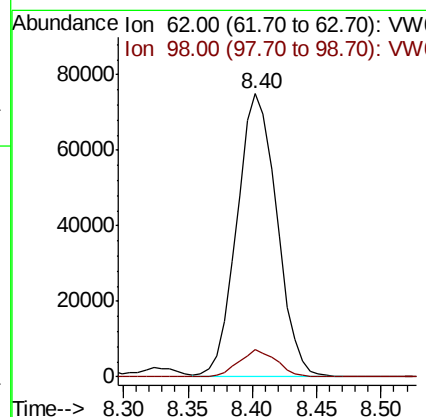
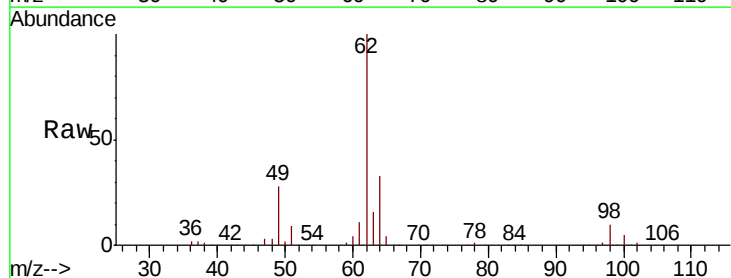
Instrument :
MSVOA_W
ClientSampled :

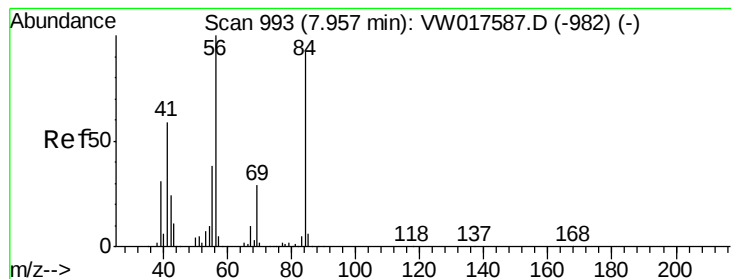
Tot Ion: 83 Resp: 262273
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.984 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion: 62 Resp: 161729
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0





#30

Cvclohexane

Concen: 25.833 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :

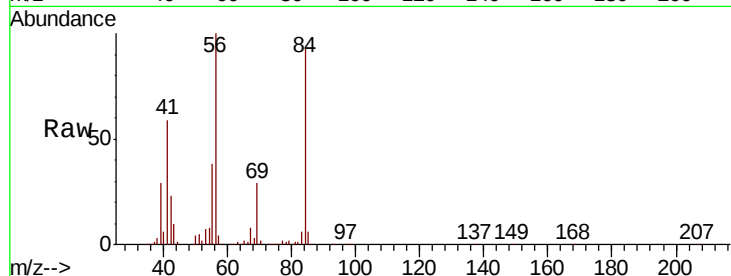
Tot Ion: 56 Resp: 216833

Ion Ratio Lower Upper

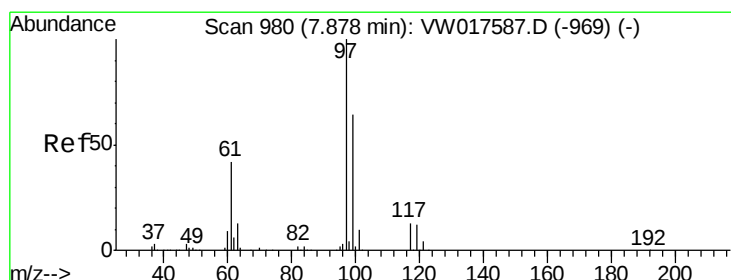
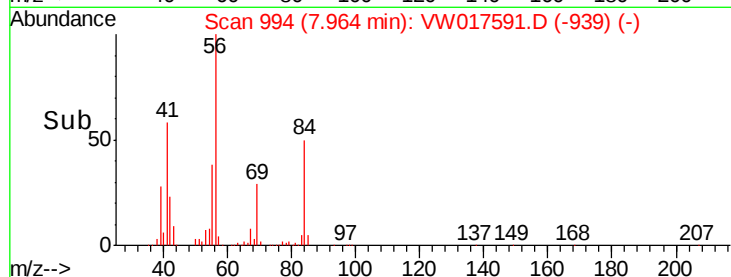
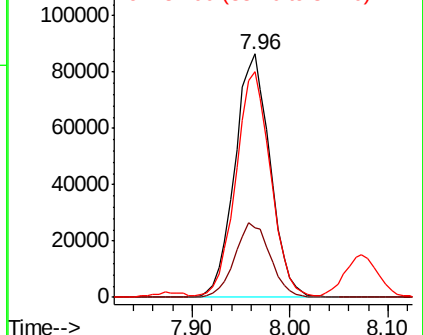
56 100

69 30.6 24.8 37.2

84 91.4 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: 27.569 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

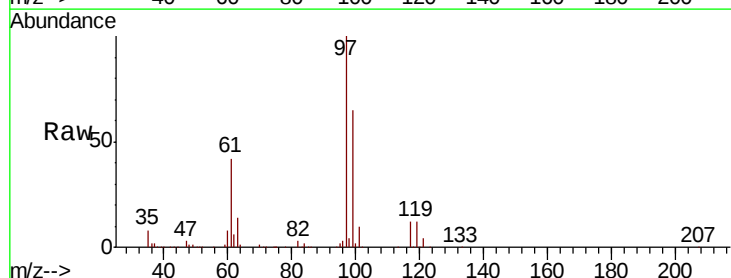
Tgt Ion: 97 Resp: 229608

Ion Ratio Lower Upper

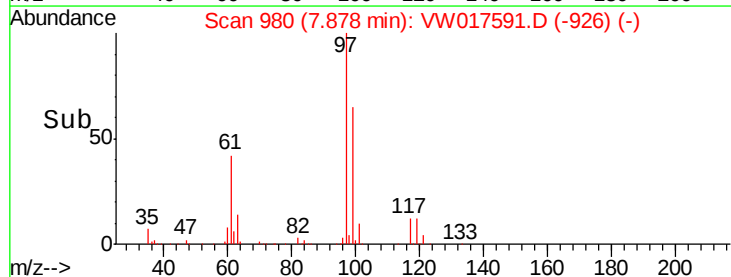
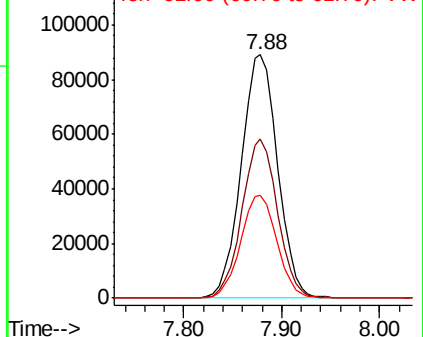
97 100

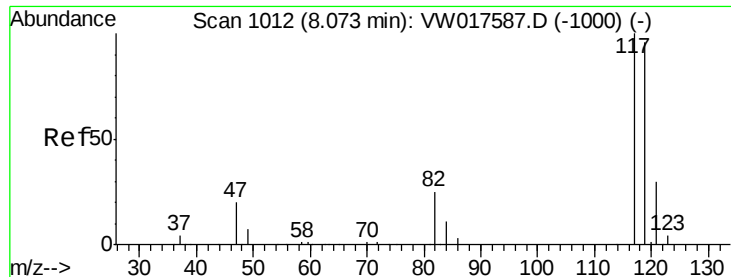
99 63.9 51.0 76.4

61 42.3 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: 26.764 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

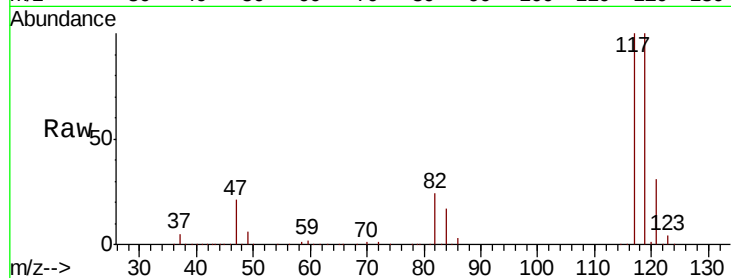
ClientSampled :

Tot Ion:117 Resp: 216437

Ion Ratio Lower Upper

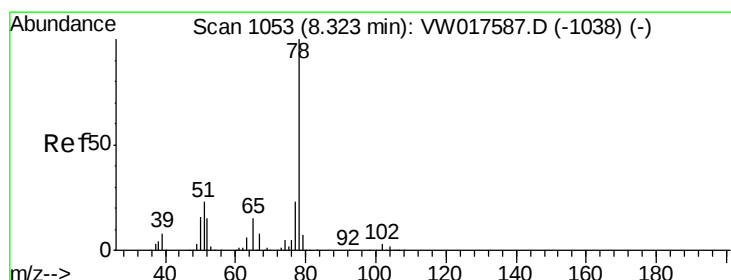
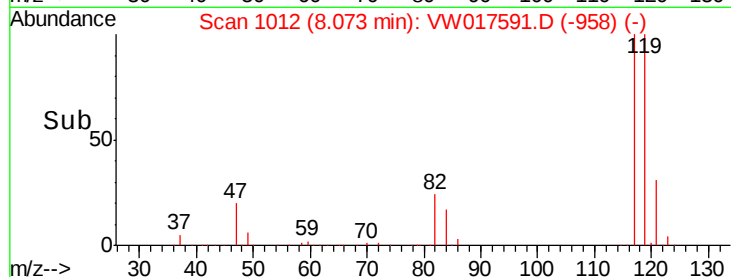
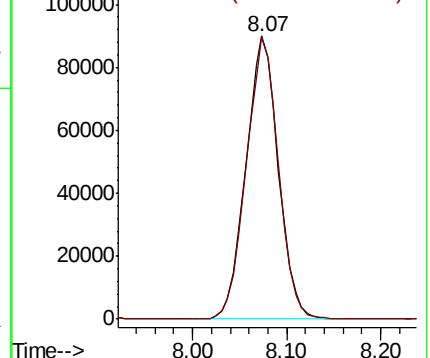
117 100

119 98.8 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: 26.276 ug/L

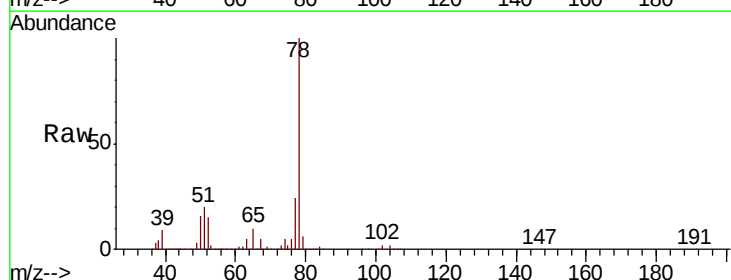
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

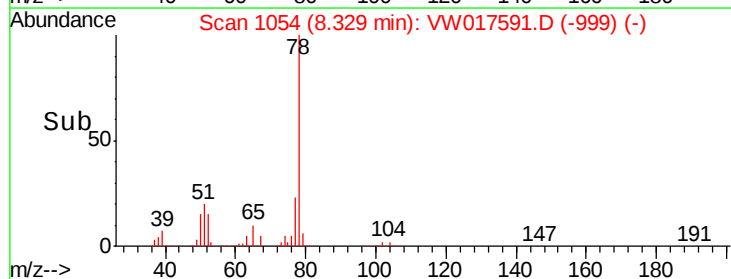
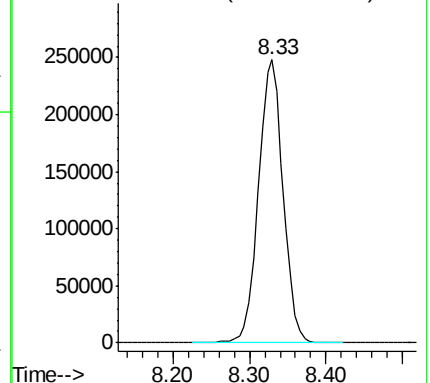
Lab File: VW017591.D

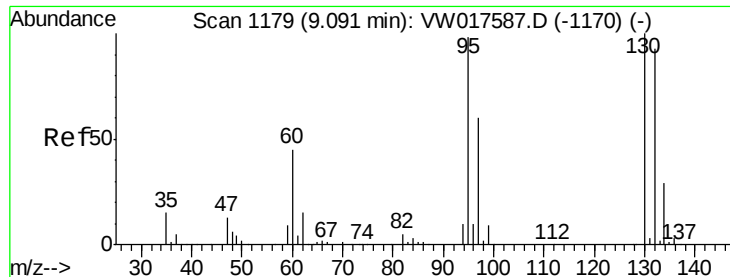
Acq: 08 Dec 2020 17:01

Tgt Ion: 78 Resp: 555748



Abundance Ion 78.00 (77.70 to 78.70): VW

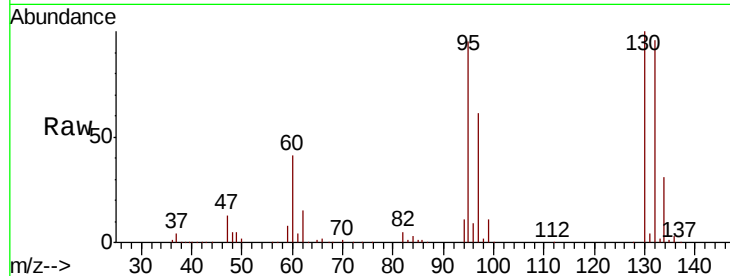




#35
 Trichloroethene
 Concen: 25.986 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.0	83.6
132	98.0	71.0	131.8
130	102.3	75.6	140.4



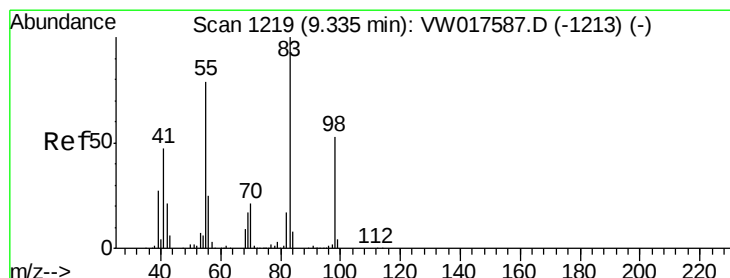
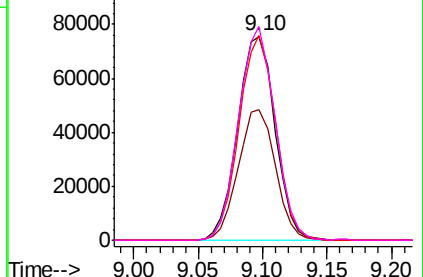
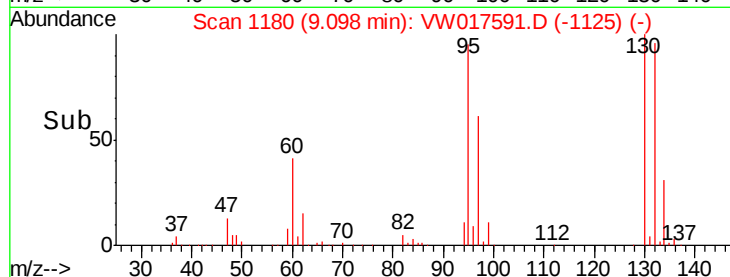
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

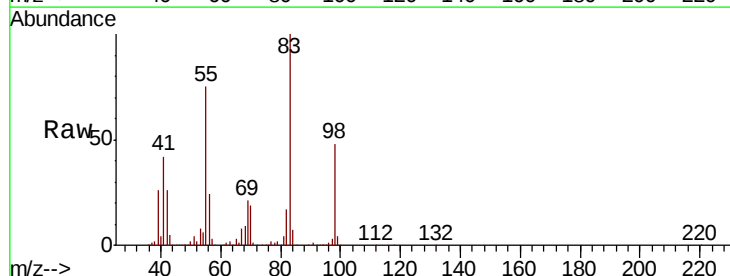
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 24.775 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.4	89.0
98	51.2	40.7	61.1

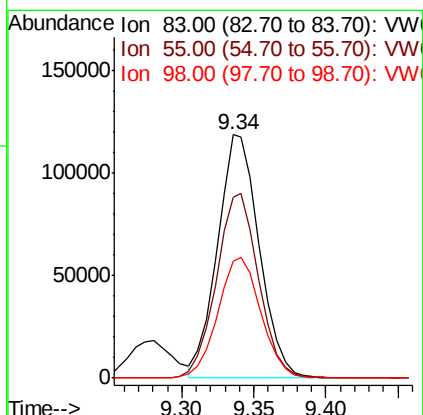
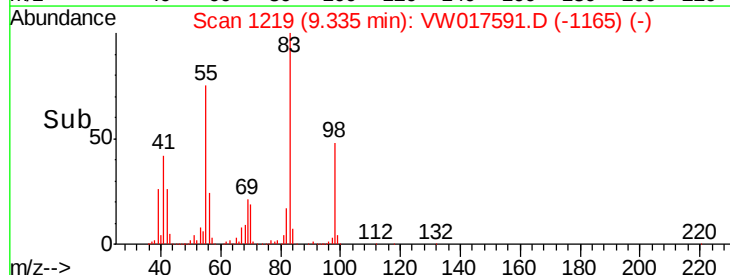


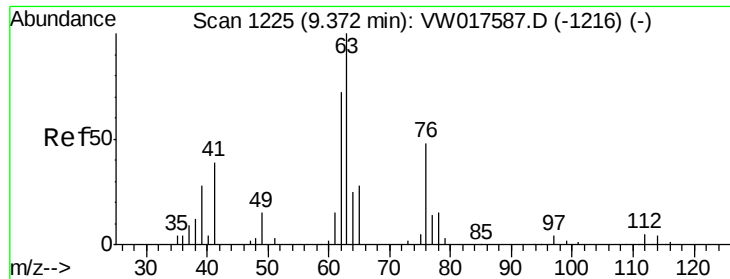
Abundance

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

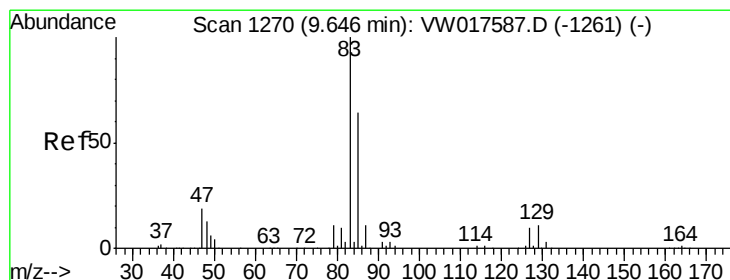
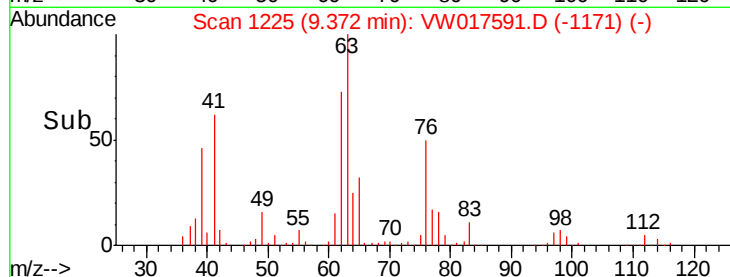
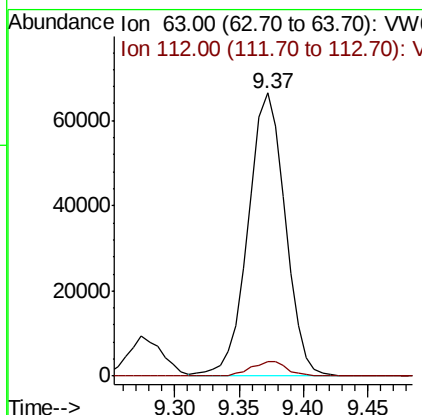
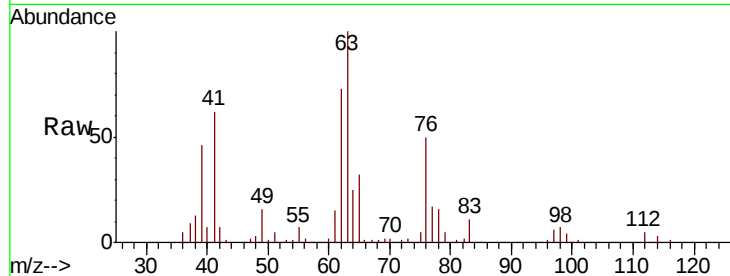




#40
1,2-Dichloropropane
Concen: 26.704 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

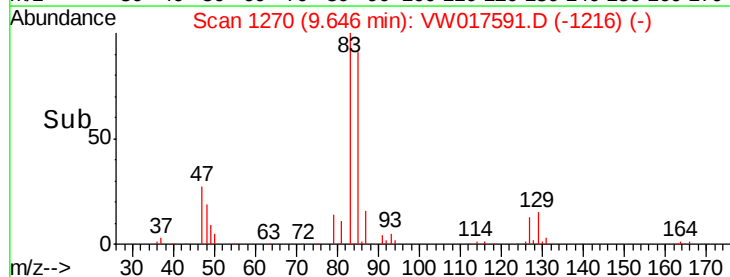
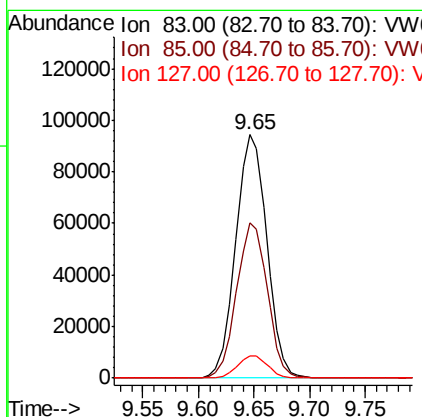
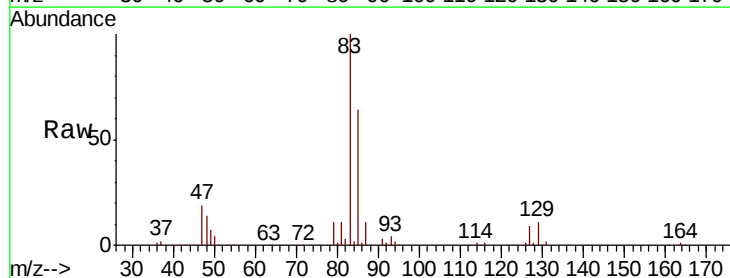
Instrument :
MSVOA_W
ClientSampled :

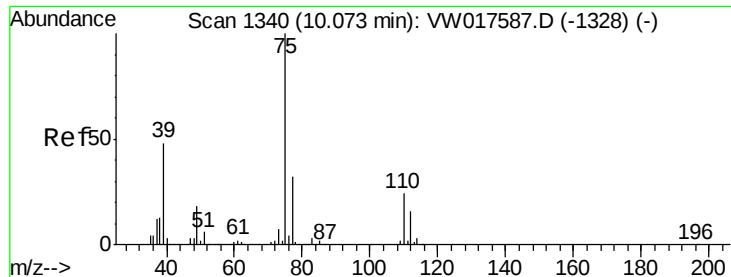
Tot Ion: 63 Resp: 132663
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.4



#41
Bromodichloromethane
Concen: 26.617 ug/L
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion: 83 Resp: 182700
Ion Ratio Lower Upper
83 100
85 63.8 46.8 86.8
127 8.9 7.6 11.4





#42

cis-1,3-Dichloropropene

Concen: 27.236 ug/L

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

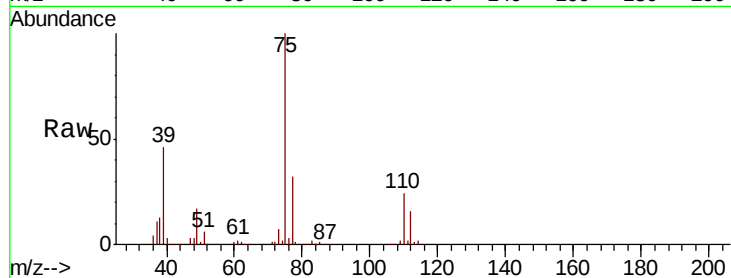
ClientSampled :

Tot Ion: 75 Resp: 209571

Ion Ratio Lower Upper

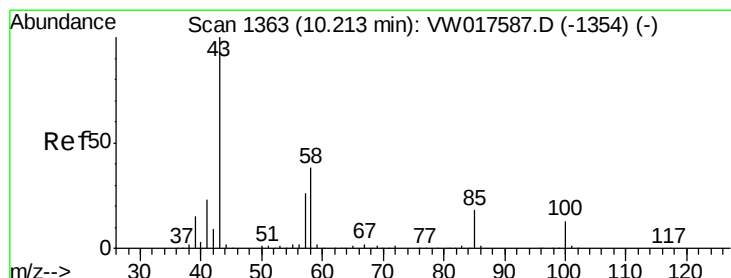
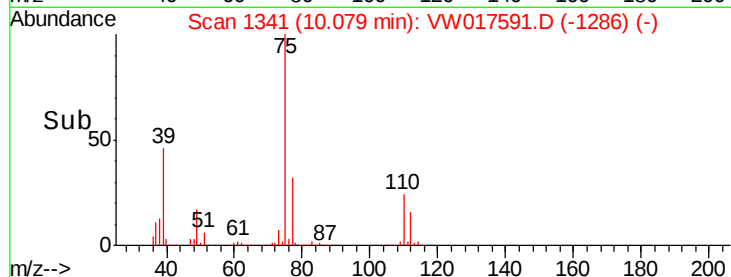
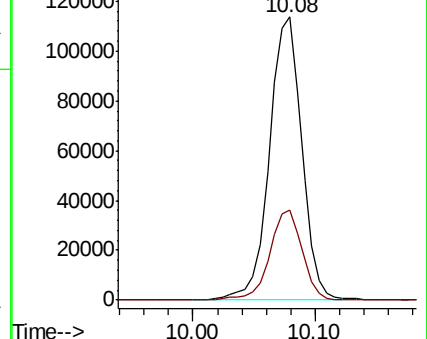
75 100

77 31.9 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 59.212 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

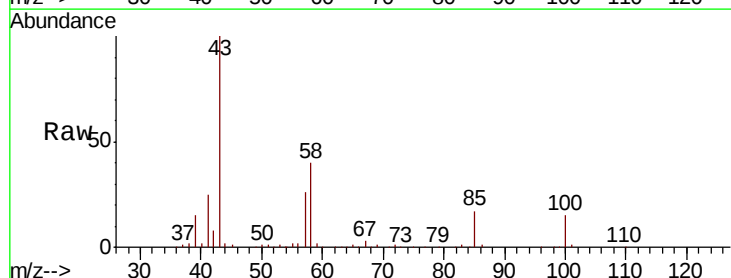
Tgt Ion: 43 Resp: 135424

Ion Ratio Lower Upper

43 100

58 38.2 31.6 47.4

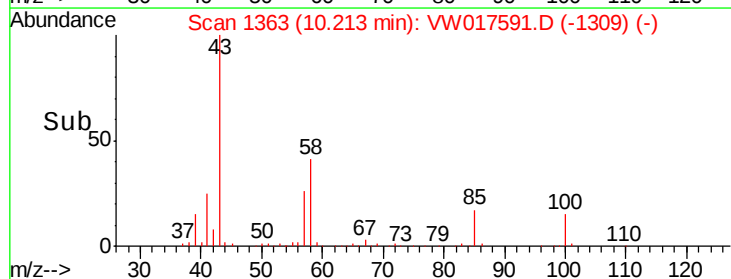
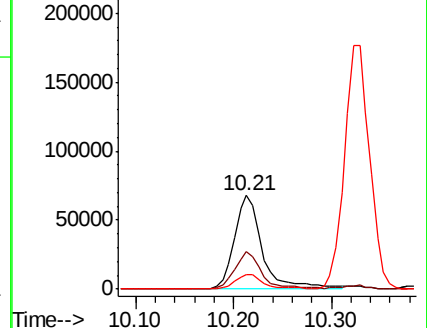
100 15.7 14.1 21.1

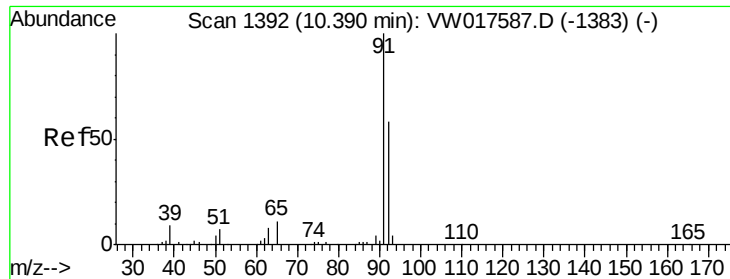


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 26.401 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

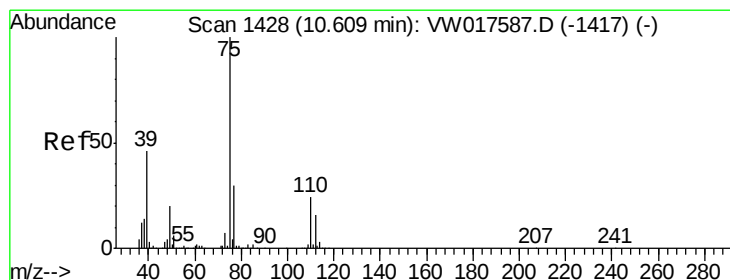
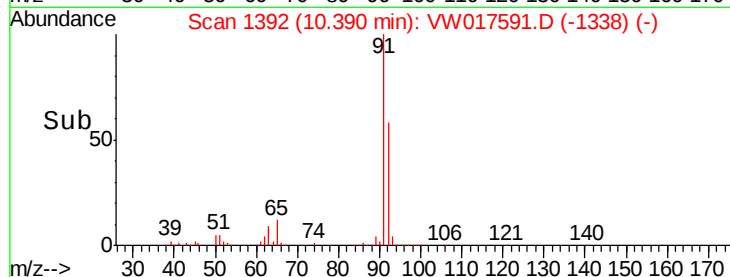
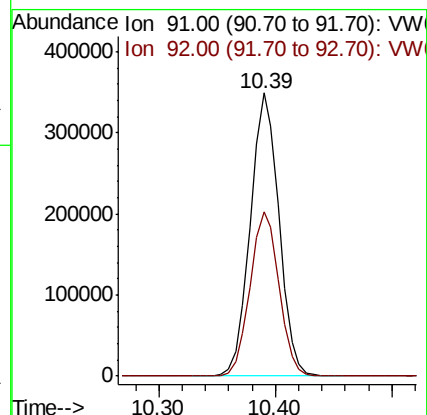
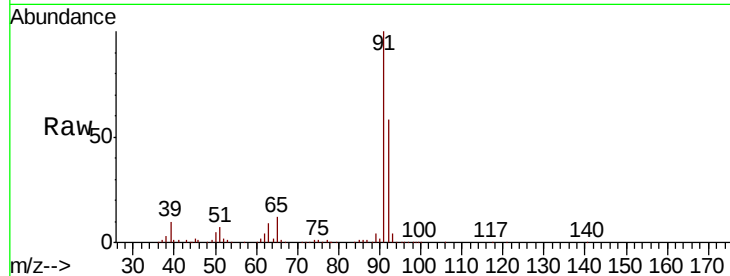
ClientSampleId :

Tot Ion: 91 Resp: 600874

Ion Ratio Lower Upper

91 100

92 57.9 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 27.897 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017591.D

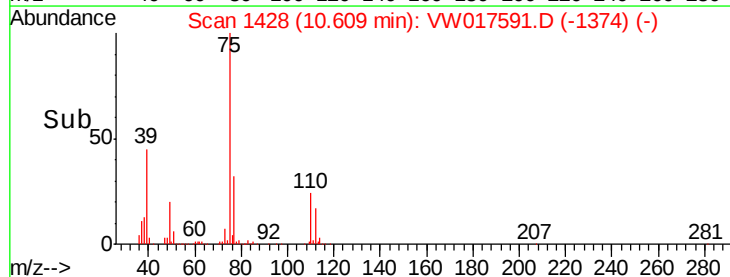
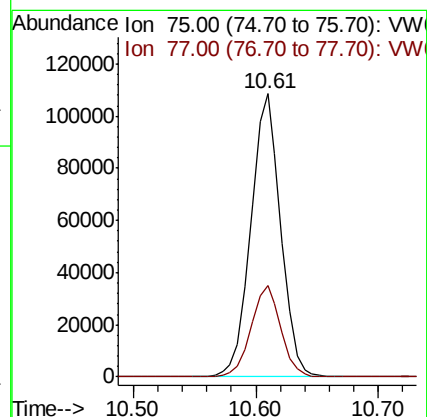
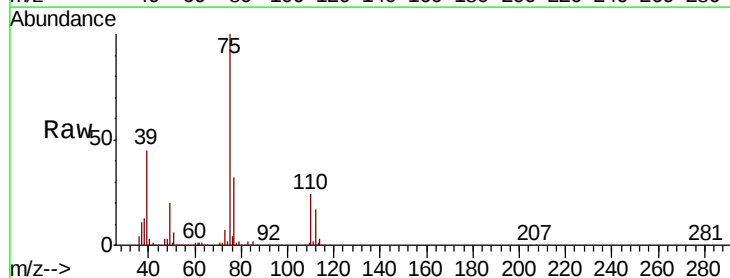
Acq: 08 Dec 2020 17:01

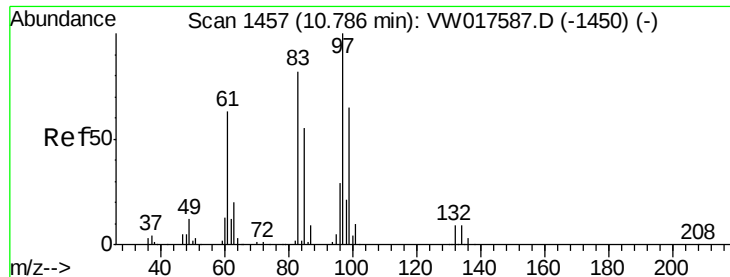
Tgt Ion: 75 Resp: 183949

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0





#46

1,1,2-Trichloroethane

Concen: 26.678 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 99303

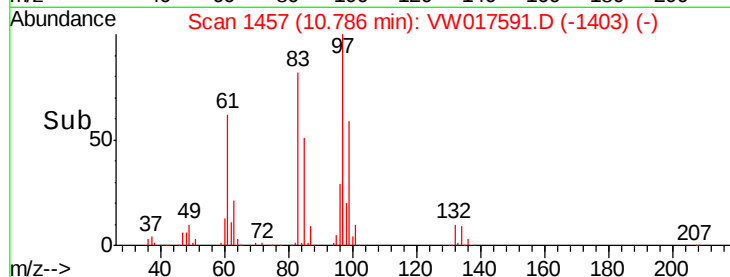
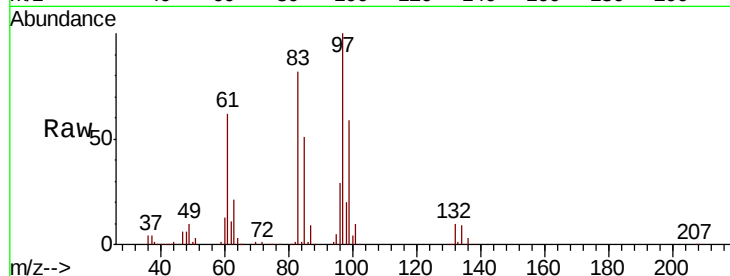
Ion	Ratio	Lower	Upper
97	100		
83	81.6	58.5	108.7
85	50.8	37.8	70.2
99	58.8	43.7	81.1

97 100

83 81.6 58.5 108.7

85 50.8 37.8 70.2

99 58.8 43.7 81.1

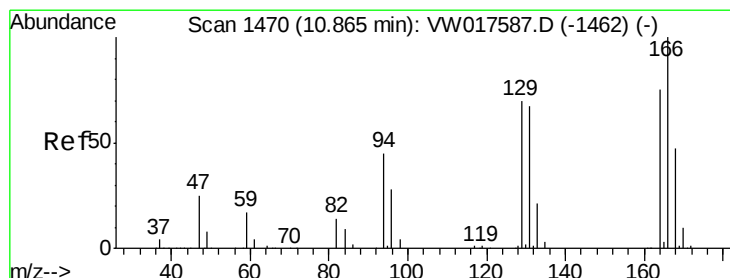
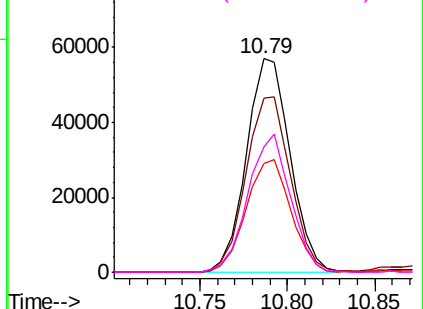


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 25.088 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Tgt Ion: 164 Resp: 125337

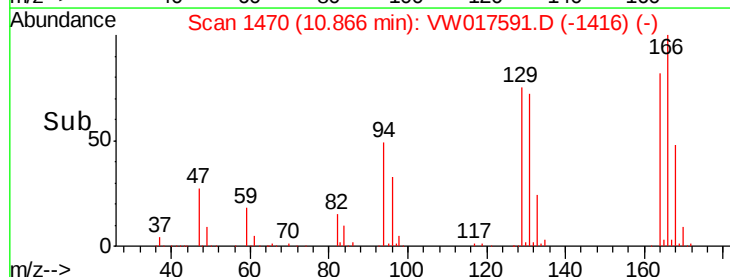
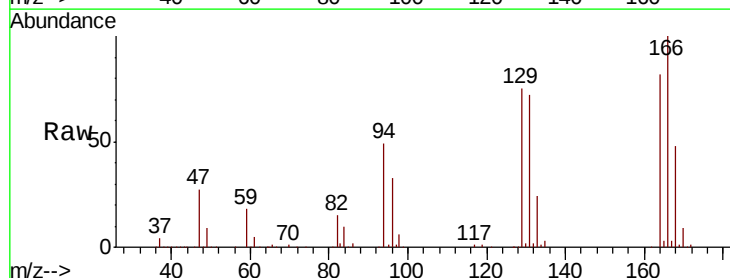
Ion	Ratio	Lower	Upper
164	100		
129	91.8	67.6	125.6
131	87.9	65.2	121.2
166	122.5	93.2	173.2

164 100

129 91.8 67.6 125.6

131 87.9 65.2 121.2

166 122.5 93.2 173.2

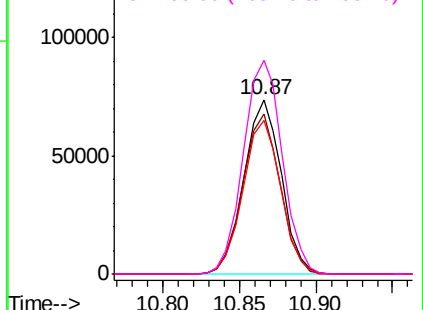


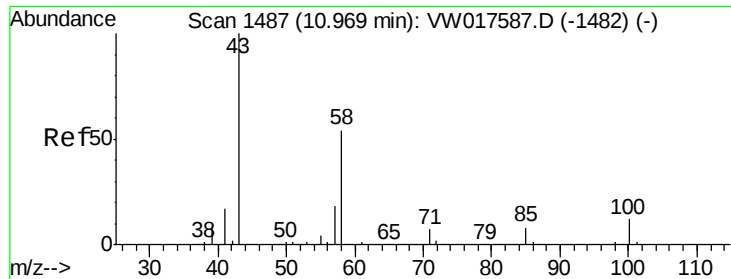
Abundance Ion 164.00 (163.70 to 164.70): V

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

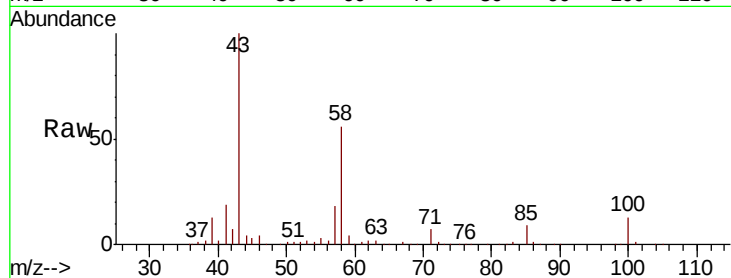




#49
2-Hexanone
Concen: 63.575 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	51.3	76.9
57	15.5	15.0	22.6
100	12.9	12.2	18.2



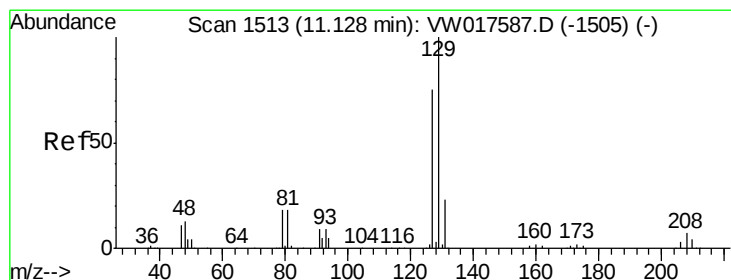
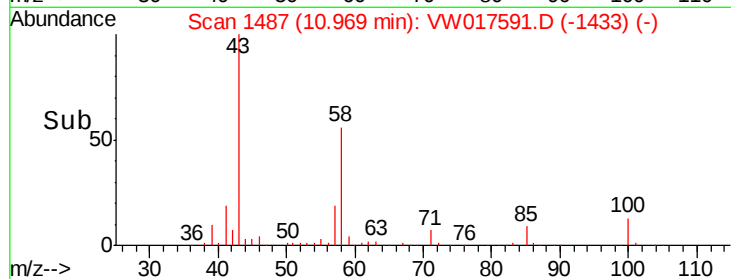
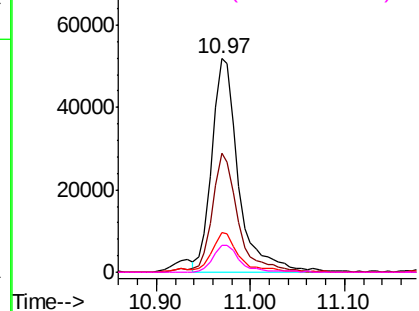
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

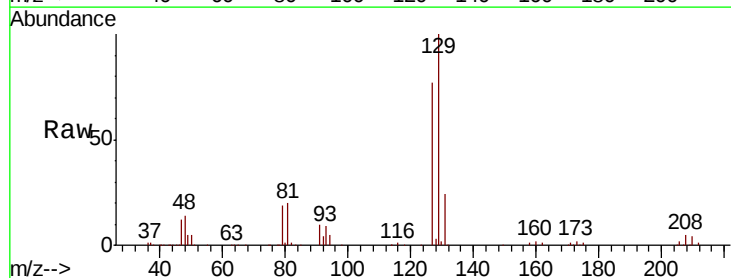
Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50
Dibromochloromethane
Concen: 26.251 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

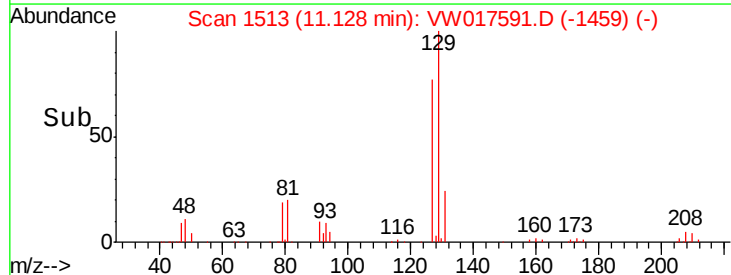
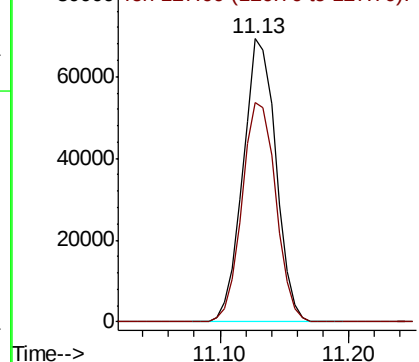
Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.2	98.8

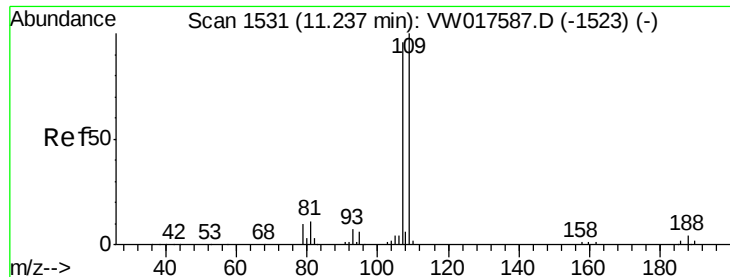


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

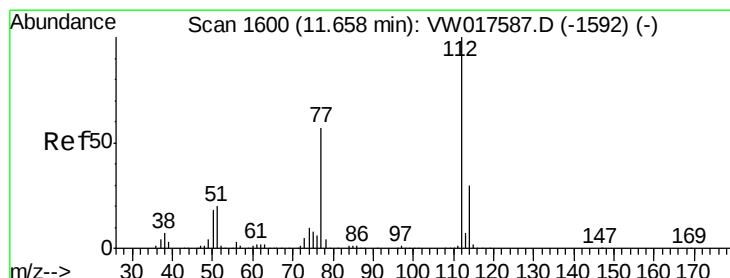
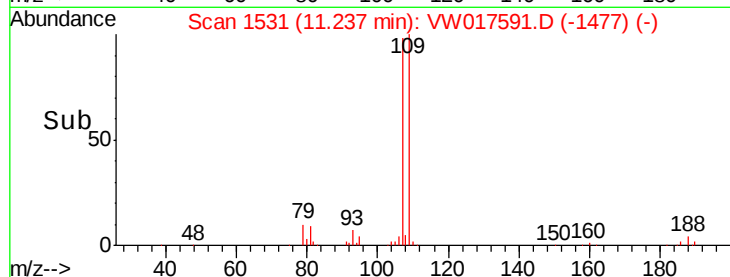
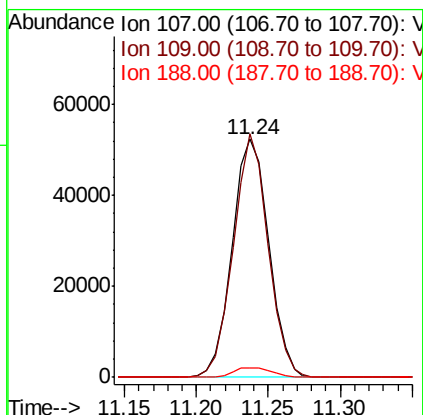
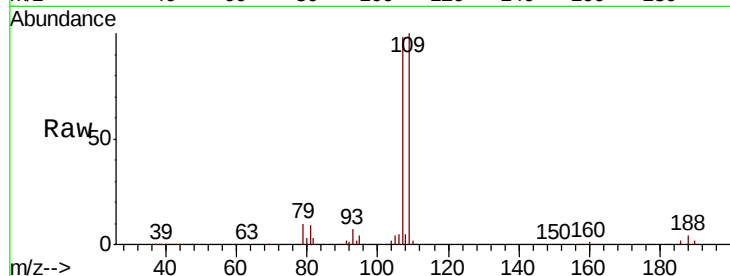




#51
1,2-Dibromoethane
Concen: 26.086 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

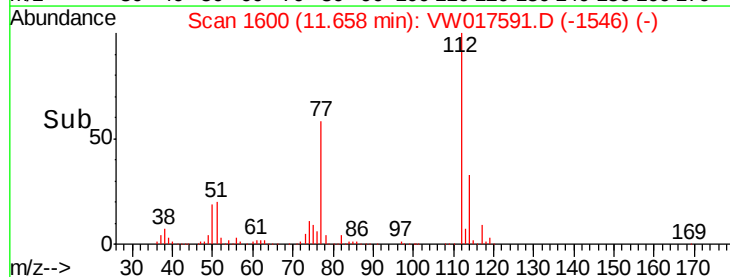
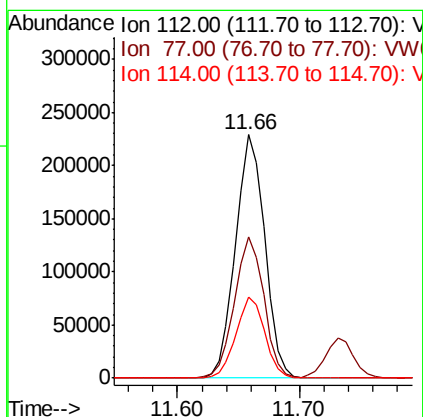
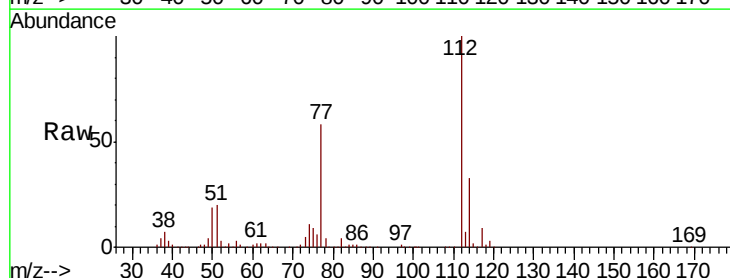
Instrument :
MSVOA_W
ClientSampleId :

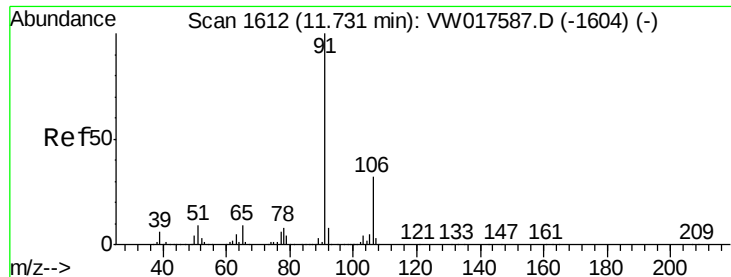
Tot Ion	Ratio	Lower	Upper
107	100		
109	102.3	66.4	123.2
188	3.9	4.0	6.0



#52
Chlorobenzene
Concen: 25.505 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.0	42.6	64.0
114	33.3	21.6	40.2

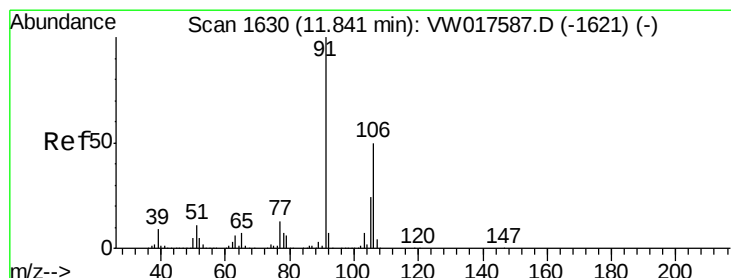
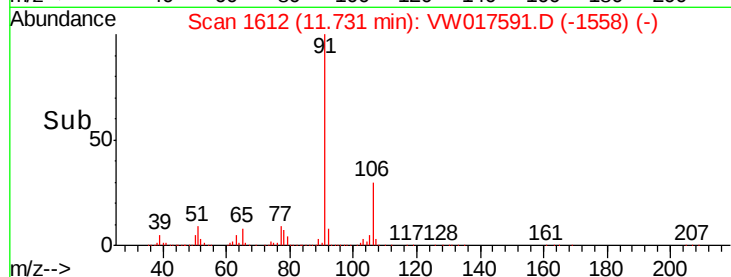
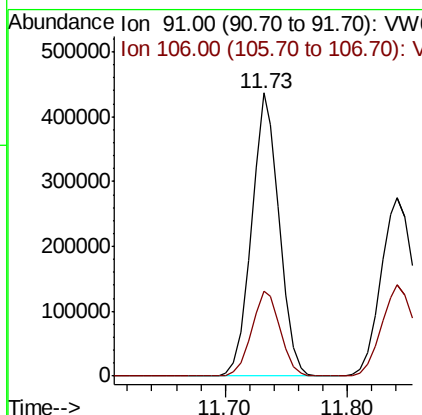
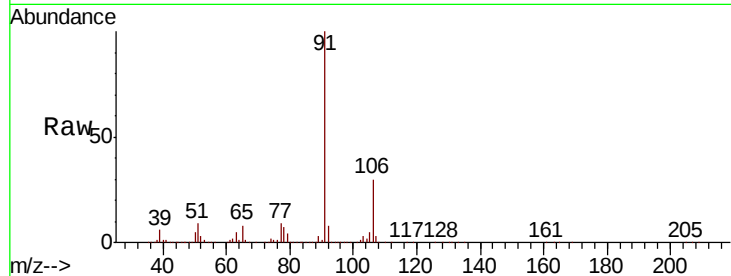




#53
Ethylbenzene
Concen: 26.442 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

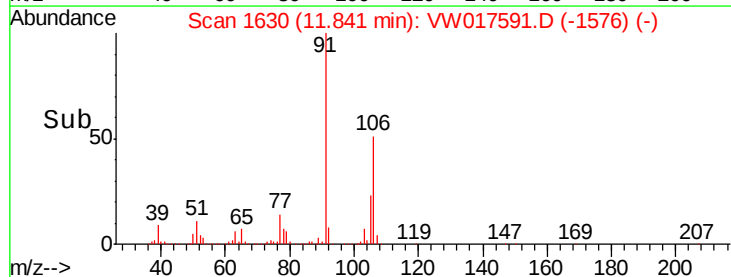
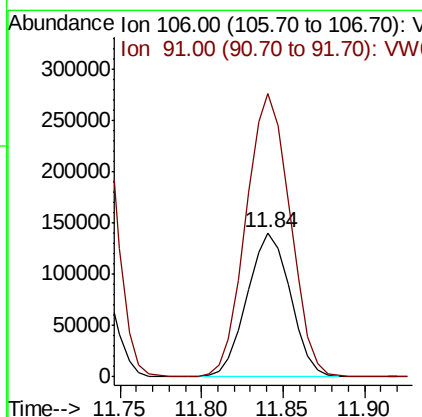
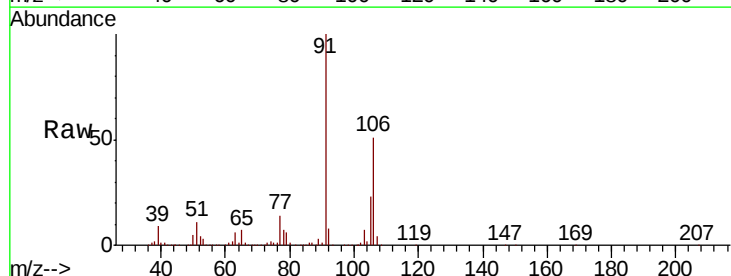
Instrument :
MSVOA_W
ClientSampleId :

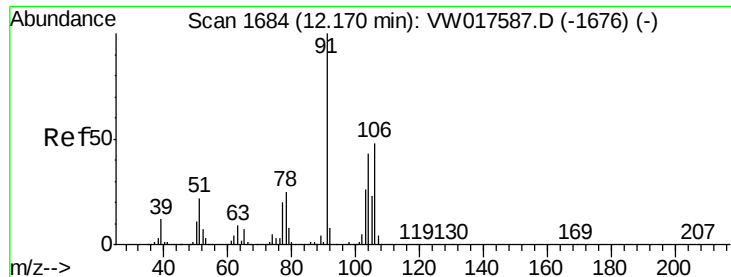
Tot Ion: 91 Resp: 682337
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#54
m,p-Xylene
Concen: 26.299 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion: 106 Resp: 258932
Ion Ratio Lower Upper
106 100
91 196.7 136.4 253.4

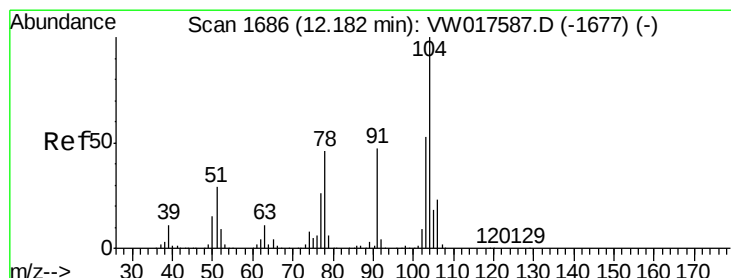
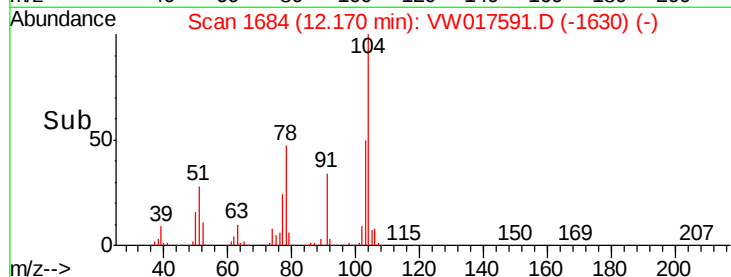
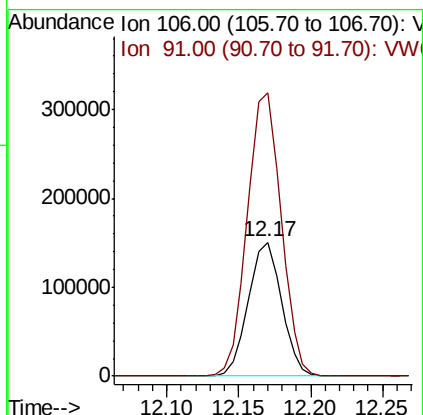
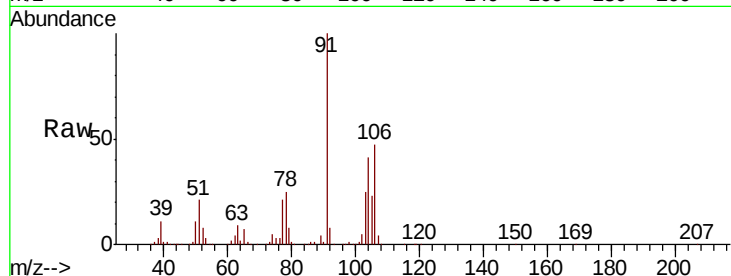




#55
o-xylene
Concen: 26.311 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

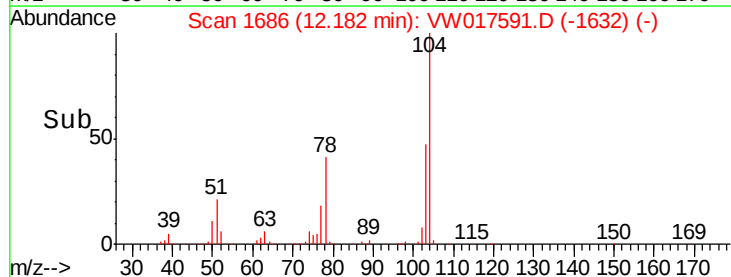
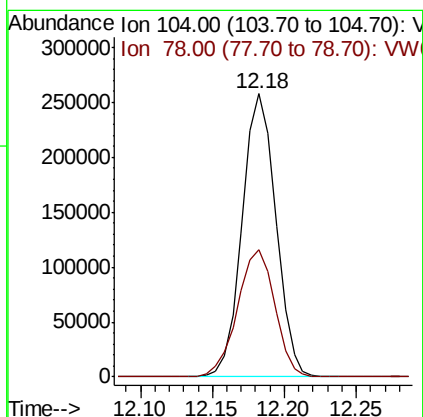
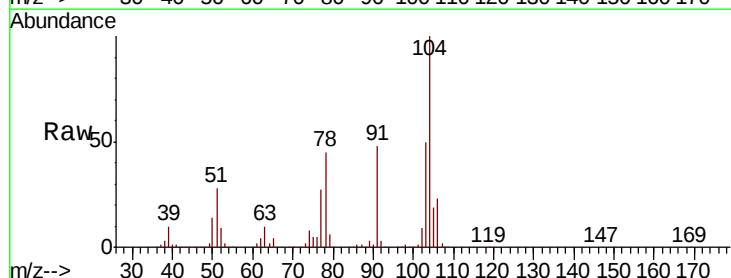
Instrument :
MSVOA_W
ClientSampled :

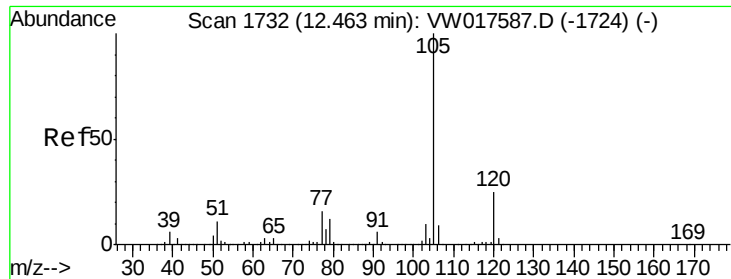
Tot Ion:106 Resp: 241268
Ion Ratio Lower Upper
106 100
91 211.3 147.6 274.2



#56
Styrene
Concen: 27.123 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017591.D
Acq: 08 Dec 2020 17:01

Tgt Ion:104 Resp: 418407
Ion Ratio Lower Upper
104 100
78 45.1 31.3 58.1





#57

Isopropylbenzene

Concen: 26.949 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

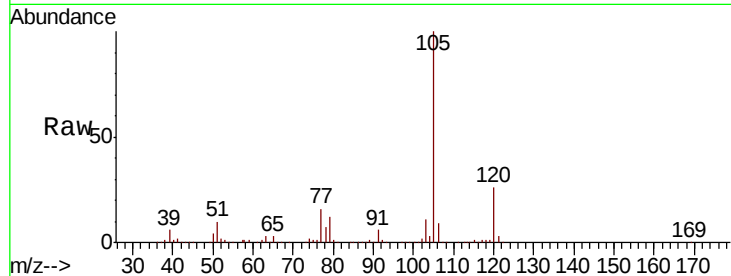
Tot Ion:105 Resp: 678793

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.2

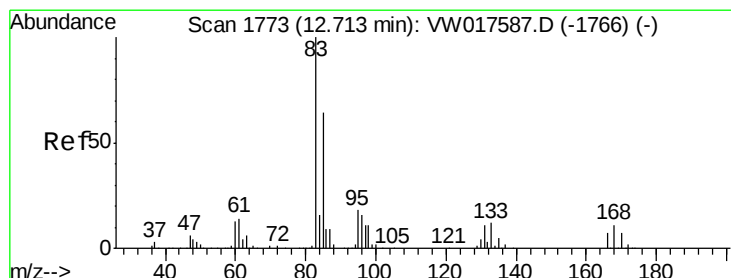
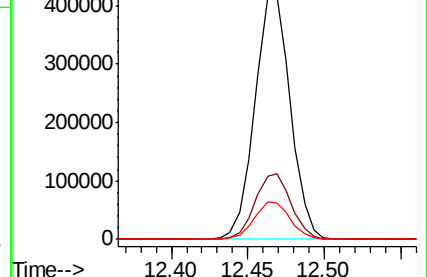
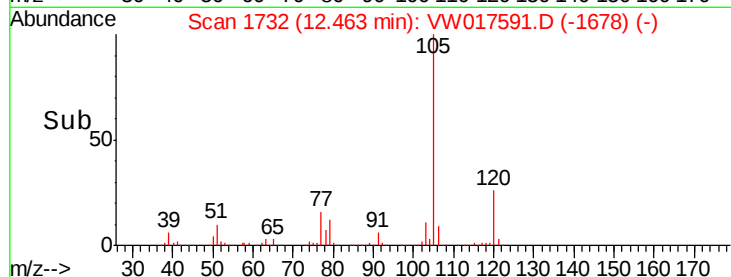
77 15.5 12.1 18.1



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: 28.387 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

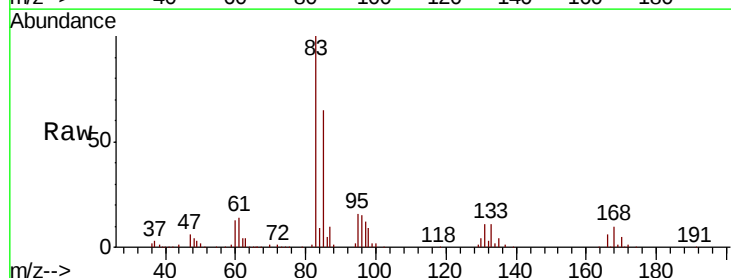
Tgt Ion: 83 Resp: 113729

Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1

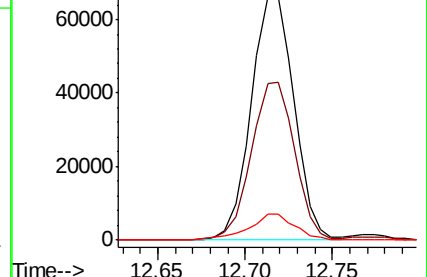
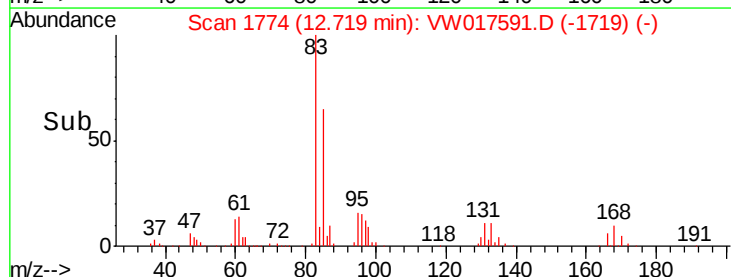
131 10.9 8.3 12.5

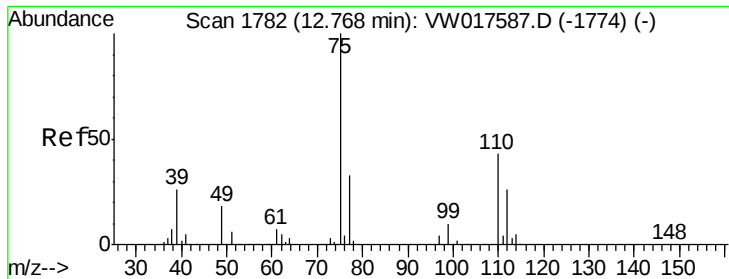


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.397 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

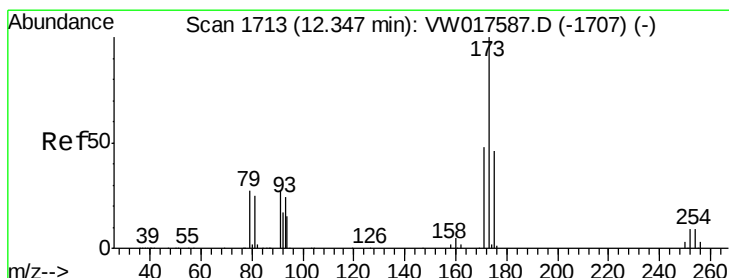
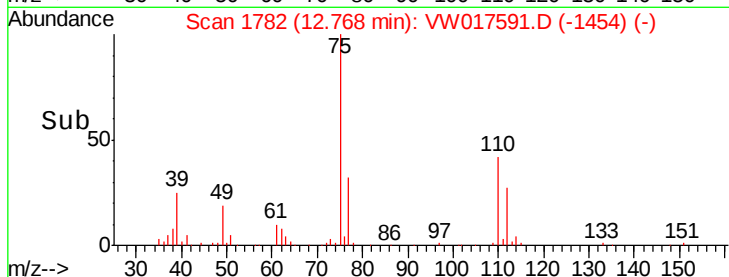
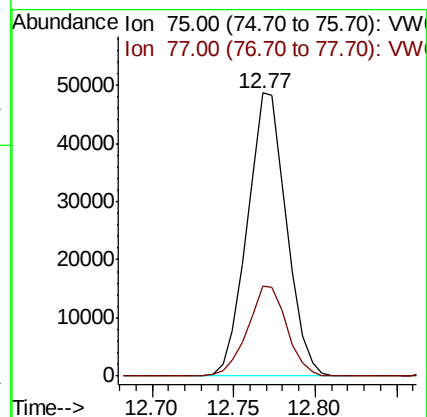
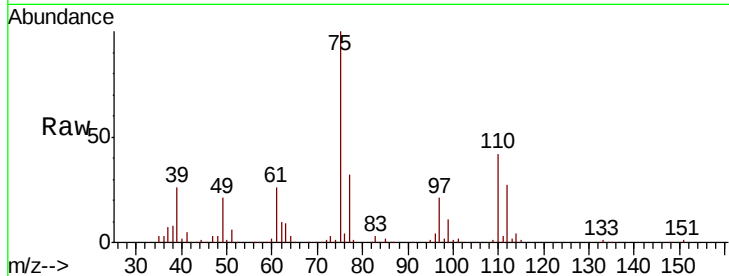
ClientSampled :

Tot Ion: 75 Resp: 81017

Ion Ratio Lower Upper

75 100

77 32.1 26.6 39.8



#62

Bromoform

Concen: 27.203 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

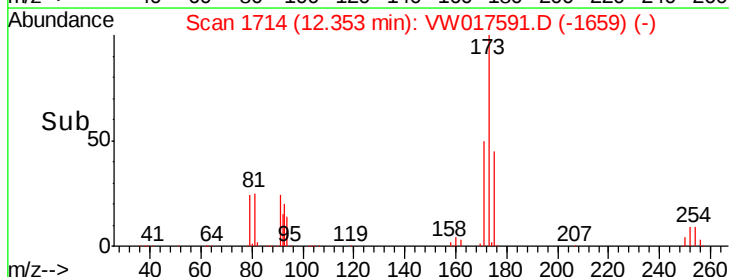
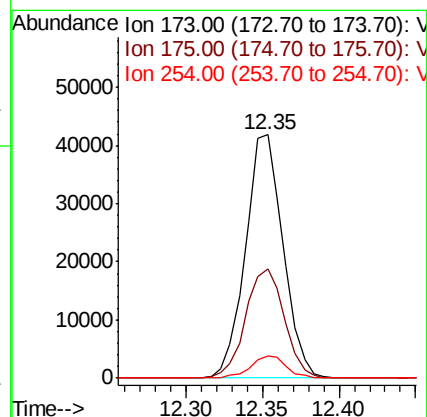
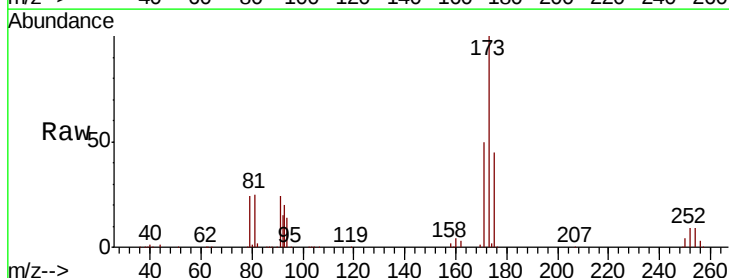
Tgt Ion: 173 Resp: 71336

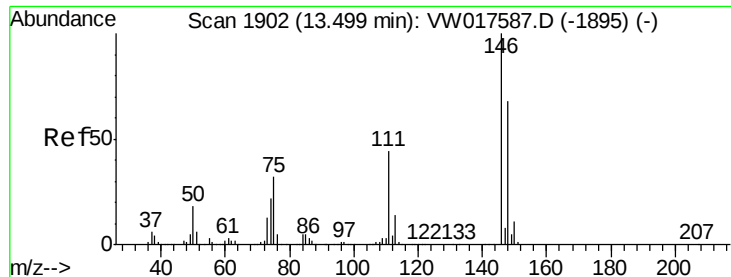
Ion Ratio Lower Upper

173 100

175 46.3 39.1 58.7

254 8.8 7.1 10.7

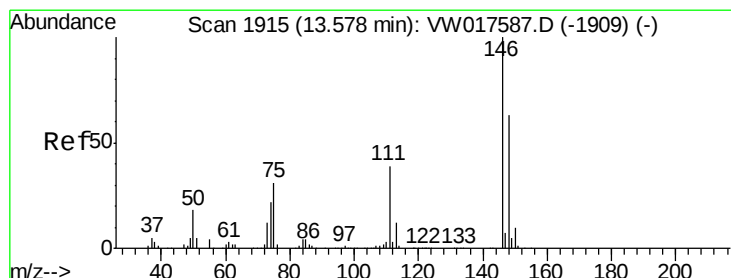
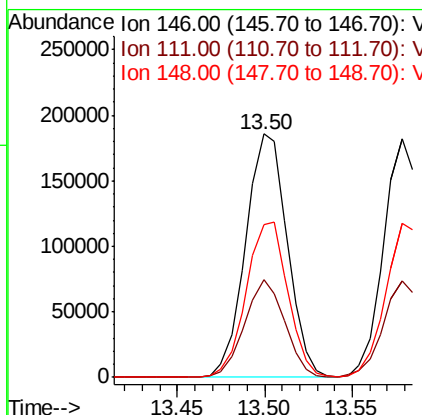
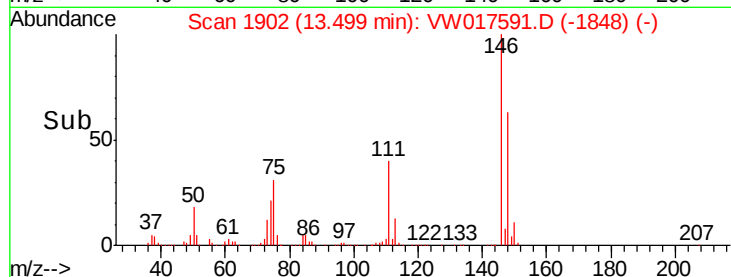
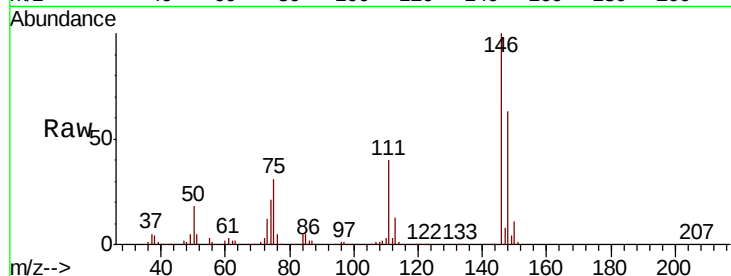




#63
 1,3-Dichlorobenzene
 Concen: 25.806 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

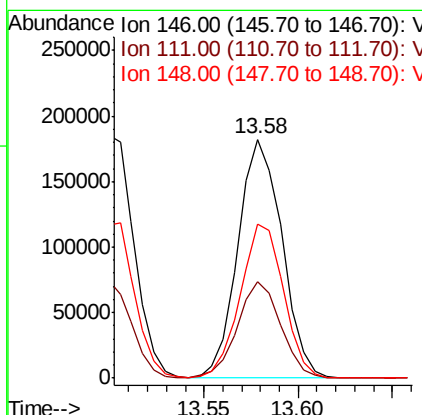
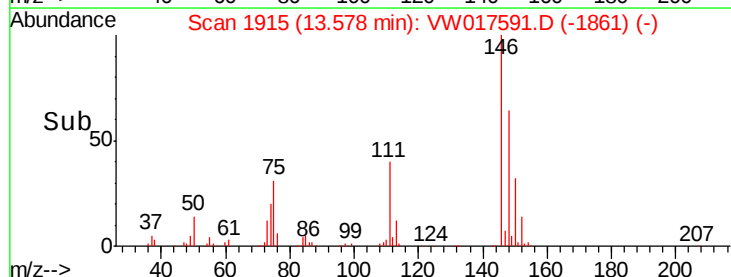
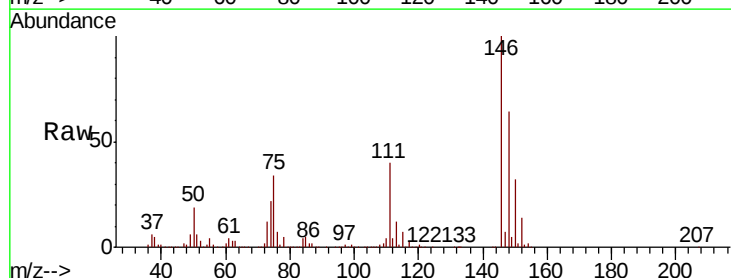
Instrument :
 MSVOA_W
 ClientSampleId :

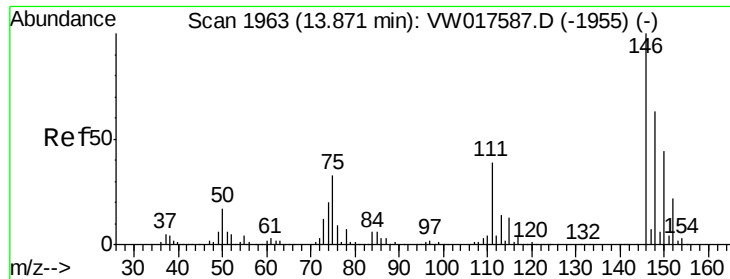
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.5	52.9
148	62.6	47.8	88.8



#64
 1,4-Dichlorobenzene
 Concen: 25.031 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.7	51.5
148	64.3	47.0	87.2





#65

1,2-Dichlorobenzene

Concen: 26.239 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

ClientSampled :

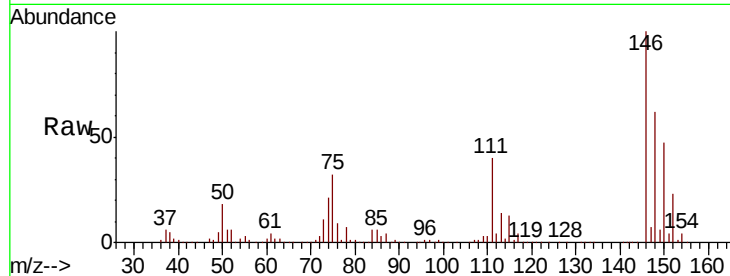
Tot Ion:146 Resp: 272592

Ion Ratio Lower Upper

146 100

111 40.3 31.7 47.5

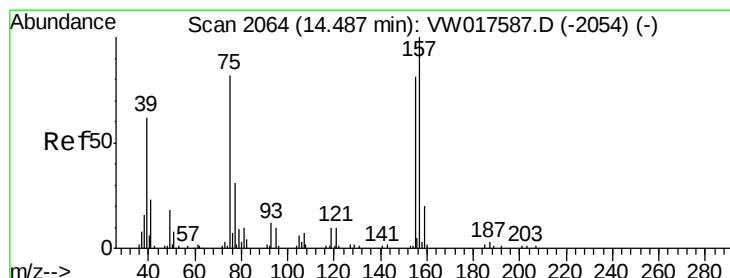
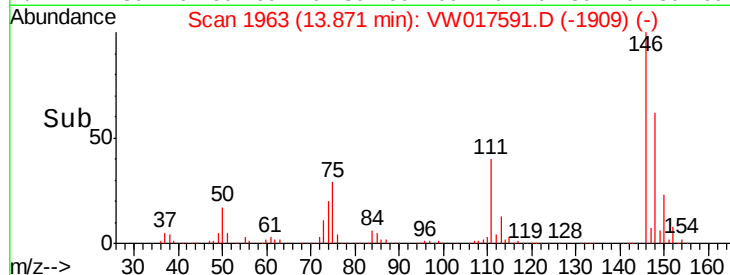
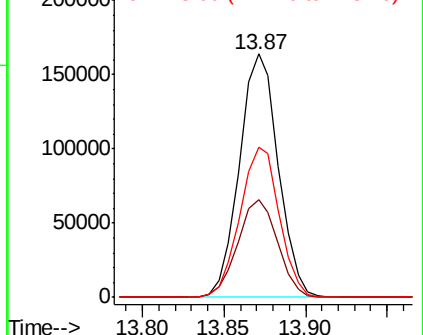
148 61.6 49.3 73.9



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: 26.291 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

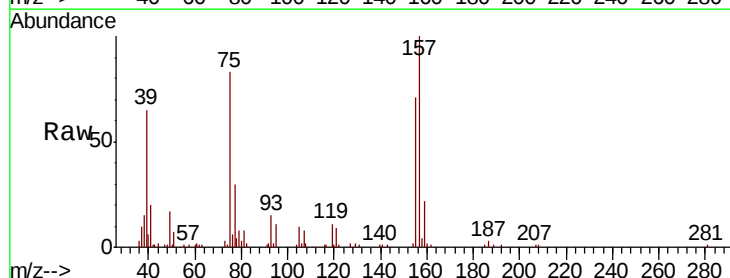
Tgt Ion: 75 Resp: 17586

Ion Ratio Lower Upper

75 100

157 120.7 99.9 149.9

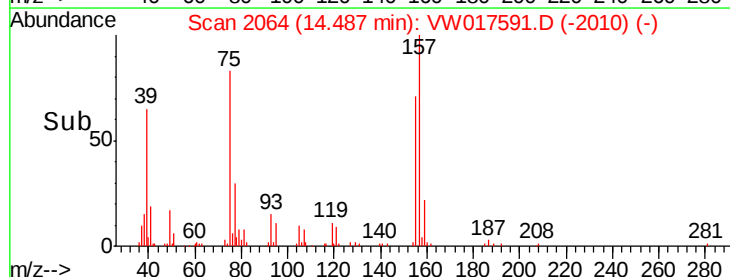
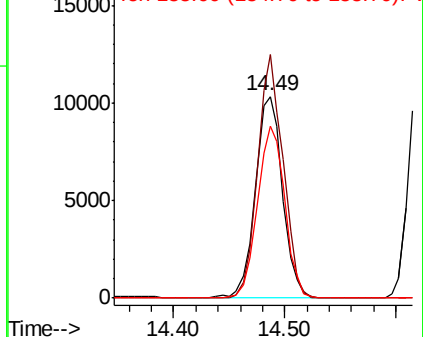
155 85.3 71.4 107.0

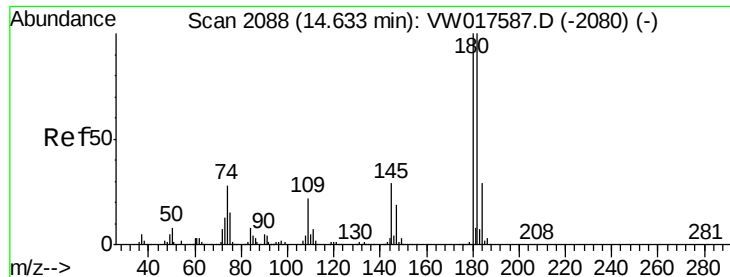


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

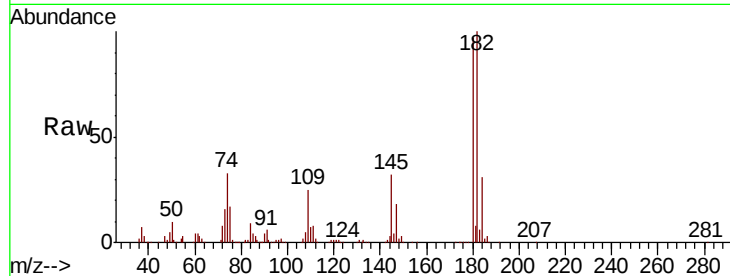




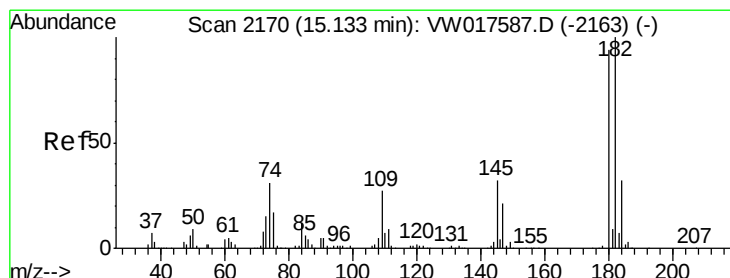
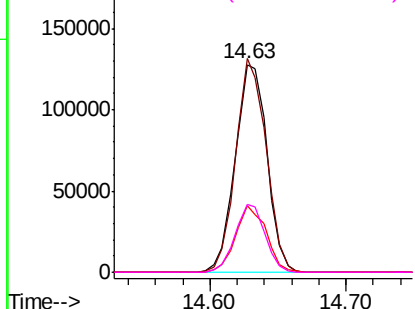
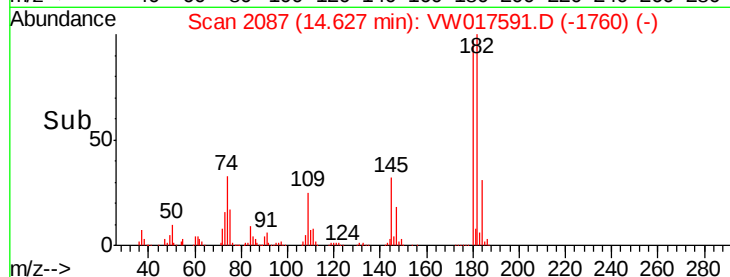
#67
 1,3,5-Trichlorobenzene
 Concen: 24.383 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	208349
Ion Ratio	Lower	Upper
180	100	
182	98.4	77.0 115.6
184	30.7	24.2 36.4
145	31.0	23.5 35.3

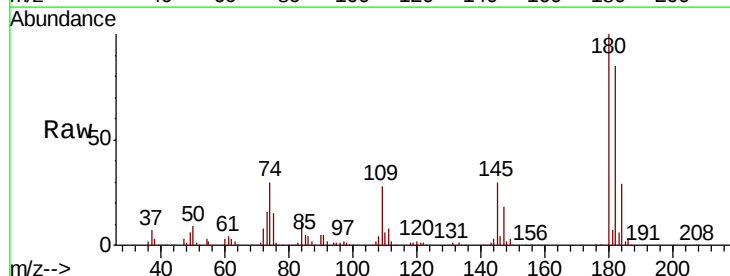


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

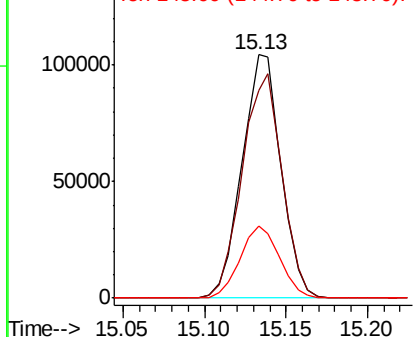
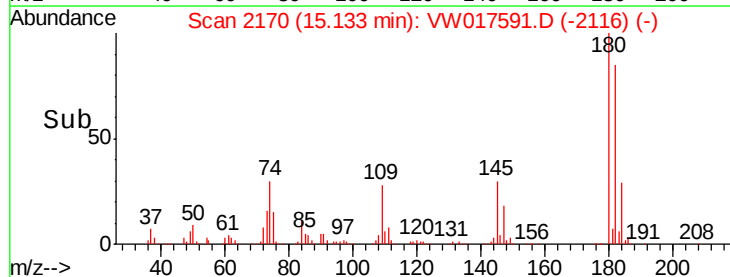


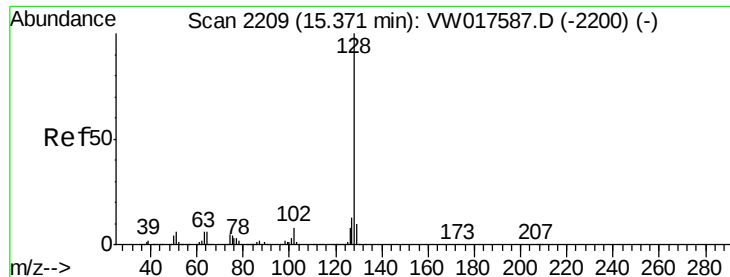
#68
 1,2,4-trichlorobenzene
 Concen: 25.171 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017591.D
 Acq: 08 Dec 2020 17:01

Tgt Ion:180	Resp:	173872
Ion Ratio	Lower	Upper
180	100	
182	94.3	71.3 106.9
145	30.1	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: 27.109 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

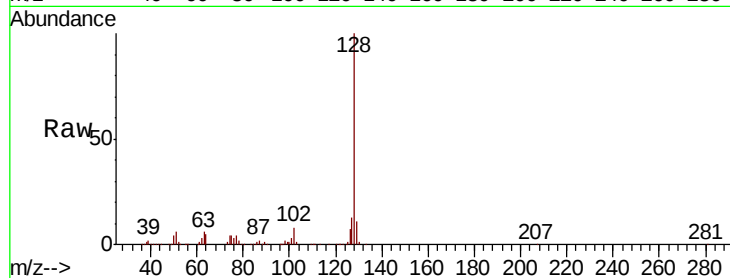
Tot Ion:128 Resp: 289147

Ion Ratio Lower Upper

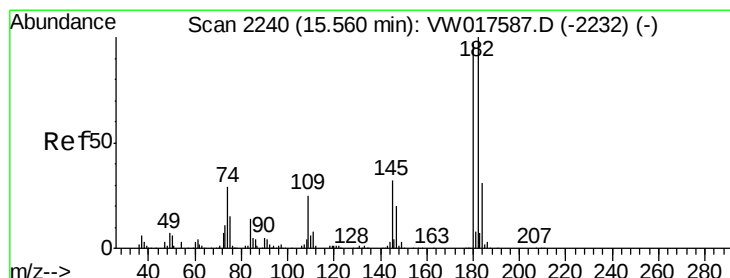
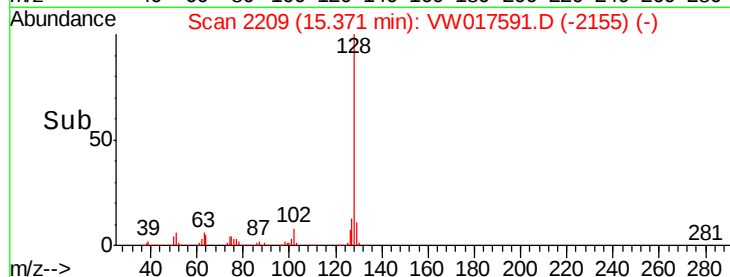
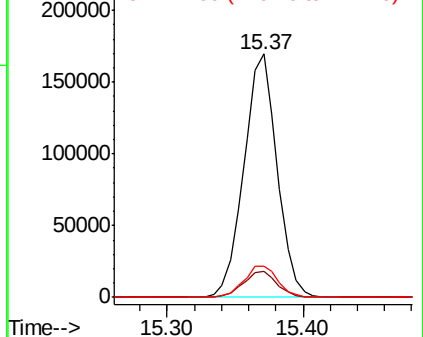
128 100

129 10.9 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: 25.843 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017591.D

Acq: 08 Dec 2020 17:01

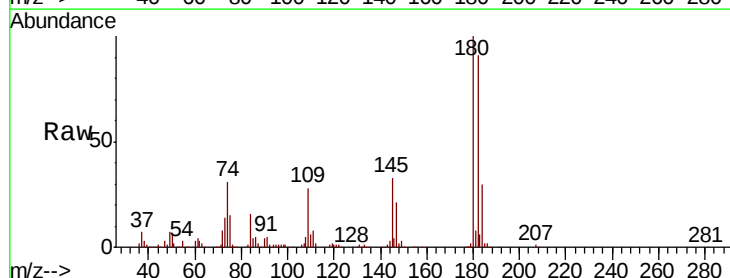
Tgt Ion:180 Resp: 148903

Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

145 33.0 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

