

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017862.D
 Acq On : 13 Jan 2021 21:00
 Operator : SY/VA
 Sample : M1099-04
 Misc : 3.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C04

Quant Time: Jan 14 11:44:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	84549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	28193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32820	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
7) Chloroethane-d5	2.89	69	26321	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.02	63	41785	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.32%
20) 2-Butanone-d5	7.08	46	8816	41.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.16%
24) Chloroform-d	7.65	84	49735	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.43	65	45	0.04	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.28	84	93268	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	27126	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.88%
37) Toluene-d8	10.32	98	79198	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.68%
38) trans-1,3-Dichloropropene-	10.58	79	7815	16.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.56%
39) 2-Hexanone-d5	10.93	63	5536	40.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18922	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	21101	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

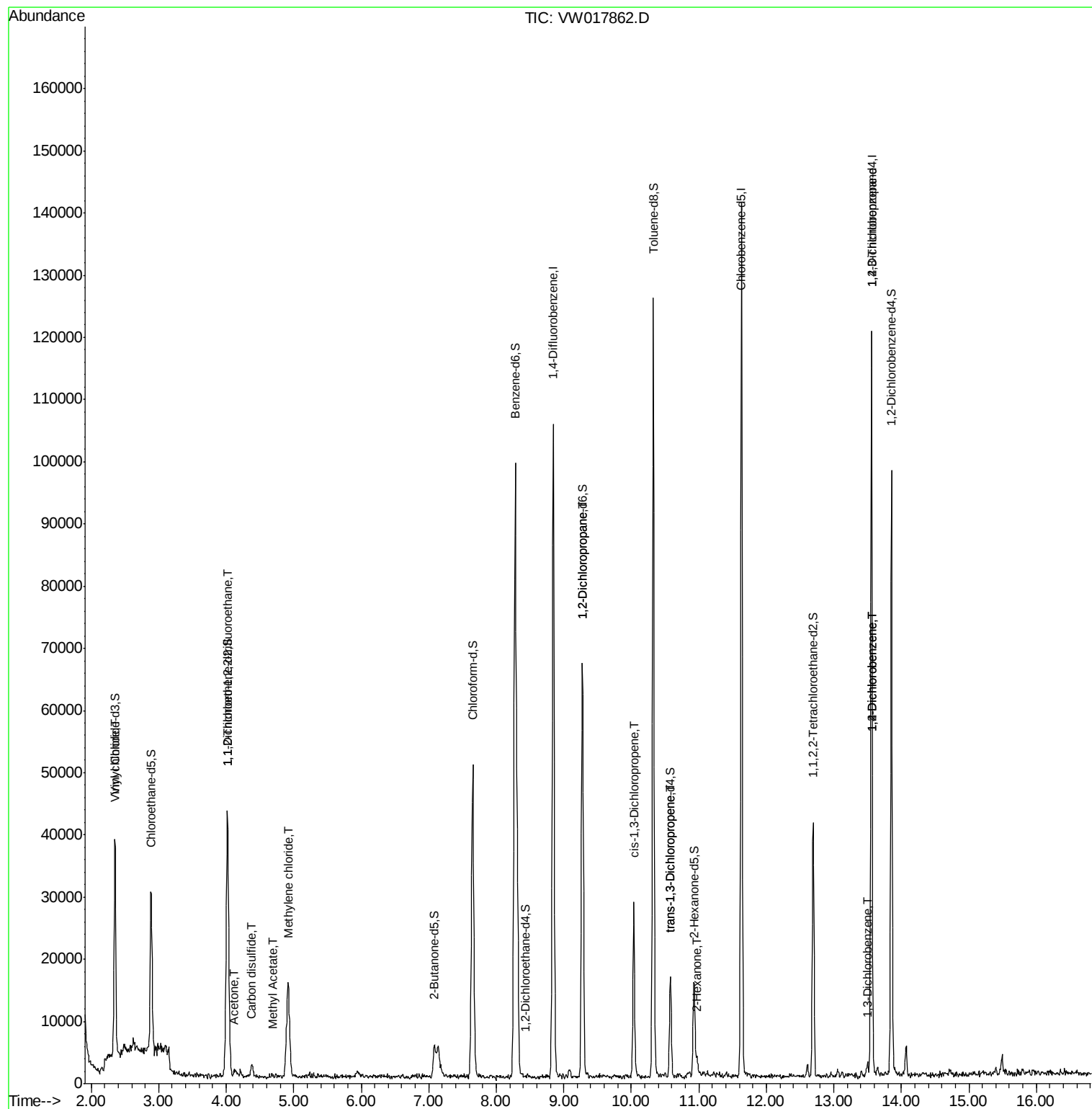
					Qvalue
5) Vinyl chloride	2.36	62	1370	0.976	ug/L # 47
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	315	0.293	ug/L # 20
13) Acetone	4.12	43	839	4.582	ug/L 86
14) Carbon disulfide	4.38	76	3608	1.160	ug/L # 92
15) Methyl Acetate	4.69	43	123	0.347	ug/L # 50
16) Methylene chloride	4.92	84	10580	8.751	ug/L 97
40) 1,2-Dichloropropane	9.28	63	3700	3.918	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	1029	0.683	ug/L # 82
45) trans-1,3-Dichloropropene	10.59	75	403	0.314	ug/L # 39
49) 2-Hexanone	10.97	43	1197	3.677	ug/L # 86
59) 1,2,3-Trichloropropane	13.56	75	4480	7.778	ug/L 91
63) 1,3-Dichlorobenzene	13.50	146	676	0.388	ug/L # 80
64) 1,4-Dichlorobenzene	13.58	146	519	0.297	ug/L 90
65) 1,2-Dichlorobenzene	13.58	146	519	0.339	ug/L 92

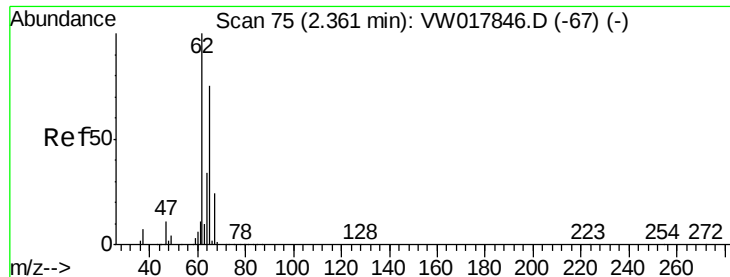
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
Data File : VW017862.D
Acq On : 13 Jan 2021 21:00
Operator : SY/VA
Sample : M1099-04
Misc : 3.20G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C04

Quant Time: Jan 14 11:44:03 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.976 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW017862.D

Acq: 13 Jan 2021 21:00

Instrument :

MSVOA_W

ClientSampleId :

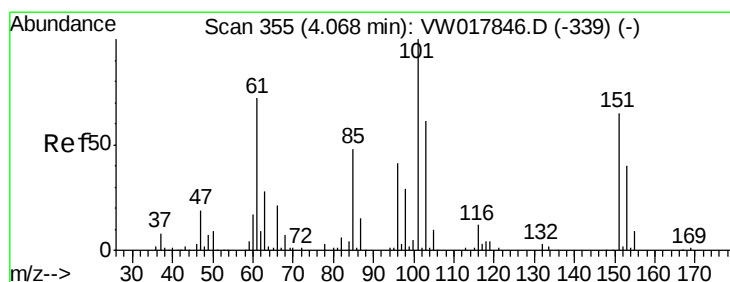
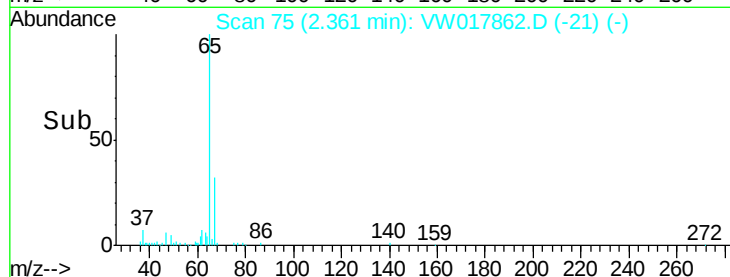
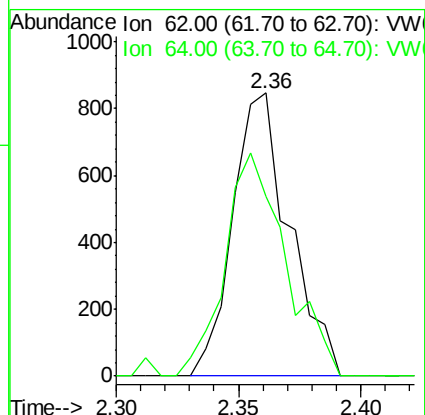
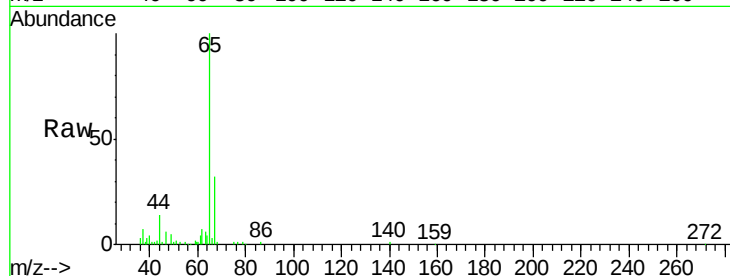
F1C04

Tgt Ion: 62 Resp: 1370

Ion Ratio Lower Upper

62 100

64 63.6 23.3 43.3#



#11

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

Concen: 0.293 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW017862.D

Acq: 13 Jan 2021 21:00

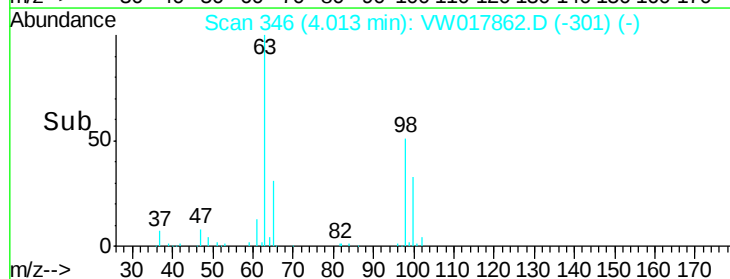
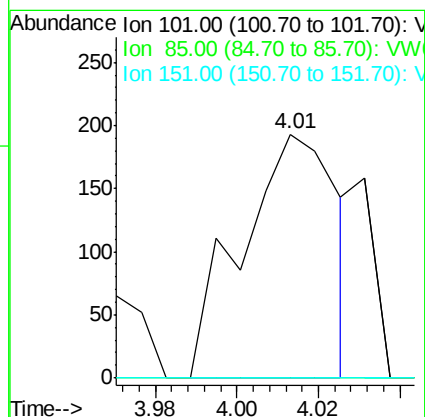
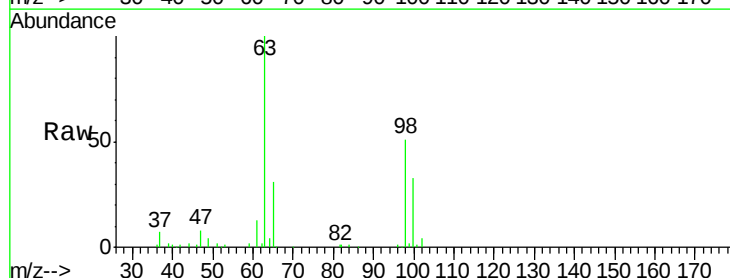
Tgt Ion: 101 Resp: 315

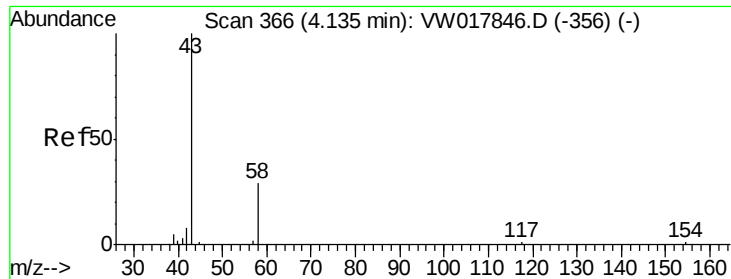
Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#





#13

Acetone

Concen: 4.582 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017862.D

Acq: 13 Jan 2021 21:00

Instrument :

MSVOA_W

ClientSampled :

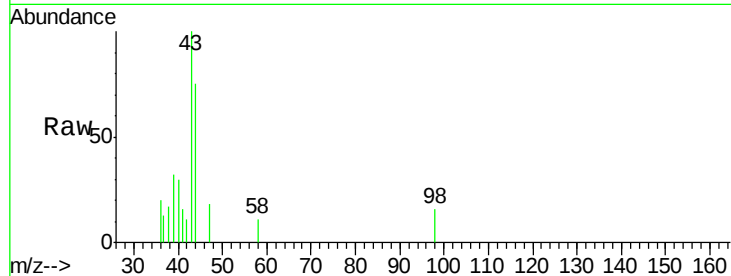
F1C04

Tgt Ion: 43 Resp: 839

Ion Ratio Lower Upper

43 100

58 22.9 0.0 60.8



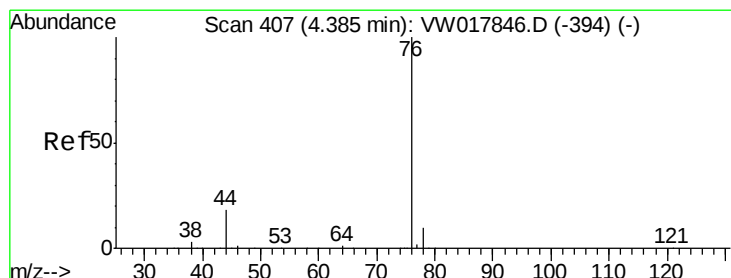
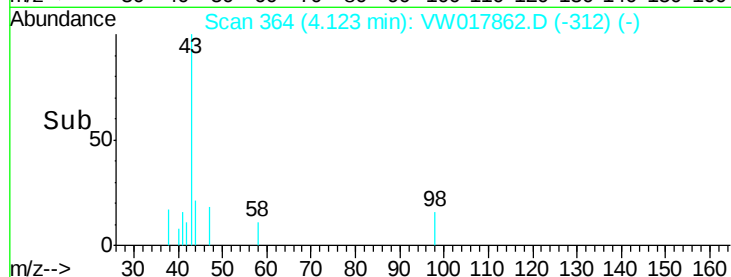
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.14

Time-->



#14

Carbon disulfide

Concen: 1.160 ug/L

RT: 4.38 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017862.D

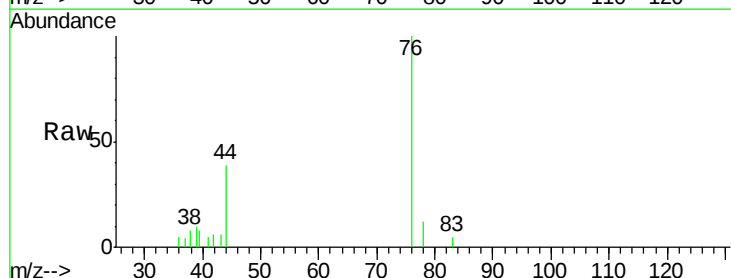
Acq: 13 Jan 2021 21:00

Tgt Ion: 76 Resp: 3608

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#



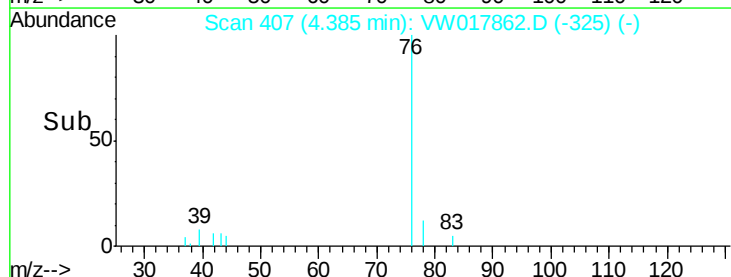
Abundance Ion 76.00 (75.70 to 76.70): VW

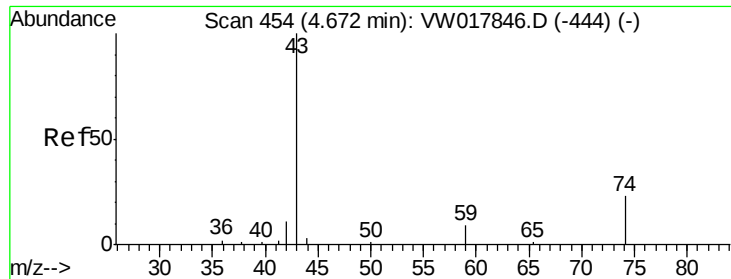
Ion 78.00 (77.70 to 78.70): VW

4.38

4.45

Time-->

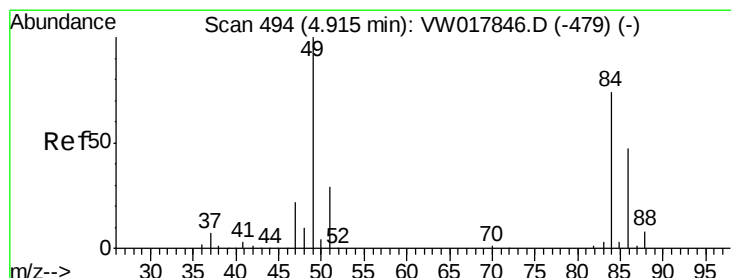
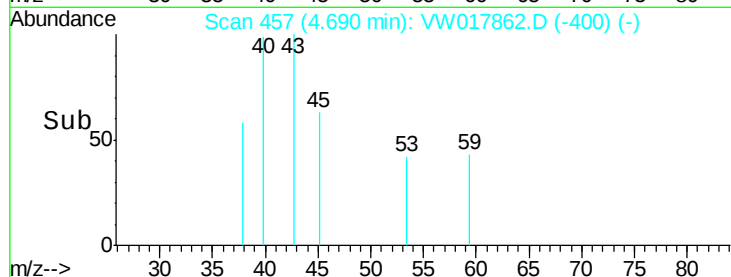
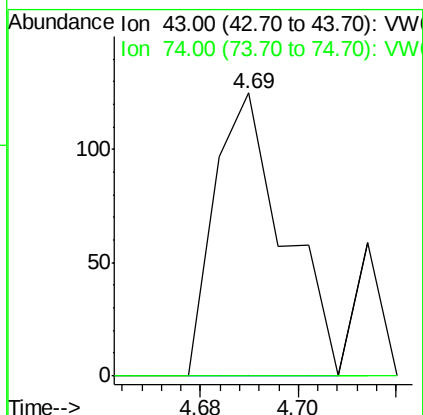
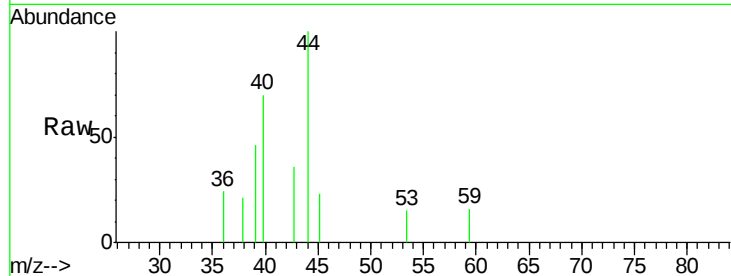




#15
Methyl Acetate
Concen: 0.347 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

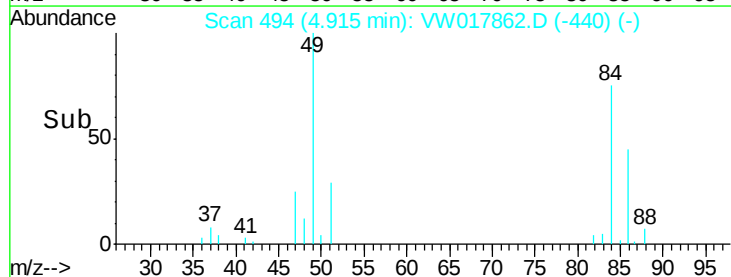
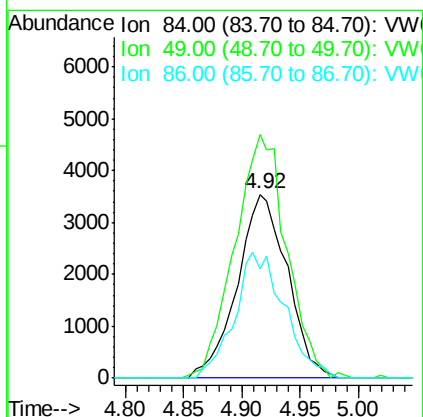
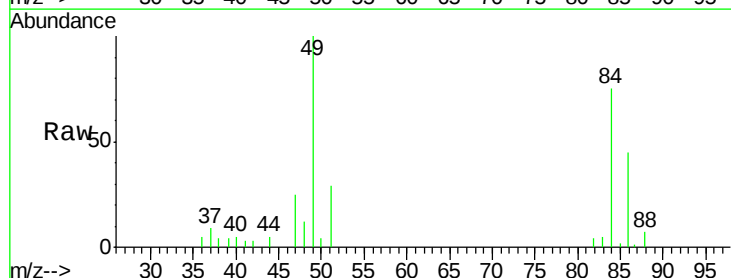
Instrument :
MSVOA_W
ClientSampled :
F1C04

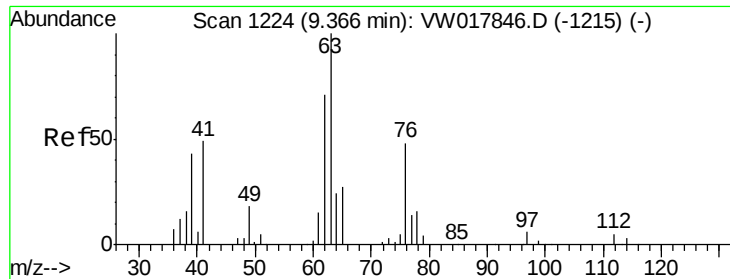
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#16
Methylene chloride
Concen: 8.751 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Tgt Ion: 84 Resp: 10580
Ion Ratio Lower Upper
84 100
49 132.7 90.5 168.1
86 61.5 44.8 83.2

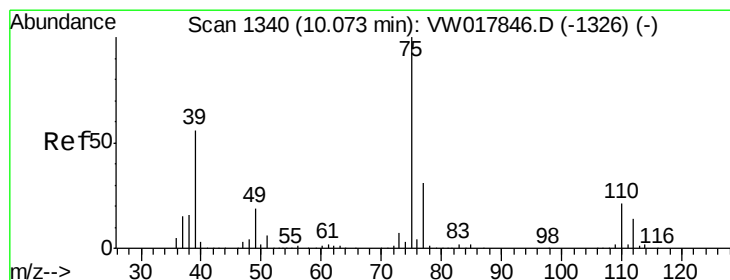
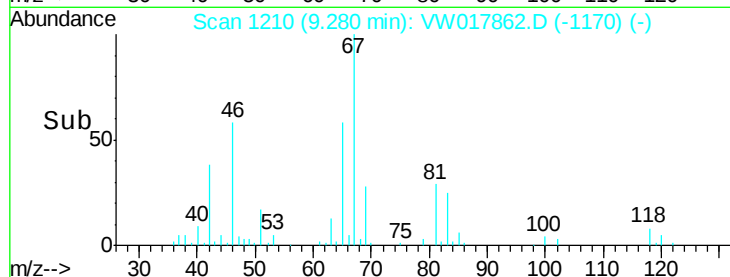
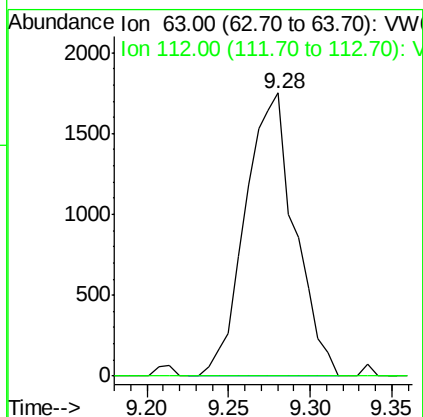
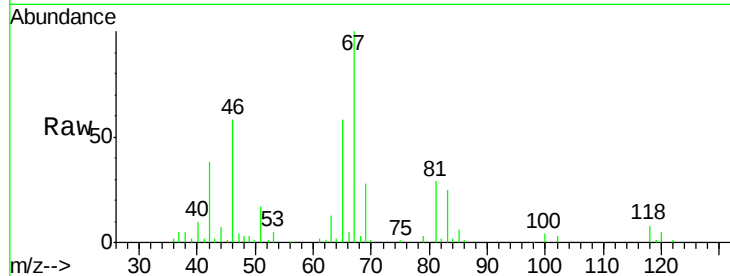




#40
 1,2-Dichloropropane
 Concen: 3.918 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017862.D
 Acq: 13 Jan 2021 21:00

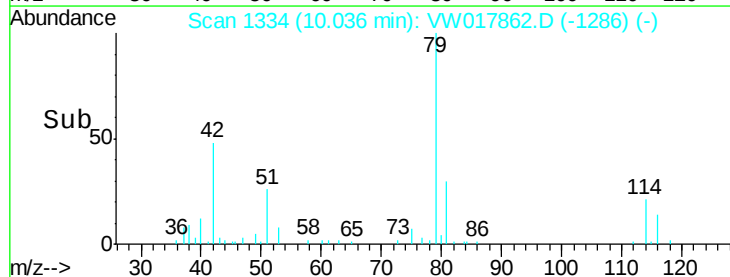
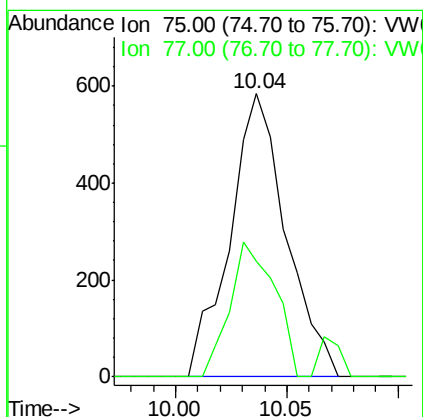
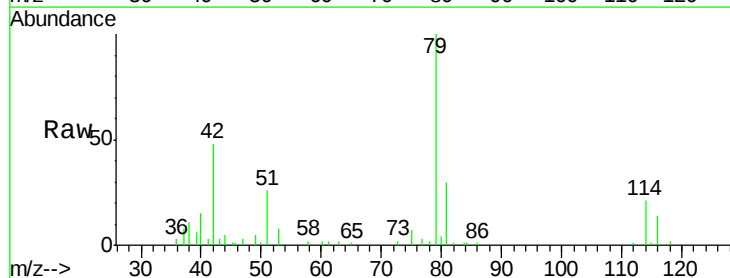
Instrument :
 MSVOA_W
 ClientSampleId :
 F1C04

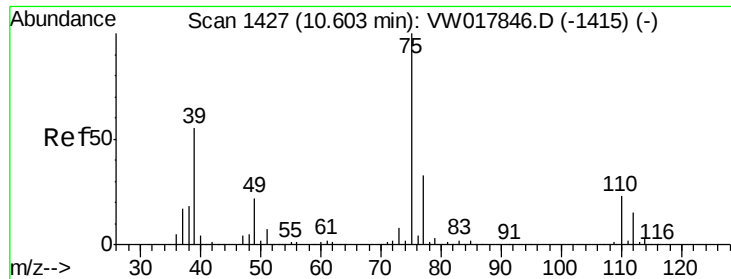
Tgt Ion: 63 Resp: 3700
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.683 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017862.D
 Acq: 13 Jan 2021 21:00

Tgt Ion: 75 Resp: 1029
 Ion Ratio Lower Upper
 75 100
 77 40.8 21.6 40.2#

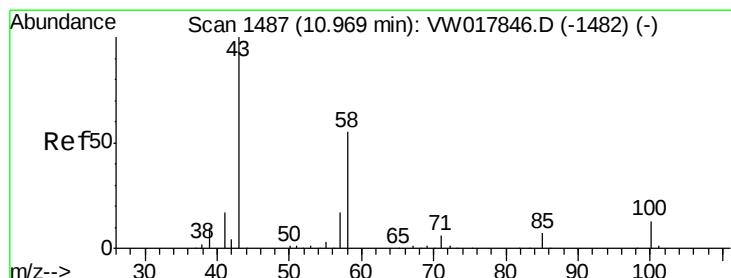
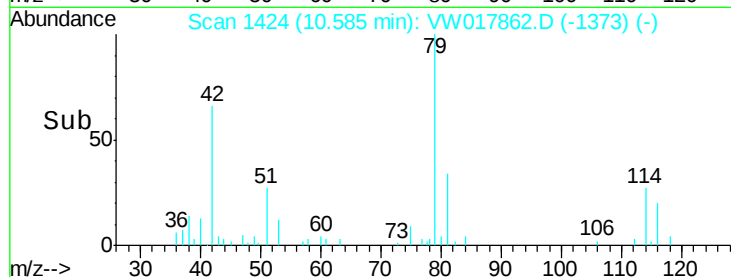
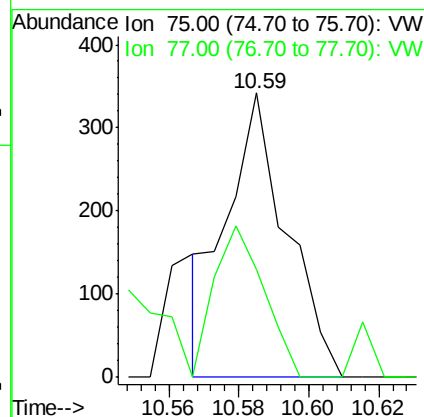
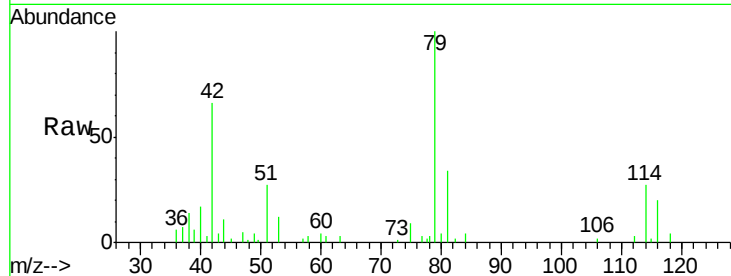




#45
trans-1,3-Dichloropropene
Concen: 0.314 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

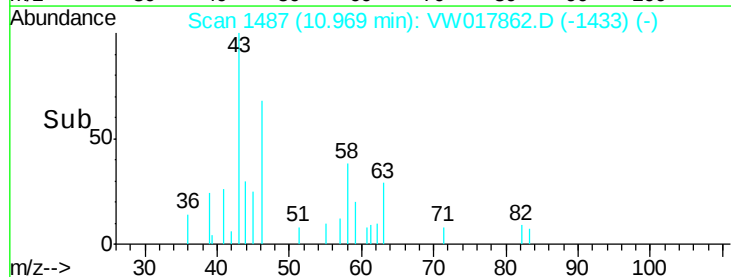
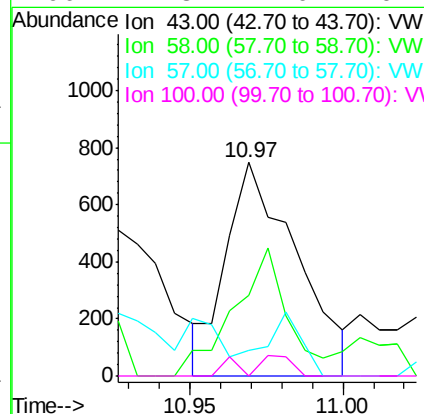
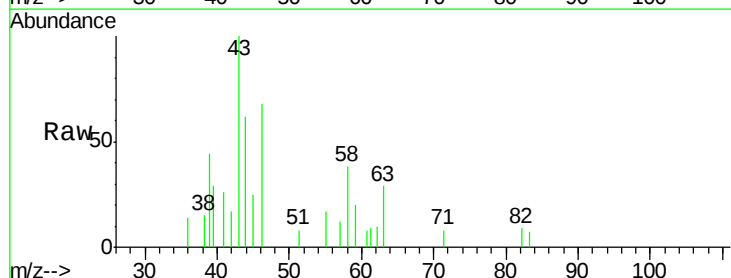
Instrument :
MSVOA_W
ClientSampleId :
F1C04

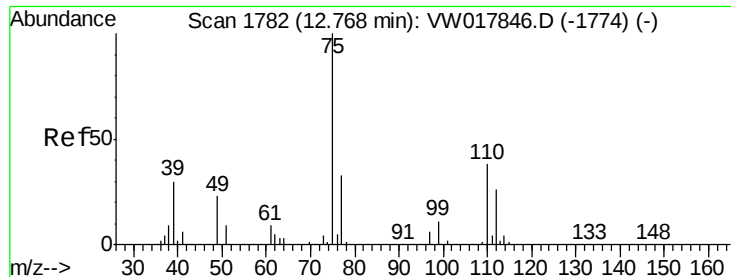
Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
77 64.0 21.6 40.0#



#49
2-Hexanone
Concen: 3.677 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 45.9 44.2 66.4
57 16.1 16.1 24.1
100 4.3 11.0 16.4#

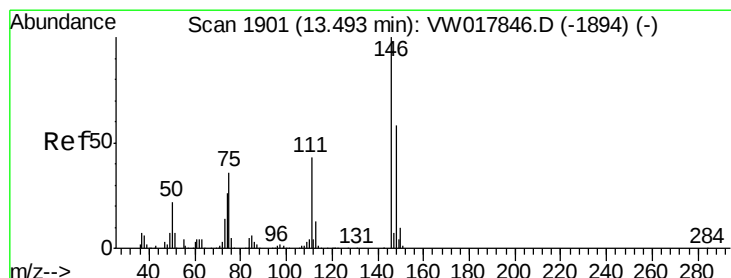
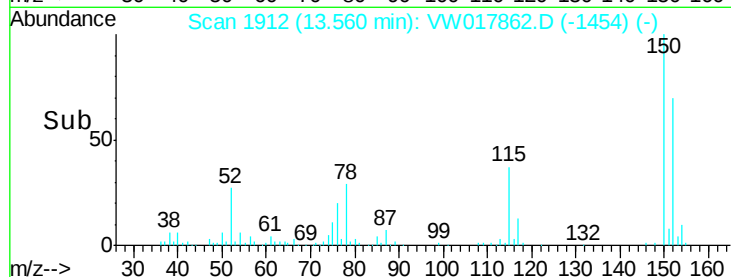
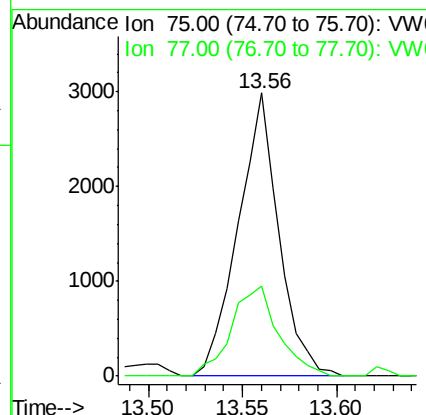
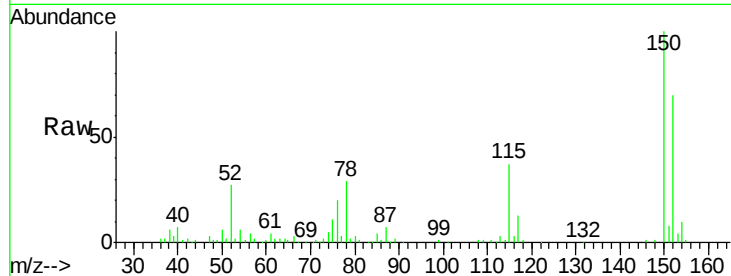




#59
 1,2,3-Trichloropropane
 Concen: 7.778 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW017862.D
 Acq: 13 Jan 2021 21:00

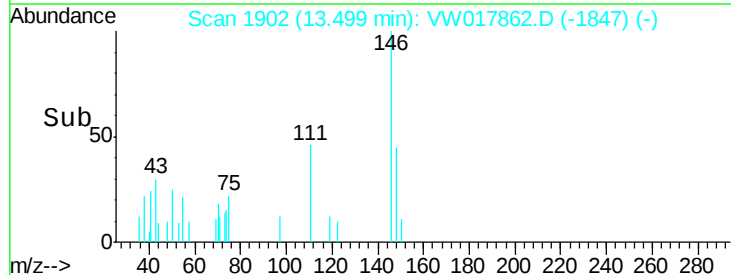
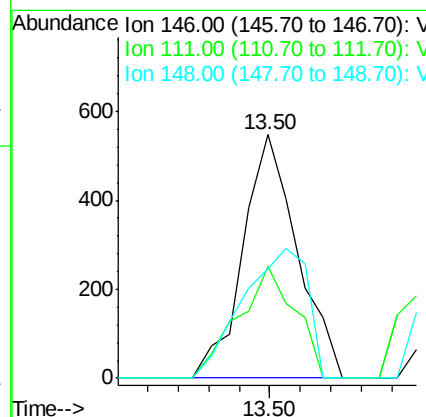
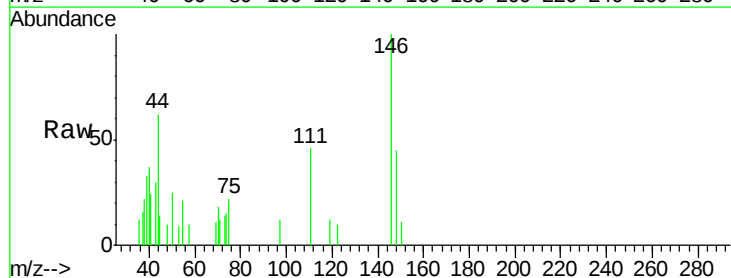
Instrument :
 MSVOA_W
 ClientSampled :
 F1C04

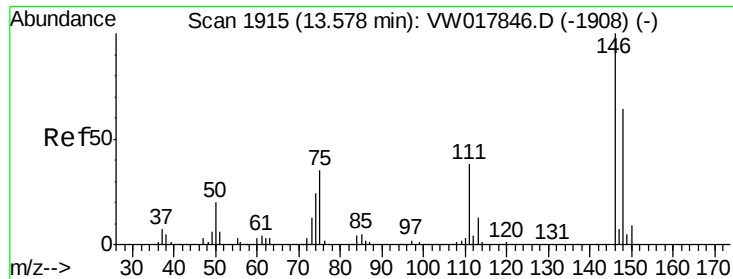
Tgt Ion: 75 Resp: 4480
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.4 38.0



#63
 1,3-Dichlorobenzene
 Concen: 0.388 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW017862.D
 Acq: 13 Jan 2021 21:00

Tgt Ion: 146 Resp: 676
 Ion Ratio Lower Upper
 146 100
 111 46.0 29.5 54.7
 148 44.7 47.7 88.5#

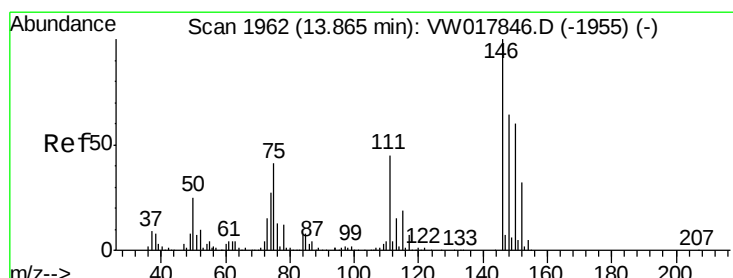
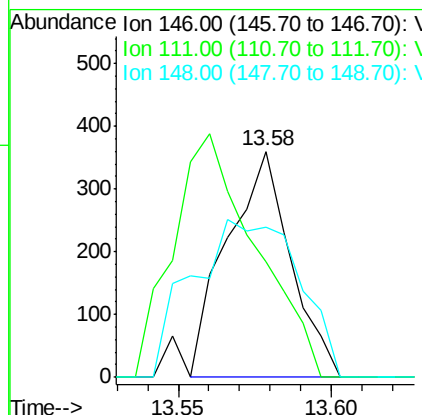
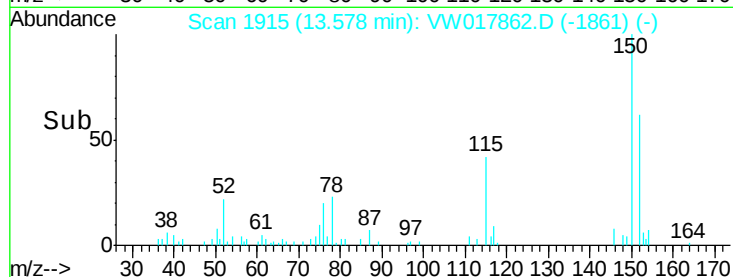
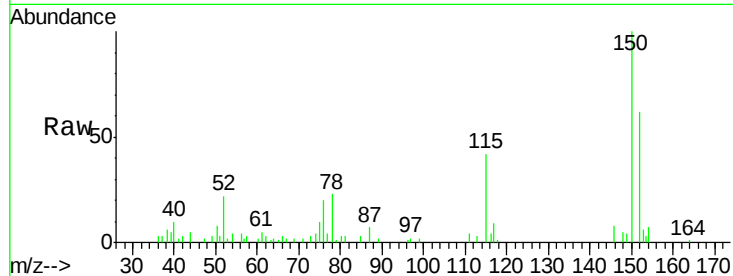




#64
1,4-Dichlorobenzene
Concen: 0.297 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Instrument :
MSVOA_W
ClientSampled :
F1C04

Tgt Ion:146 Resp: 519
Ion Ratio Lower Upper
146 100
111 50.8 27.7 51.5
148 66.7 44.2 82.2



#65
1,2-Dichlorobenzene
Concen: 0.339 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. -0.29 min
Lab File: VW017862.D
Acq: 13 Jan 2021 21:00

Tgt Ion:146 Resp: 519
Ion Ratio Lower Upper
146 100
111 50.8 34.4 51.6
148 66.7 50.6 76.0

