

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017913.D
 Acq On : 15 Jan 2021 21:17
 Operator : SY/VA
 Sample : M1099-12
 Misc : 7.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C08

Quant Time: Jan 18 04:35:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330342	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	123796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108827	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.89	69	93180	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	4.02	63	147851	14.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.32%
20) 2-Butanone-d5	7.08	46	49834	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
24) Chloroform-d	7.65	84	205203	20.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.04%
26) 1,2-Dichloroethane-d4	8.31	65	120712	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.24%
29) Benzene-d6	8.27	84	401027	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	119020	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	10.32	98	359499	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.48%
38) trans-1,3-Dichloropropene-	10.58	79	39905	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.80%
39) 2-Hexanone-d5	10.93	63	34667	53.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.64%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	87047	22.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	88568	20.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.16%

Target Compounds

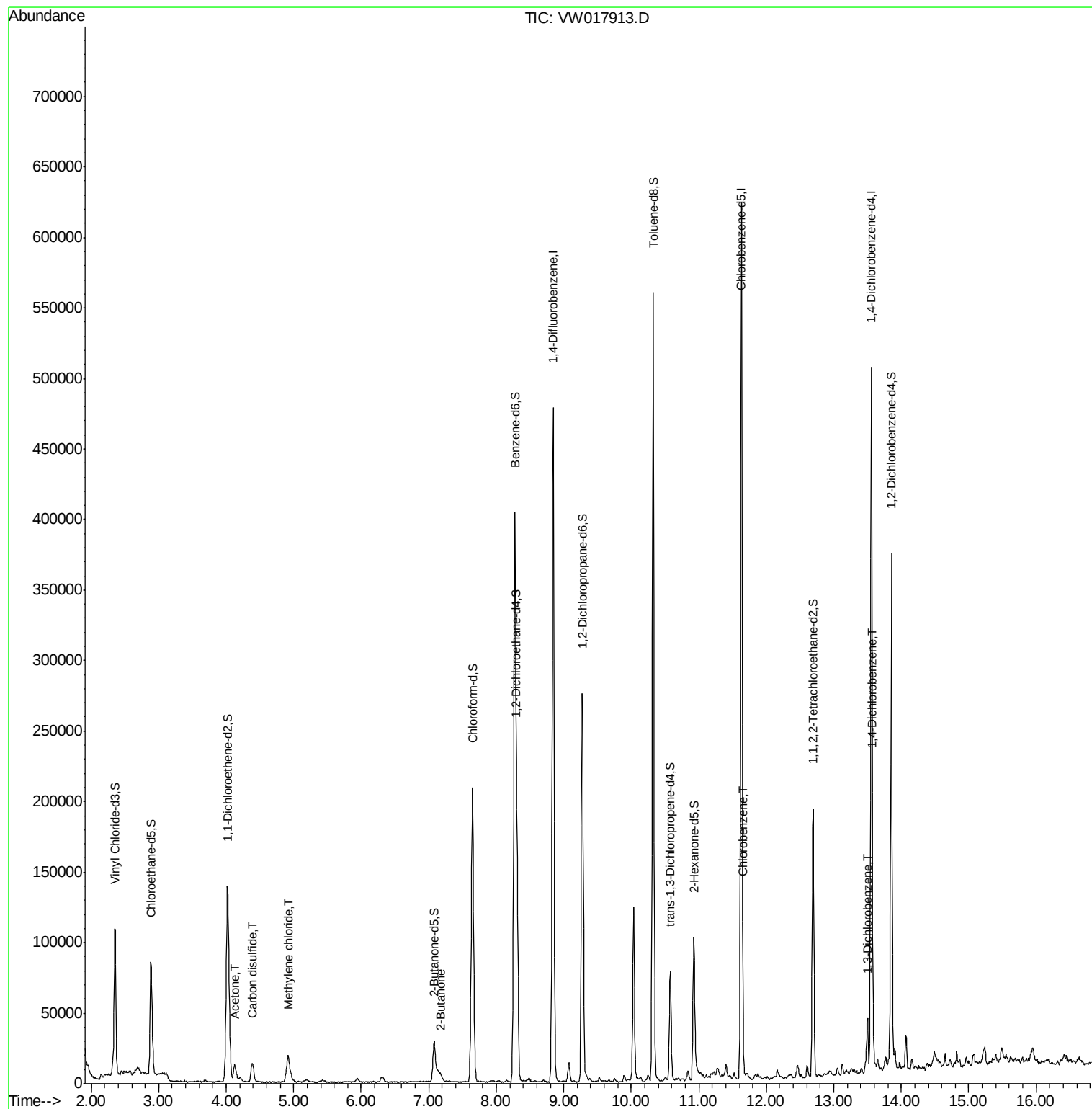
					Ovalue
13) Acetone	4.13	43	22732	27.423 ug/L	92
14) Carbon disulfide	4.39	76	29015	2.060 ug/L #	93
16) Methylene chloride	4.92	84	14639	2.674 ug/L	89
21) 2-Butanone	7.18	43	6057	5.432 ug/L	74
52) Chlorobenzene	11.66	112	5792	0.431 ug/L	87
63) 1,3-Dichlorobenzene	13.50	146	13179	1.725 ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	13080	1.703 ug/L	93

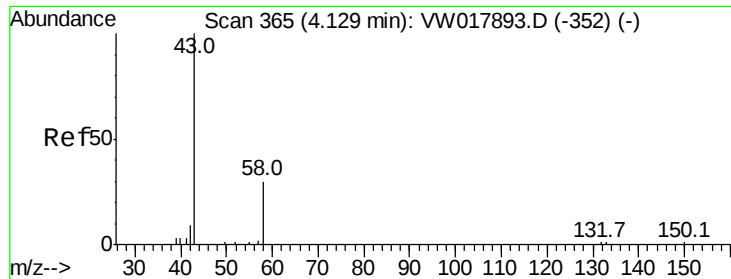
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#13

Acetone

Concen: 27.423 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017913.D

Acq: 15 Jan 2021 21:17

Instrument :

MSVOA_W

ClientSampleId :

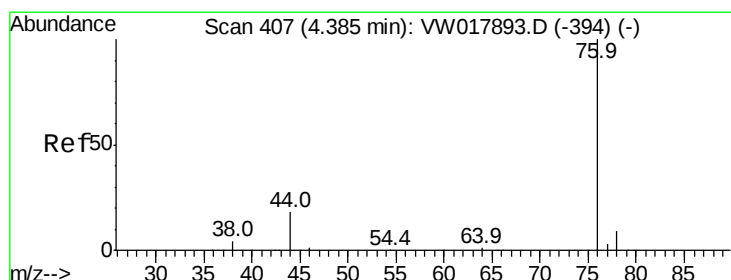
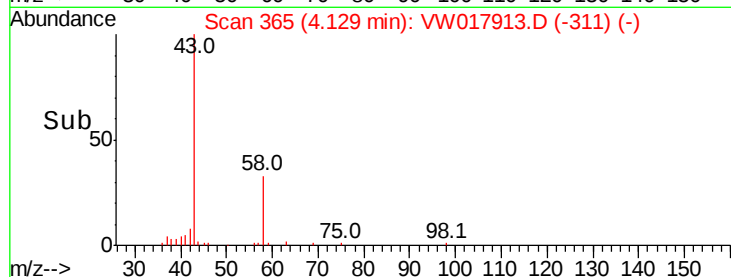
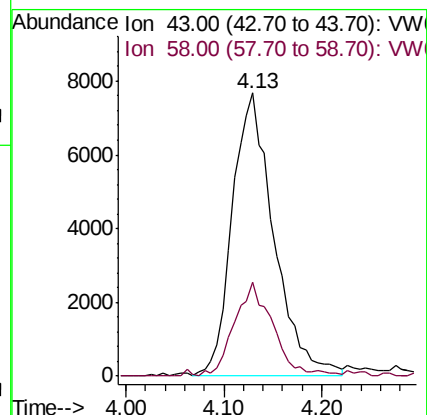
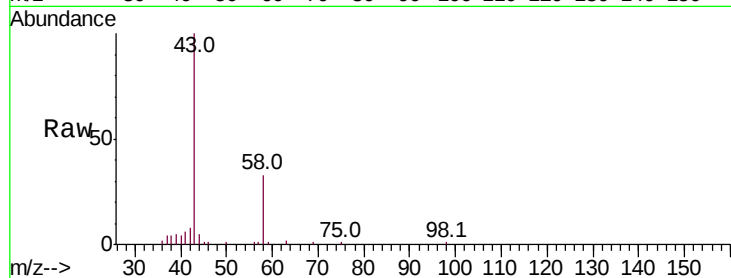
F1C08

Tot Ion: 43 Resp: 22732

Ion Ratio Lower Upper

43 100

58 29.4 0.0 68.4



#14

Carbon disulfide

Concen: 2.060 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017913.D

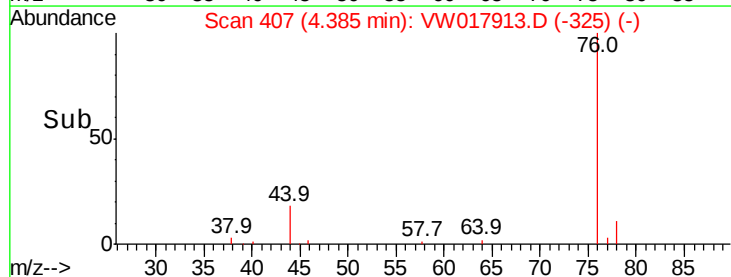
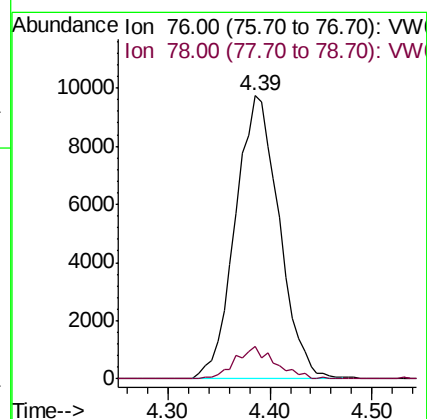
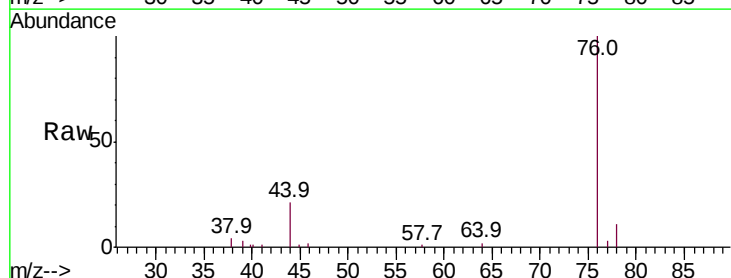
Acq: 15 Jan 2021 21:17

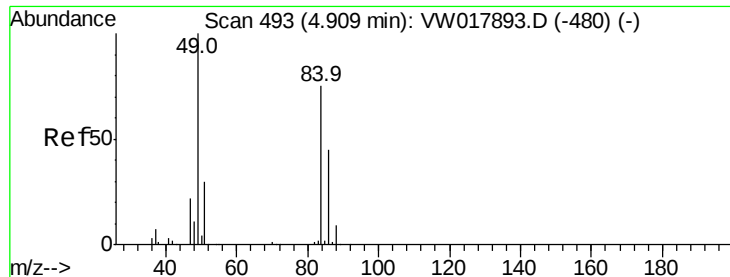
Tgt Ion: 76 Resp: 29015

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.4#

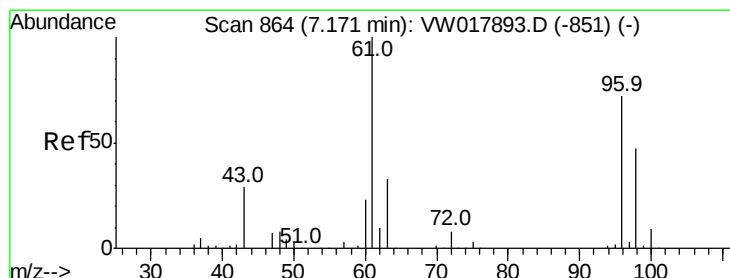
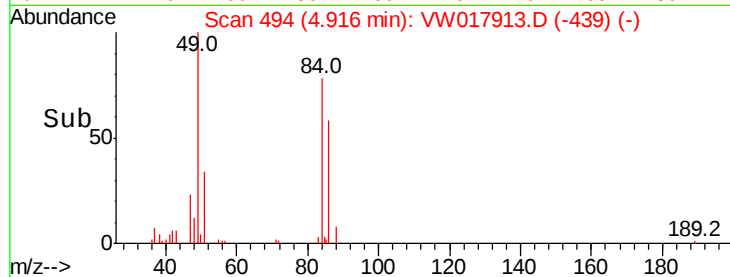
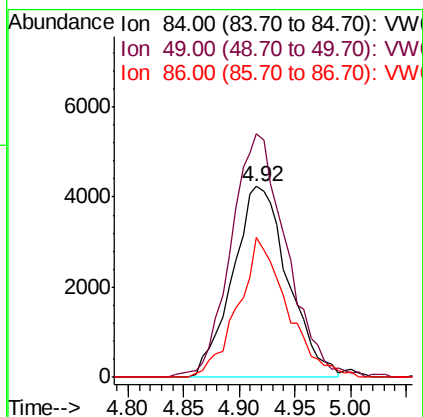
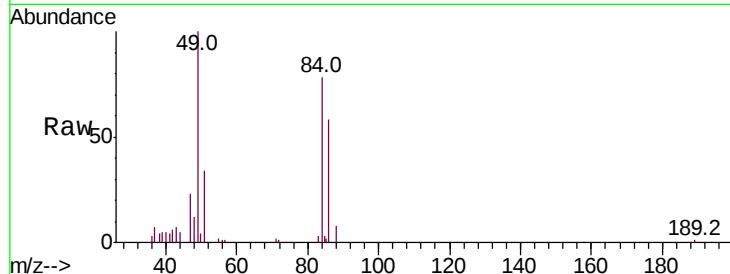




#16
Methylene chloride
Concen: 2.674 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW017913.D
Acq: 15 Jan 2021 21:17

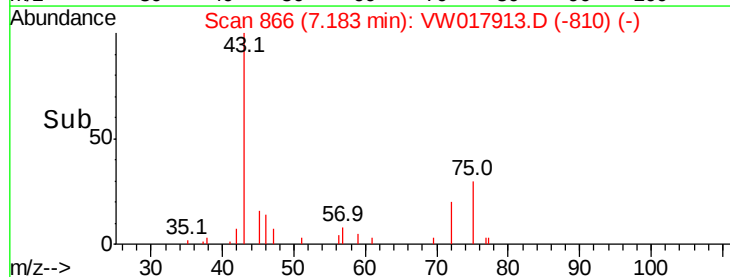
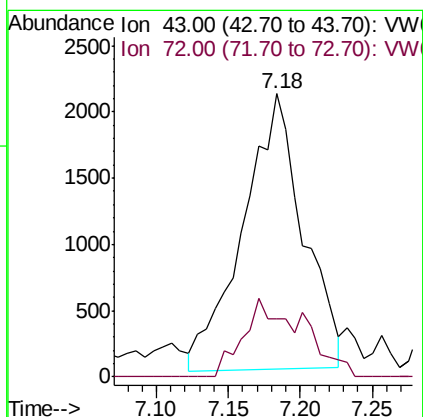
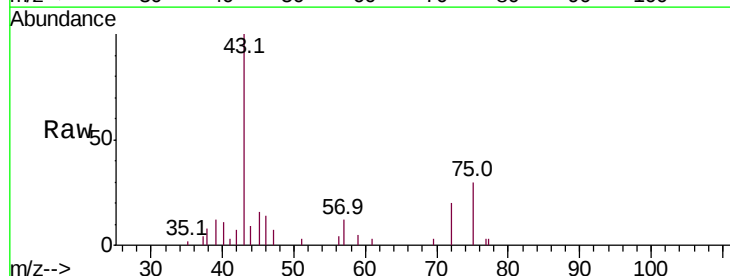
Instrument :
MSVOA_W
ClientSampled :
F1C08

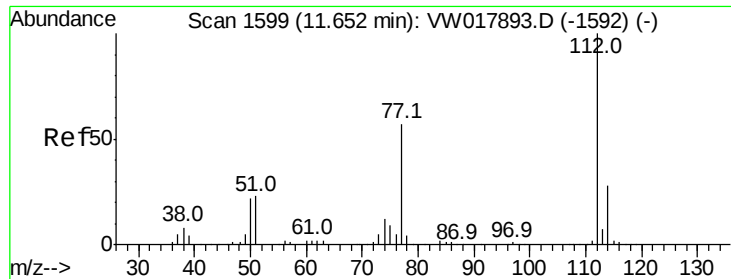
Tot Ion: 84 Resp: 14639
Ion Ratio Lower Upper
84 100
49 127.7 81.2 150.8
86 73.5 44.5 82.7



#21
2-Butanone
Concen: 5.432 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017913.D
Acq: 15 Jan 2021 21:17

Tgt Ion: 43 Resp: 6057
Ion Ratio Lower Upper
43 100
72 14.9 14.4 43.2





#52

Chlorobenzene

Concen: 0.431 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW017913.D

Acq: 15 Jan 2021 21:17

Instrument :

MSVOA_W

ClientSampled :

F1C08

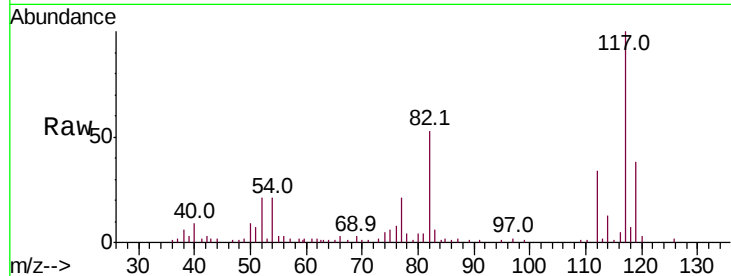
Tot Ion:112 Resp: 5792

Ion Ratio Lower Upper

112 100

77 62.2 42.6 64.0

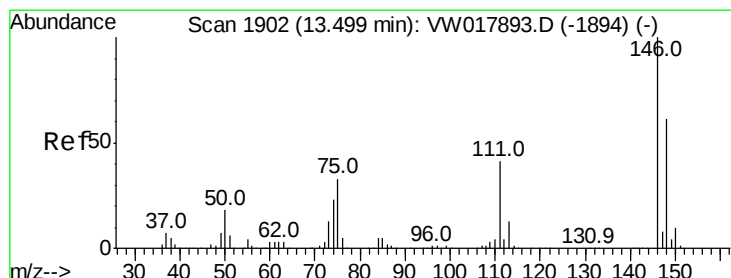
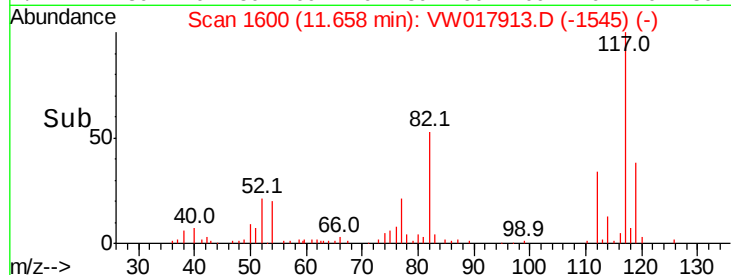
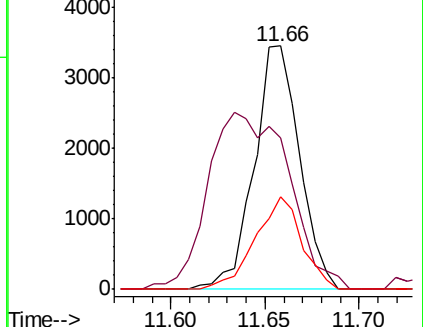
114 38.0 21.6 40.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V



#63

1,3-Dichlorobenzene

Concen: 1.725 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW017913.D

Acq: 15 Jan 2021 21:17

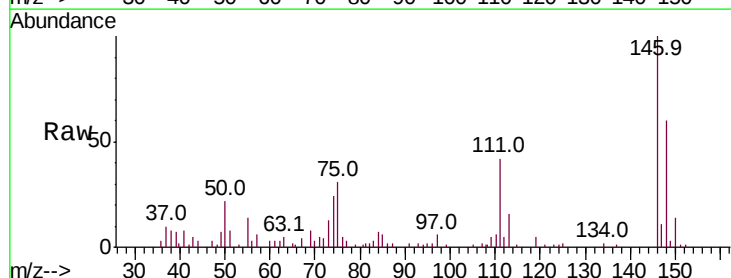
Tgt Ion:146 Resp: 13179

Ion Ratio Lower Upper

146 100

111 41.6 28.5 52.9

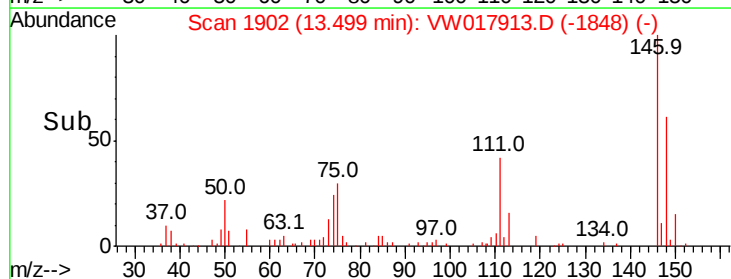
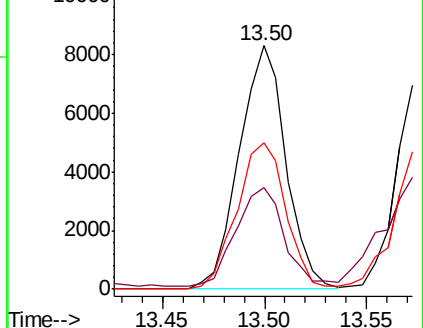
148 60.1 47.8 88.8

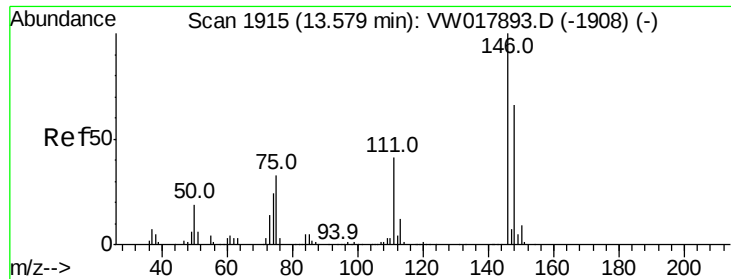


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

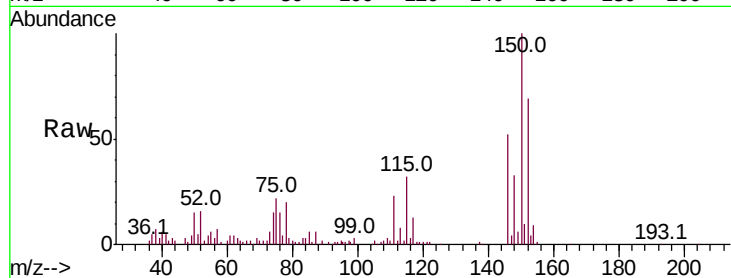




#64
 1,4-Dichlorobenzene
 Concen: 1.703 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017913.D
 Acq: 15 Jan 2021 21:17

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C08

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	27.7	51.5
148	62.2	47.0	87.2



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

