

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017899.D
 Acq On : 15 Jan 2021 15:48
 Operator : SY/VA
 Sample : M1099-11
 Misc : 7.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C07

Quant Time: Jan 18 03:01:03 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	294130	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103196	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.89	69	88757	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.02	63	133598	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	7.07	46	47666	64.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.24%
24) Chloroform-d	7.65	84	188410	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.31	65	112817	28.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.44%
29) Benzene-d6	8.27	84	364161	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	108787	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.32	98	318829	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	39831	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	31661	64.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82075	28.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	75367	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

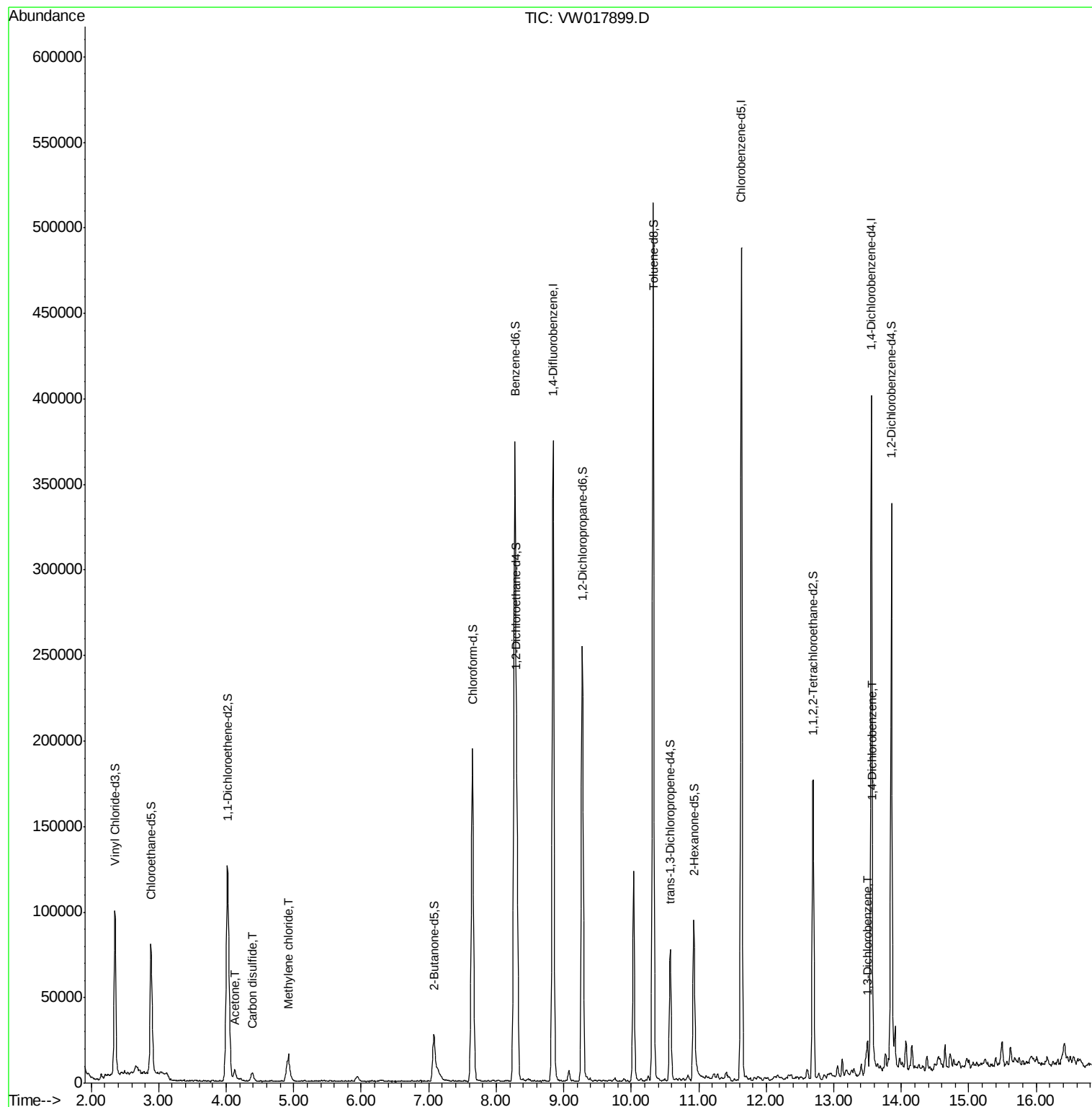
					Ovalue
13) Acetone	4.12	43	10595	16.634	ug/L 91
14) Carbon disulfide	4.39	76	10847	1.002	ug/L 100
16) Methylene chloride	4.92	84	10556	2.510	ug/L 74
63) 1,3-Dichlorobenzene	13.50	146	5611	0.998	ug/L 97
64) 1,4-Dichlorobenzene	13.58	146	5365	0.950	ug/L # 85

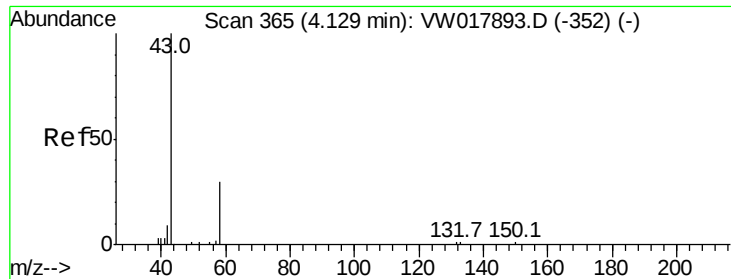
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.634 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017899.D

Acq: 15 Jan 2021 15:48

Instrument :

MSVOA_W

ClientSampleId :

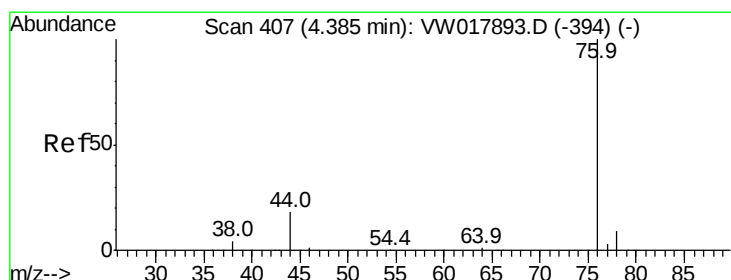
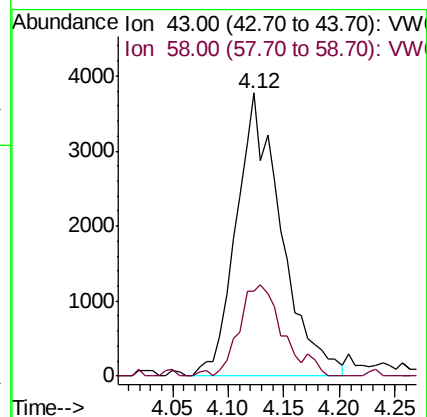
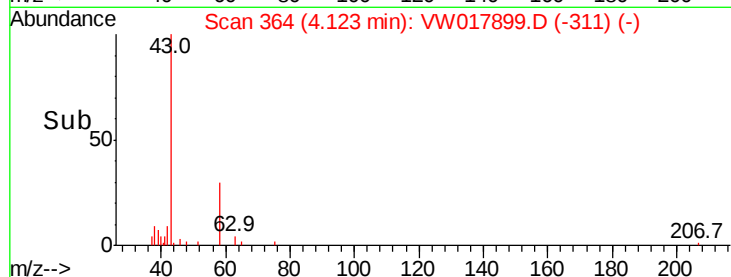
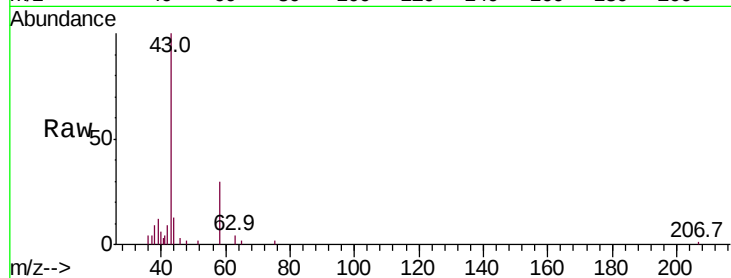
F1C07

Tot Ion: 43 Resp: 10595

Ion Ratio Lower Upper

43 100

58 29.1 0.0 68.4



#14

Carbon disulfide

Concen: 1.002 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

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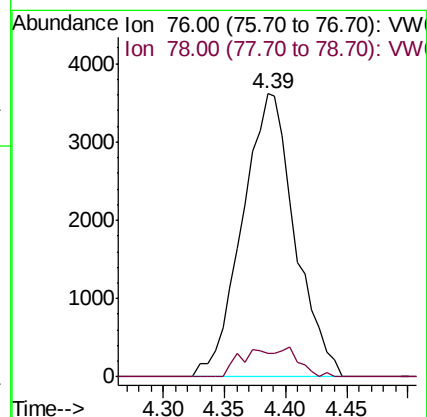
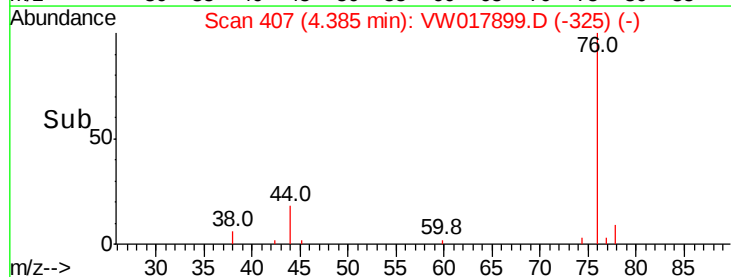
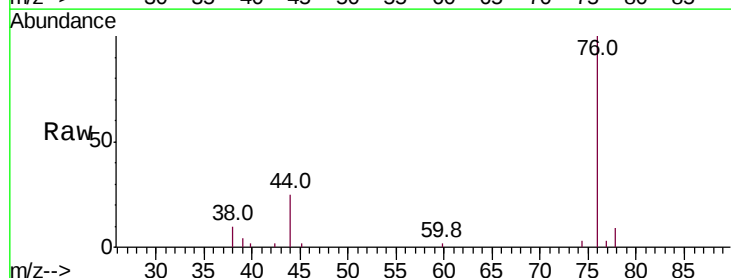
Acq: 15 Jan 2021 15:48

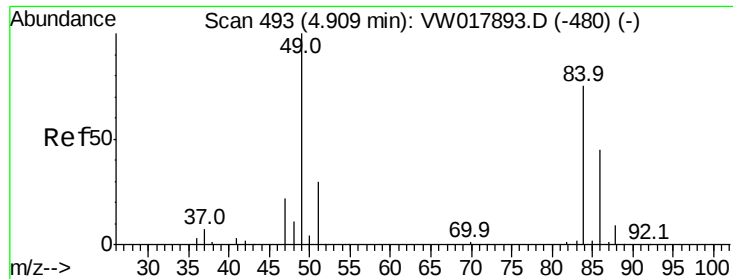
Tgt Ion: 76 Resp: 10847

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4

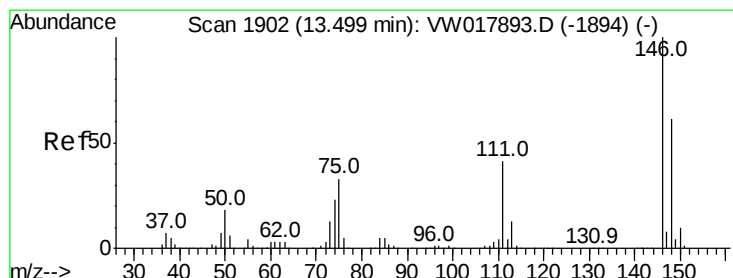
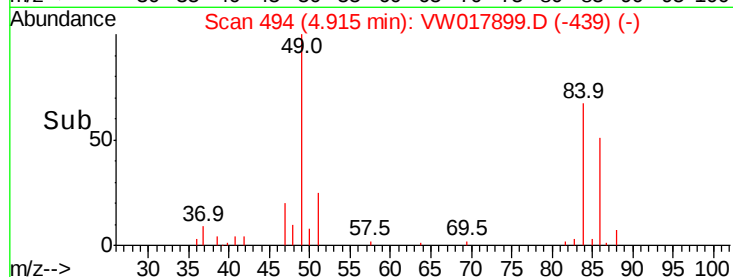
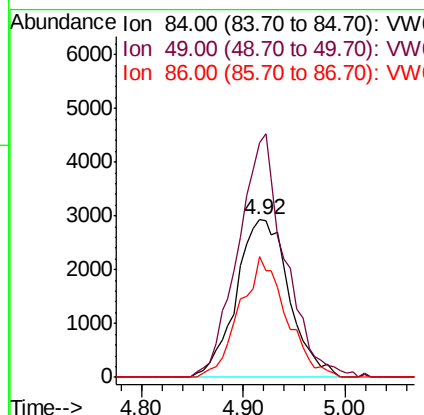
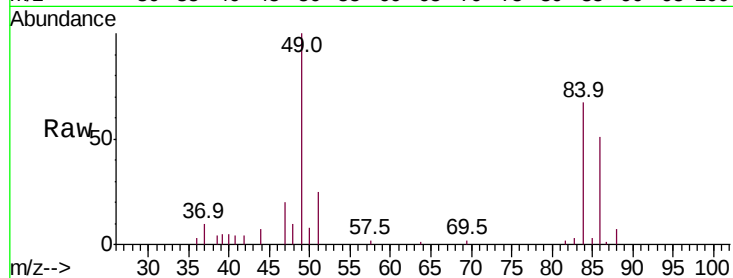




#16
Methylene chloride
Concen: 2.510 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW017899.D
Acq: 15 Jan 2021 15:48

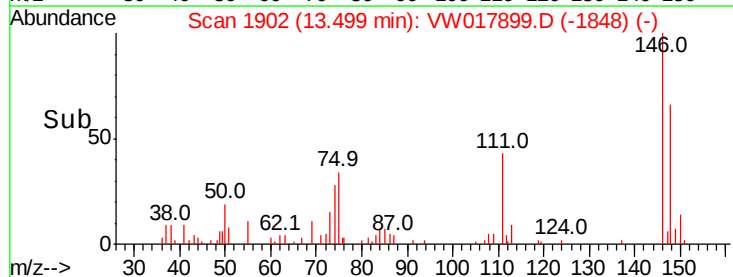
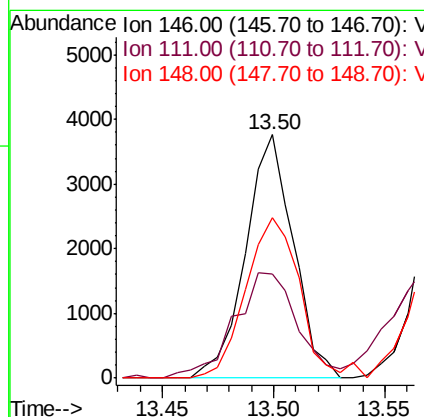
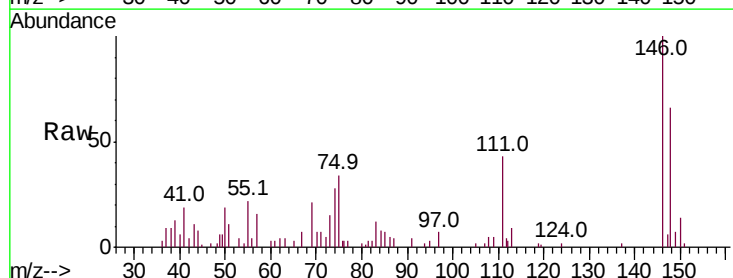
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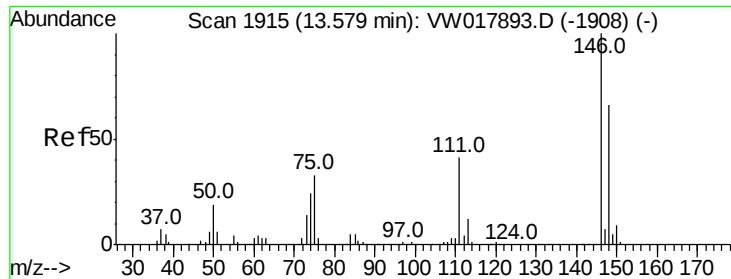
Tot Ion: 84 Resp: 10556
Ion Ratio Lower Upper
84 100
49 148.4 81.2 150.8
86 78.3 44.5 82.7



#63
1,3-Dichlorobenzene
Concen: 0.998 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW017899.D
Acq: 15 Jan 2021 15:48

Tgt Ion: 146 Resp: 5611
Ion Ratio Lower Upper
146 100
111 42.9 28.5 52.9
148 66.1 47.8 88.8





#64
 1,4-Dichlorobenzene
 Concen: 0.950 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017899.D
 Acq: 15 Jan 2021 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C07

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.0	27.7	51.5#
148	77.0	47.0	87.2

