

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015906.D
 Acq On : 22 Jul 2020 15:58
 Operator : SY/VA
 Sample : L3388-12
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD8

Quant Time: Jul 23 03:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90453	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
7) Chloroethane-d5	2.90	69	69156	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
10) 1,1-Dichloroethene-d2	4.01	63	131091	14.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.68%
20) 2-Butanone-d5	7.09	46	55244	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	7.65	84	151634	16.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.76%
26) 1,2-Dichloroethane-d4	8.31	65	91814	18.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.76%
29) Benzene-d6	8.28	84	306408	19.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.00%
33) 1,2-Dichloropropane-d6	9.28	67	91898	19.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.04%
37) Toluene-d8	10.33	98	262192	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.80%
38) trans-1,3-Dichloropropene-	10.58	79	35780	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.44%
39) 2-Hexanone-d5	10.93	63	36395	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74749	20.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	60474	16.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.56%#

Target Compounds

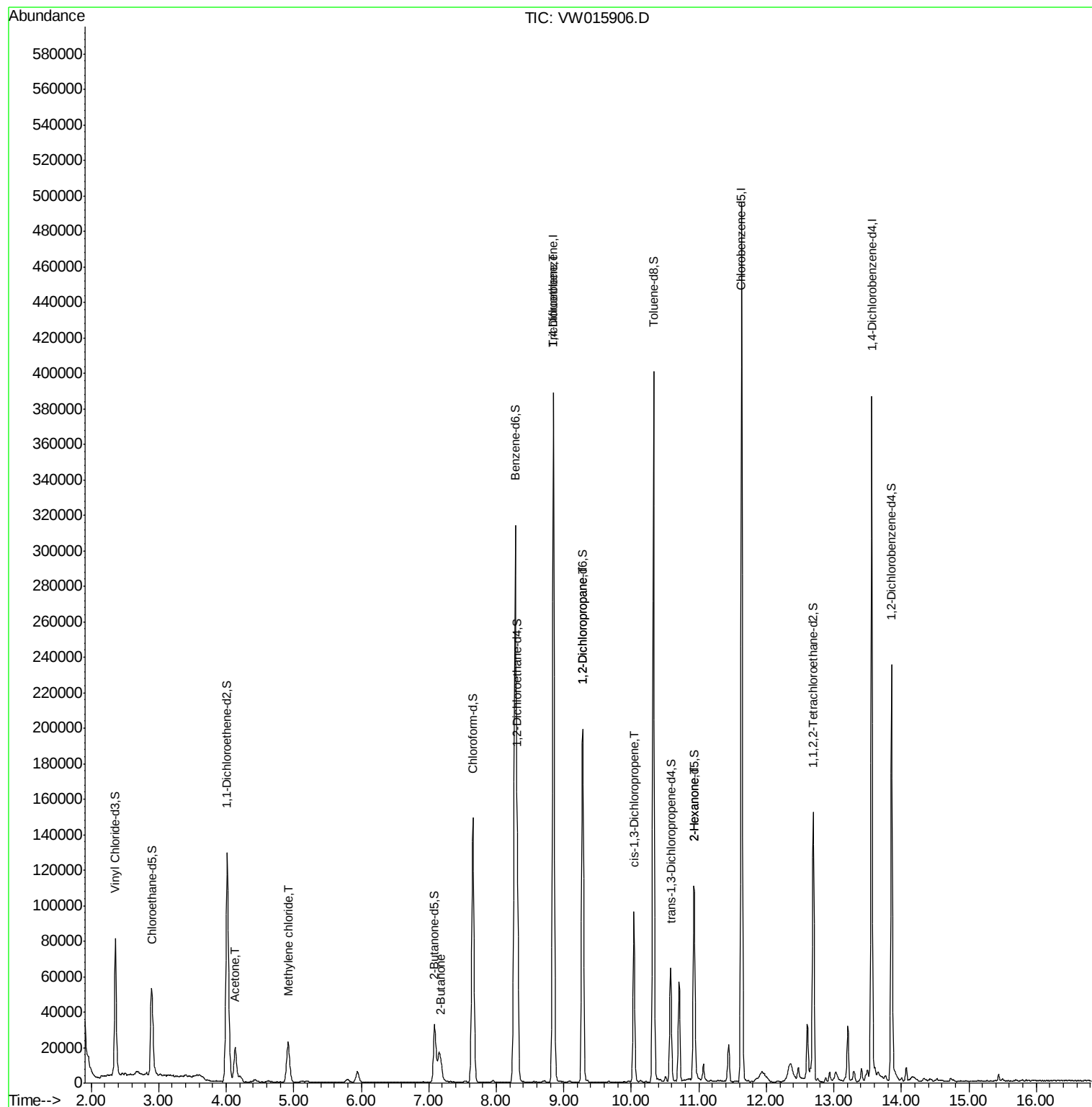
					Ovalue
13) Acetone	4.14	43	34640	34.924	ug/L 98
16) Methylene chloride	4.92	84	17324	3.318	ug/L 94
21) 2-Butanone	7.18	43	13663	11.140	ug/L # 70
35) Trichloroethene	8.85	95	9738	2.288	ug/L # 6
40) 1,2-Dichloropropane	9.28	63	10565	2.651	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	2542	0.419	ug/L # 62
49) 2-Hexanone	10.93	43	6440	3.901	ug/L # 64

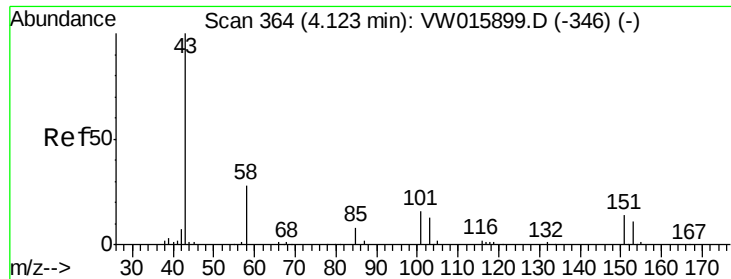
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 34.924 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015906.D

Acq: 22 Jul 2020 15:58

Instrument :

MSVOA_W

ClientSampled :

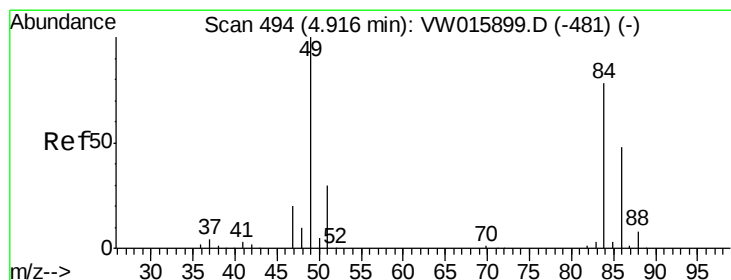
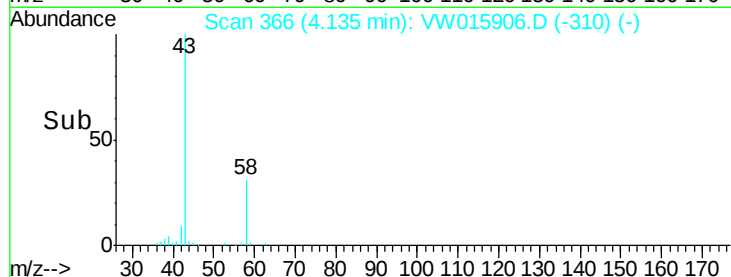
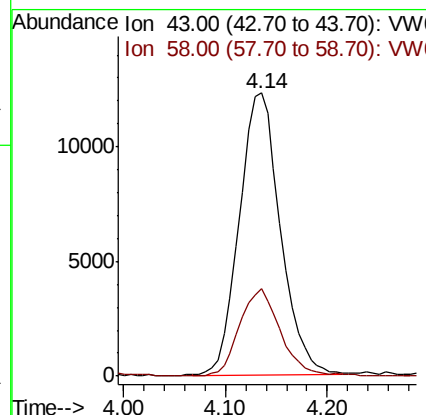
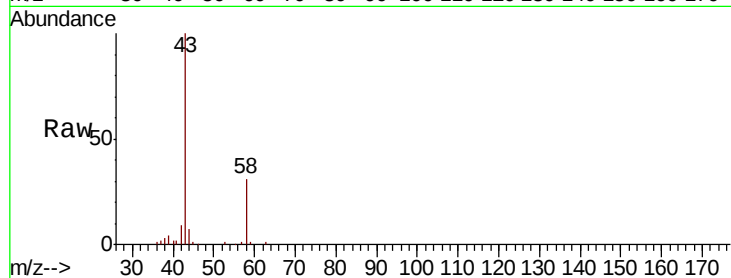
C0AD8

Tot Ion: 43 Resp: 34640

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2



#16

Methylene chloride

Concen: 3.318 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015906.D

Acq: 22 Jul 2020 15:58

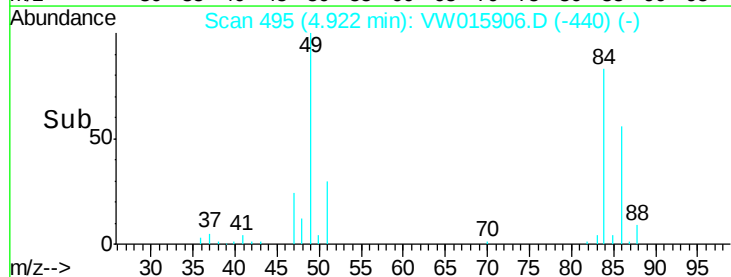
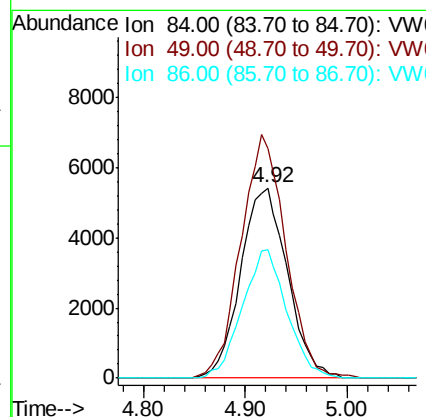
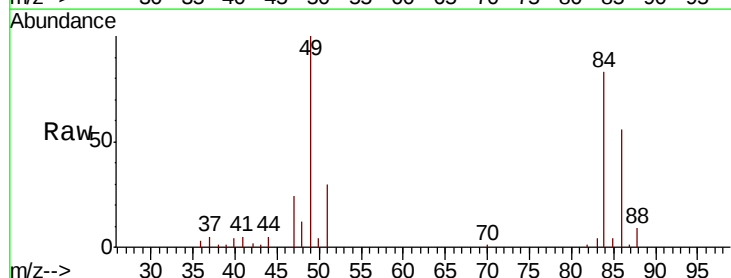
Tgt Ion: 84 Resp: 17324

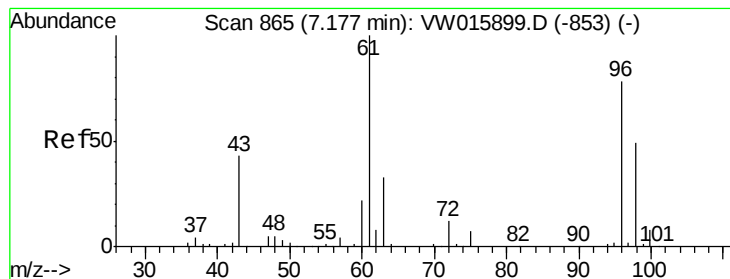
Ion Ratio Lower Upper

84 100

49 121.0 91.1 169.1

86 67.3 46.0 85.4





#21

2-Butanone

Concen: 11.140 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015906.D

Acq: 22 Jul 2020 15:58

Instrument :

MSVOA_W

ClientSampled :

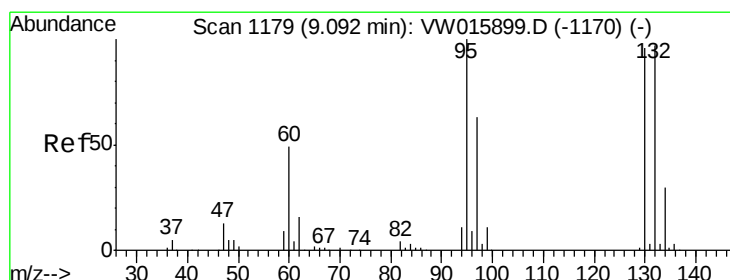
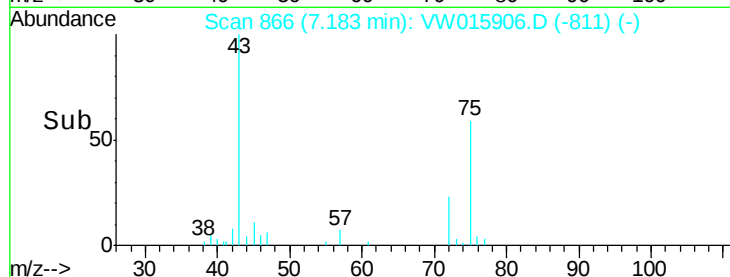
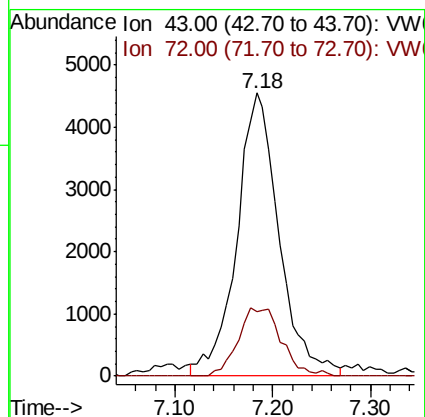
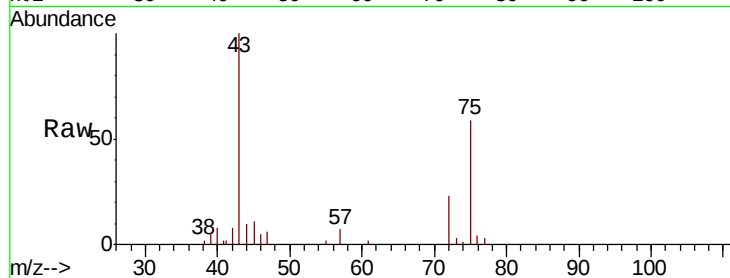
C0AD8

Tot Ion: 43 Resp: 13663

Ion Ratio Lower Upper

43 100

72 11.9 13.9 41.7#



#35

Trichloroethene

Concen: 2.288 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015906.D

Acq: 22 Jul 2020 15:58

Tgt Ion: 95 Resp: 9738

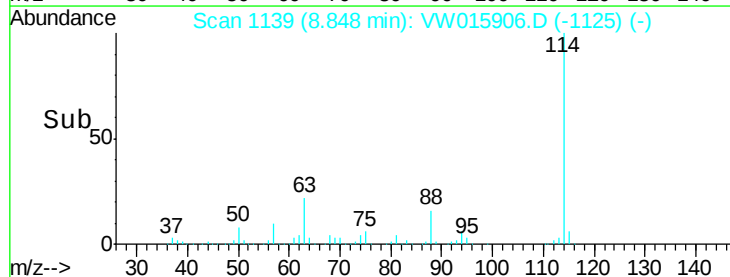
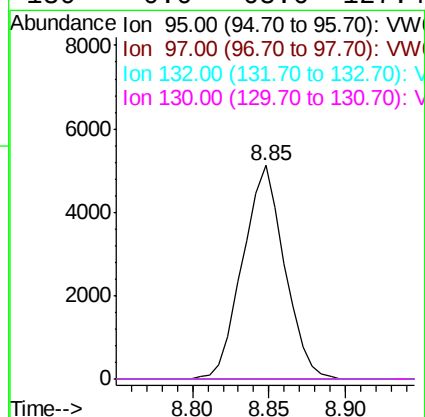
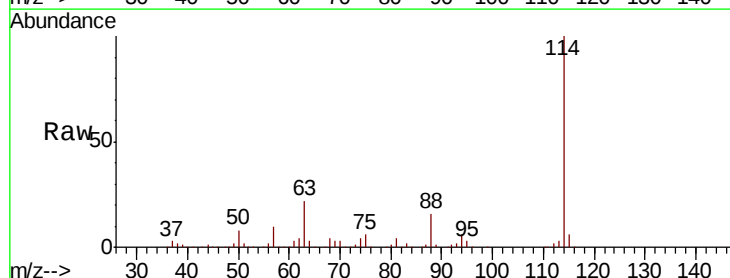
Ion Ratio Lower Upper

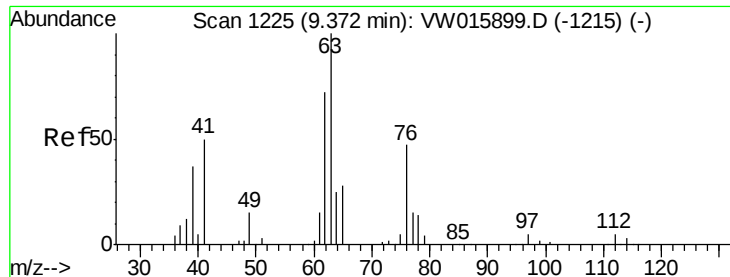
95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

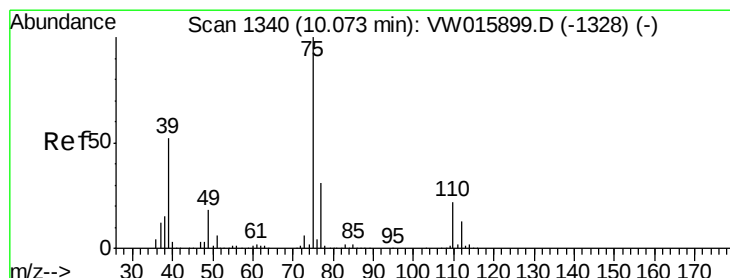
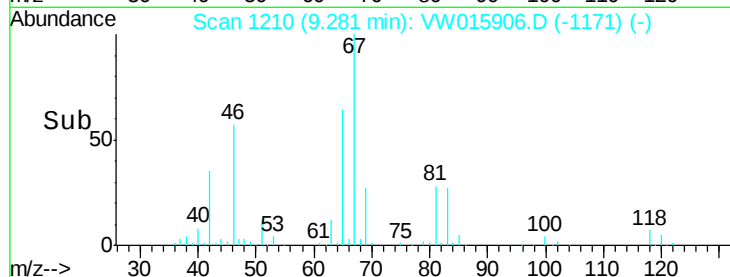
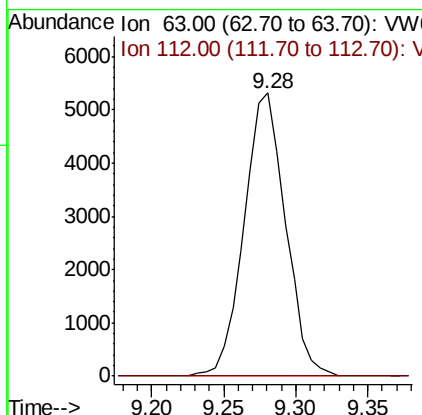
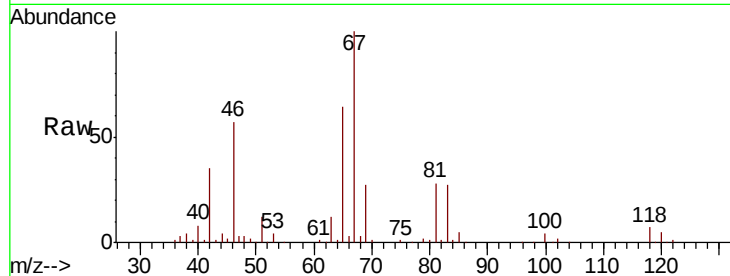




#40
 1,2-Dichloropropane
 Concen: 2.651 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015906.D
 Acq: 22 Jul 2020 15:58

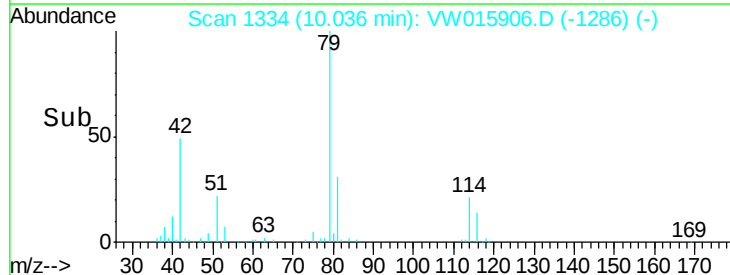
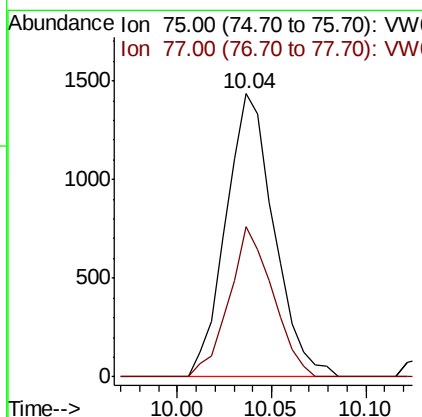
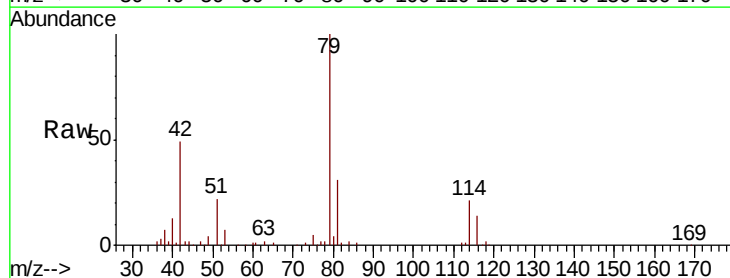
Instrument :
 MSVOA_W
 ClientSampled :
 C0AD8

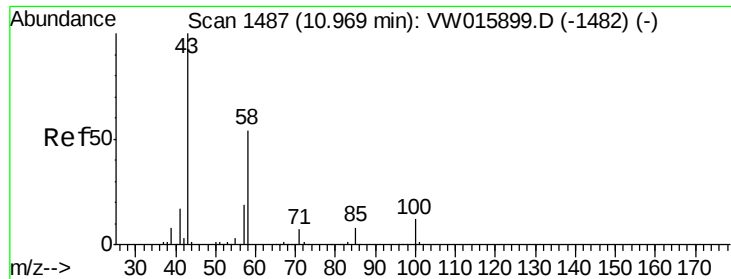
Tot Ion: 63 Resp: 10565
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.419 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015906.D
 Acq: 22 Jul 2020 15:58

Tgt Ion: 75 Resp: 2542
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.2 41.2#





#49

2-Hexanone

Concen: 3.901 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015906.D

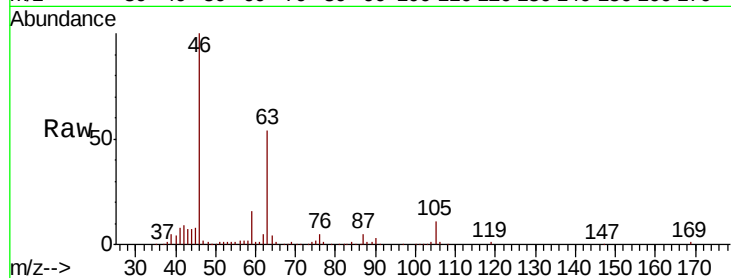
Acq: 22 Jul 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

C0AD8



Tot Ion: 43 Resp: 6440

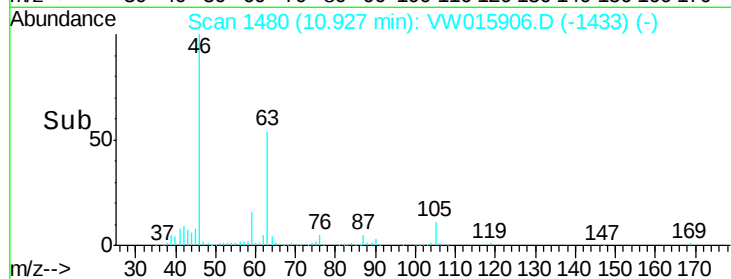
Ion Ratio Lower Upper

43 100

58 19.6 42.4 63.6#

57 25.4 15.6 23.4#

100 2.1 9.8 14.6#



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

