

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017573.D
 Acq On : 07 Dec 2020 12:45
 Operator : SY/VA
 Sample : L4941-09RE
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B21

Quant Time: Dec 08 06:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 06:44:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	382232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337497	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92466	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.90	69	82109	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
10) 1,1-Dichloroethene-d2	4.03	63	162928	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.09	46	52569	47.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.34%
24) Chloroform-d	7.65	84	239889	21.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	8.31	65	127200	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	8.28	84	448193	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.28	67	135803	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.33	98	402061	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.96%
38) trans-1,3-Dichloropropene-	10.58	79	52158	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	31894	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99678	23.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	126924	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

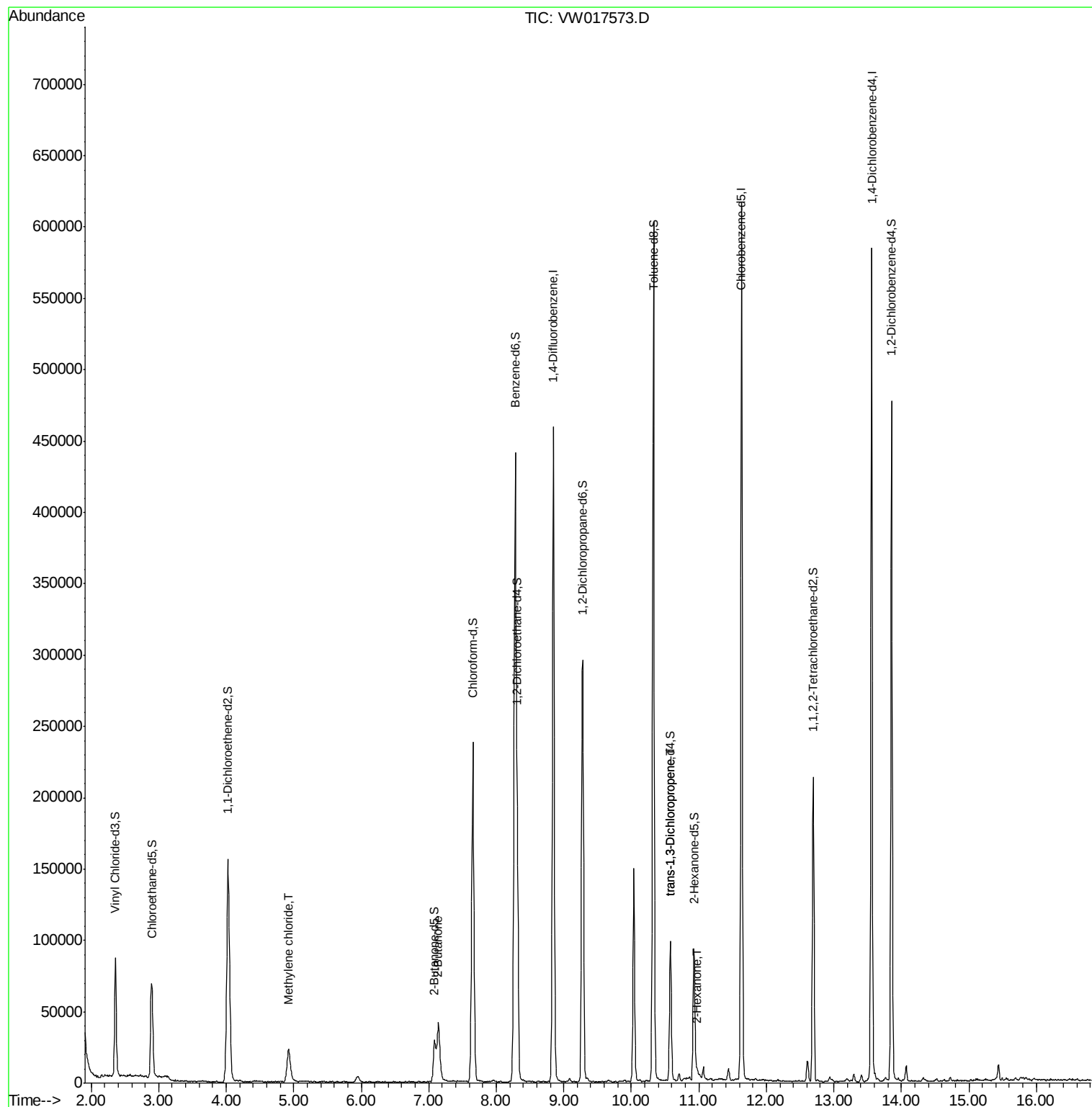
					Ovalue
16) Methylene chloride	4.93	84	19124	3.318 ug/L	93
21) 2-Butanone	7.14	43	870	0.684 ug/L	80
45) trans-1,3-Dichloropropene	10.59	75	2753	0.427 ug/L	99
49) 2-Hexanone	10.98	43	1347	0.820 ug/L #	71

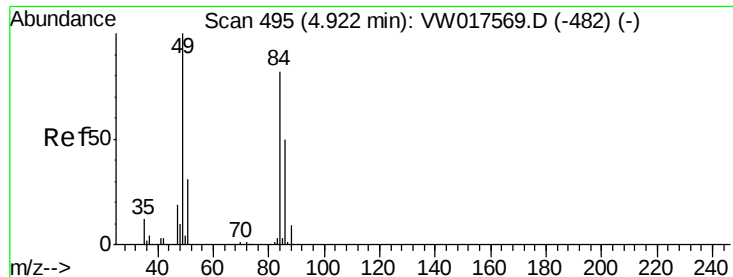
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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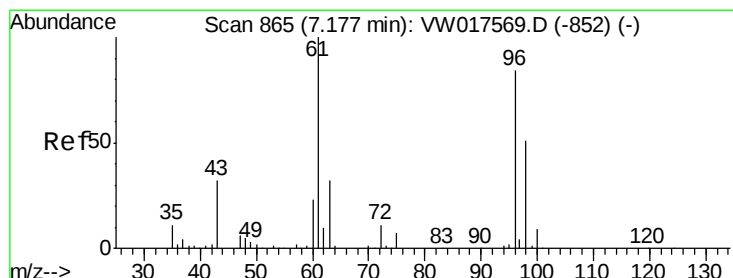
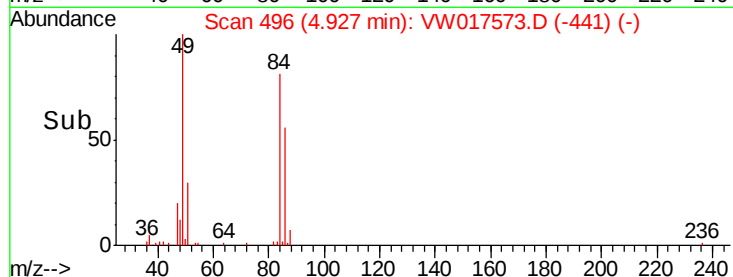
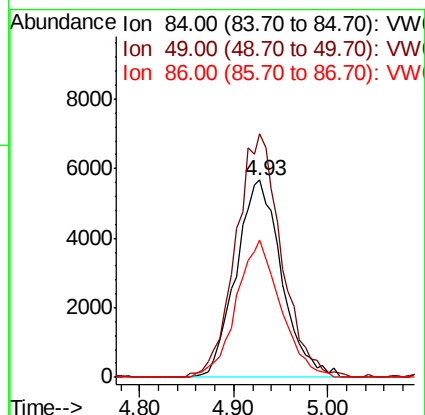
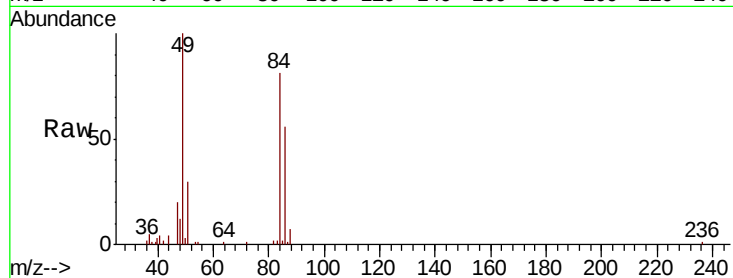




#16
Methvlene chloride
Concen: 3.318 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017573.D
Acq: 07 Dec 2020 12:45

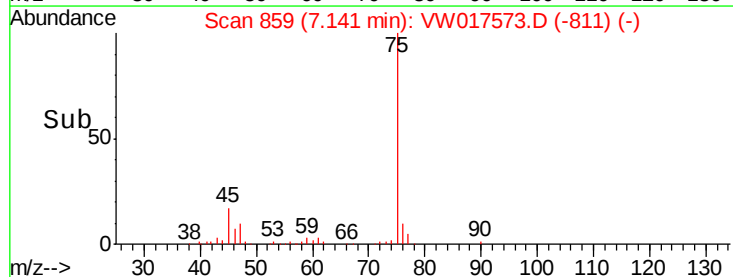
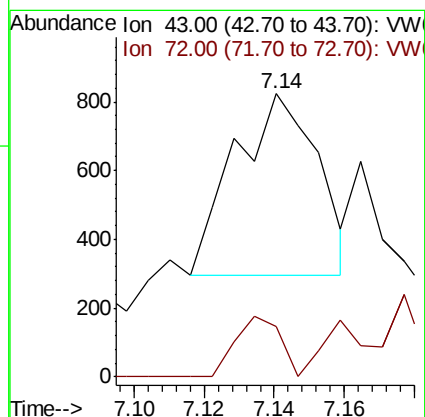
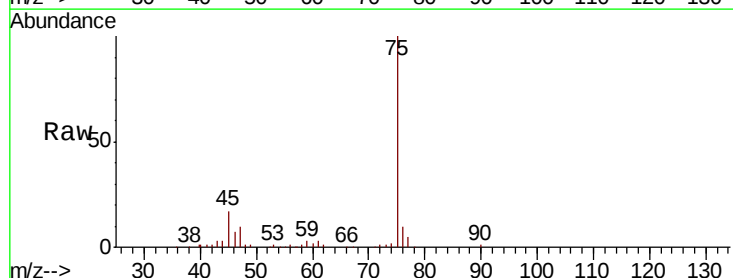
Instrument :
MSVOA_W
ClientSampleId :
C0B21

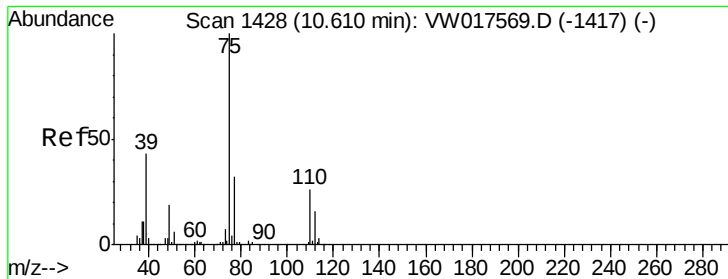
Tot Ion: 84 Resp: 19124
Ion Ratio Lower Upper
84 100
49 123.3 81.2 150.8
86 69.3 44.5 82.7



#21
2-Butanone
Concen: 0.684 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW017573.D
Acq: 07 Dec 2020 12:45

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
72 17.9 14.4 43.2





#45

trans-1,3-Dichloropropene

Concen: 0.427 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017573.D

Acq: 07 Dec 2020 12:45

Instrument :

MSVOA_W

ClientSampleId :

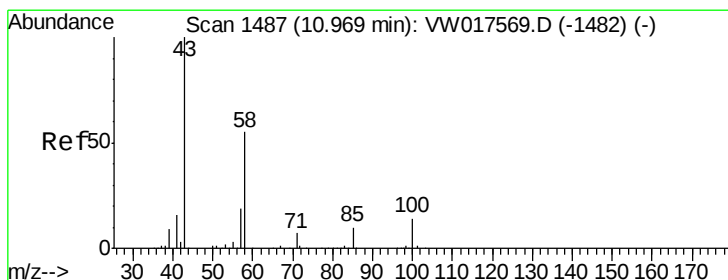
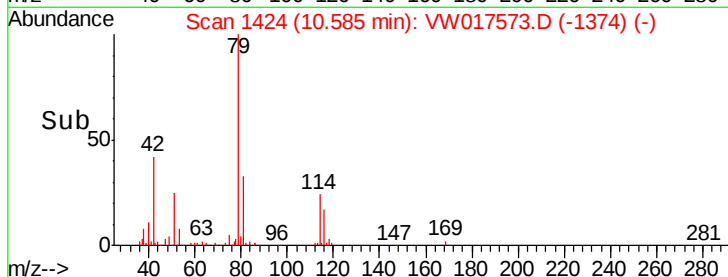
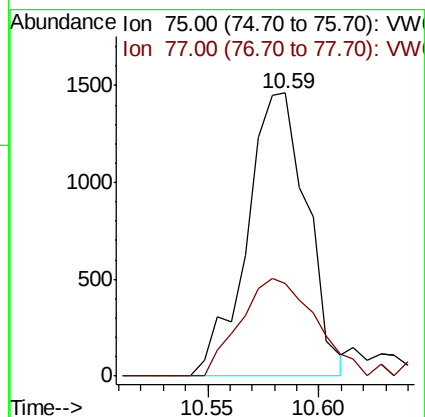
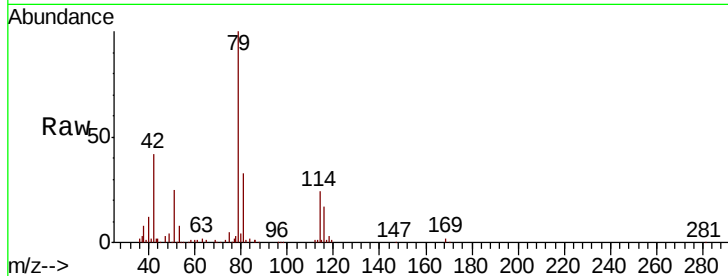
C0B21

Tot Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#49

2-Hexanone

Concen: 0.820 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017573.D

Acq: 07 Dec 2020 12:45

Tgt Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

58 37.8 51.3 76.9#

57 7.2 15.0 22.6#

100 8.3 12.2 18.2#

