

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016727.D
 Acq On : 01 Oct 2020 10:41
 Operator : SY/VA
 Sample : L4184-20
 Misc : 4.98G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:34:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	592998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	471071	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	111971	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.91	69	108694	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	186723	14.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.20%
20) 2-Butanone-d5	7.08	46	73660	47.07	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
24) Chloroform-d	7.66	84	307404	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	8.31	65	164101	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.28	84	586257	27.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.00%
33) 1,2-Dichloropropane-d6	9.28	67	170823	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.36%
37) Toluene-d8	10.33	98	518884	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	68183	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	55168	52.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128984	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	144228	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds

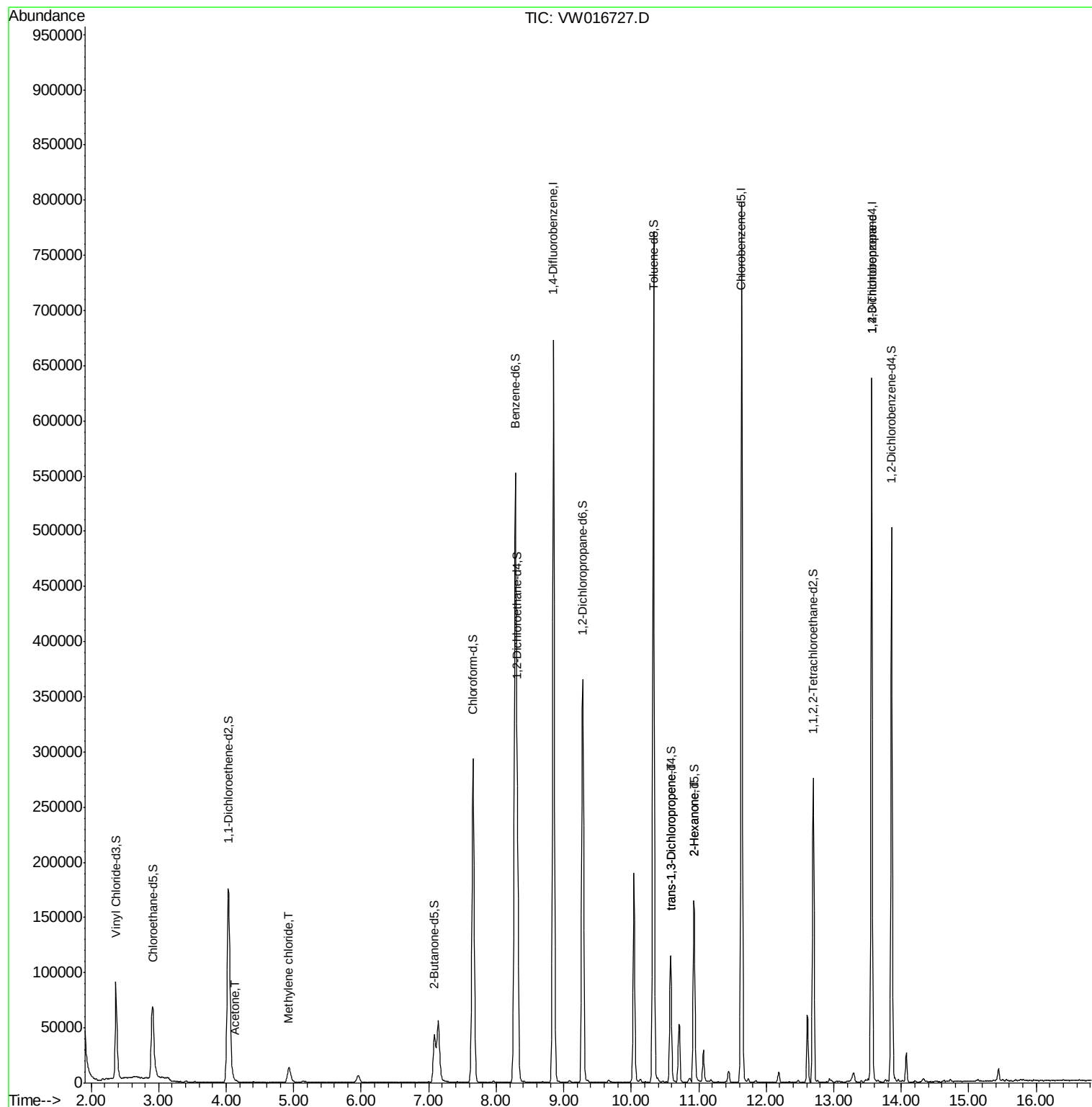
					Ovalue
13) Acetone	4.14	43	1867	1.523 ug/L	75
16) Methylene chloride	4.92	84	6932	0.758 ug/L	89
45) trans-1,3-Dichloropropene	10.59	75	3208	0.368 ug/L #	70
49) 2-Hexanone	10.93	43	7783	3.287 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	17980	4.363 ug/L	90

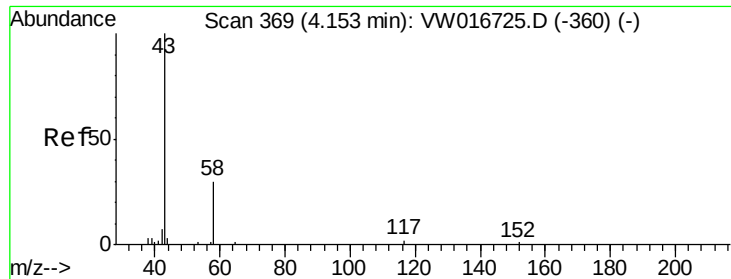
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 21:33:07 2020
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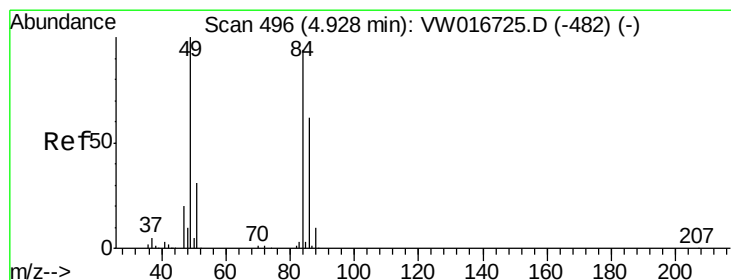
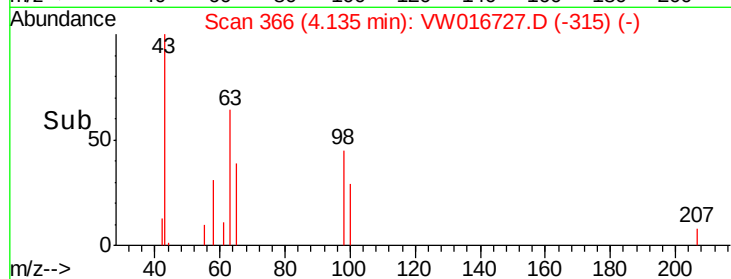
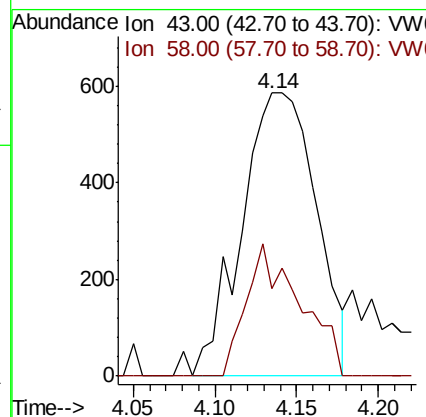
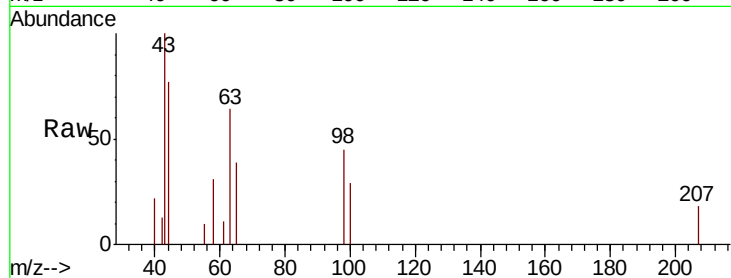




#13
Acetone
Concen: 1.523 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW016727.D
Acq: 01 Oct 2020 10:41

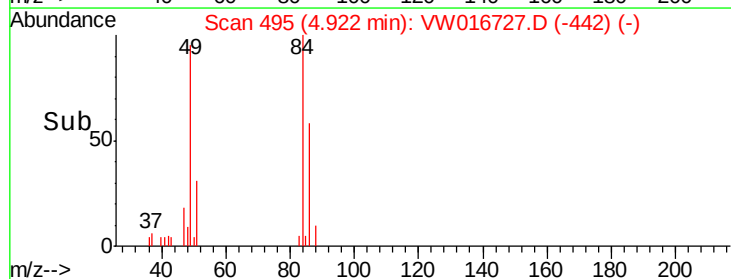
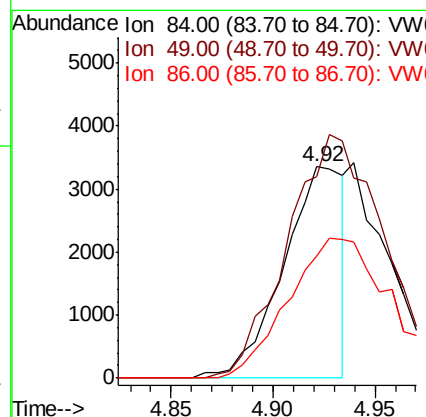
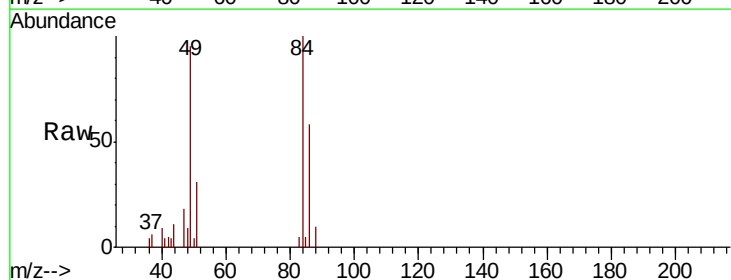
Instrument :
MSVOA_W
ClientSampleId :

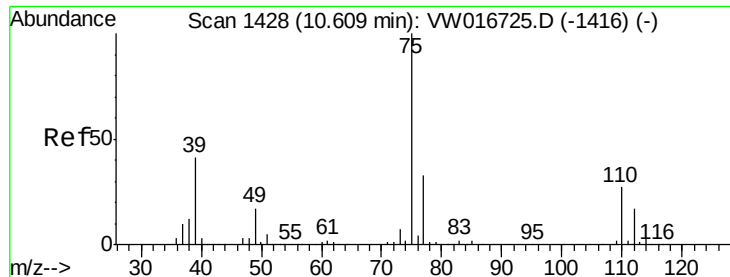
Tot Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
58 16.6 0.0 60.2



#16
Methylene chloride
Concen: 0.758 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW016727.D
Acq: 01 Oct 2020 10:41

Tgt Ion: 84 Resp: 6932
Ion Ratio Lower Upper
84 100
49 95.2 76.0 141.2
86 57.8 45.6 84.6





#45

trans-1,3-Dichloropropene

Concen: 0.368 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016727.D

Acq: 01 Oct 2020 10:41

Instrument :

MSVOA_W

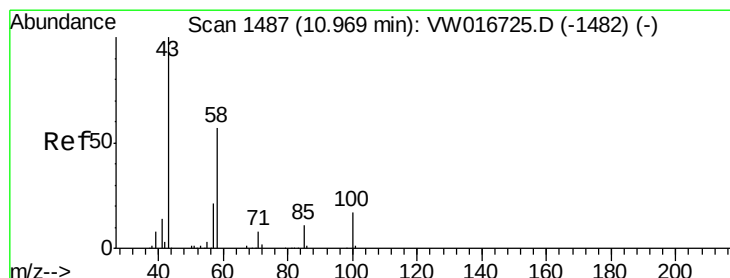
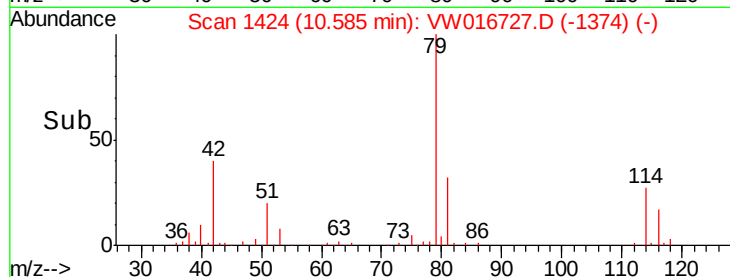
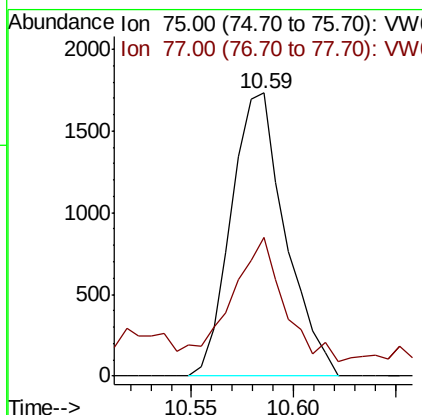
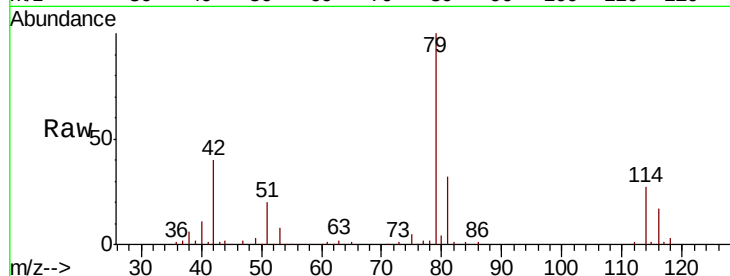
ClientSampleId :

Tot Ion: 75 Resp: 3208

Ion Ratio Lower Upper

75 100

77 49.1 22.5 41.9#



#49

2-Hexanone

Concen: 3.287 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016727.D

Acq: 01 Oct 2020 10:41

Tgt Ion: 43 Resp: 7783

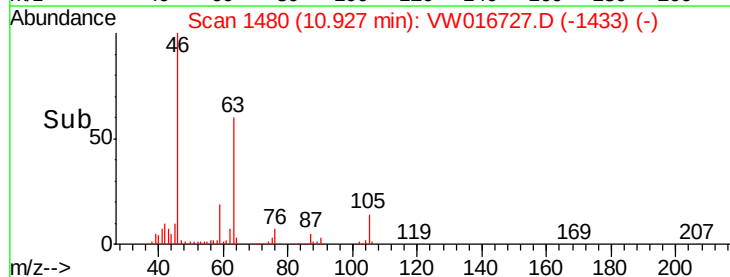
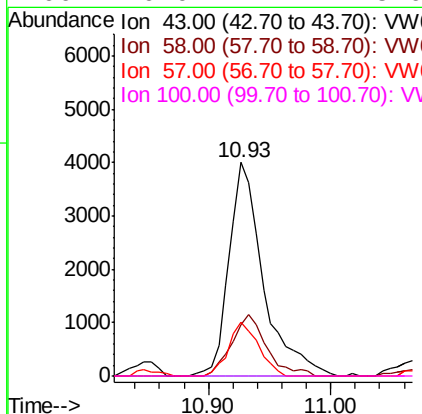
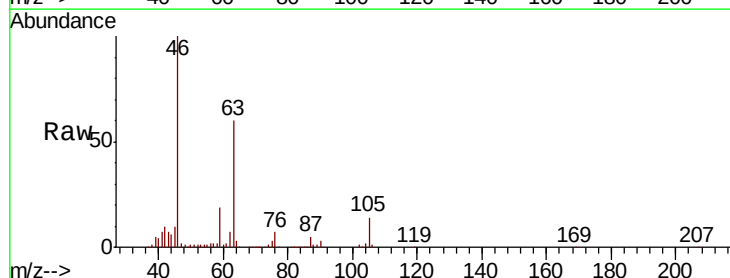
Ion Ratio Lower Upper

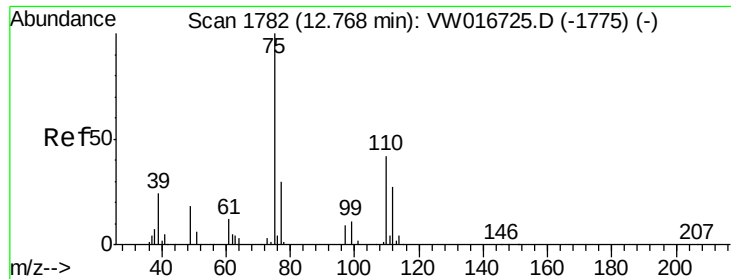
43 100

58 28.2 44.2 66.2#

57 21.9 16.3 24.5

100 0.0 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 4.363 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016727.D

Acq: 01 Oct 2020 10:41

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17980

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.4

