

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019740.D
 Acq On : 19 Dec 2020 16:13
 Operator : SY/MD
 Sample : L5101-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW9

Quant Time: Dec 21 03:40:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	703802	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	659313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	299551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	209000	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.57	69	182761	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.11	63	316202	33.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.52%
21) 2-Butanone-d5	3.89	46	358453	130.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.67%#
24) Chloroform-d	4.35	84	427573	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.04	65	303325	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.05	84	842663	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.07	67	275027	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.32	98	729355	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.62	79	122526	39.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.22%
47) 2-Hexanone-d5	8.09	63	215893	99.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	341976	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	274231	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds

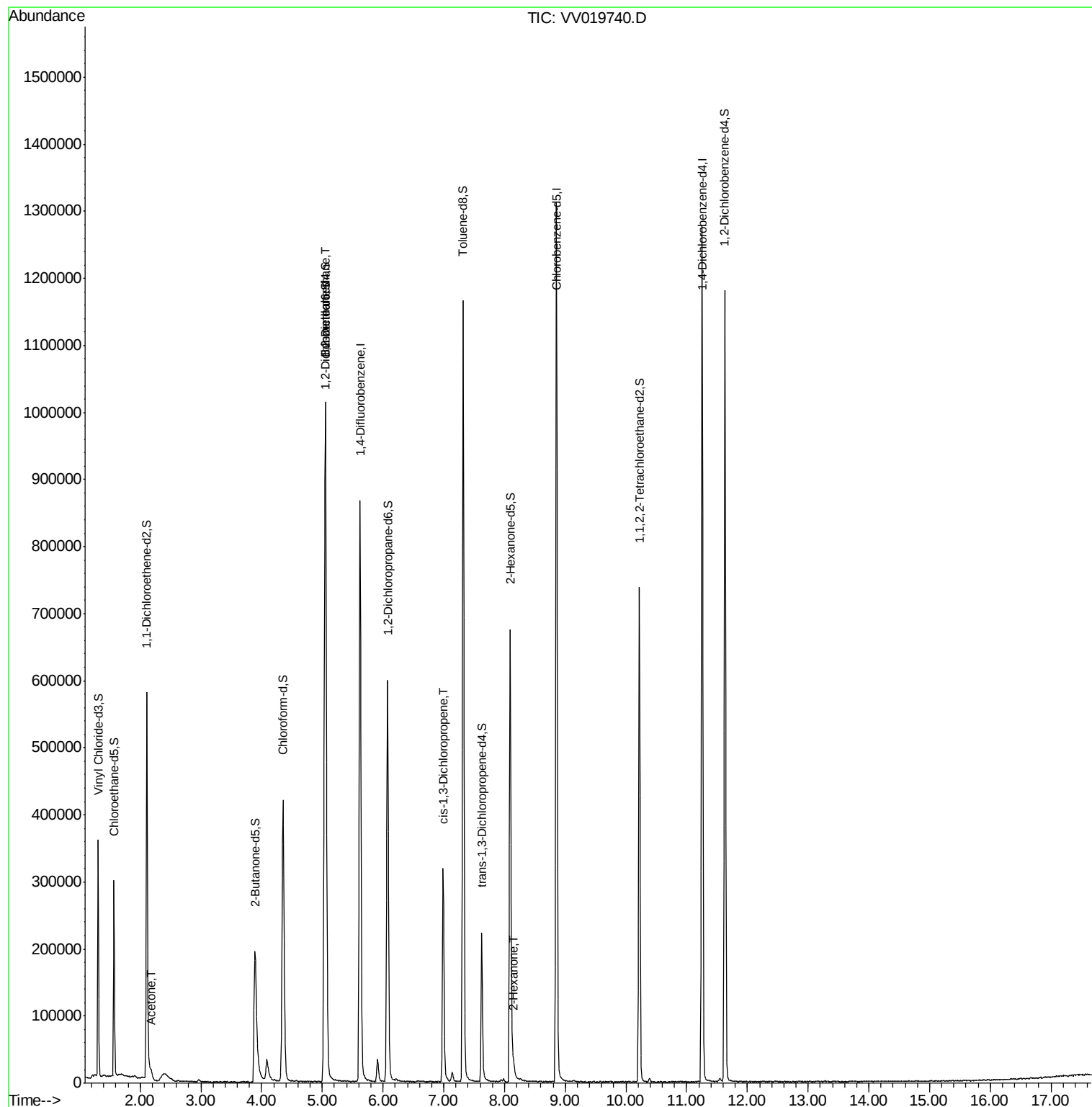
					Ovalue
13) Acetone	2.18	43	16838	7.205	ug/L 99
27) 1,2-Dichloroethane	5.05	62	5147	0.698	ug/L 98
39) cis-1,3-Dichloropropene	6.99	75	8324	0.996	ug/L # 57
48) 2-Hexanone	8.15	43	10946	1.987	ug/L # 79

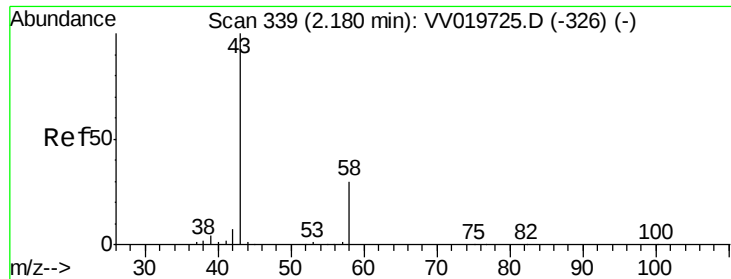
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.205 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV019740.D

Acq: 19 Dec 2020 16:13

Instrument :

MSVOA_V

ClientSampleId :

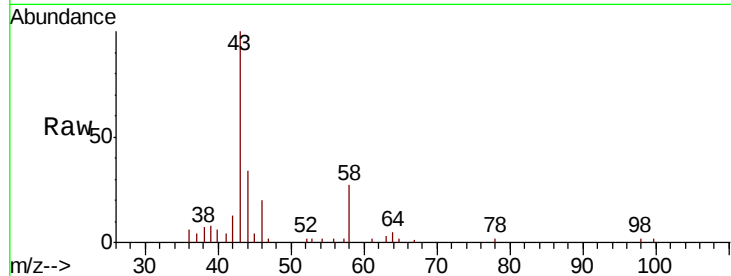
C0FW9

Tot Ion: 43 Resp: 16838

Ion Ratio Lower Upper

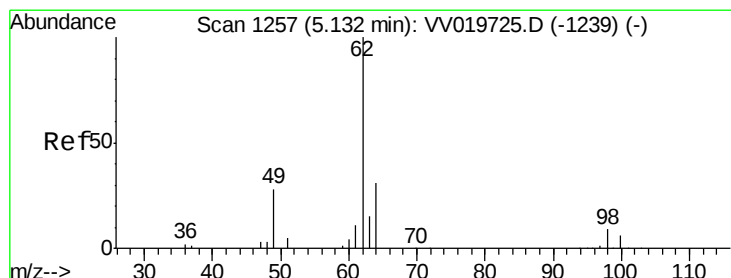
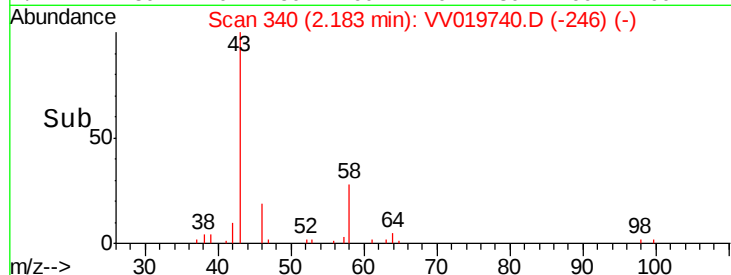
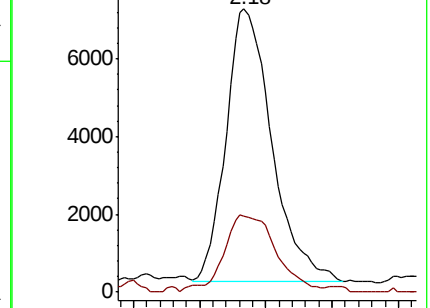
43 100

58 31.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019725.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV019725.D (-326) (-)



#27

1,2-Dichloroethane

Concen: 0.698 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019740.D

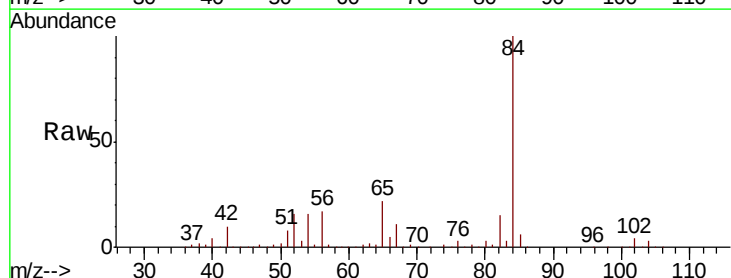
Acq: 19 Dec 2020 16:13

Tgt Ion: 62 Resp: 5147

Ion Ratio Lower Upper

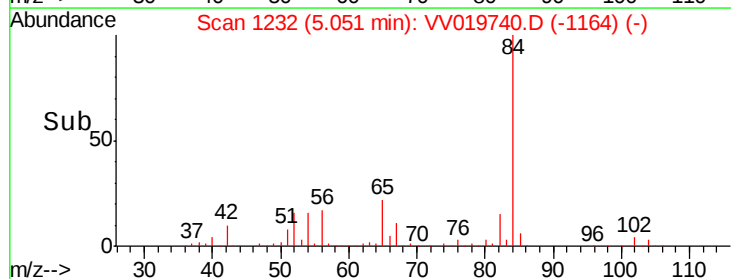
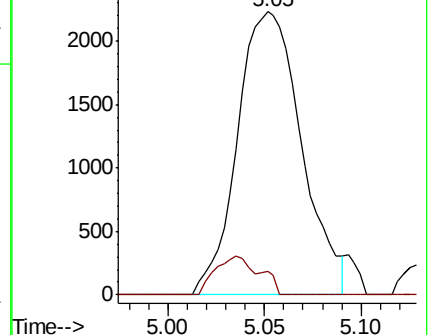
62 100

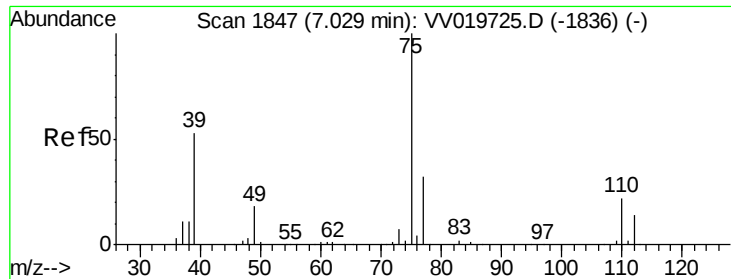
98 8.4 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019725.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019725.D (-1239) (-)

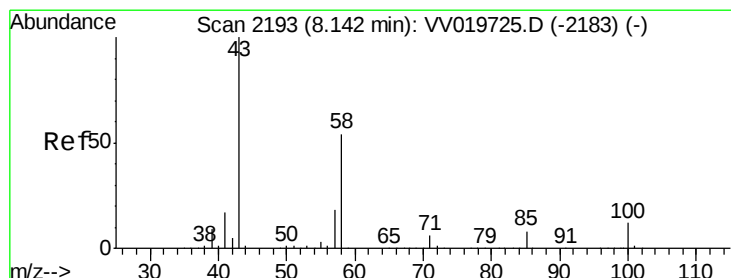
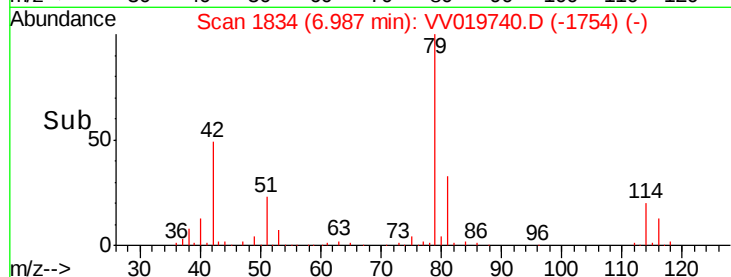
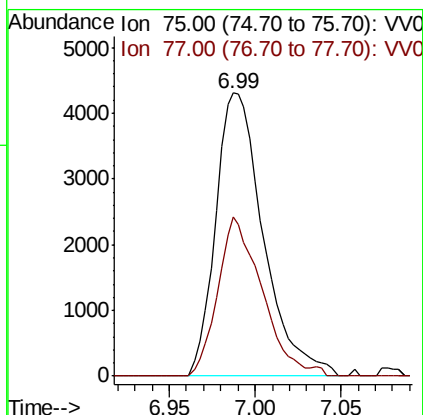
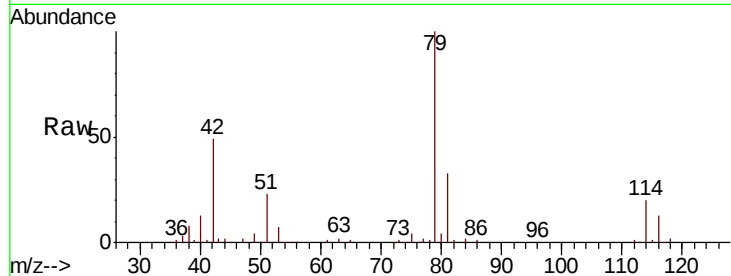




#39
 cis-1,3-Dichloropropene
 Concen: 0.996 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019740.D
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Tot Ion: 75 Resp: 8324
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.987 ug/L
 RT: 8.15 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VV019740.D
 Acq: 19 Dec 2020 16:13

Tgt Ion: 43 Resp: 10946
 Ion Ratio Lower Upper
 43 100
 58 40.3 44.4 66.6#
 57 10.4 15.7 23.5#
 100 3.4 9.9 14.9#

