

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014149.D
 Acq On : 20 Dec 2019 12:33
 Operator : SY/MD
 Sample : VIBLK20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK20

Quant Time: Dec 21 02:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 21 02:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	378767	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119294	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	105289	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	153511	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.92	46	229196	47.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.39	84	219986	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.07	65	106353	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	421218	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.11	67	130098	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.35	98	332505	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.66	79	44792	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.13	63	151451	36.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.26%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	92639	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	133215	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

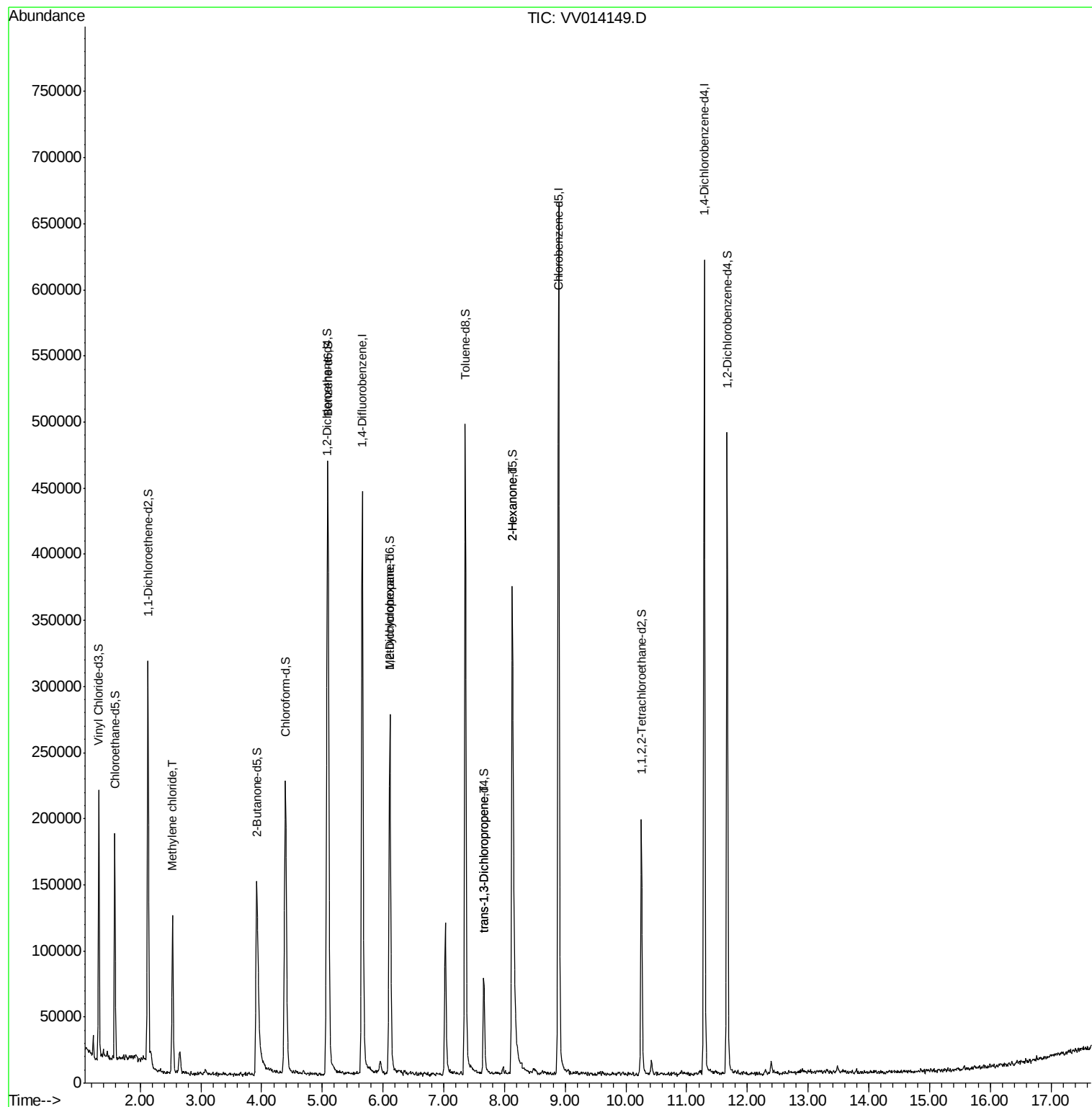
					Ovalue
16) Methylene chloride	2.53	84	47619	1.909 ug/L	96
35) Methylcyclohexane	6.11	83	30980	0.916 ug/L #	20
44) trans-1,3-Dichloropropene	7.66	75	2146	0.082 ug/L #	71
48) 2-Hexanone	8.13	43	22738	2.312 ug/L #	72

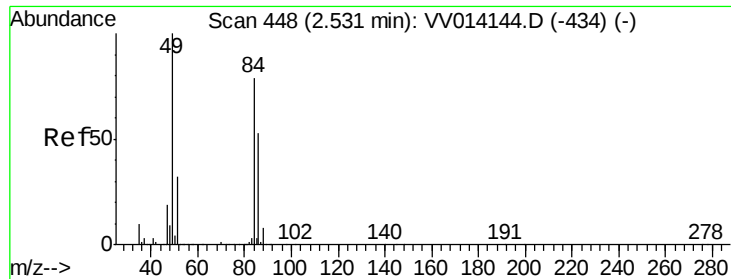
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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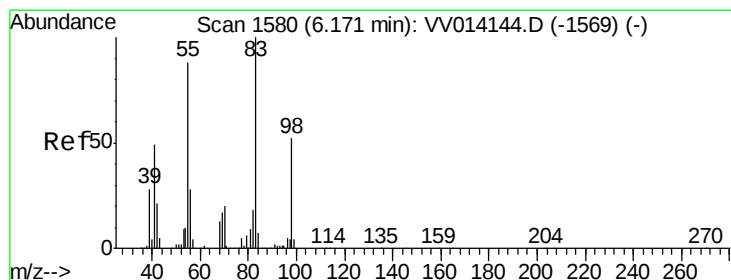
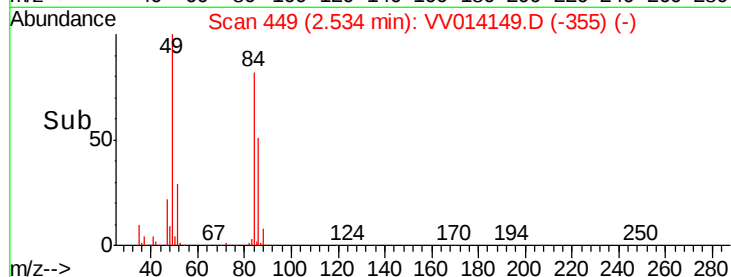
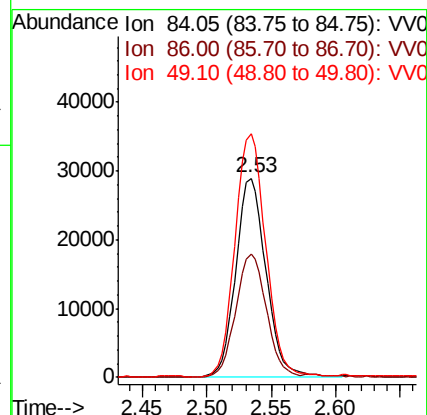
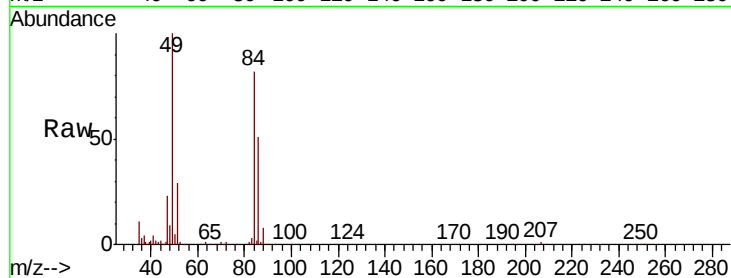




#16
Methvlene chloride
Concen: 1.909 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014149.D
Acq: 20 Dec 2019 12:33

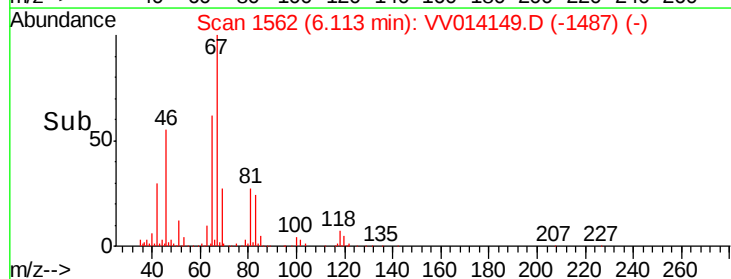
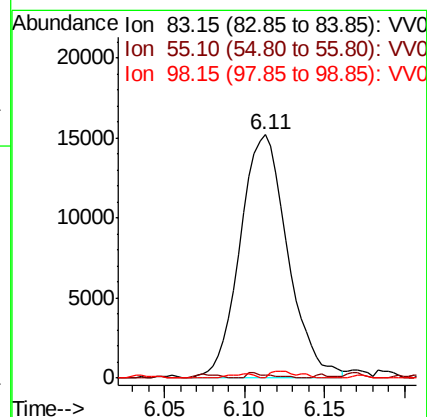
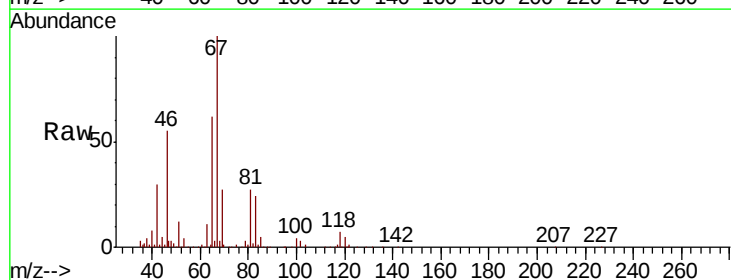
Instrument :
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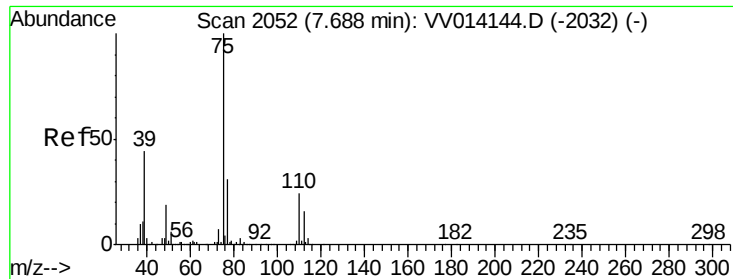
Tot Ion: 84 Resp: 47619
Ion Ratio Lower Upper
84 100
86 61.8 44.0 81.6
49 122.2 81.5 151.5



#35
Methylcyclohexane
Concen: 0.916 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014149.D
Acq: 20 Dec 2019 12:33

Tgt Ion: 83 Resp: 30980
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 1.7 38.1 57.1#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV014149.D

Acq: 20 Dec 2019 12:33

Instrument :

MSVOA_V

ClientSampleId :

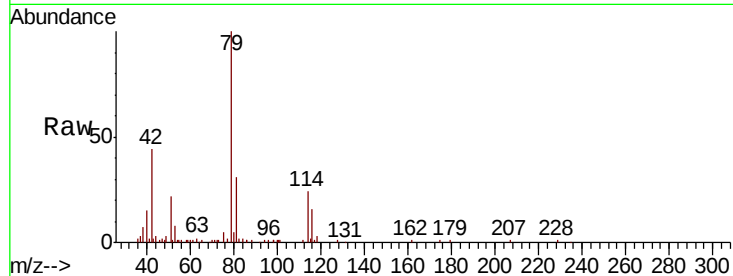
VIBLK20

Tot Ion: 75 Resp: 2146

Ion Ratio Lower Upper

75 100

77 49.4 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

1200

1000

800

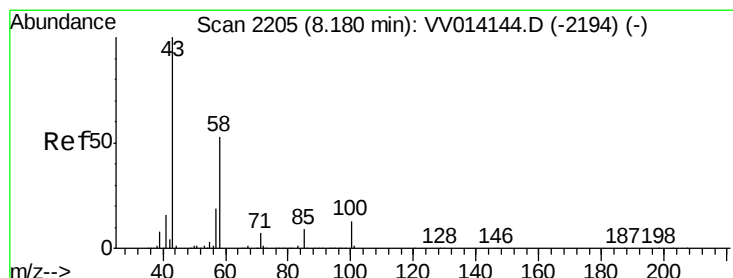
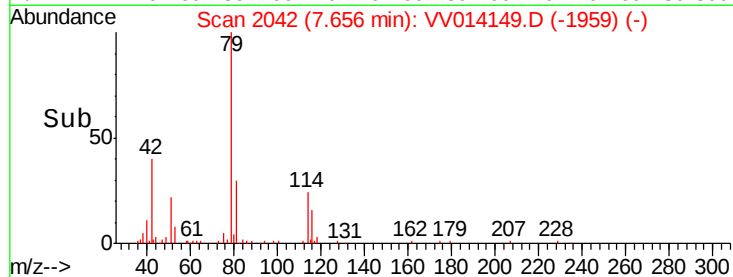
600

400

200

0

Time--> 7.60 7.65 7.70



#48

2-Hexanone

Concen: 2.312 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014149.D

Acq: 20 Dec 2019 12:33

Tgt Ion: 43 Resp: 22738

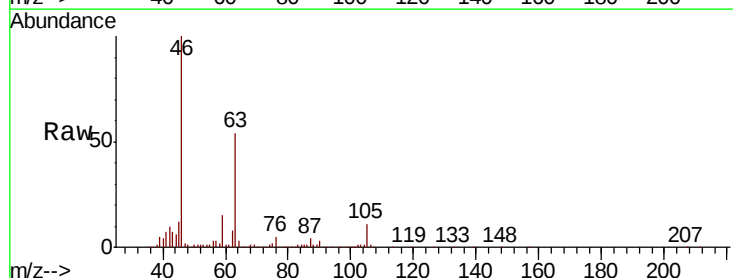
Ion Ratio Lower Upper

43 100

58 35.8 43.2 64.8#

57 39.0 15.4 23.2#

100 5.4 10.4 15.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8.13

12000

10000

8000

6000

4000

2000

0

Time--> 8.05 8.10 8.15 8.20

