

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031350.D
 Acq On : 19 Apr 2019 10:32
 Operator : JC/SP
 Sample : K2410-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 20 05:42:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 20 05:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	103856	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	83854	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.27	63	149847	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	277865	69.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.26%#
24) Chloroform-d	4.64	84	173934	6.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.60%#
26) 1,2-Dichloroethane-d4	5.31	65	72430	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.33	84	241243	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	81304	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.56	98	185936	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.85	79	25611	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.31	63	139462	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65192	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	68784	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

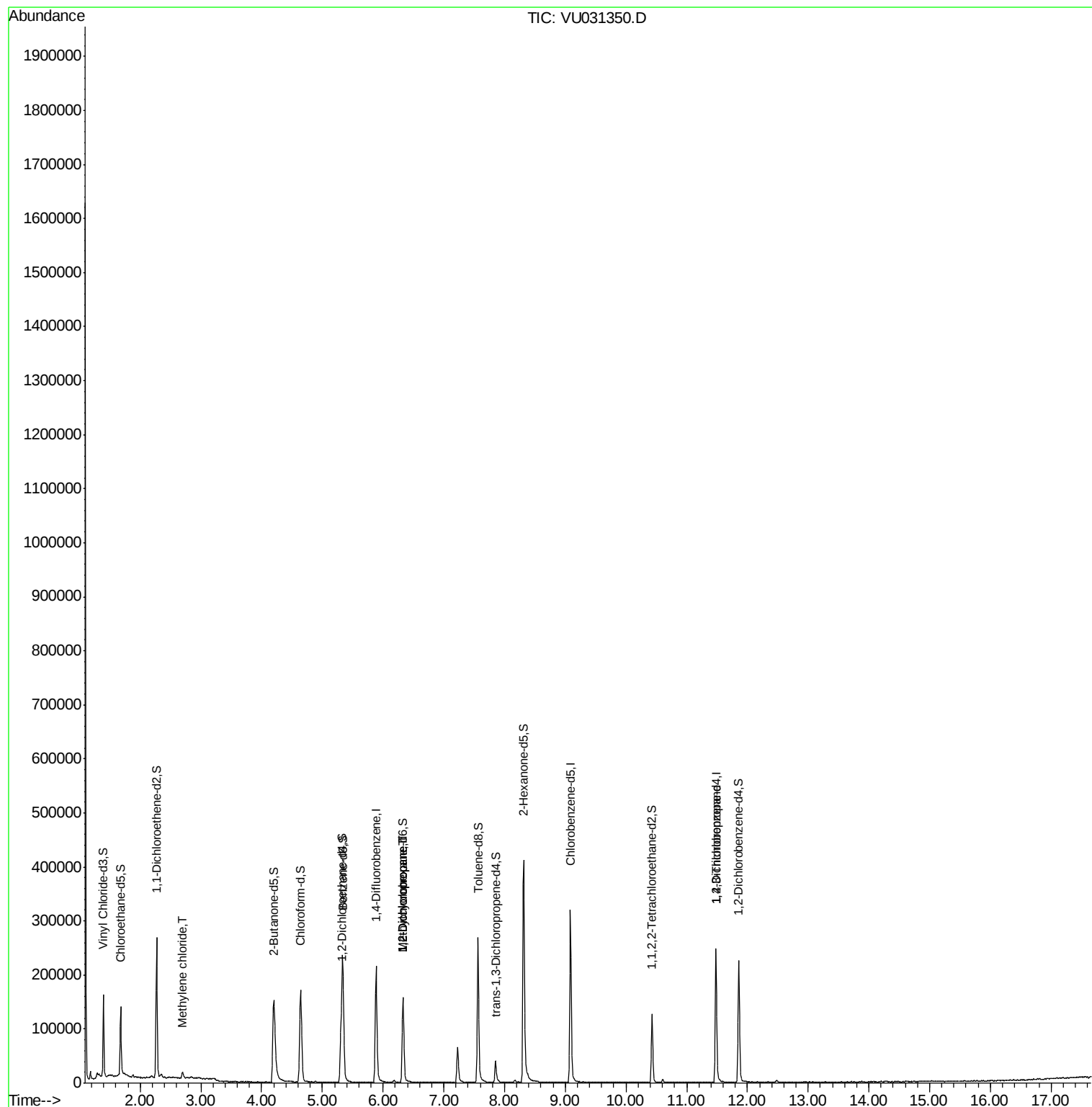
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.69	84	4553	0.189	ug/L	81
35) Methylcyclohexane	6.33	83	18281	0.759	ug/L #	15
37) 1,2-Dichloropropane	6.32	63	8642	0.507	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	7525	0.676	ug/L #	81

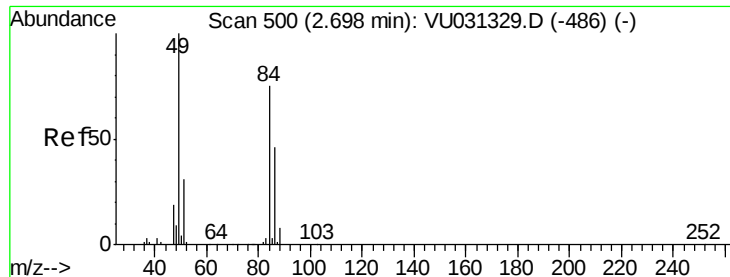
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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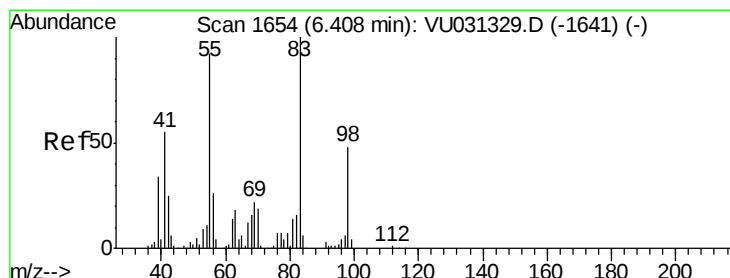
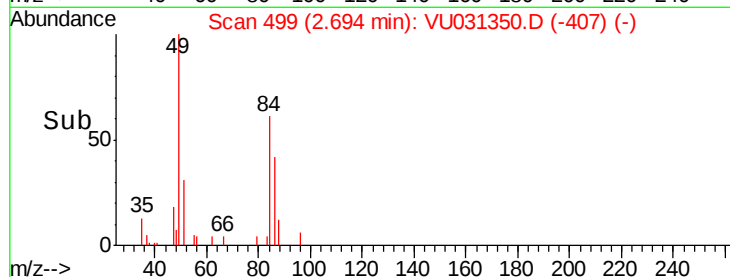
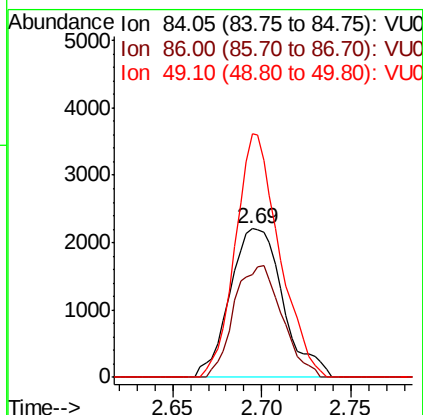
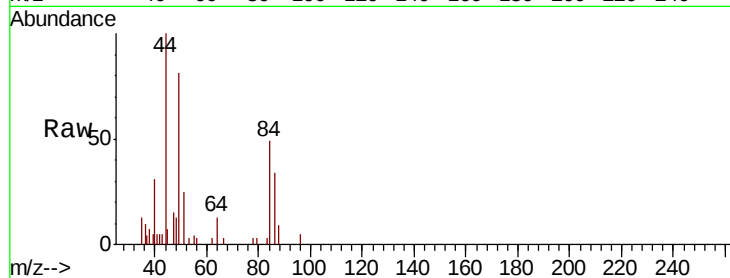




#16
Methylene chloride
Concen: 0.189 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031350.D
Acq: 19 Apr 2019 10:32

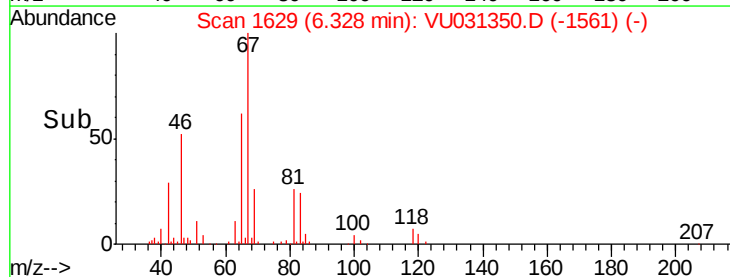
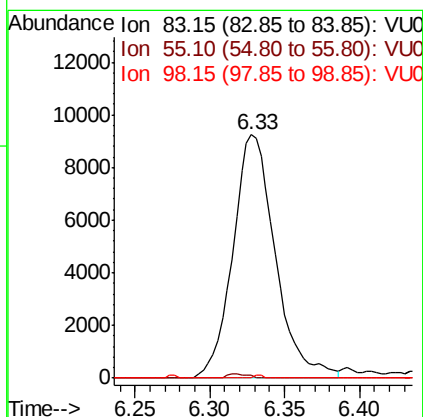
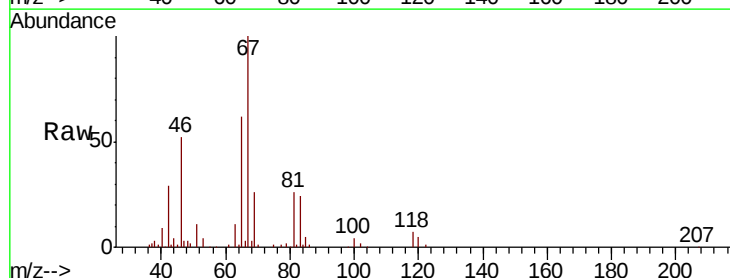
Instrument :
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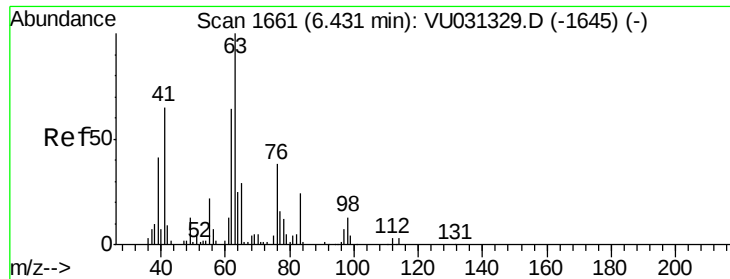
Tgt Ion: 84 Resp: 4553
Ion Ratio Lower Upper
84 100
86 69.3 44.1 81.9
49 163.8 94.6 175.6



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031350.D
Acq: 19 Apr 2019 10:32

Tgt Ion: 83 Resp: 18281
Ion Ratio Lower Upper
83 100
55 0.9 70.6 105.8#
98 0.3 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU031350.D

Acq: 19 Apr 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

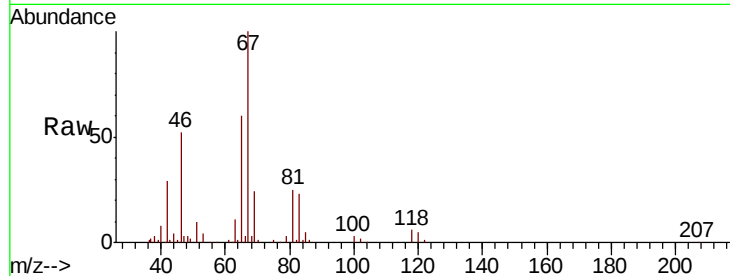
VHBLK02

Tgt Ion: 63 Resp: 8642

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU031329.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU031329.D (-1645) (-)

6.32

4000

3000

2000

1000

0

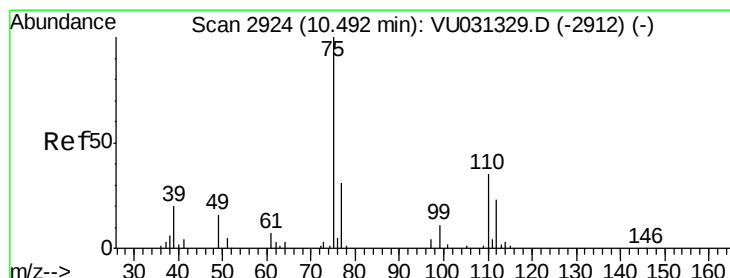
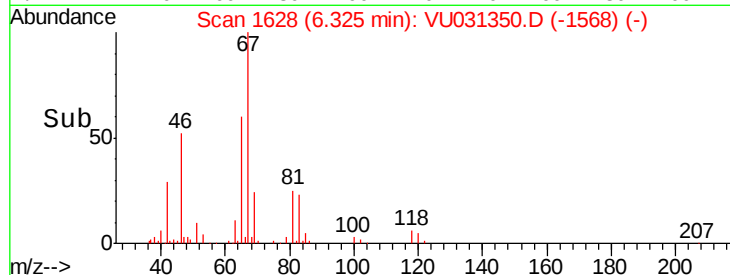
6.25

6.30

6.35

6.40

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.676 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031350.D

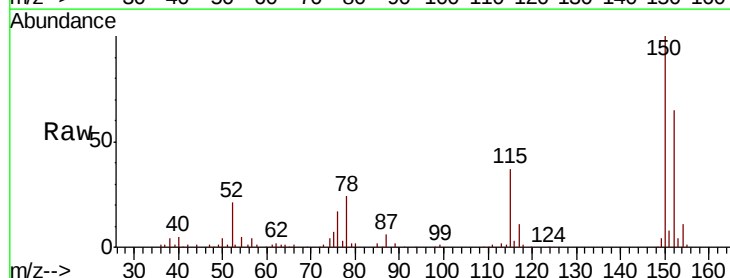
Acq: 19 Apr 2019 10:32

Tgt Ion: 75 Resp: 7525

Ion Ratio Lower Upper

75 100

77 44.6 27.0 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU031329.D (-2912) (-)

Ion 77.00 (76.70 to 77.70): VU031329.D (-2912) (-)

11.48

5000

4000

3000

2000

1000

0

11.45

11.50

11.55

Time-->

