

Data File : VU035578.D
Acq On : 30 Oct 2019 22:06
Operator : JC/SP
Sample : K5559-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 31 00:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	696903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	675463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	212131	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	277310	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.54%
7) Chloroethane-d5	1.93	69	228492	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.59	63	329067	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.18%
21) 2-Butanone-d5	4.69	46	338724	103.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	5.11	84	428916	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.75	65	274559	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.77	84	922158	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
36) 1,2-Dichloropropane-d6	6.74	67	297301	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.14%
41) Toluene-d8	7.93	98	824495	49.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.30%
43) trans-1,3-Dichloropropene-	8.22	79	131354	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.68	63	220535	100.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	394516	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	12.22	152	230163	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

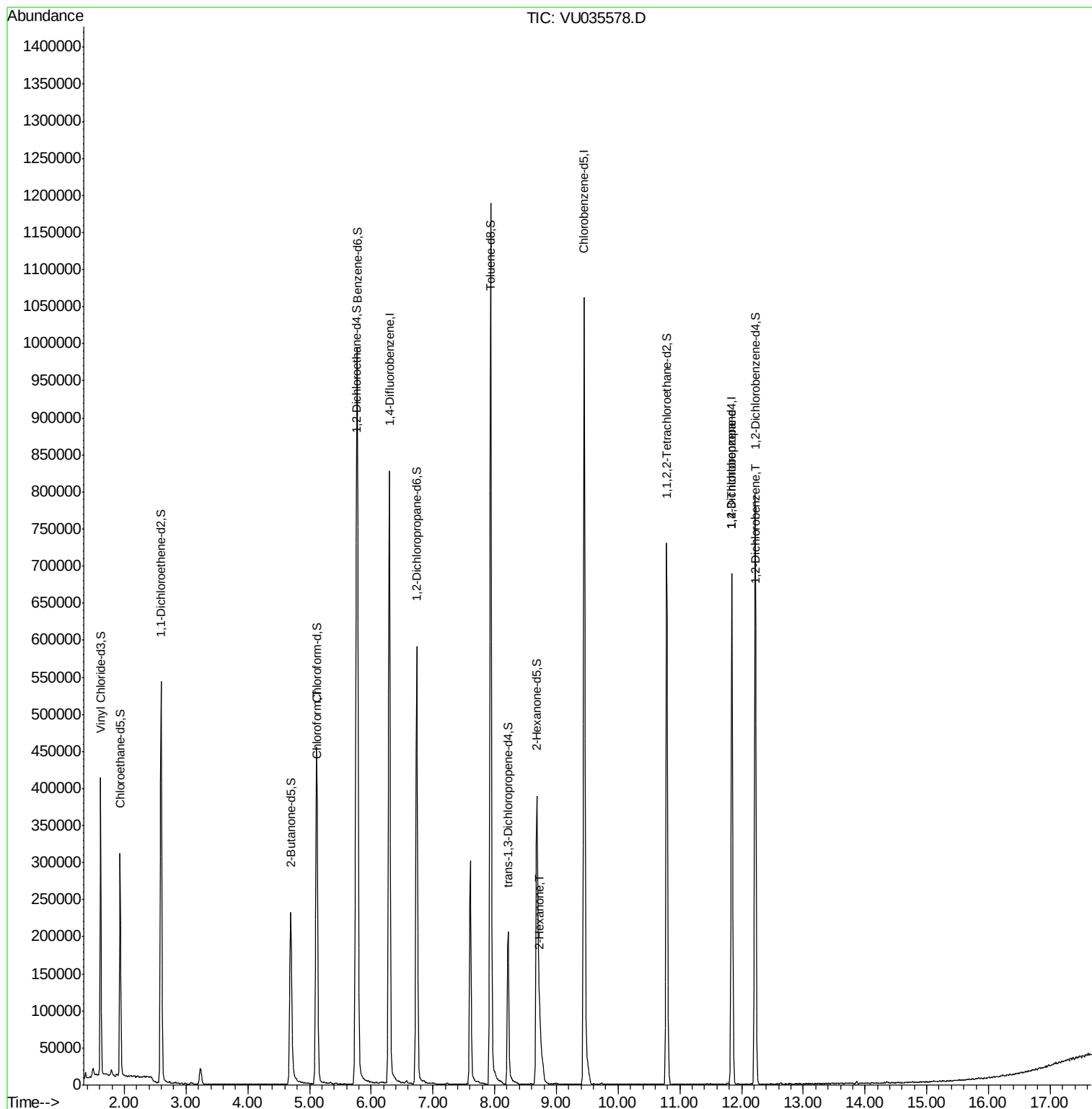
Target Compounds					Qvalue
25) Chloroform	5.13	83	7565	0.861 ug/L	91
48) 2-Hexanone	8.73	43	21197	3.833 ug/L #	73
59) 1,2,3-Trichloropropane	11.84	75	23614	3.562 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	5805	0.852 ug/L #	88

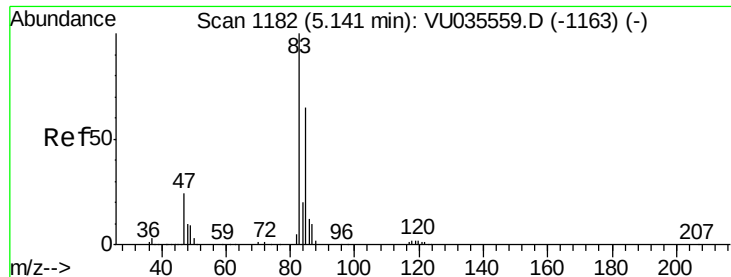
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.861 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

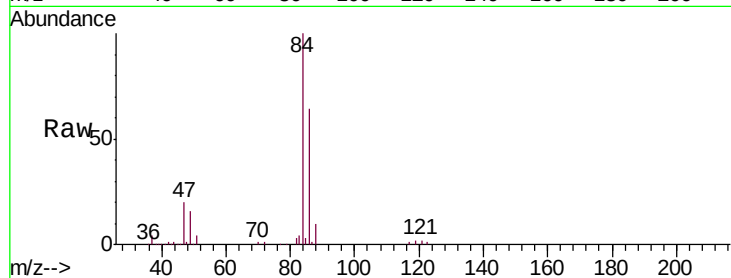
VHBLK01

Tgt Ion: 83 Resp: 7565

Ion Ratio Lower Upper

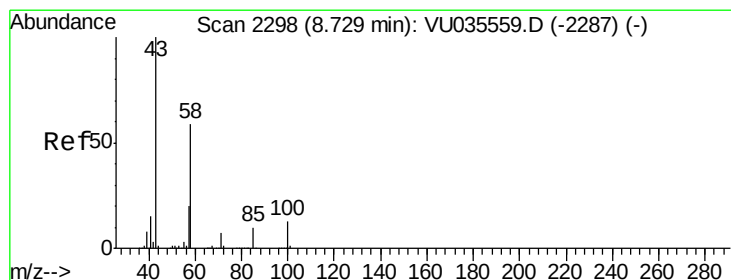
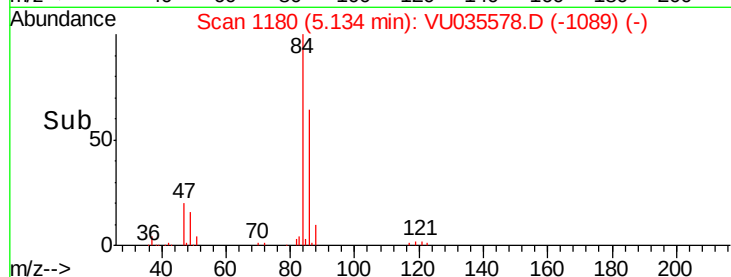
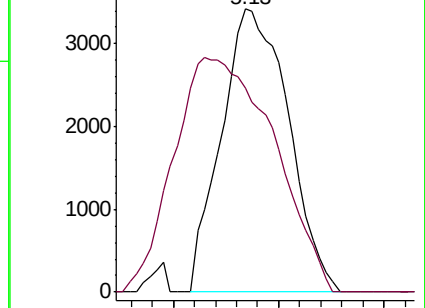
83 100

85 71.9 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU035559.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU035559.D (-1163) (-)



#48

2-Hexanone

Concen: 3.833 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 21197

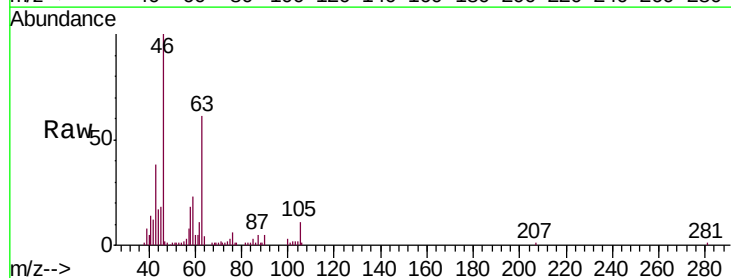
Ion Ratio Lower Upper

43 100

58 45.5 50.4 75.6#

57 0.0 17.4 26.0#

100 5.6 10.5 15.7#

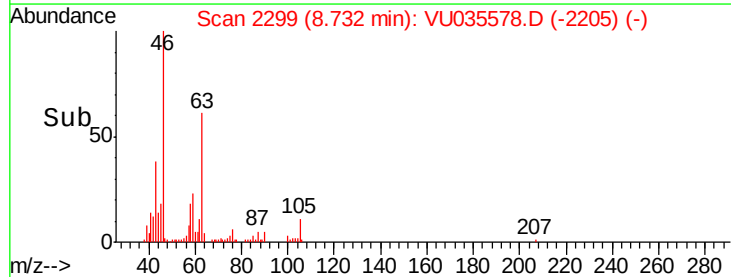
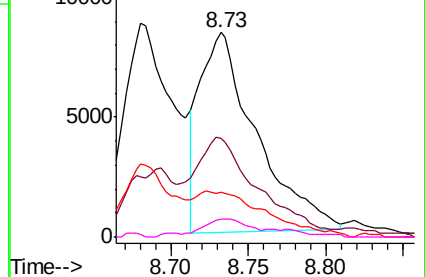


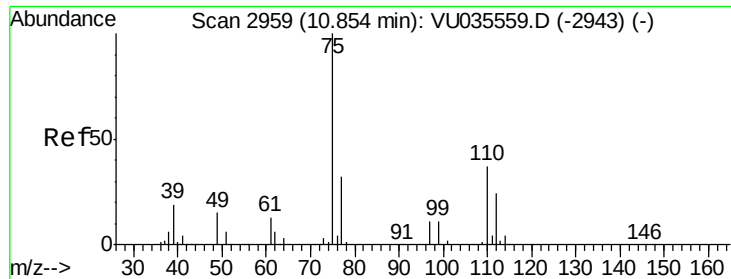
Abundance Ion 43.00 (42.70 to 43.70): VU035559.D (-2287) (-)

Ion 58.00 (57.70 to 58.70): VU035559.D (-2287) (-)

Ion 57.00 (56.70 to 57.70): VU035559.D (-2287) (-)

Ion 100.00 (99.70 to 100.70): VU035559.D (-2287) (-)





#59

1,2,3-Trichloropropane

Concen: 3.562 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

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ClientSampleId :

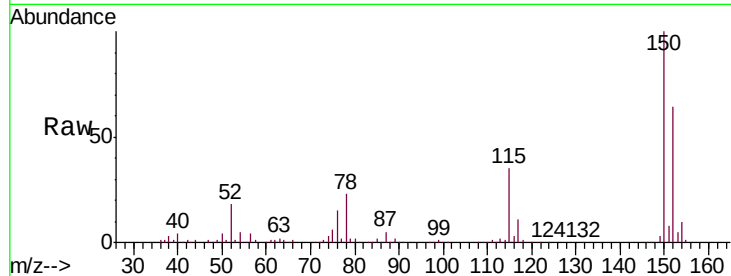
VHBLK01

Tgt Ion: 75 Resp: 23614

Ion Ratio Lower Upper

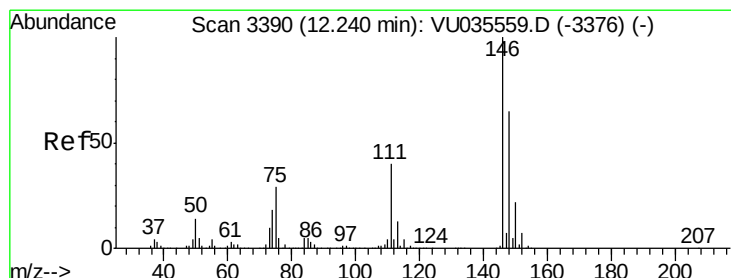
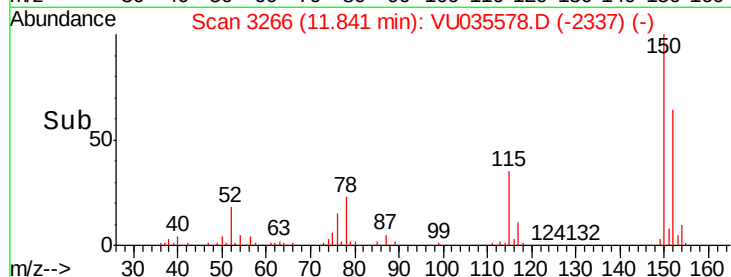
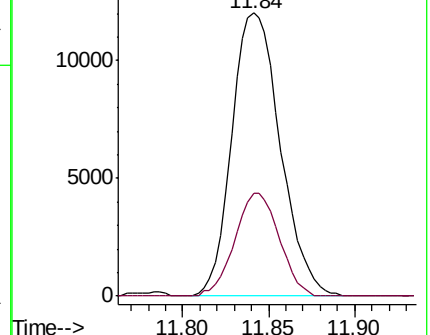
75 100

77 33.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU035559.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU035559.D (-2943) (-)



#65

1,2-Dichlorobenzene

Concen: 0.852 ug/L

RT: 12.24 min Scan# 3390

Delta R.T. -0.00 min

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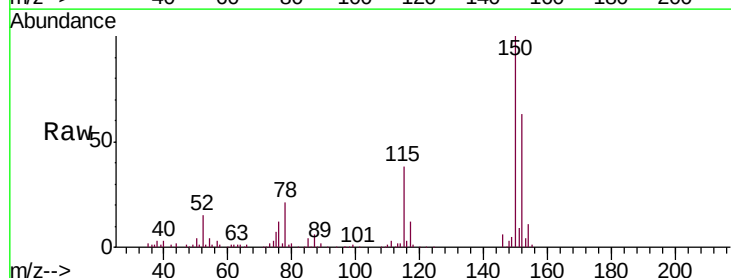
Tgt Ion: 146 Resp: 5805

Ion Ratio Lower Upper

146 100

111 51.7 32.4 48.6#

148 58.2 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): VU035559.D (-3376) (-)

Ion 111.00 (110.70 to 111.70): VU035559.D (-3376) (-)

Ion 148.00 (147.70 to 148.70): VU035559.D (-3376) (-)

