

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080519\
 Data File : VU033597.D
 Acq On : 05 Aug 2019 14:26
 Operator : JC/SP
 Sample : VU0805WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Quant Time: Aug 06 05:43:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	332854	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	324969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	100805	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.78%
7) Chloroethane-d5	1.67	69	98715	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.26%
11) 1,1-Dichloroethene-d2	2.26	63	145471	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	4.15	46	184947	107.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	4.62	84	194363	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	127364	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.32	84	401551	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.31	67	130447	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.55	98	363099	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.83	79	63439	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.30	63	131764	105.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	196700	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	149730	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

Target Compounds

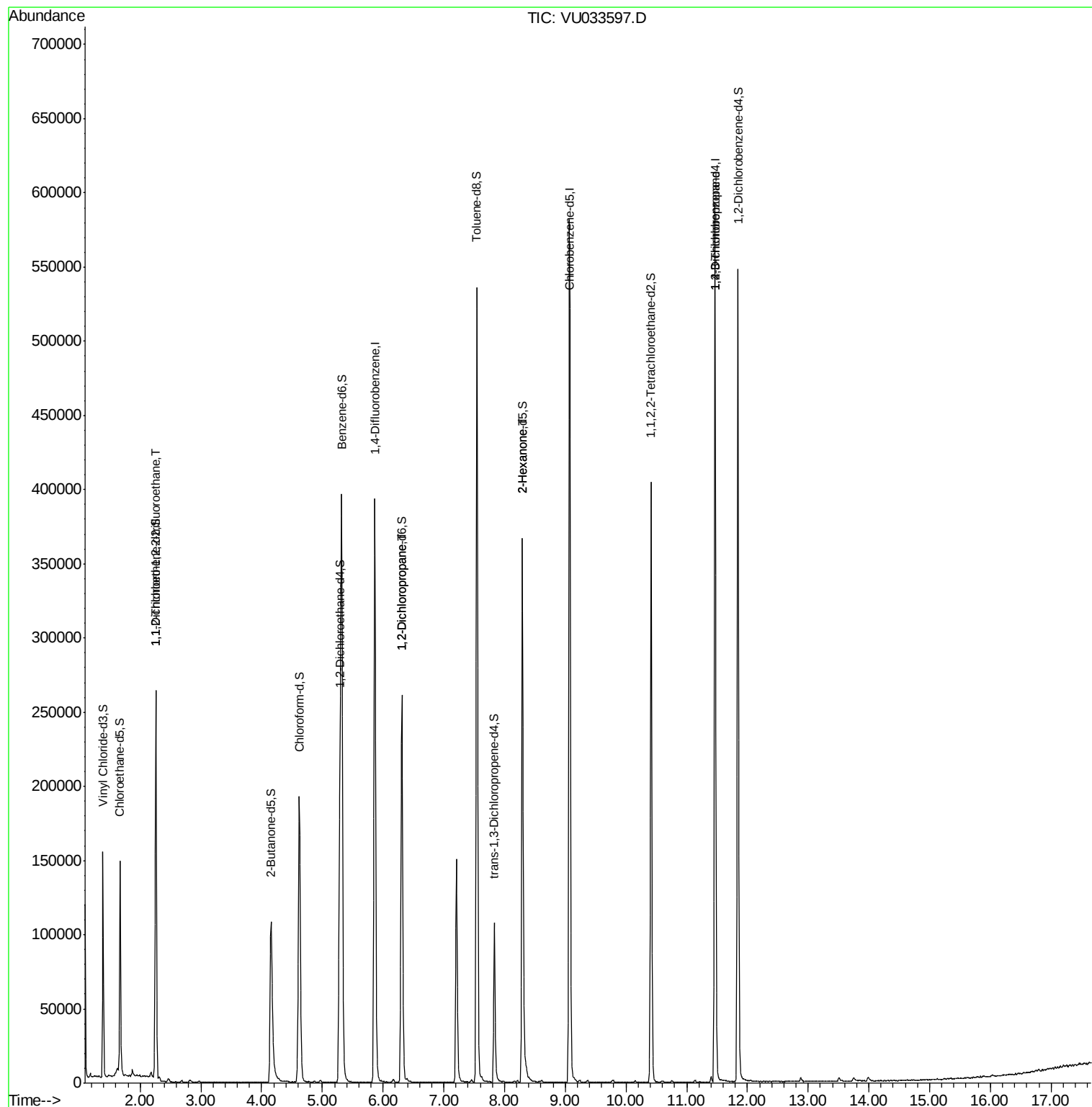
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1698	0.760	ug/L #	28
37) 1,2-Dichloropropane	6.31	63	13958	5.283	ug/L #	88
48) 2-Hexanone	8.30	43	14444	4.784	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	18400	5.317	ug/L	94

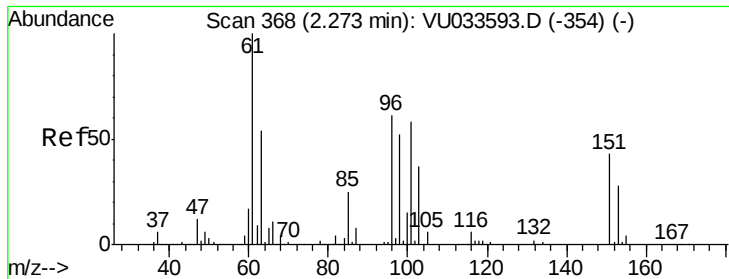
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU080519\
Data File : VU033597.D
Acq On : 05 Aug 2019 14:26
Operator : JC/SP
Sample : VU0805WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Aug 06 05:43:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 03:56:19 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.760 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033597.D

Acq: 05 Aug 2019 14:26

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

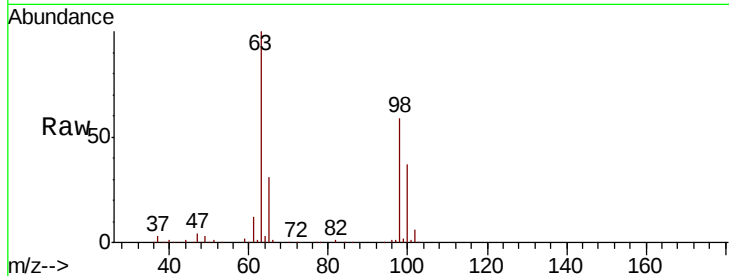
Tgt Ion: 101 Resp: 1698

Ion Ratio Lower Upper

101 100

85 2.3 34.3 51.5#

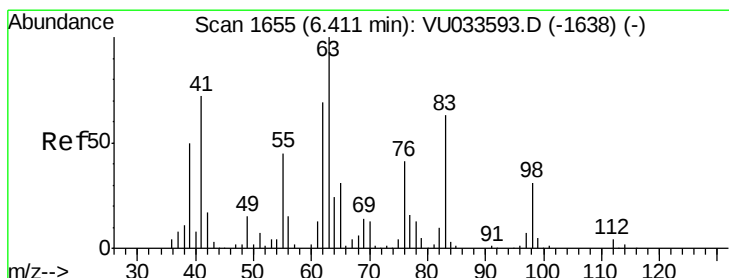
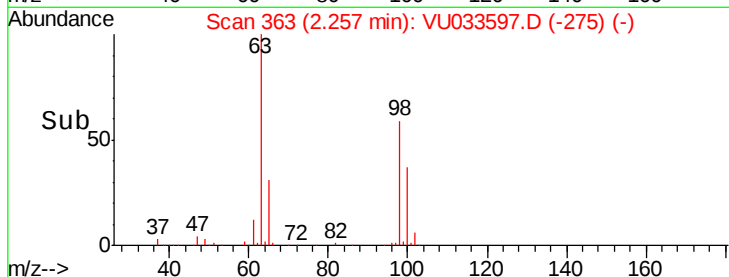
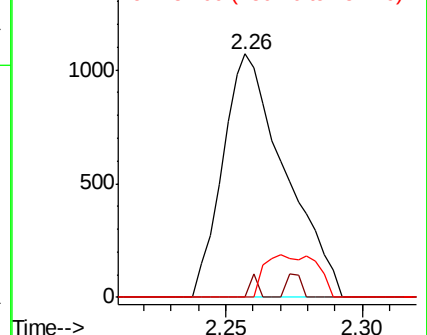
151 9.5 60.2 90.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 5.283 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033597.D

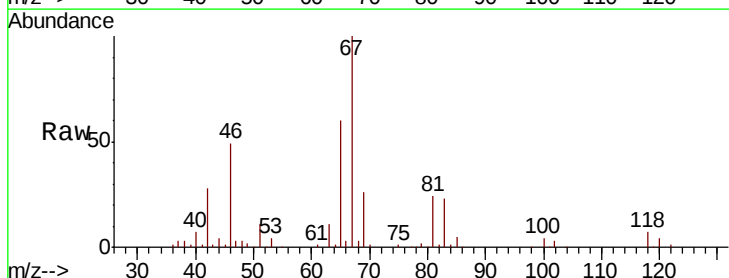
Acq: 05 Aug 2019 14:26

Tgt Ion: 63 Resp: 13958

Ion Ratio Lower Upper

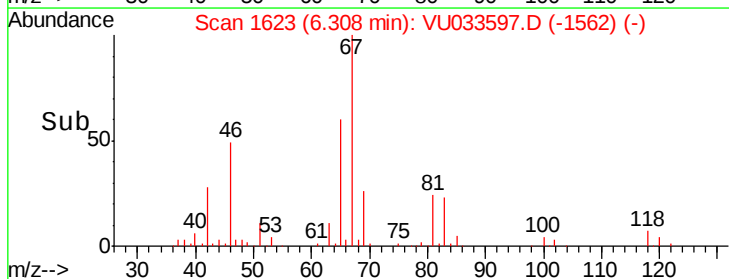
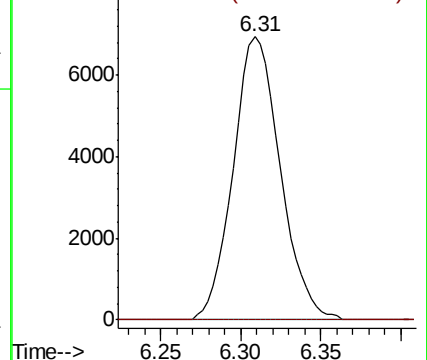
63 100

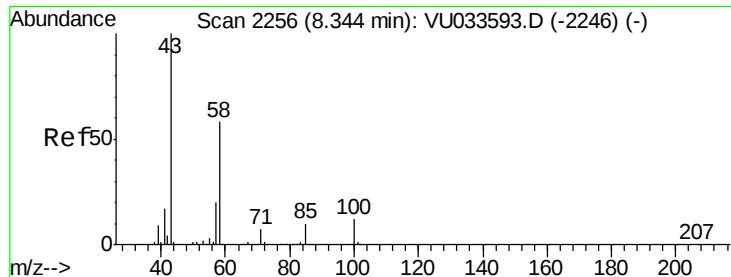
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

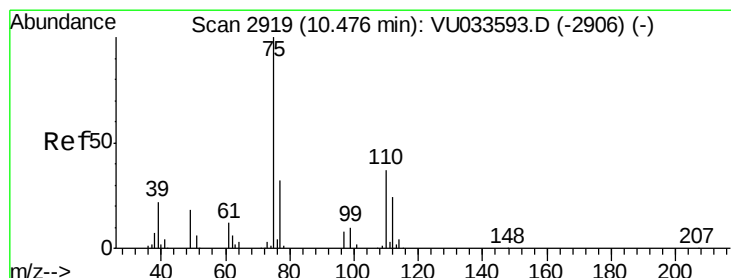
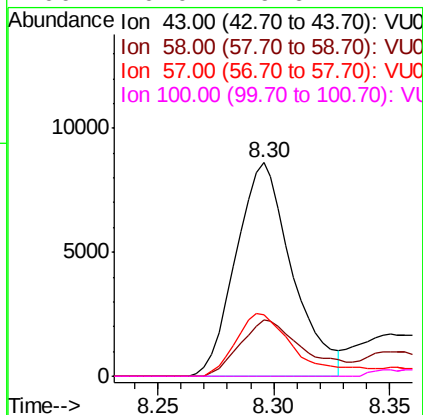
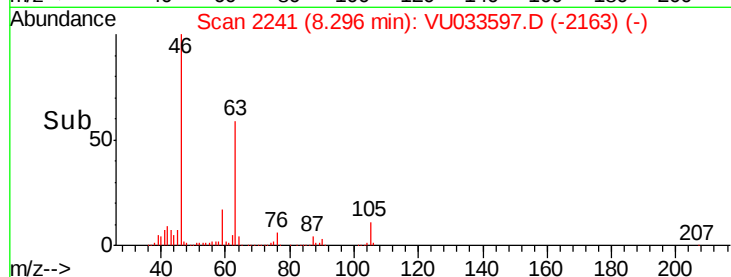
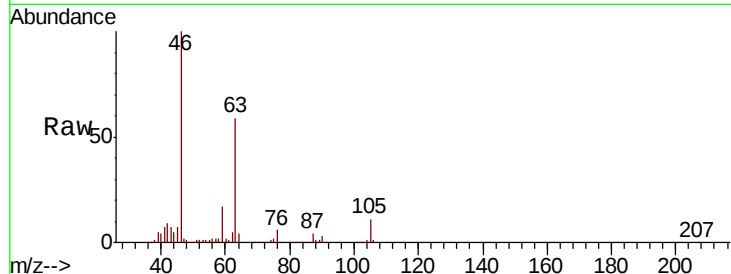




#48
 2-Hexanone
 Concen: 4.784 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033597.D
 Acq: 05 Aug 2019 14:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

Tgt Ion: 43 Resp: 14444
 Ion Ratio Lower Upper
 43 100
 58 30.7 45.2 67.8#
 57 29.6 15.4 23.2#
 100 0.0 9.6 14.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.317 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033597.D
 Acq: 05 Aug 2019 14:26

Tgt Ion: 75 Resp: 18400
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.7 38.5

