

Data File : VU033547.D
Acq On : 01 Aug 2019 14:24
Operator : JC/SP
Sample : K4103-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9F3

Quant Time: Aug 02 02:31:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 02:28:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	295208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	285608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130195	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	91946	42.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.68%
7) Chloroethane-d5	1.67	69	91531	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.26	63	128908	33.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.16	46	168448	118.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.49%
24) Chloroform-d	4.62	84	181922	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.29	65	119463	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.32	84	356959	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.31	67	117186	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.60%
41) Toluene-d8	7.55	98	318443	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.83	79	52921	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.14%
47) 2-Hexanone-d5	8.30	63	118803	112.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	182336	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	127616	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

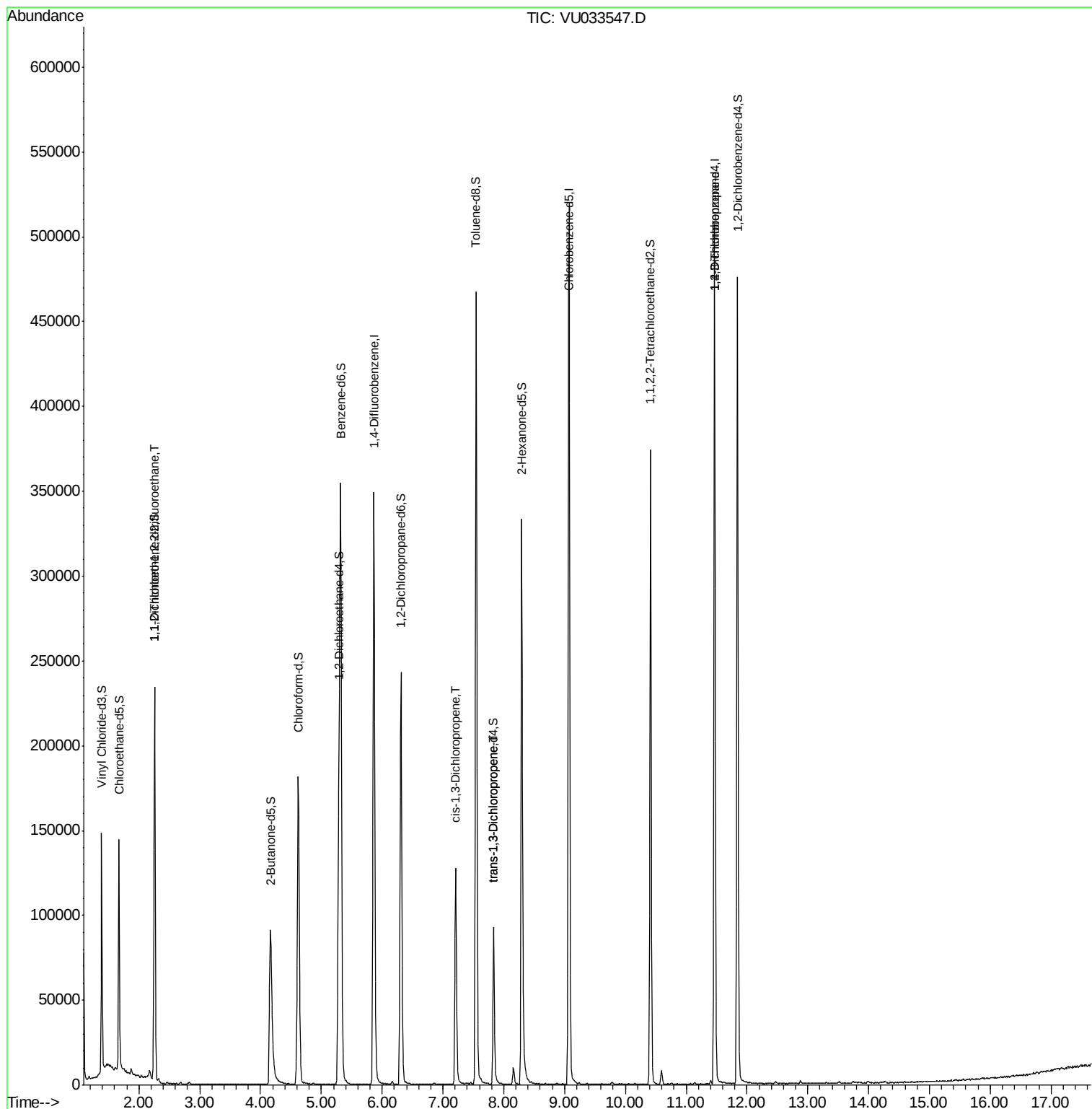
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1339	0.672	ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	3442	1.000	ug/L #	76
44) trans-1,3-Dichloropropene	7.84	75	2570	0.826	ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	16030	5.507	ug/L	93

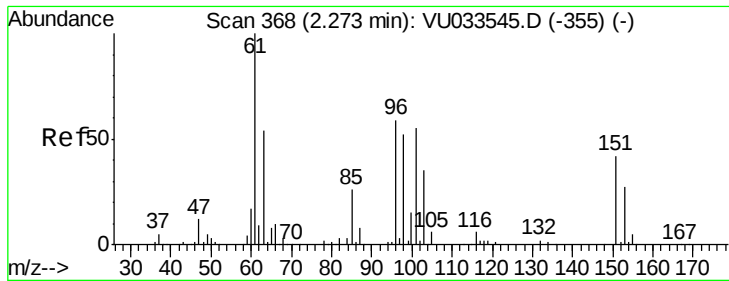
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.672 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

DB9F3

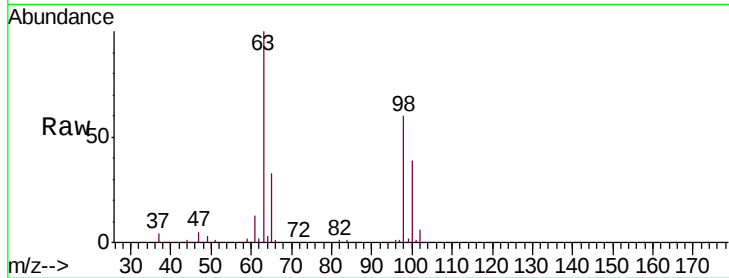
Tgt Ion:101 Resp: 1339

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

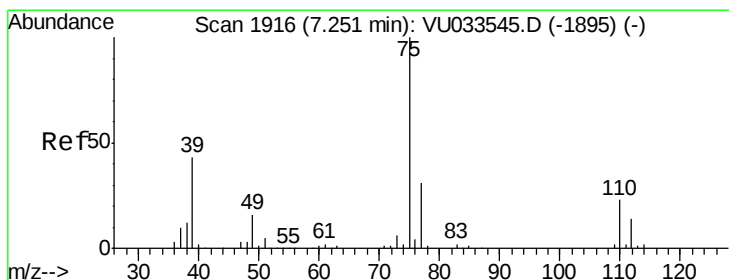
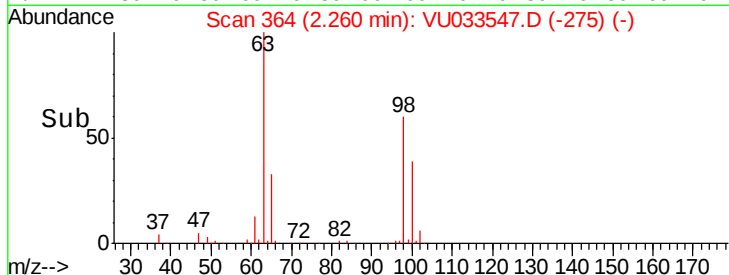
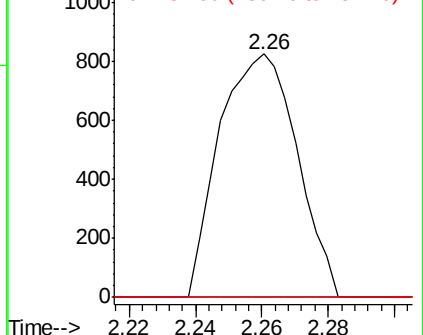
151 0.0 60.1 90.1#



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



#39

cis-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.21 min Scan# 1904

Delta R.T. -0.04 min

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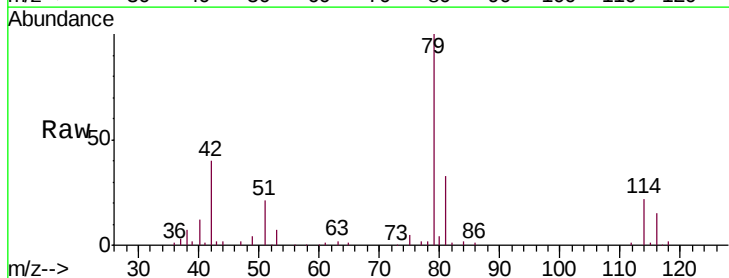
Acq: 01 Aug 2019 14:24

Tgt Ion: 75 Resp: 3442

Ion Ratio Lower Upper

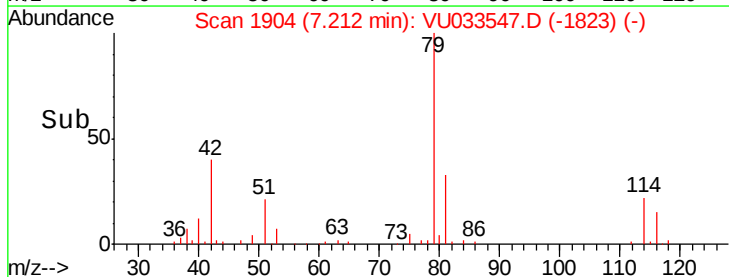
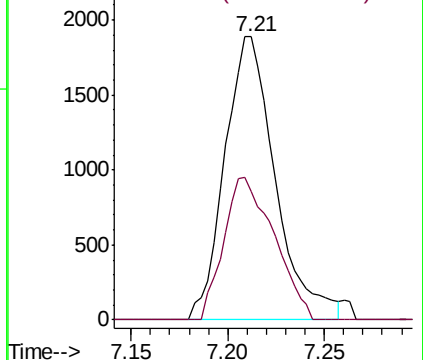
75 100

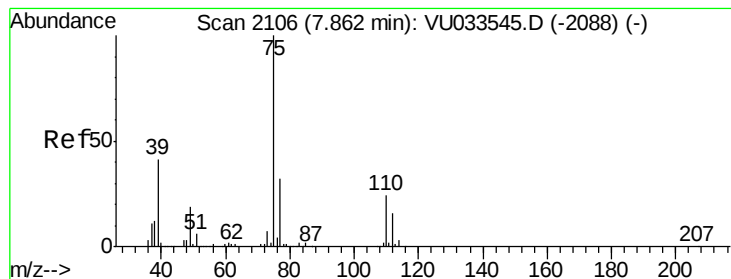
77 45.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.826 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

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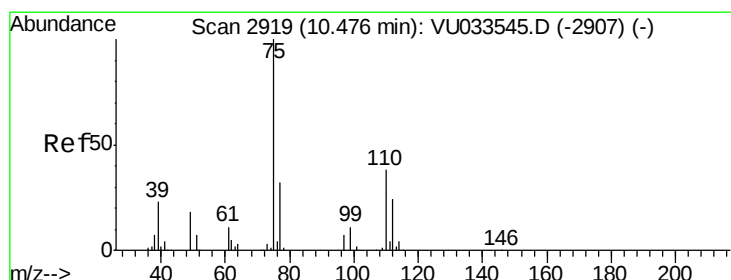
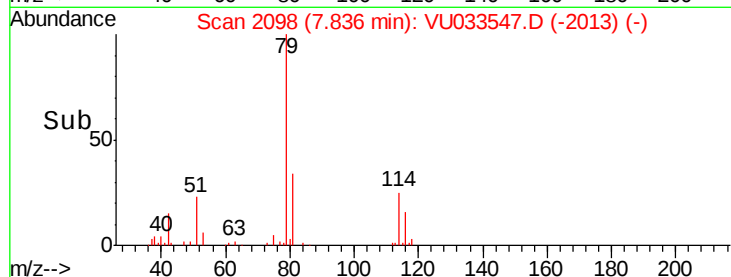
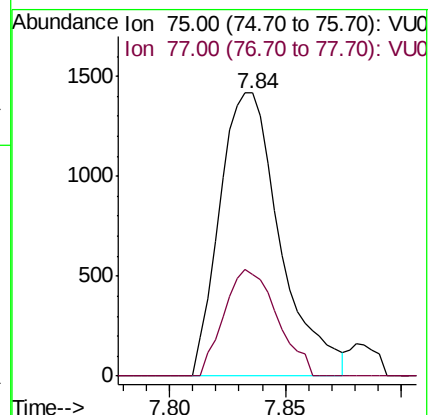
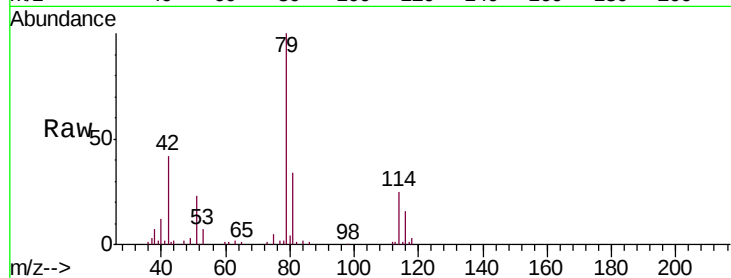
DB9F3

Tgt Ion: 75 Resp: 2570

Ion Ratio Lower Upper

75 100

77 35.9 22.7 42.1



#59

1,2,3-Trichloropropane

Concen: 5.507 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Acq: 01 Aug 2019 14:24

Tgt Ion: 75 Resp: 16030

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6

