

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032088.D
 Acq On : 17 May 2019 08:15
 Operator : JC/SP
 Sample : K2859-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W44

Quant Time: May 17 09:17:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144397	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	121665	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	199156	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	268770	43.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.40%
24) Chloroform-d	4.64	84	249978	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	127922	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.33	84	528631	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.32	67	151198	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.56	98	430369	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	49579	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	235526	42.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125774	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	156138	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

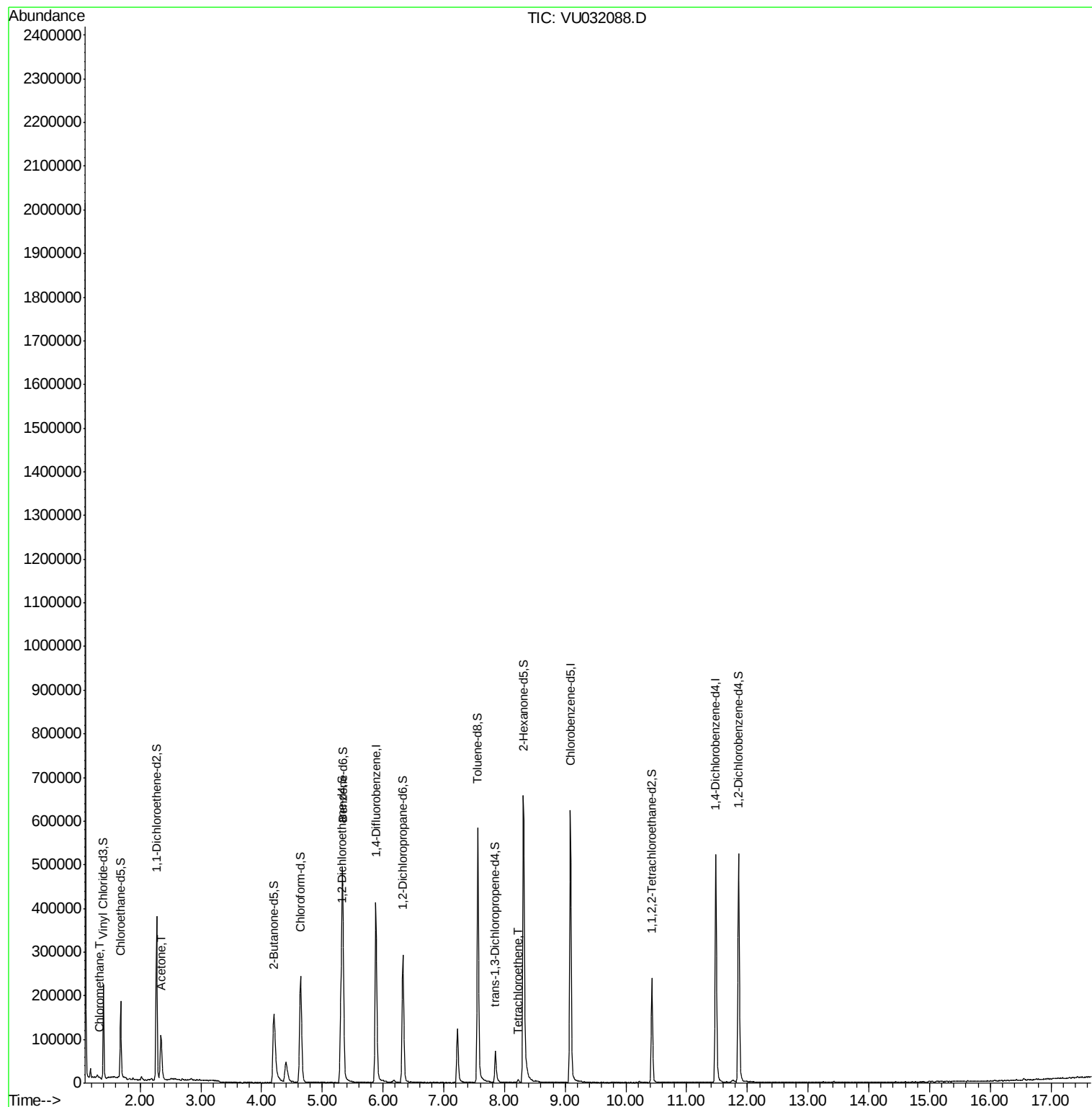
Target Compounds					Ovalue
3) Chloromethane	1.33	50	2743	0.152 ug/L	95
13) Acetone	2.34	43	55294	27.075 ug/L	99
47) Tetrachloroethene	8.23	164	1773	0.147 ug/L	79

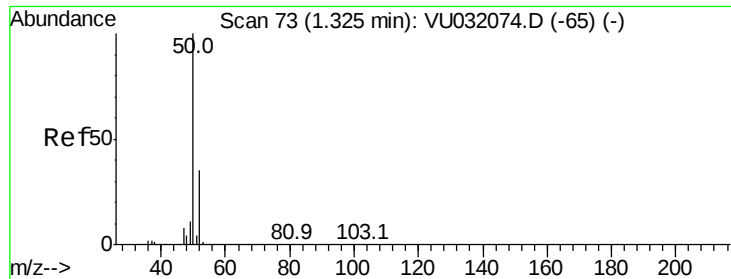
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032088.D

Acq: 17 May 2019 08:15

Instrument :

MSVOA_U

ClientSampleId :

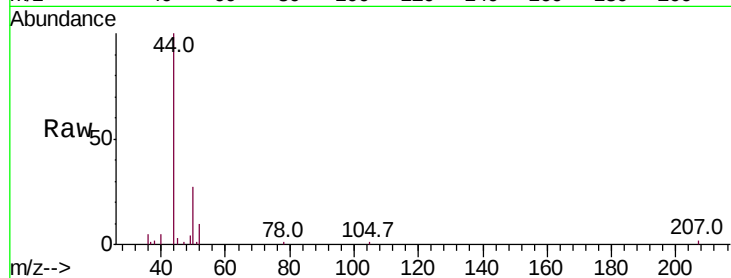
F9W44

Tot Ion: 50 Resp: 2743

Ion Ratio Lower Upper

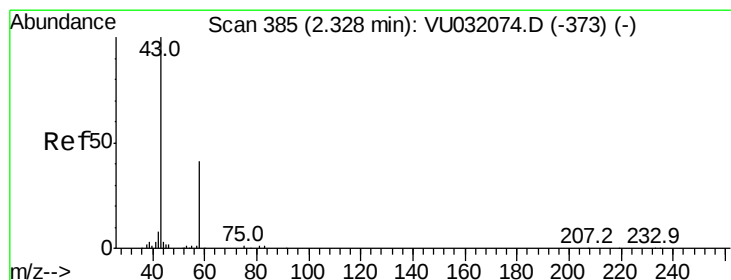
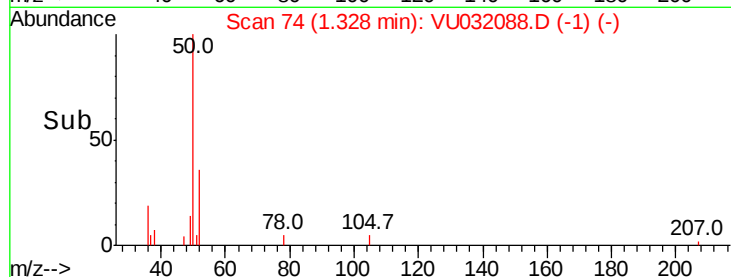
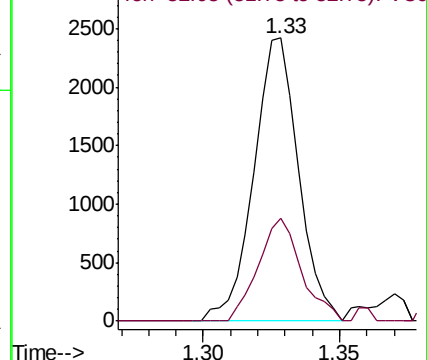
50 100

52 36.2 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 27.075 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032088.D

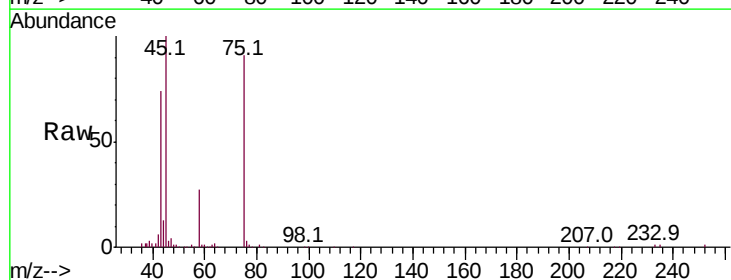
Acq: 17 May 2019 08:15

Tgt Ion: 43 Resp: 55294

Ion Ratio Lower Upper

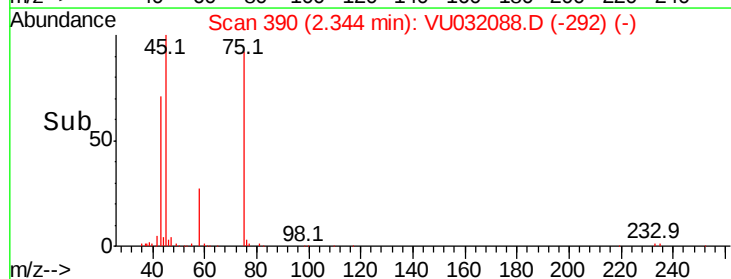
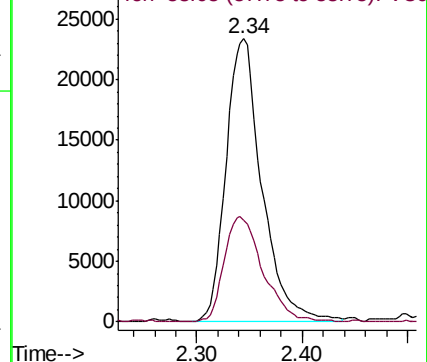
43 100

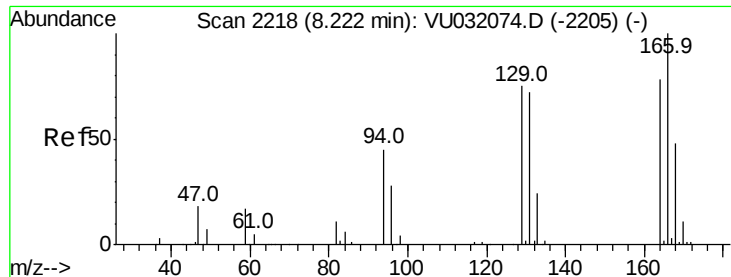
58 40.0 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.147 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032088.D

Acq: 17 May 2019 08:15

Instrument :

MSVOA_U

ClientSampleId :

F9W44

Tot Ion:164 Resp: 1773

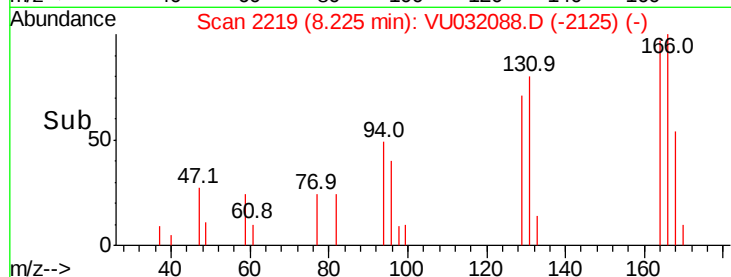
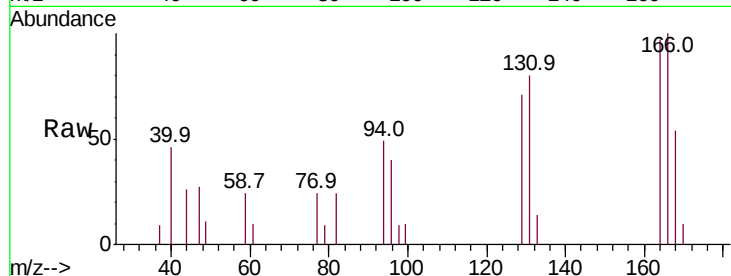
Ion Ratio Lower Upper

164 100

129 73.4 70.3 130.5

131 82.4 64.5 119.9

166 102.7 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

