

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032087.D
 Acq On : 17 May 2019 07:50
 Operator : JC/SP
 Sample : K2859-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W43

Quant Time: May 17 09:15:19 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	377810	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	401999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139591	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	120572	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	195956	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.20	46	272967	43.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.64	84	249999	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.31	65	127120	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.33	84	525257	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.33	67	150855	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.56	98	429124	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.85	79	47581	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	238408	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128243	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	157738	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

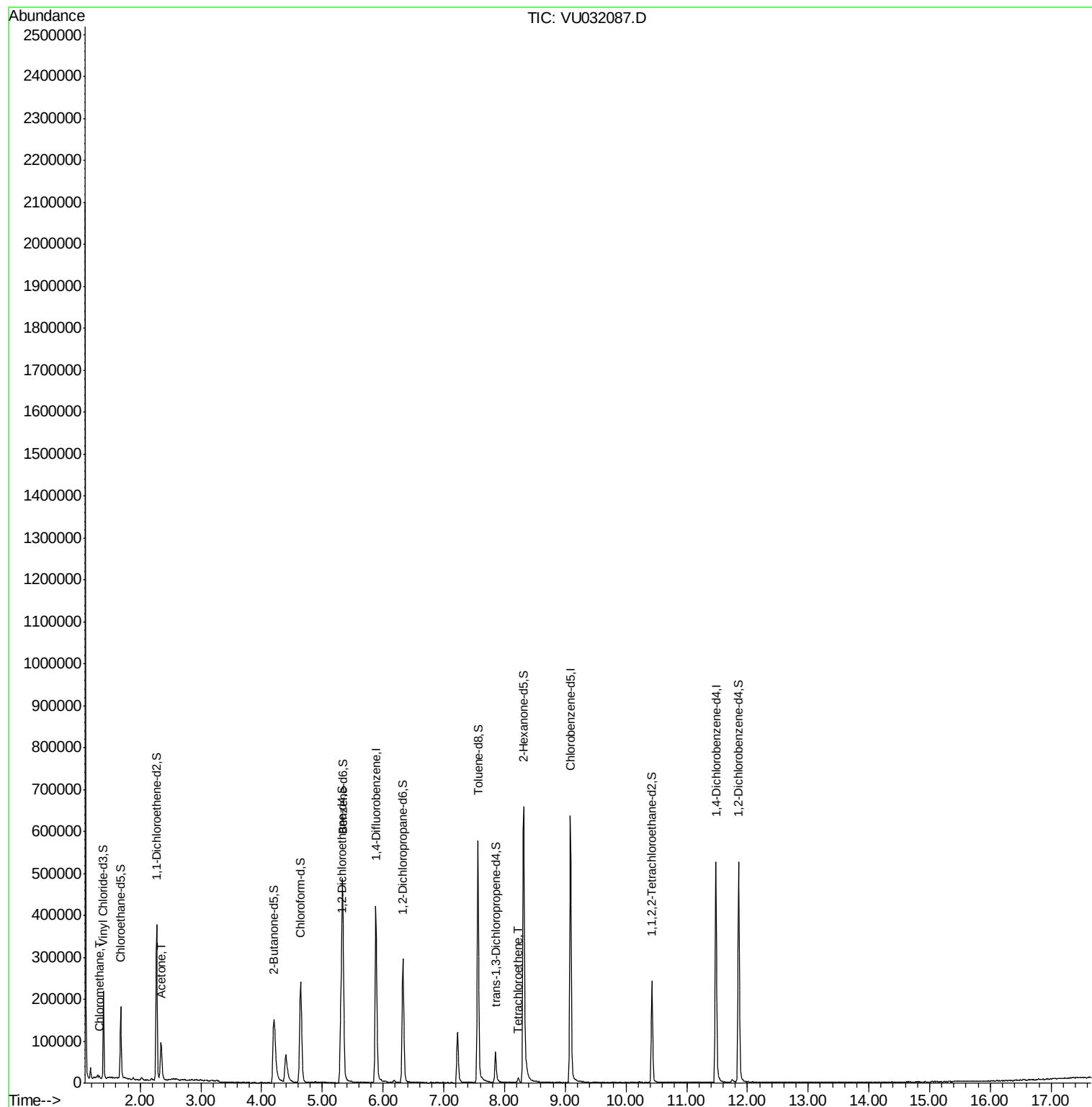
Target Compounds					Ovalue
3) Chloromethane	1.32	50	3778	0.208 ug/L	88
13) Acetone	2.34	43	33838	16.497 ug/L	98
47) Tetrachloroethene	8.23	164	3104	0.248 ug/L	93

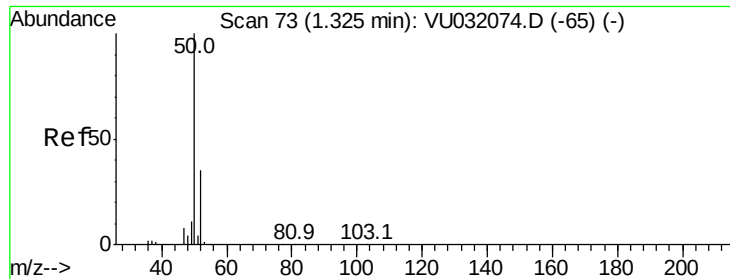
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

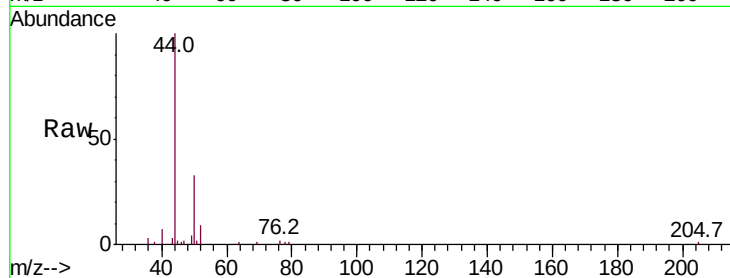
F9W43

Tot Ion: 50 Resp: 3778

Ion Ratio Lower Upper

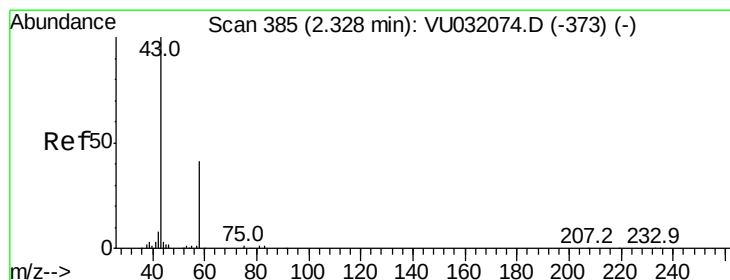
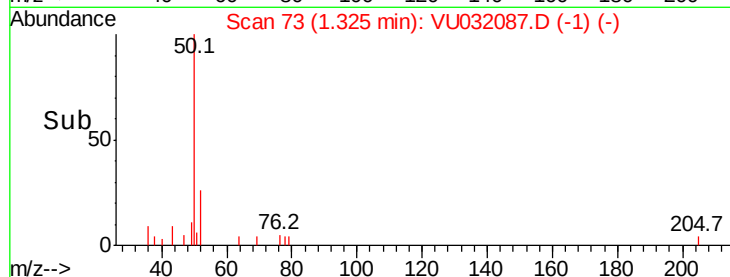
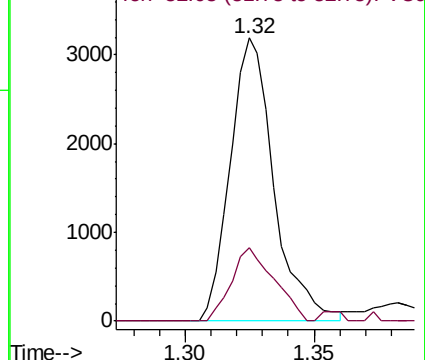
50 100

52 26.0 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: 16.497 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

Lab File: VU032087.D

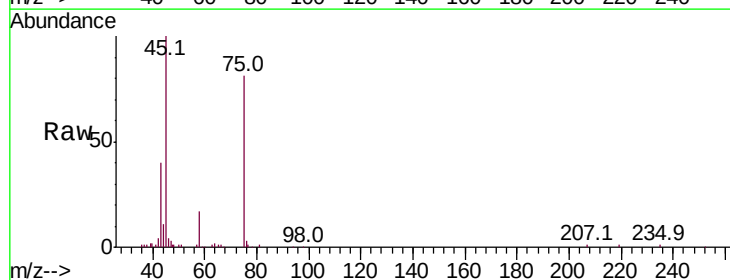
Acq: 17 May 2019 07:50

Tgt Ion: 43 Resp: 33838

Ion Ratio Lower Upper

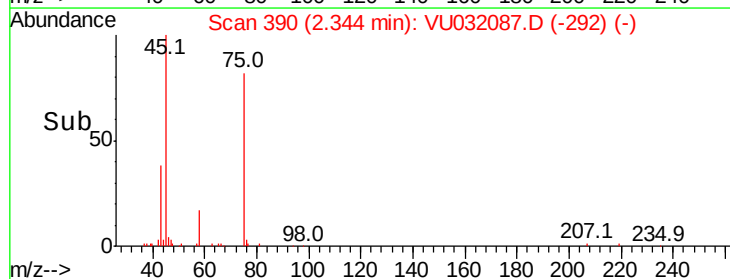
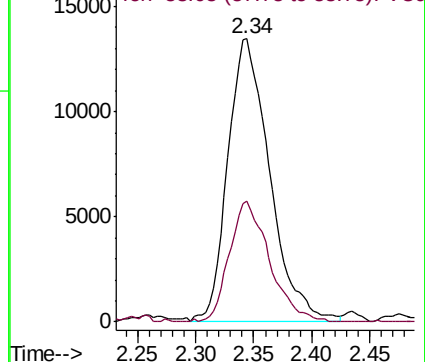
43 100

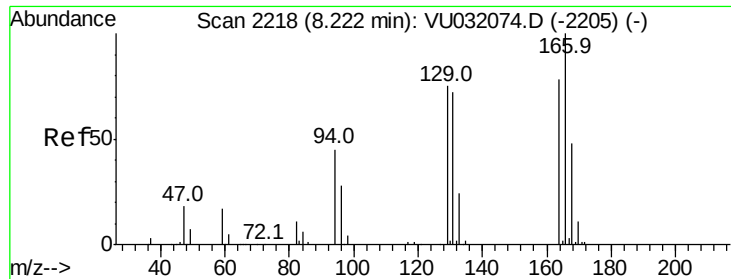
58 40.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU032087.D

Acq: 17 May 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
F9W43

Tot Ion:164 Resp: 3104

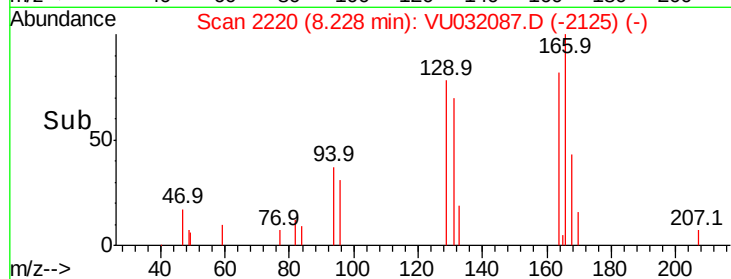
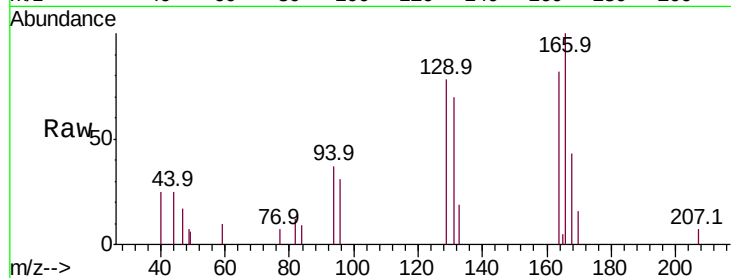
Ion Ratio Lower Upper

164 100

129 95.0 70.3 130.5

131 85.6 64.5 119.9

166 122.6 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

