

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035505.D
 Acq On : 25 Oct 2019 22:54
 Operator : JC/SP
 Sample : K5554-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ94

Quant Time: Oct 26 05:55:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 04:07:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	181712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	209921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	78840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125930	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.93	69	106200	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.59	63	165694	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.71	46	279759	58.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.98%
24) Chloroform-d	5.11	84	198100	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.75	65	109354	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.77	84	396465	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.74	67	132025	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.93	98	324491	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.22	79	47195	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.69	63	198521	54.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102080	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	98569	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#

Target Compounds

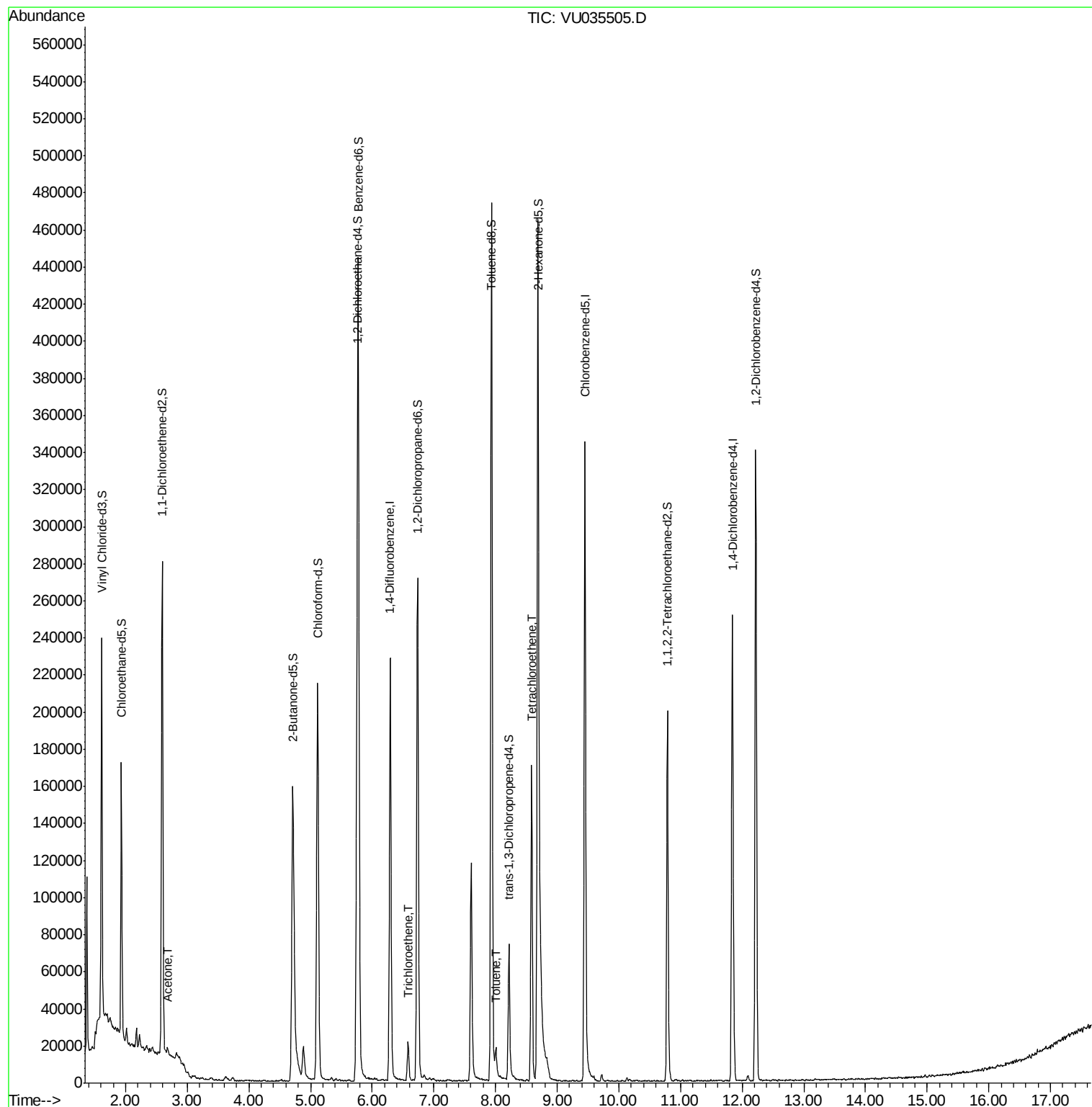
					Ovalue
13) Acetone	2.68	43	5542	1.525 ug/L	96
34) Trichloroethene	6.58	95	6852	0.334 ug/L	94
42) Toluene	8.01	91	9904	0.116 ug/L	92
47) Tetrachloroethene	8.58	164	39546	2.345 ug/L	99

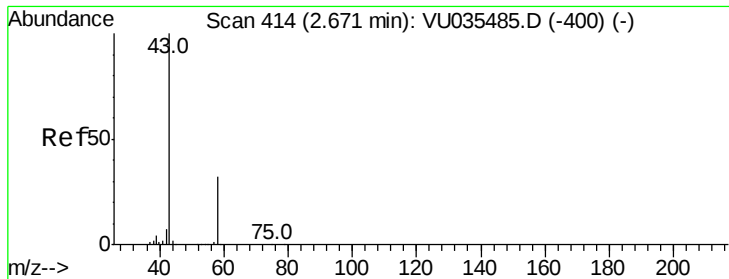
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.525 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

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ClientSampleId :

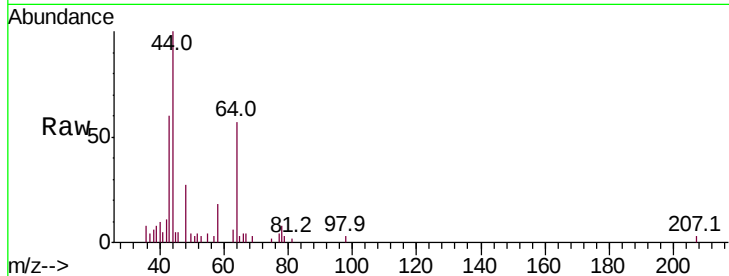
GAQ94

Tot Ion: 43 Resp: 5542

Ion Ratio Lower Upper

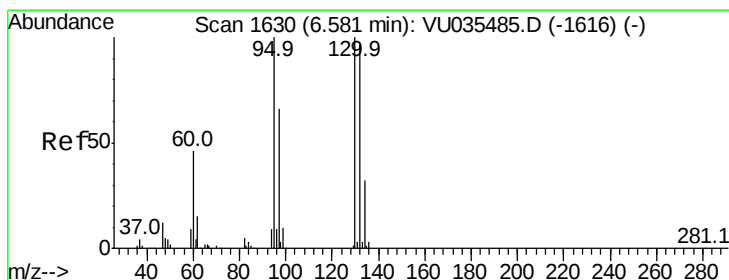
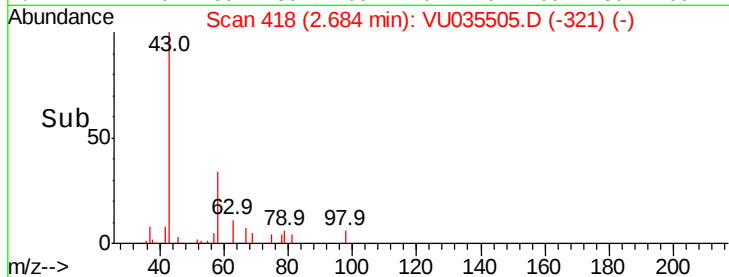
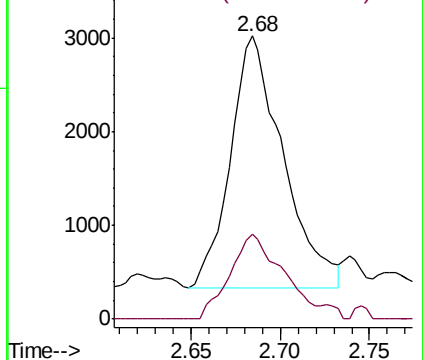
43 100

58 33.9 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#34

Trichloroethene

Concen: 0.334 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035505.D

Acq: 25 Oct 2019 22:54

Tgt Ion: 95 Resp: 6852

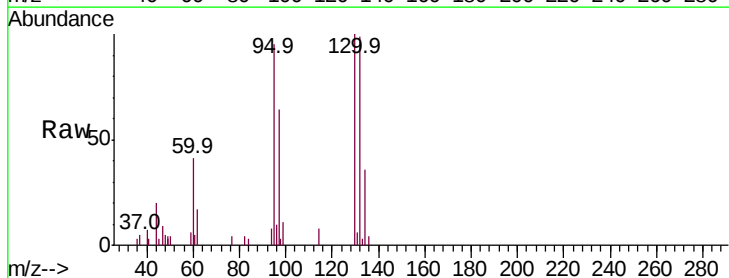
Ion Ratio Lower Upper

95 100

97 67.6 43.8 81.4

132 104.2 67.3 124.9

130 105.6 70.6 131.2

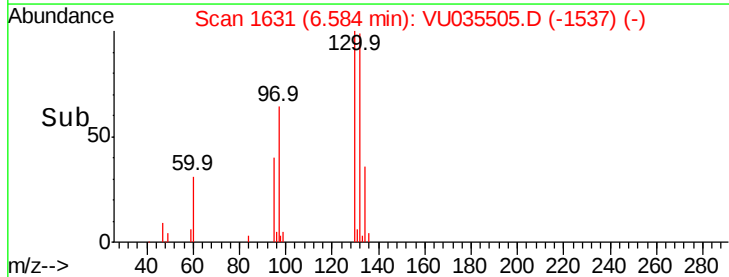
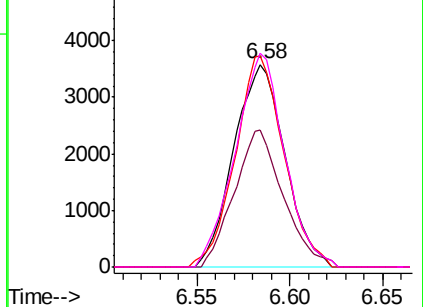


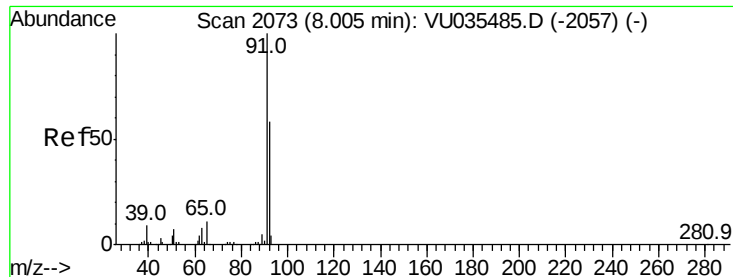
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.116 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

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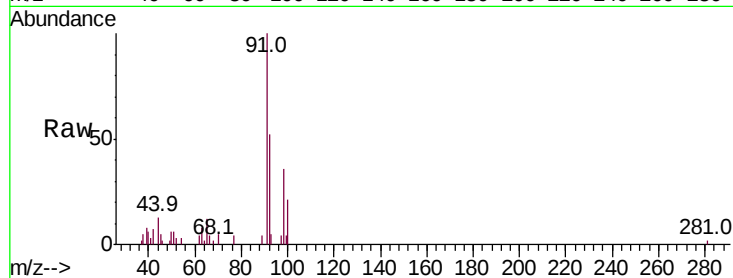
GAQ94

Tot Ion: 91 Resp: 9904

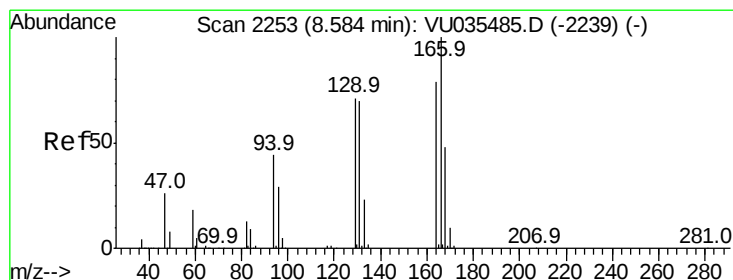
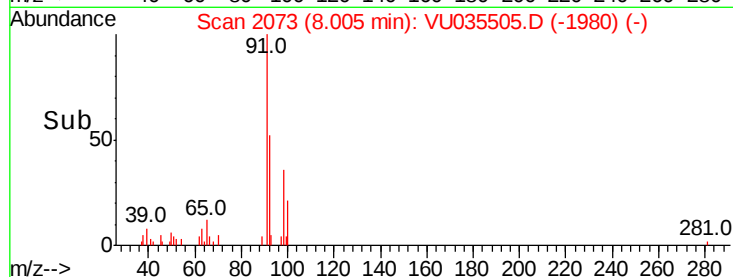
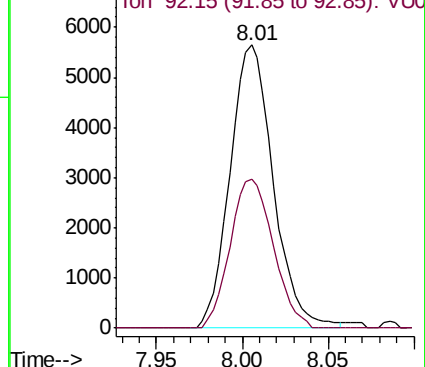
Ion Ratio Lower Upper

91 100

92 52.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU035485.D (-2057) (-)



#47

Tetrachloroethene

Concen: 2.345 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035505.D

Acq: 25 Oct 2019 22:54

Tgt Ion:164 Resp: 39546

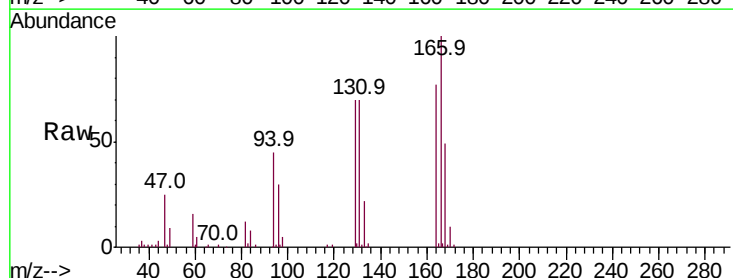
Ion Ratio Lower Upper

164 100

129 91.2 64.6 120.0

131 90.5 63.1 117.3

166 129.7 90.4 168.0



Abundance Ion 163.90 (163.60 to 164.60): VU035485.D (-2239) (-)

