

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035504.D
 Acq On : 25 Oct 2019 22:29
 Operator : JC/SP
 Sample : K5554-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQ93

Quant Time: Oct 26 05:54:02 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	193047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127231	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.93	69	108803	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	167830	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.71	46	276756	54.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	5.11	84	206122	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.75	65	107643	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.77	84	402141	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.74	67	134534	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.93	98	332781	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.22	79	47472	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.68	63	198114	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105695	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	99112	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

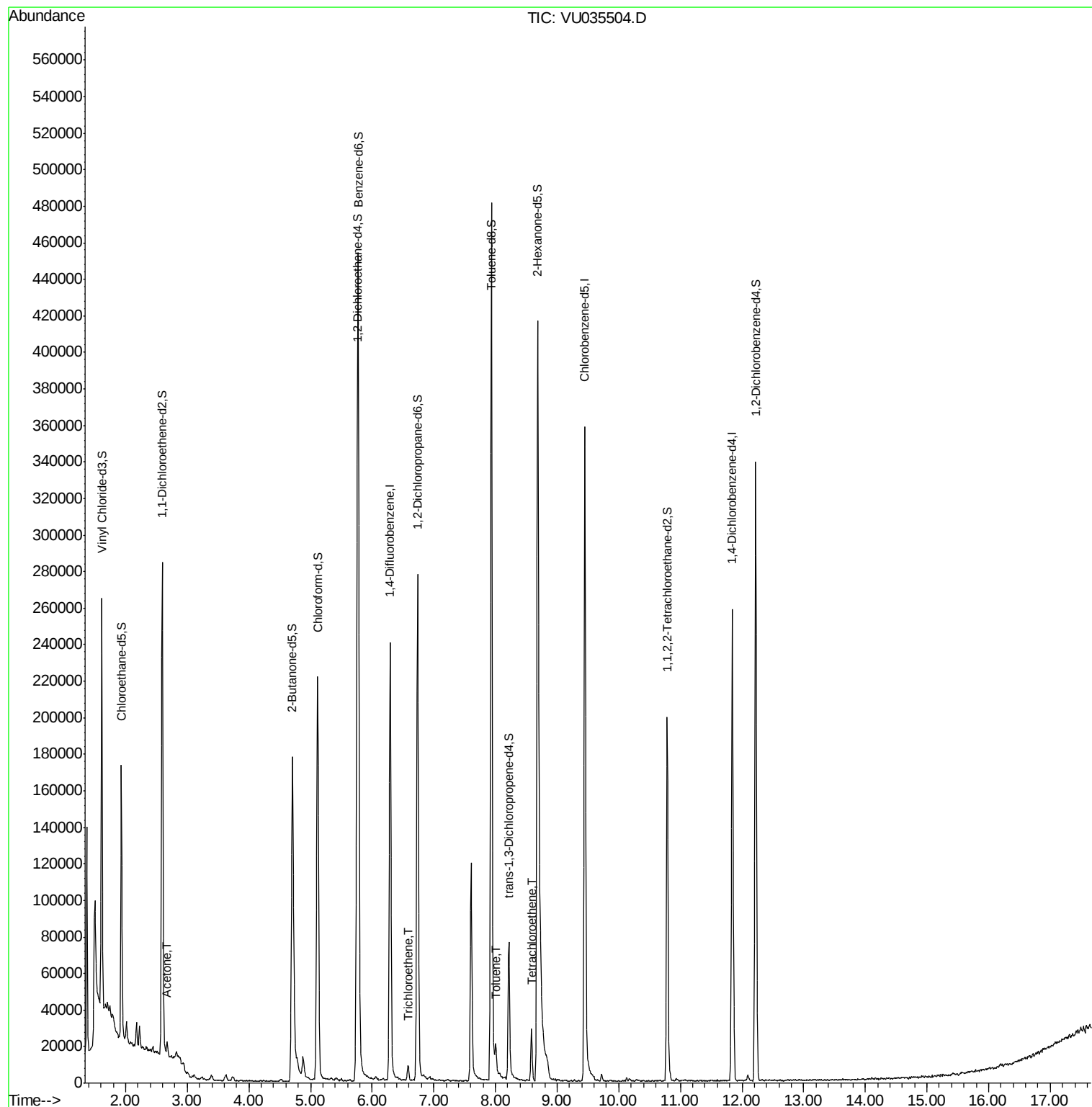
					Ovalue
13) Acetone	2.67	43	6234	1.615 ug/L	89
34) Trichloroethene	6.58	95	2856	0.135 ug/L	95
42) Toluene	8.01	91	9486	0.108 ug/L	99
47) Tetrachloroethene	8.58	164	5892	0.339 ug/L	88

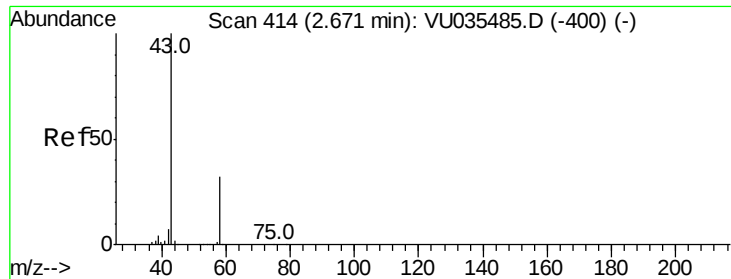
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.615 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035504.D

Acq: 25 Oct 2019 22:29

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MSVOA_U

ClientSampleId :

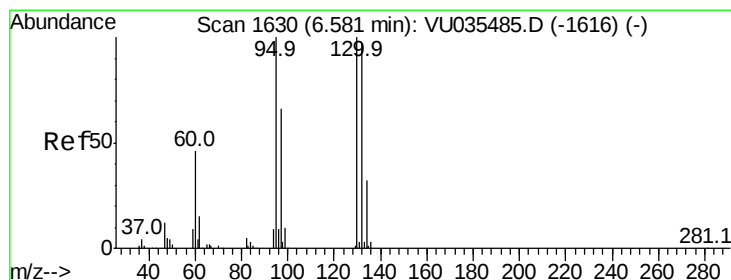
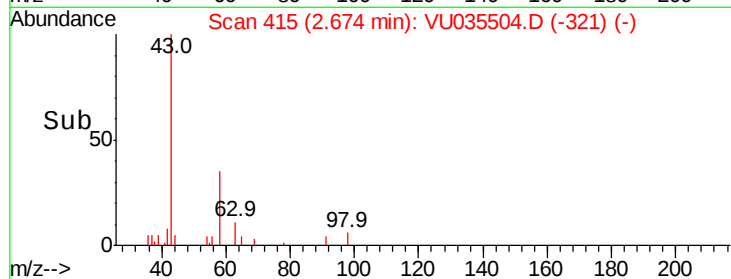
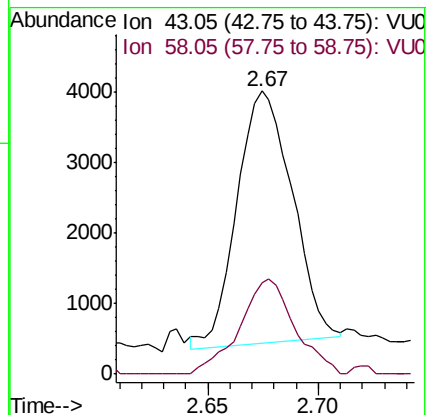
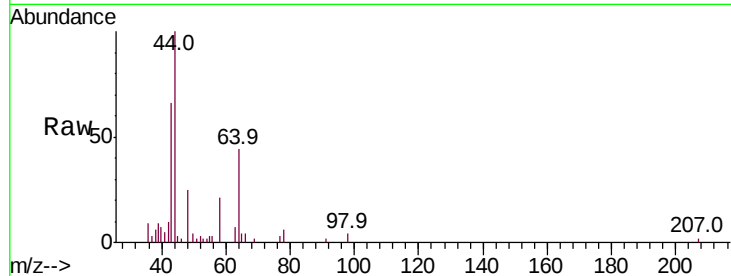
GAQ93

Tot Ion: 43 Resp: 6234

Ion Ratio Lower Upper

43 100

58 37.5 0.0 63.2



#34

Trichloroethene

Concen: 0.135 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035504.D

Acq: 25 Oct 2019 22:29

Tgt Ion: 95 Resp: 2856

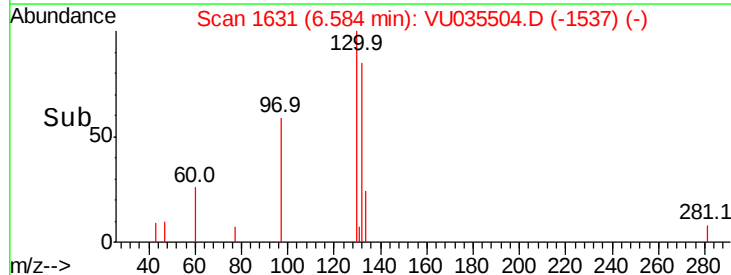
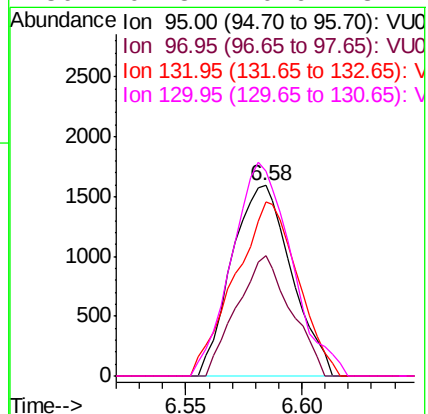
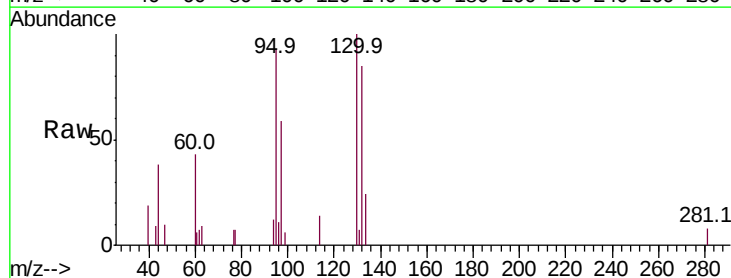
Ion Ratio Lower Upper

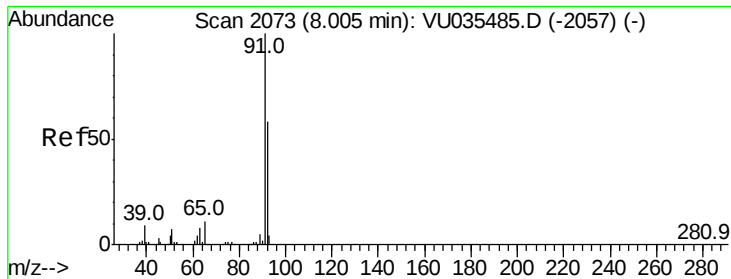
95 100

97 63.4 43.8 81.4

132 91.3 67.3 124.9

130 107.8 70.6 131.2





#42

Toluene

Concen: 0.108 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035504.D

Acq: 25 Oct 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

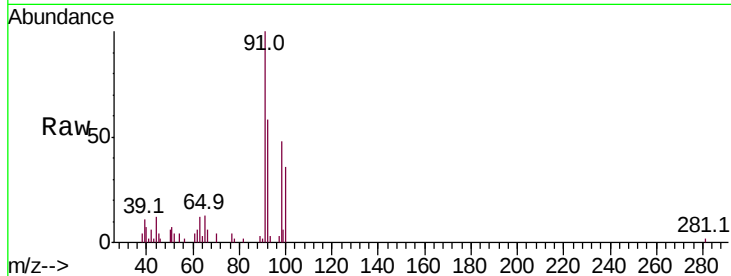
GAQ93

Tot Ion: 91 Resp: 9486

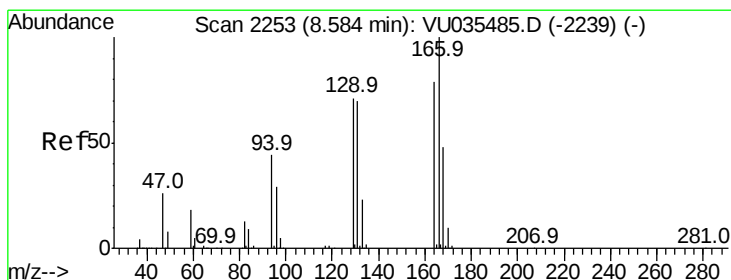
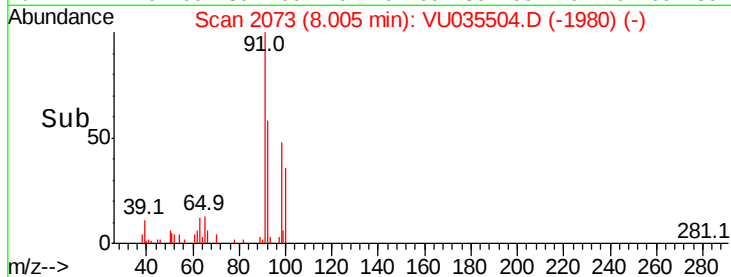
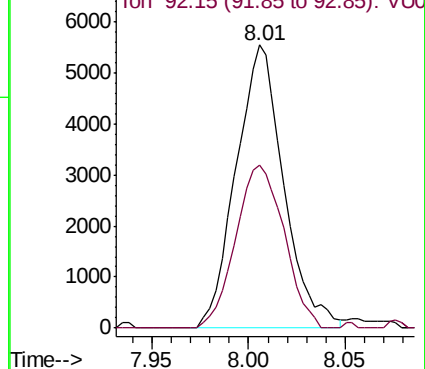
Ion Ratio Lower Upper

91 100

92 57.7 40.9 75.9



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



#47

Tetrachloroethene

Concen: 0.339 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035504.D

Acq: 25 Oct 2019 22:29

Tgt Ion: 164 Resp: 5892

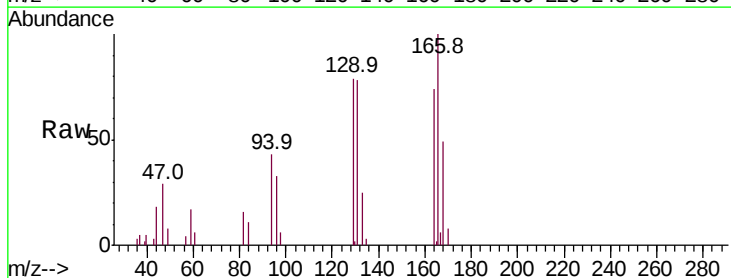
Ion Ratio Lower Upper

164 100

129 107.4 64.6 120.0

131 106.2 63.1 117.3

166 135.3 90.4 168.0



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

Ion 128.95 (128.65 to 129.65): VU035485.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU035485.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU035485.D (-2239) (-)

