

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036087.D
 Acq On : 10 Dec 2019 16:43
 Operator : JC/MD
 Sample : K6168-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE39DL

Quant Time: Dec 12 02:49:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	310768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	343309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	119487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148836	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.93	69	134543	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.59	63	162280	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.70	46	290869	61.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.26%
24) Chloroform-d	5.11	84	224184	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	121550	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	445367	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.73	67	139540	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.93	98	362497	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.22	79	54562	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.68	63	238331	60.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	126703	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	127221	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

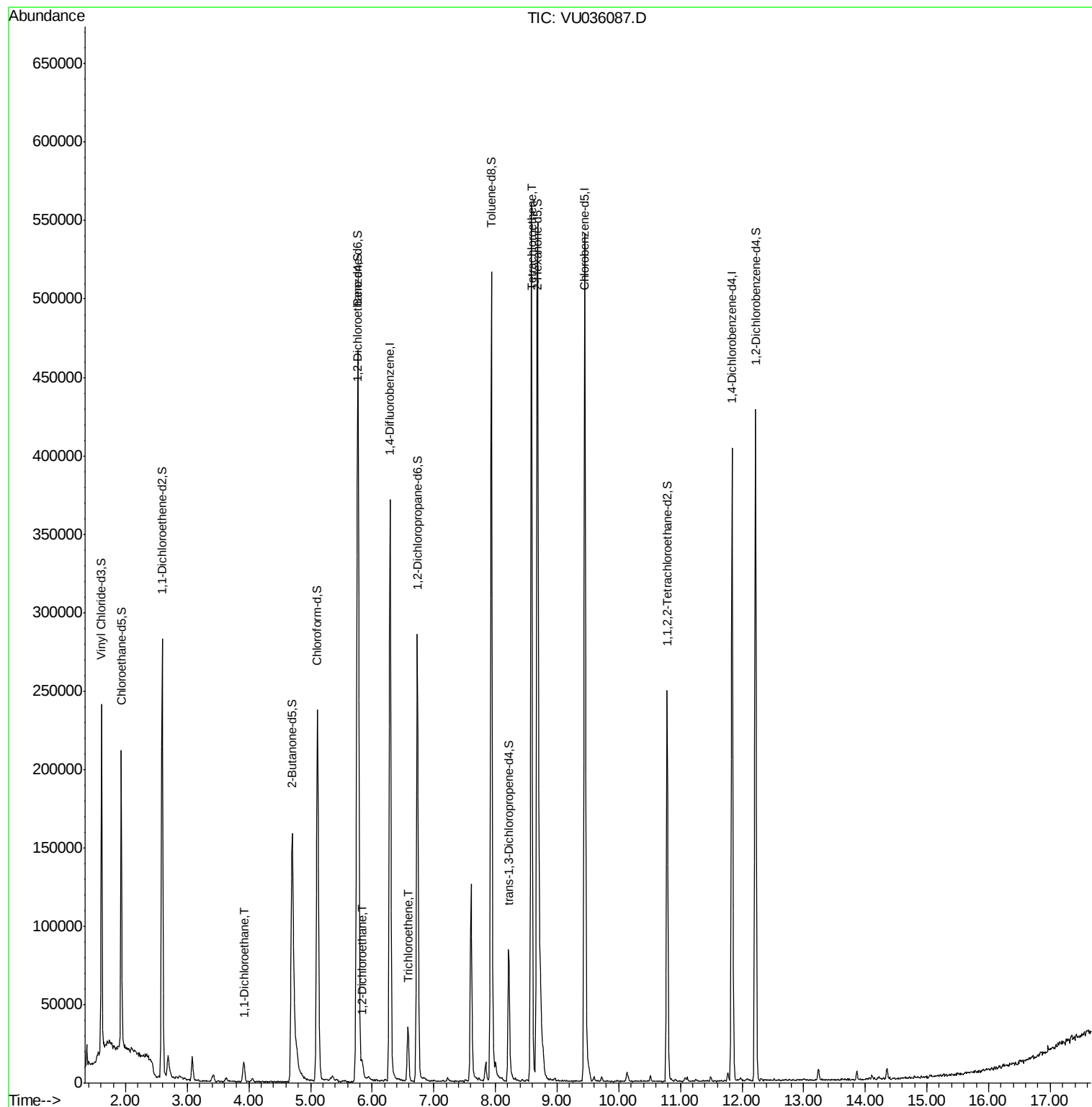
					Ovalue
19) 1,1-Dichloroethane	3.92	63	14290	0.345 ug/L	97
27) 1,2-Dichloroethane	5.84	62	6824	0.250 ug/L #	90
34) Trichloroethene	6.58	95	10899	0.437 ug/L	94
47) Tetrachloroethene	8.58	164	137471	5.804 ug/L	98

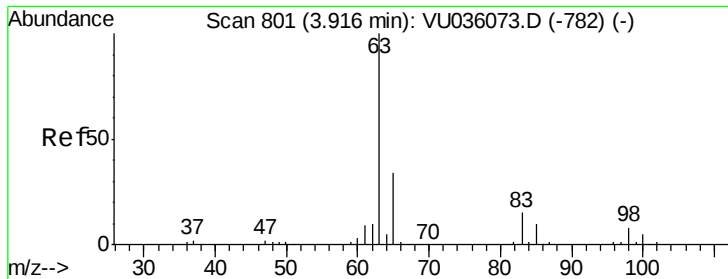
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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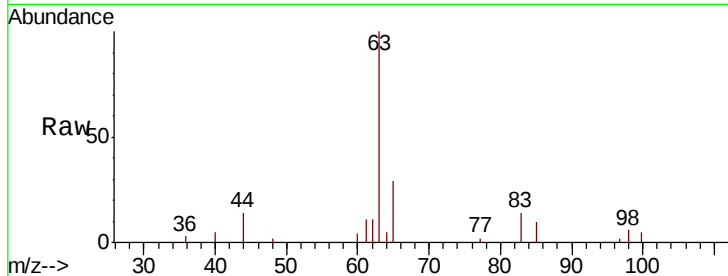




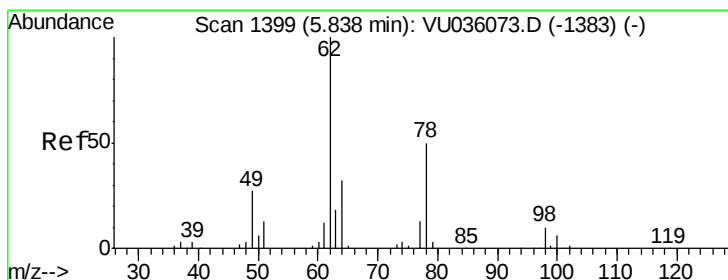
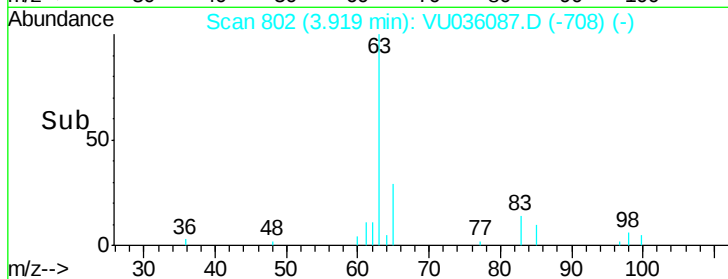
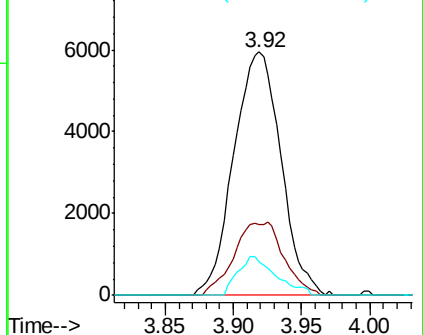
#19
 1,1-Dichloroethane
 Concen: 0.345 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU036087.D
 Acq: 10 Dec 2019 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE39DL

Tot Ion	63	Resp	14290
Ion Ratio	Lower	Upper	
63	100		
65	29.3	21.8	40.4
83	14.0	10.1	18.9

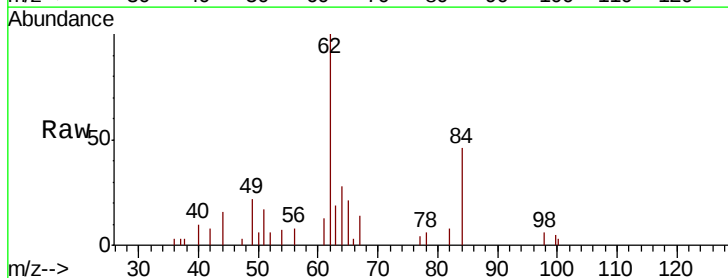


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

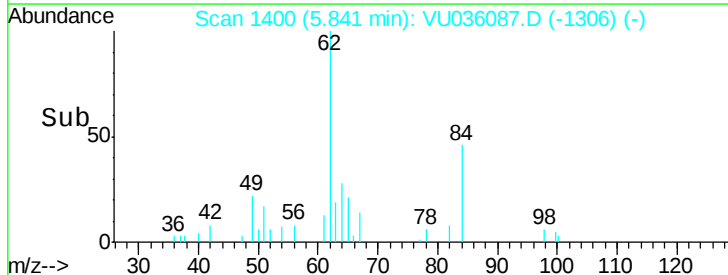
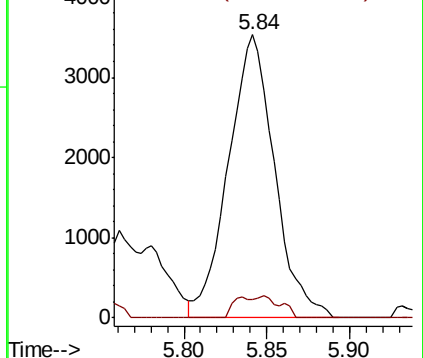


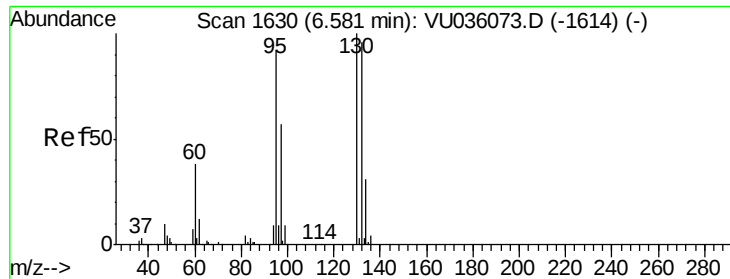
#27
 1,2-Dichloroethane
 Concen: 0.250 ug/L
 RT: 5.84 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: VU036087.D
 Acq: 10 Dec 2019 16:43

Tgt Ion	62	Resp	6824
Ion Ratio	Lower	Upper	
62	100		
98	6.3	8.2	12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

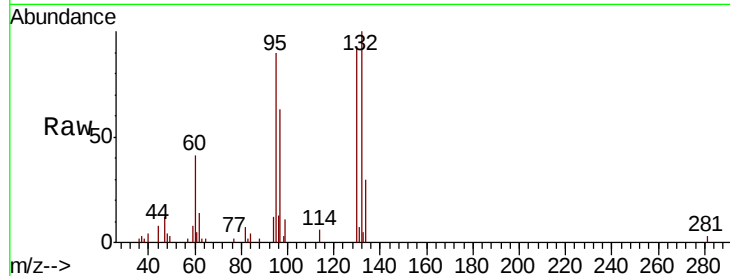




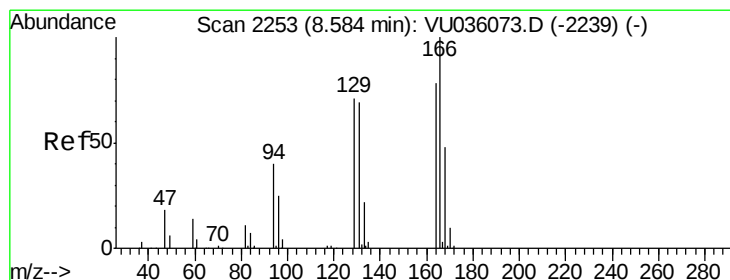
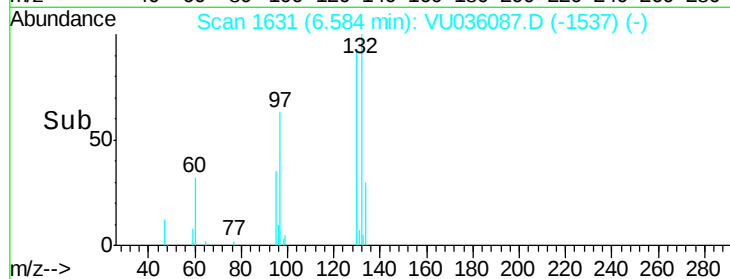
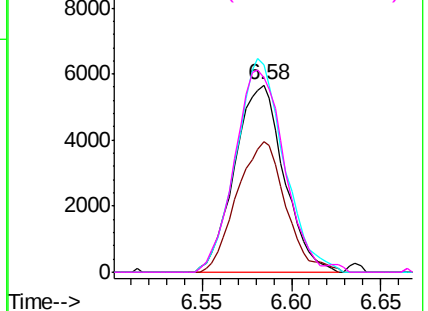
#34
 Trichloroethene
 Concen: 0.437 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU036087.D
 Acq: 10 Dec 2019 16:43

Instrument :
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Tot Ion: 95 Resp: 10899
 Ion Ratio Lower Upper
 95 100
 97 69.8 44.4 82.4
 132 111.1 73.4 136.4
 130 103.8 75.9 141.1

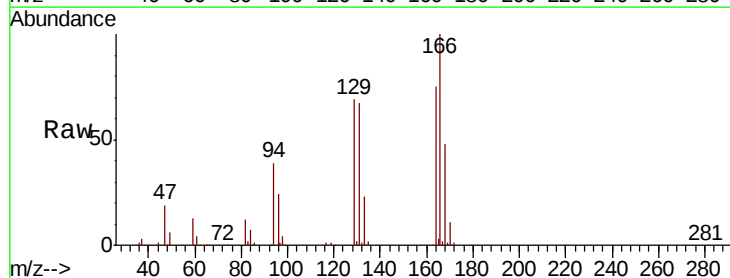


Abundance Ion 95.00 (94.70 to 95.70): VU036087.D (-1537) (-)
 Ion 96.95 (96.65 to 97.65): VU036087.D (-1537) (-)
 Ion 131.95 (131.65 to 132.65): VU036087.D (-1537) (-)
 Ion 129.95 (129.65 to 130.65): VU036087.D (-1537) (-)



#47
 Tetrachloroethene
 Concen: 5.804 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU036087.D
 Acq: 10 Dec 2019 16:43

Tgt Ion: 164 Resp: 137471
 Ion Ratio Lower Upper
 164 100
 129 92.1 63.1 117.3
 131 89.0 61.5 114.1
 166 133.1 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): VU036087.D (-2160) (-)
 Ion 128.95 (128.65 to 129.65): VU036087.D (-2160) (-)
 Ion 130.95 (130.65 to 131.65): VU036087.D (-2160) (-)
 Ion 165.90 (165.60 to 166.60): VU036087.D (-2160) (-)

