

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU022019\
 Data File : VU029577.D
 Acq On : 20 Feb 2019 13:51
 Operator : JC/SP
 Sample : K1522-03DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM4DL

Quant Time: Feb 26 00:45:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	209679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53191	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	53409	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.27	63	87700	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.19	46	173050	59.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.16%
24) Chloroform-d	4.64	84	106403	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	64013	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.34	84	228332	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.33	67	72252	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.56	98	212148	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	27855	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	172435	58.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	68168	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	98684	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

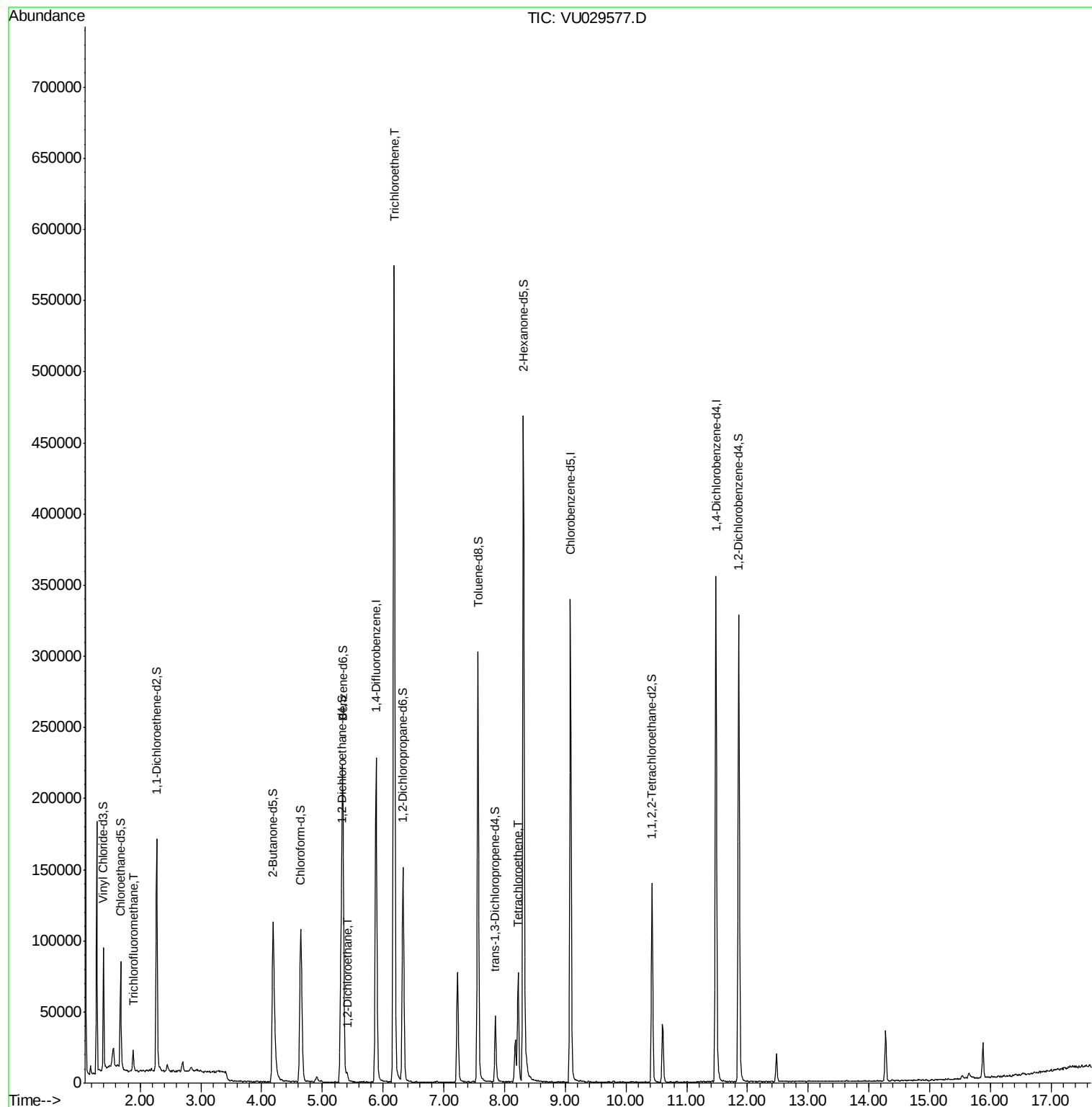
					Ovalue
9) Trichlorofluoromethane	1.88	101	7526	0.243 ug/L	97
27) 1,2-Dichloroethane	5.41	62	4518	0.282 ug/L	94
34) Trichloroethene	6.18	95	197599	11.783 ug/L	98
47) Tetrachloroethene	8.22	164	18411	1.199 ug/L	94

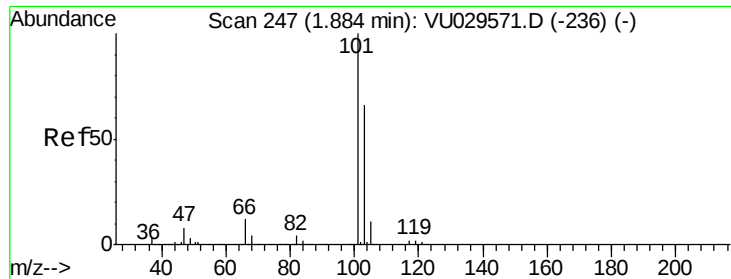
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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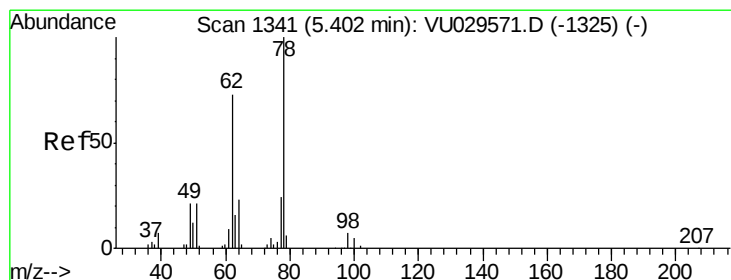
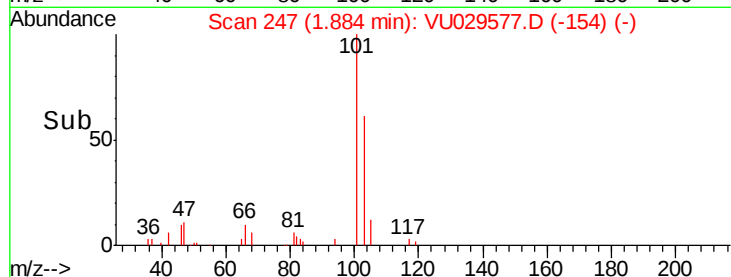
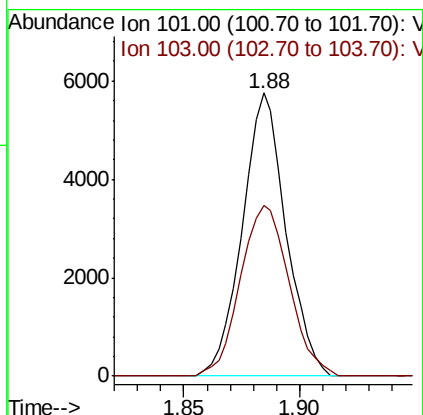
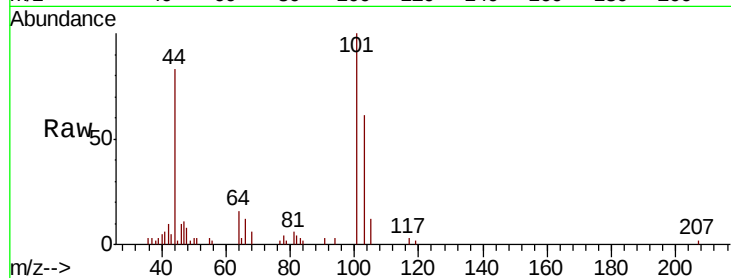


#9

Trichlorofluoromethane
 Concen: 0.243 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029577.D
 Acq: 20 Feb 2019 13:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM4DL

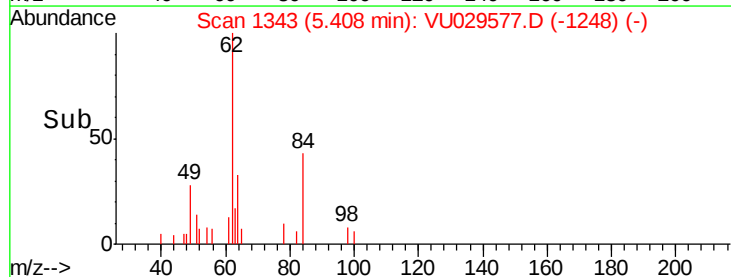
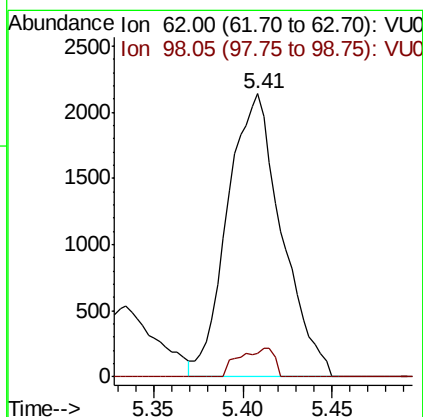
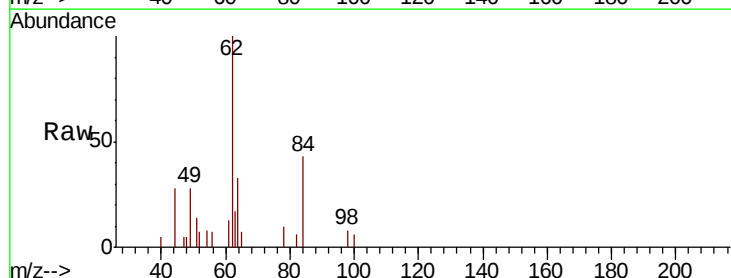
Tot Ion:101 Resp: 7526
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.1 78.1

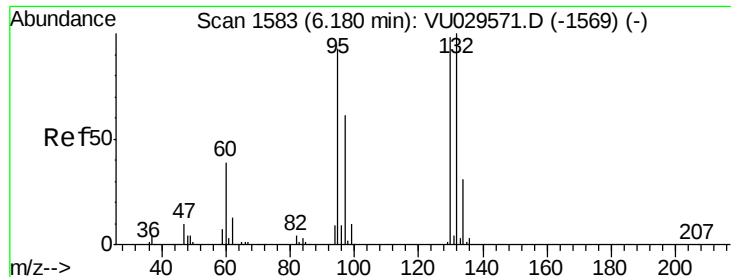


#27

1,2-Dichloroethane
 Concen: 0.282 ug/L
 RT: 5.41 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: VU029577.D
 Acq: 20 Feb 2019 13:51

Tgt Ion: 62 Resp: 4518
 Ion Ratio Lower Upper
 62 100
 98 8.4 8.4 12.6

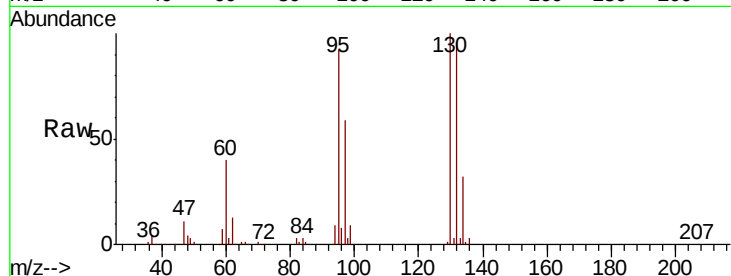




#34
 Trichloroethene
 Concen: 11.783 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029577.D
 Acq: 20 Feb 2019 13:51

Instrument :
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Tot Ion	95	Resp	197599
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.3	86.1
132	104.3	72.9	135.3
130	109.1	79.2	147.0



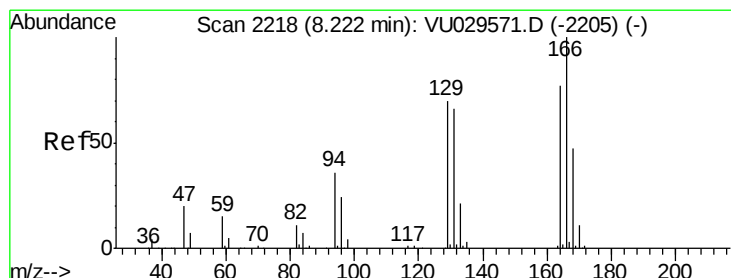
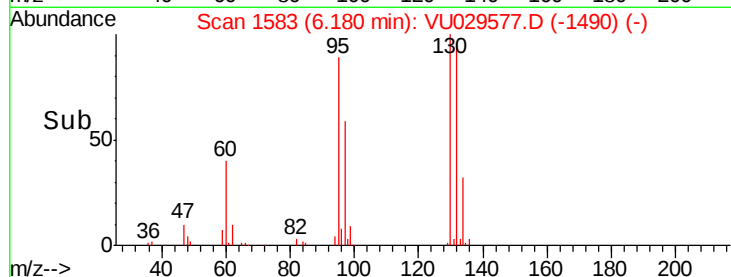
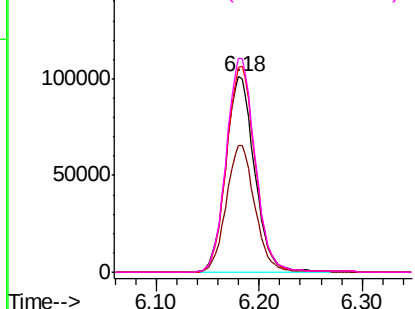
Abundance

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



#47
 Tetrachloroethene
 Concen: 1.199 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU029577.D
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Tgt Ion	164	Resp	18411
Ion	Ratio	Lower	Upper
164	100		
129	85.2	62.9	116.9
131	80.9	62.1	115.3
166	121.4	89.8	166.8

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

