

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029551.D
 Acq On : 19 Feb 2019 13:41
 Operator : JC/SP
 Sample : K1522-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM3DL

Quant Time: Feb 20 01:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47275	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.64	69	37736	3.11	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.20%#
11) 1,1-Dichloroethene-d2	2.25	63	88058	2.95	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.19	46	156787	54.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.68%
24) Chloroform-d	4.64	84	100041	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.30	65	58356	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.33	84	214571	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.32	67	67350	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.56	98	207586	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	27946	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	177221	58.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69438	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	107102	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

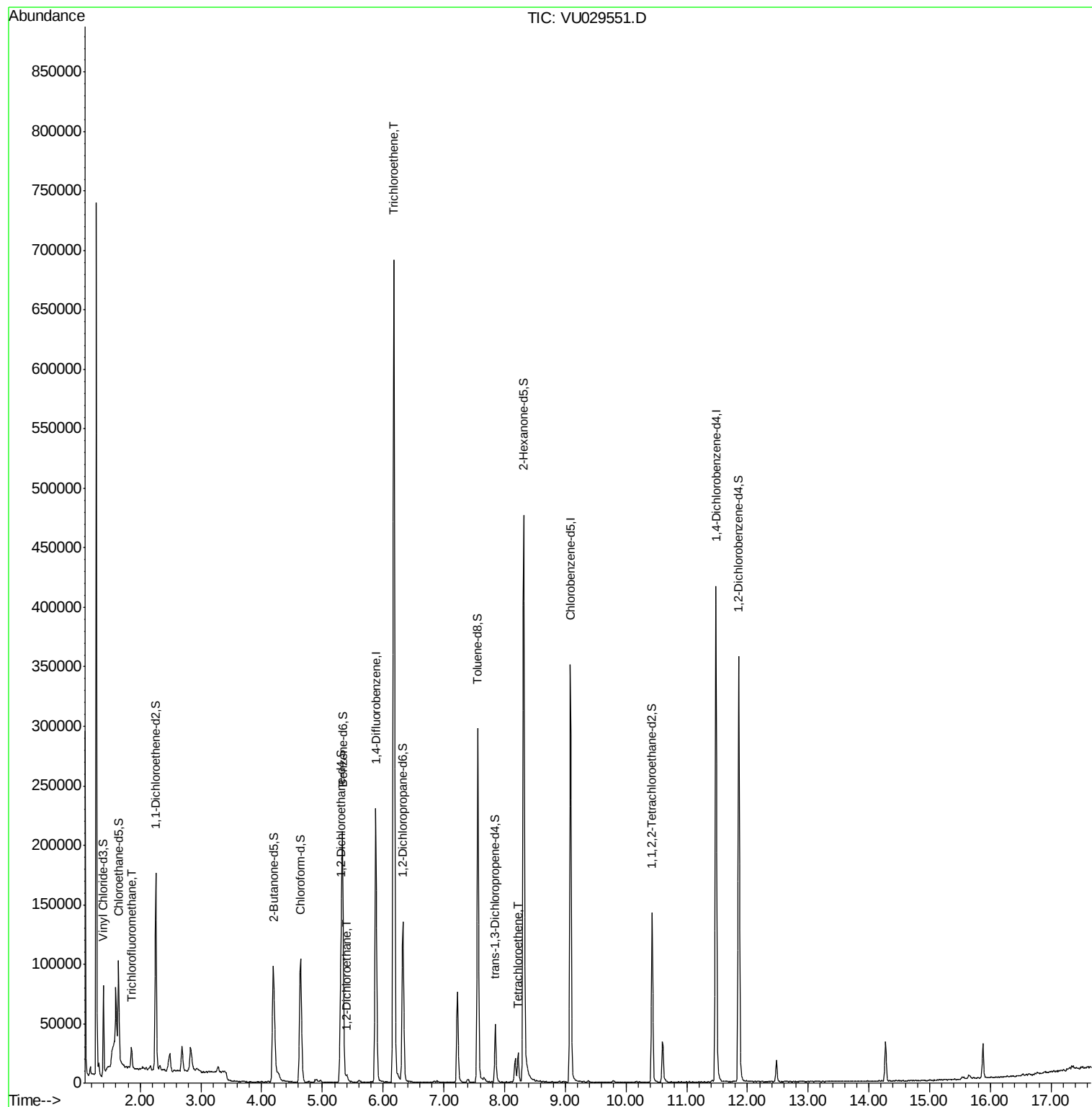
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.86	101	8980	0.298	ug/L	96
27) 1,2-Dichloroethane	5.40	62	4068	0.260	ug/L	97
34) Trichloroethene	6.18	95	235007	13.776	ug/L	98
47) Tetrachloroethene	8.22	164	5426	0.347	ug/L	93

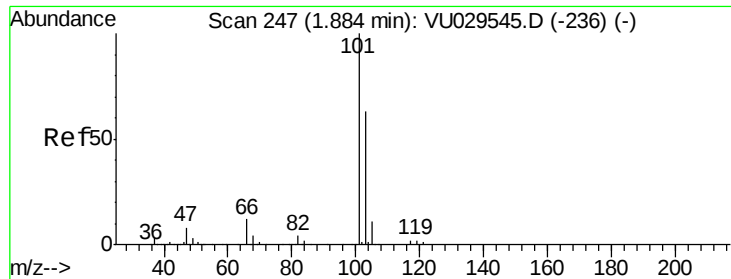
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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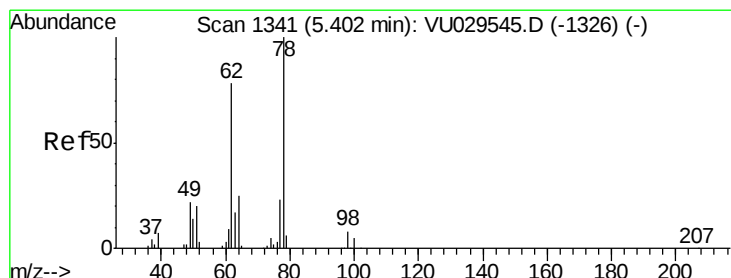
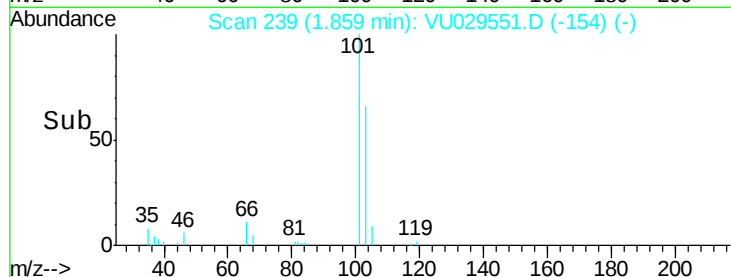
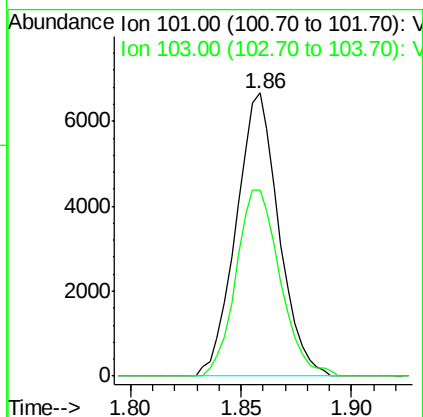
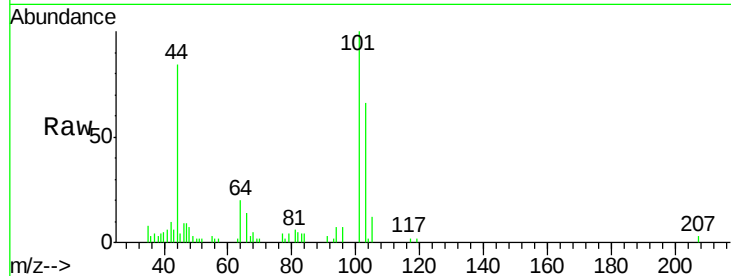


#9

Trichlorofluoromethane
 Concen: 0.298 ug/L
 RT: 1.86 min Scan# 239
 Delta R.T. -0.03 min
 Lab File: VU029551.D
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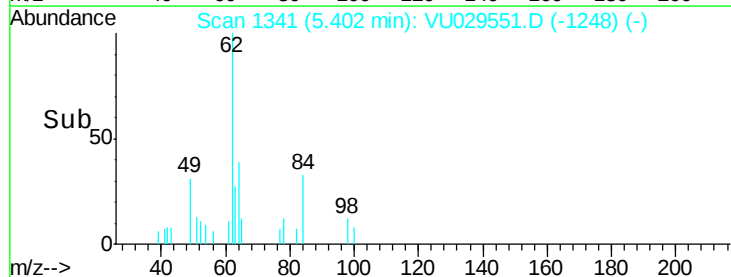
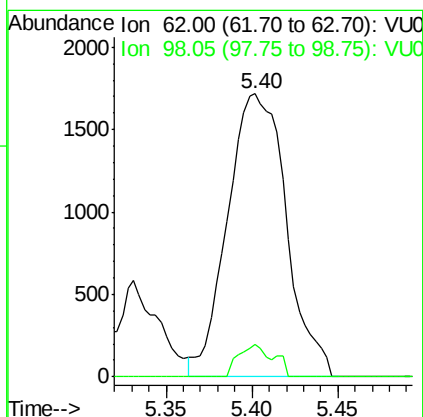
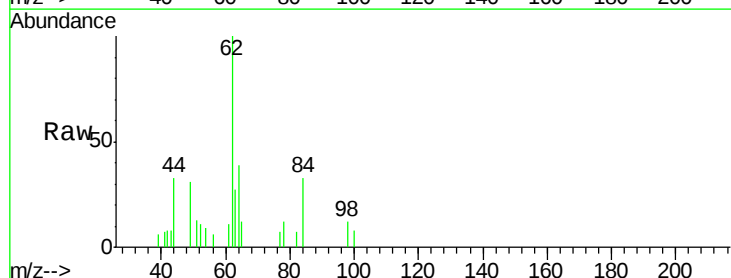
Tot Ion:101 Resp: 8980
 Ion Ratio Lower Upper
 101 100
 103 68.0 52.1 78.1

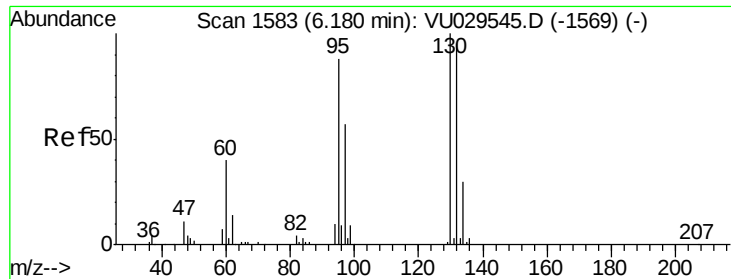


#27

1,2-Dichloroethane
 Concen: 0.260 ug/L
 RT: 5.40 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VU029551.D
 Acq: 19 Feb 2019 13:41

Tgt Ion: 62 Resp: 4068
 Ion Ratio Lower Upper
 62 100
 98 11.6 8.4 12.6

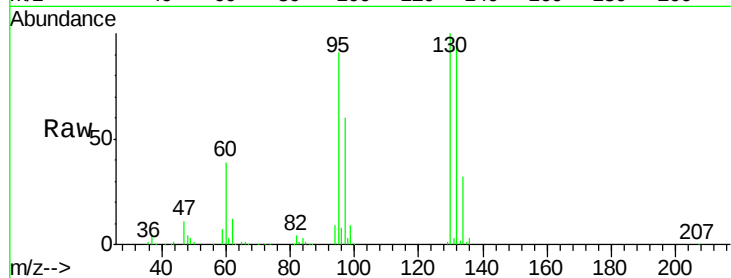




#34
 Trichloroethene
 Concen: 13.776 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU029551.D
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Tot Ion:	95	Resp:	235007
Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.3	86.1
132	105.3	72.9	135.3
130	110.0	79.2	147.0



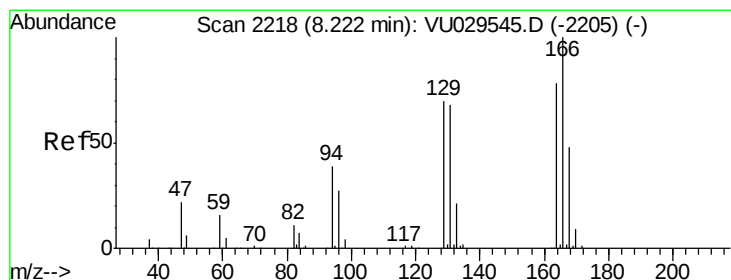
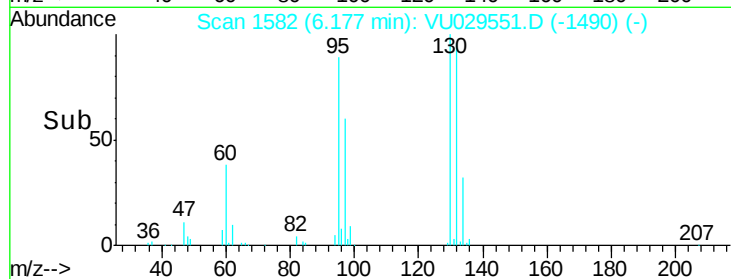
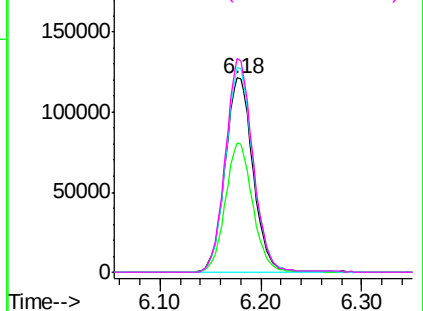
Abundance

Ion 95.00 (94.70 to 95.70): VU029551.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU029551.D (-1490) (-)

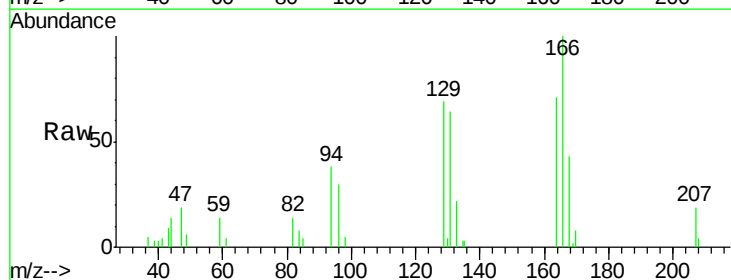
Ion 131.95 (131.65 to 132.65): VU029551.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU029551.D (-1490) (-)



#47
 Tetrachloroethene
 Concen: 0.347 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU029551.D
 Acq: 19 Feb 2019 13:41

Tgt Ion:	164	Resp:	5426
Ion	Ratio	Lower	Upper
164	100		
129	97.1	62.9	116.9
131	89.4	62.1	115.3
166	140.4	89.8	166.8



Abundance

Ion 163.90 (163.60 to 164.60): VU029551.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU029551.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU029551.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU029551.D (-2125) (-)

