

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032085.D
 Acq On : 17 May 2019 07:01
 Operator : JC/SP
 Sample : K2859-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W26

Quant Time: May 17 12:46:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	384392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142775	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	120848	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	200509	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.20	46	284840	44.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	4.64	84	252490	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	129433	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	529555	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.32	67	153437	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.56	98	442671	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.85	79	48359	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	287053	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124804	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	163126	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

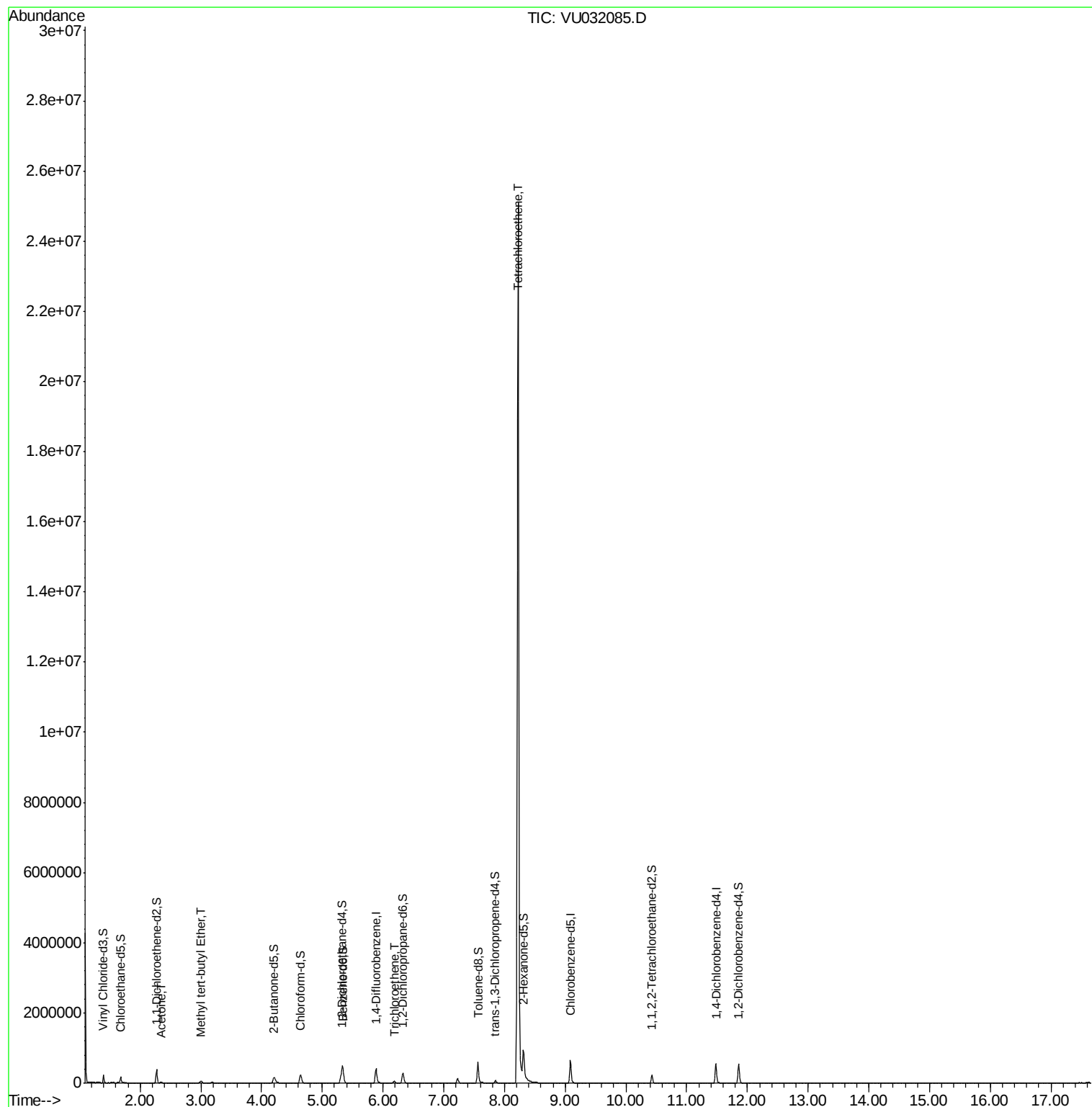
					Ovalue
13) Acetone	2.34	43	4369	2.094	ug/L 77
17) Methyl tert-butyl Ether	3.00	73	45788	1.262	ug/L 97
34) Trichloroethene	6.19	95	21009	1.235	ug/L 97
47) Tetrachloroethene	8.22	164	6159285	484.523	ug/L 95

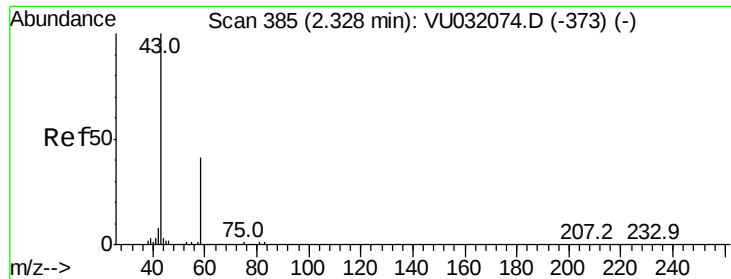
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.094 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU032085.D

Acq: 17 May 2019 07:01

Instrument :

MSVOA_U

ClientSampleId :

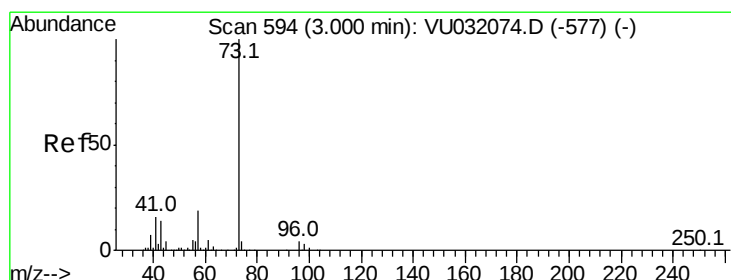
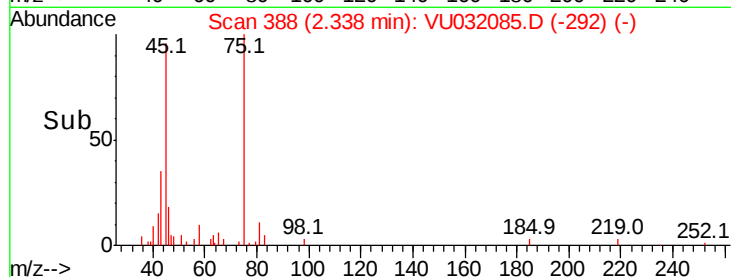
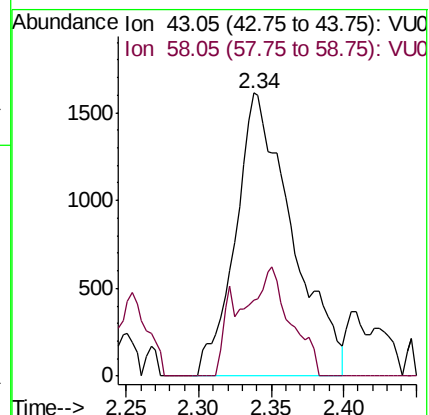
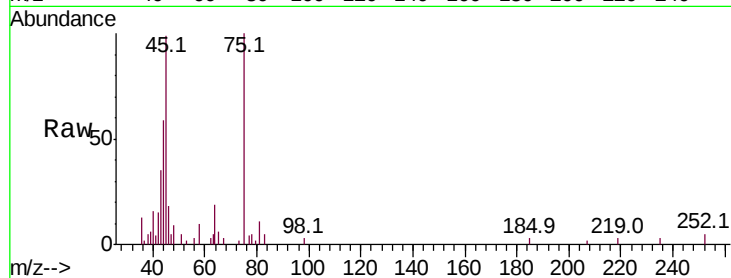
F9W26

Tot Ion: 43 Resp: 4369

Ion Ratio Lower Upper

43 100

58 25.0 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 1.262 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032085.D

Acq: 17 May 2019 07:01

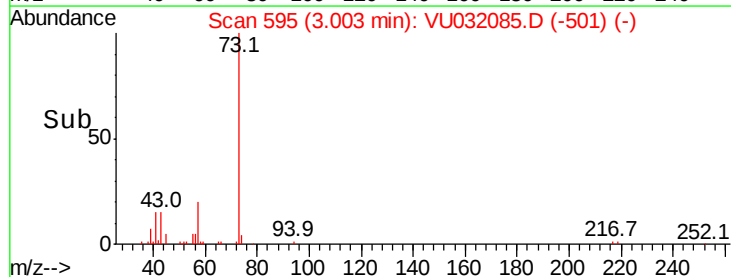
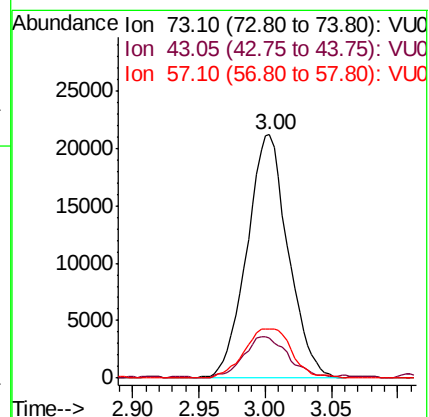
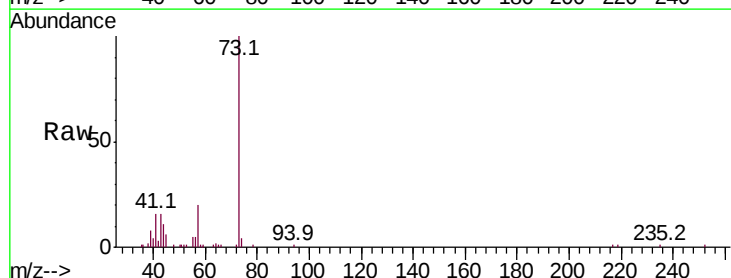
Tgt Ion: 73 Resp: 45788

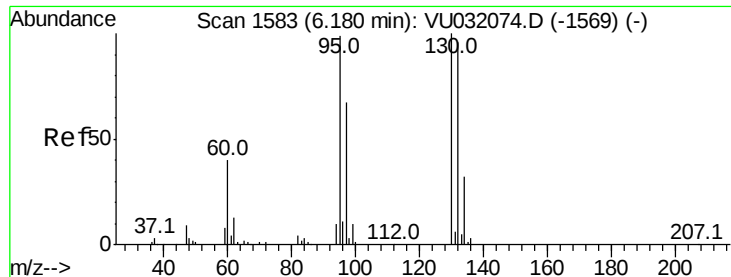
Ion Ratio Lower Upper

73 100

43 18.6 13.0 19.6

57 23.0 17.9 26.9

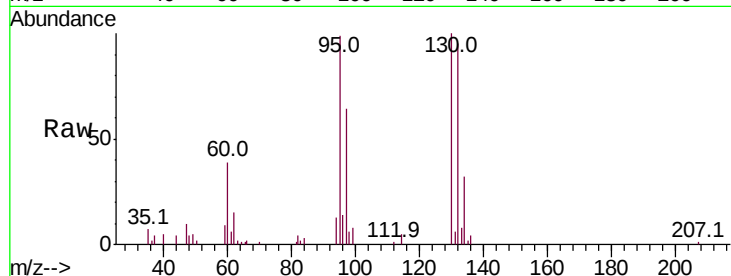




#34
 Trichloroethene
 Concen: 1.235 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032085.D
 Acq: 17 May 2019 07:01

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W26

Tot Ion:	95	Resp:	21009
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	95.7	66.1	122.7
130	100.8	66.7	123.9



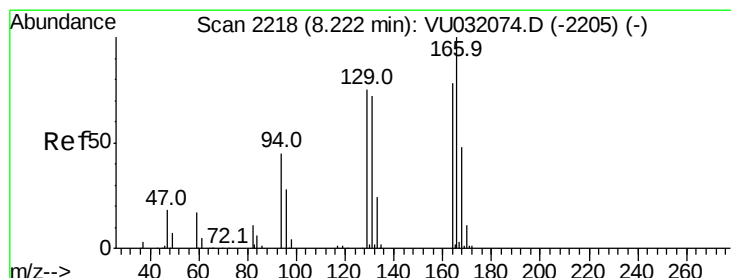
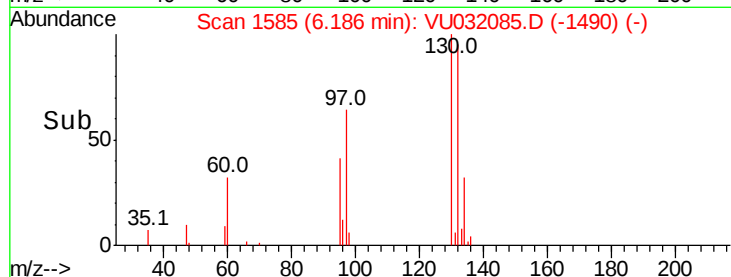
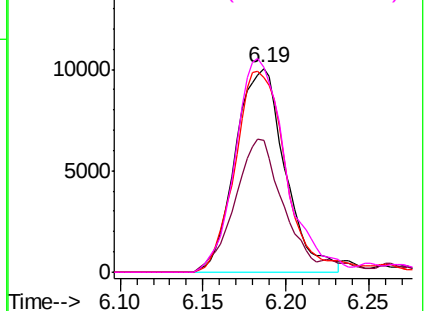
Abundance

Ion 95.00 (94.70 to 95.70): VU032074.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032074.D (-1569) (-)

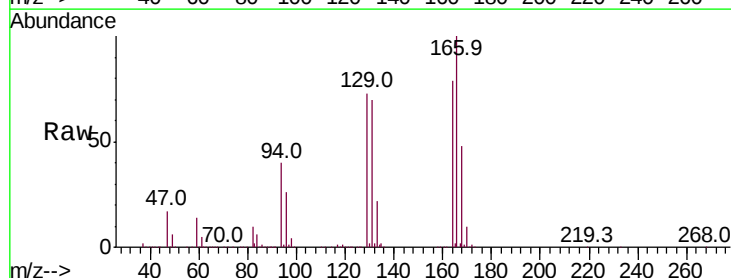
Ion 131.95 (131.65 to 132.65): VU032074.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032074.D (-1569) (-)



#47
 Tetrachloroethene
 Concen: 484.523 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU032085.D
 Acq: 17 May 2019 07:01

Tgt Ion:	164	Resp:	6159285
Ion	Ratio	Lower	Upper
164	100		
129	92.6	70.3	130.5
131	88.9	64.5	119.9
166	127.4	92.3	171.5



Abundance

Ion 163.90 (163.60 to 164.60): VU032074.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU032074.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU032074.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU032074.D (-2205) (-)

