

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032489.D
 Acq On : 06 Jun 2019 12:12
 Operator : JC/SP
 Sample : K3213-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MSD

Quant Time: Jun 07 04:42:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217318	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	203157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47974	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.06%
7) Chloroethane-d5	1.67	69	44650	39.41	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.82%
11) 1,1-Dichloroethene-d2	2.27	63	113399	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
21) 2-Butanone-d5	4.17	46	114465	97.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.01%
24) Chloroform-d	4.64	84	115715	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.30	65	77936	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
32) Benzene-d6	5.33	84	243037	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
36) 1,2-Dichloropropane-d6	6.32	67	76953	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.56	98	233206	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	37717	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.32%
47) 2-Hexanone-d5	8.31	63	77022	96.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113993	47.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	99310	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

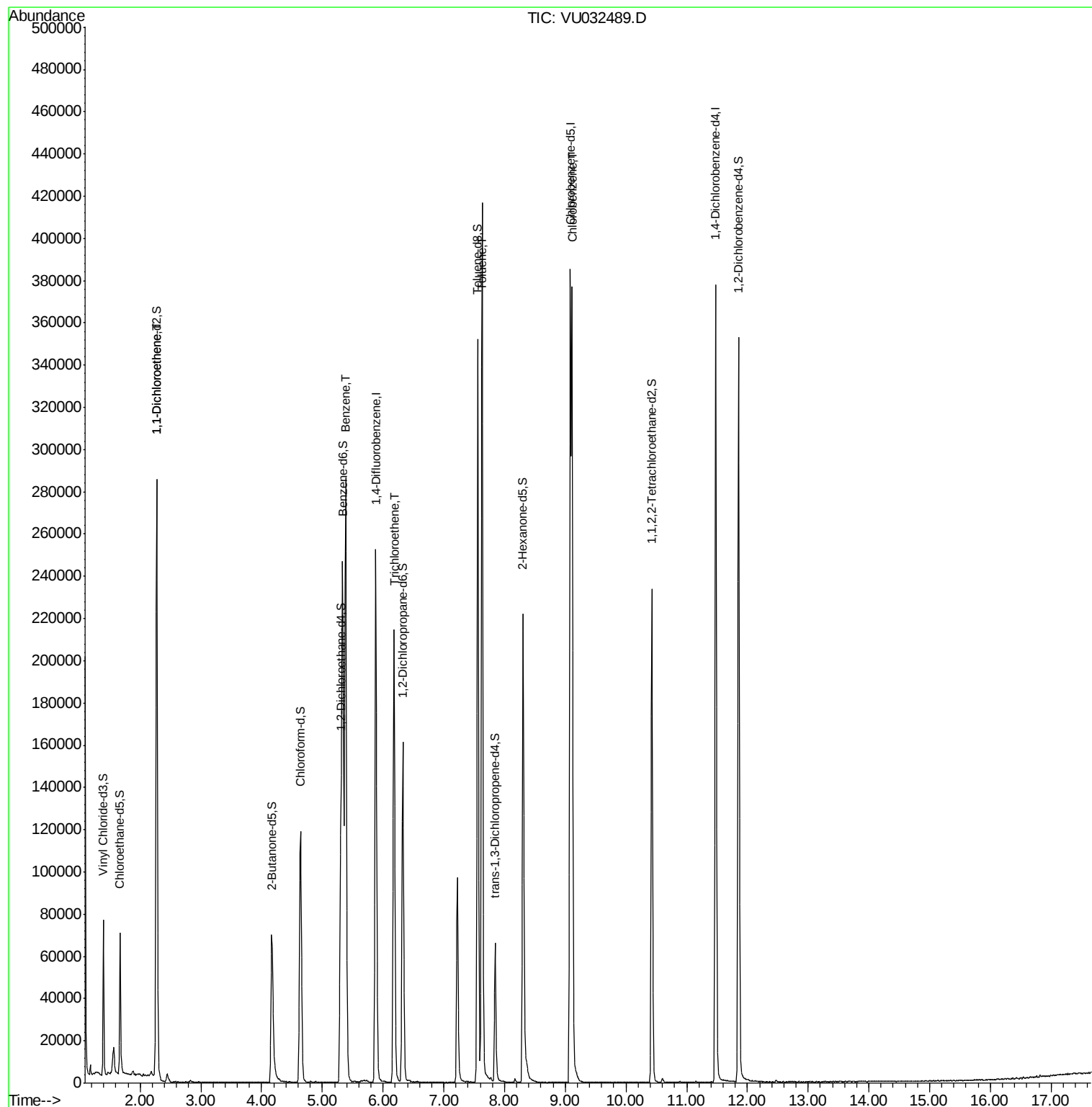
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.28	96	61585	47.759 ug/L	85
33) Benzene	5.38	78	278660	48.819 ug/L	100
34) Trichloroethene	6.18	95	72367	46.600 ug/L	98
42) Toluene	7.63	91	302370	48.369 ug/L	98
51) Chlorobenzene	9.11	112	197640	49.073 ug/L	100

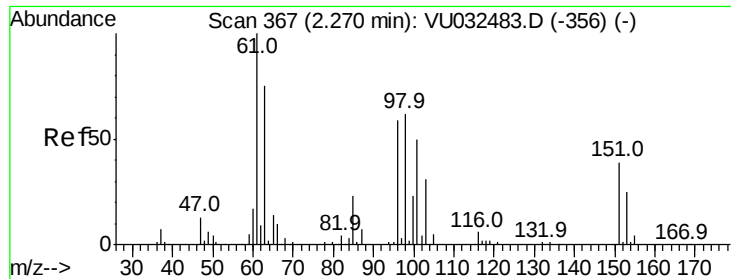
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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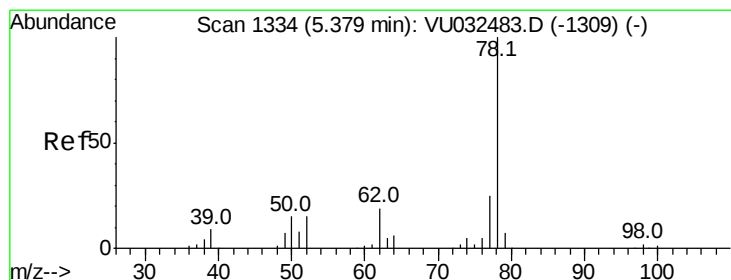
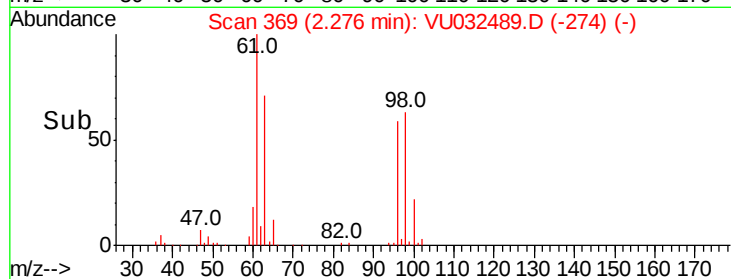
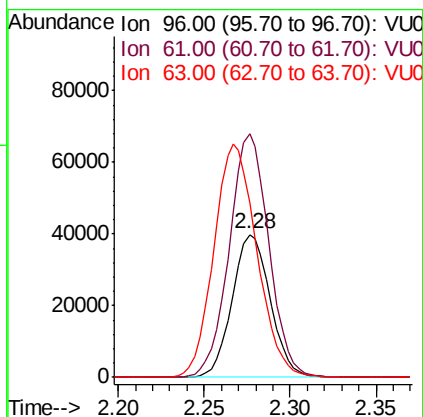
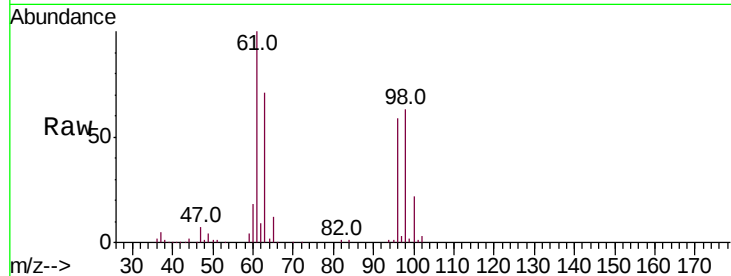




#12
 1,1-Dichloroethene
 Concen: 47.759 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VU032489.D
 Acq: 06 Jun 2019 12:12

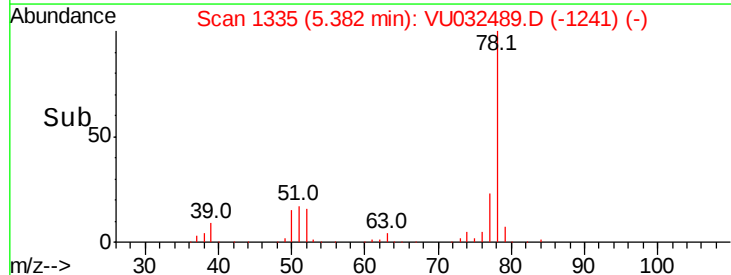
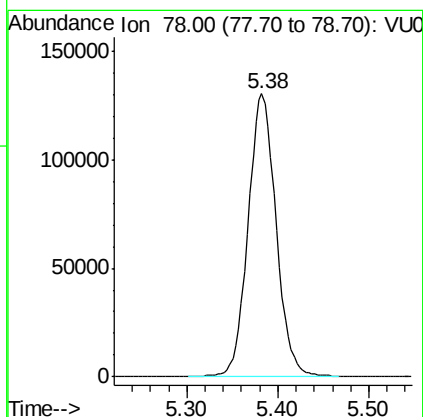
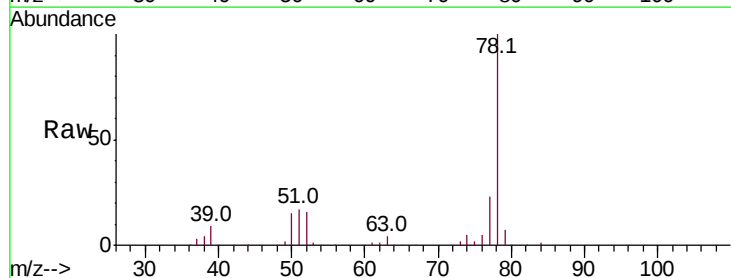
Instrument :
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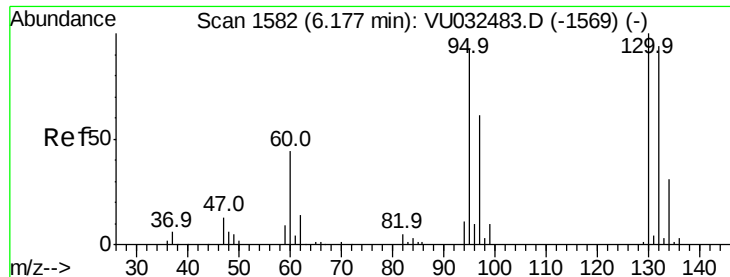
Tot Ion: 96 Resp: 61585
 Ion Ratio Lower Upper
 96 100
 61 170.2 129.5 240.5
 63 121.6 103.4 192.0



#33
 Benzene
 Concen: 48.819 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VU032489.D
 Acq: 06 Jun 2019 12:12

Tgt Ion: 78 Resp: 278660





#34

Trichloroethene

Concen: 46.600 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032489.D

Acq: 06 Jun 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

DB8H8MSD

Tot Ion: 95 Resp: 72367

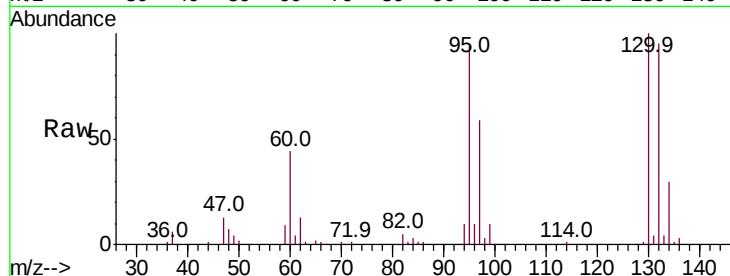
Ion Ratio Lower Upper

95 100

97 62.7 45.8 85.2

132 100.6 71.0 131.8

130 106.0 73.4 136.2

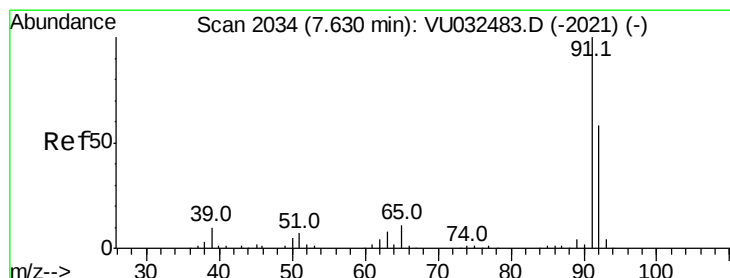
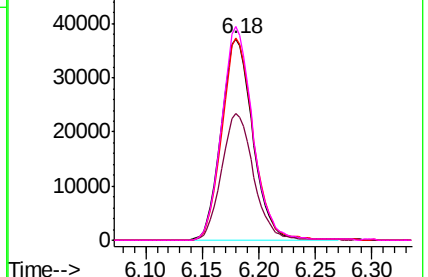
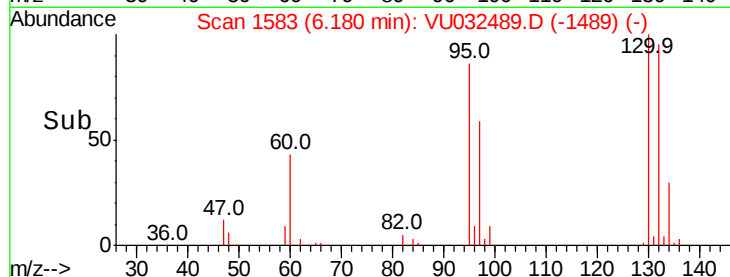


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 48.369 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032489.D

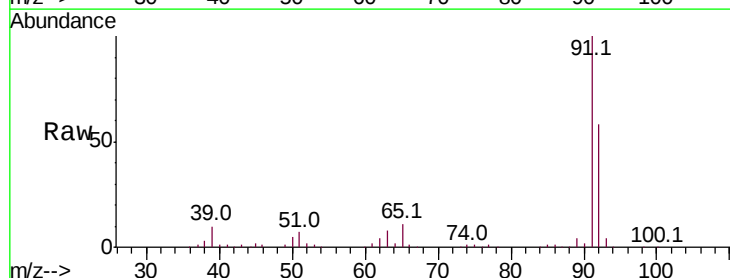
Acq: 06 Jun 2019 12:12

Tgt Ion: 91 Resp: 302370

Ion Ratio Lower Upper

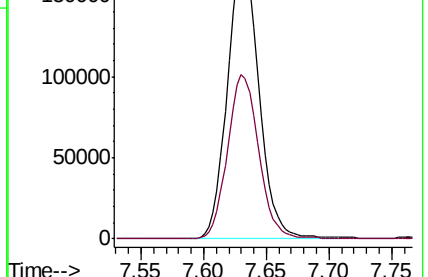
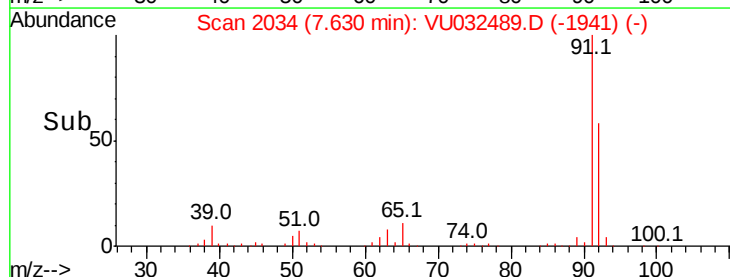
91 100

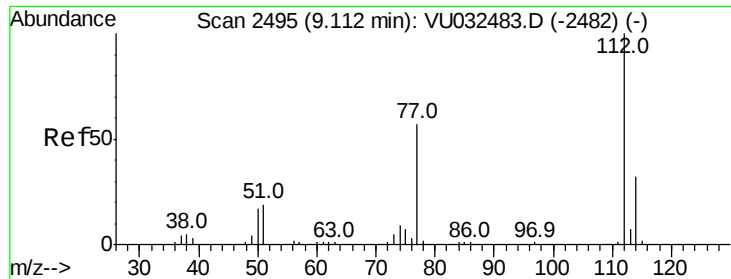
92 57.9 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 49.073 ug/L
 RT: 9.11 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: VU032489.D
 Acq: 06 Jun 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	57.6	46.1	69.1

