

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062919\
 Data File : VU033071.D
 Acq On : 28 Jun 2019 14:18
 Operator : JC/SP
 Sample : K3597-04MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM62MS

Quant Time: Jun 29 00:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:32:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	19676	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.68	69	18988	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.27	63	49924	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.19	46	93426	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.64	84	51498	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.31	65	30894	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.33	84	92378	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.32	67	31915	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.56	98	82045	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	7.85	79	12943	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	64268	47.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29365	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	37815	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

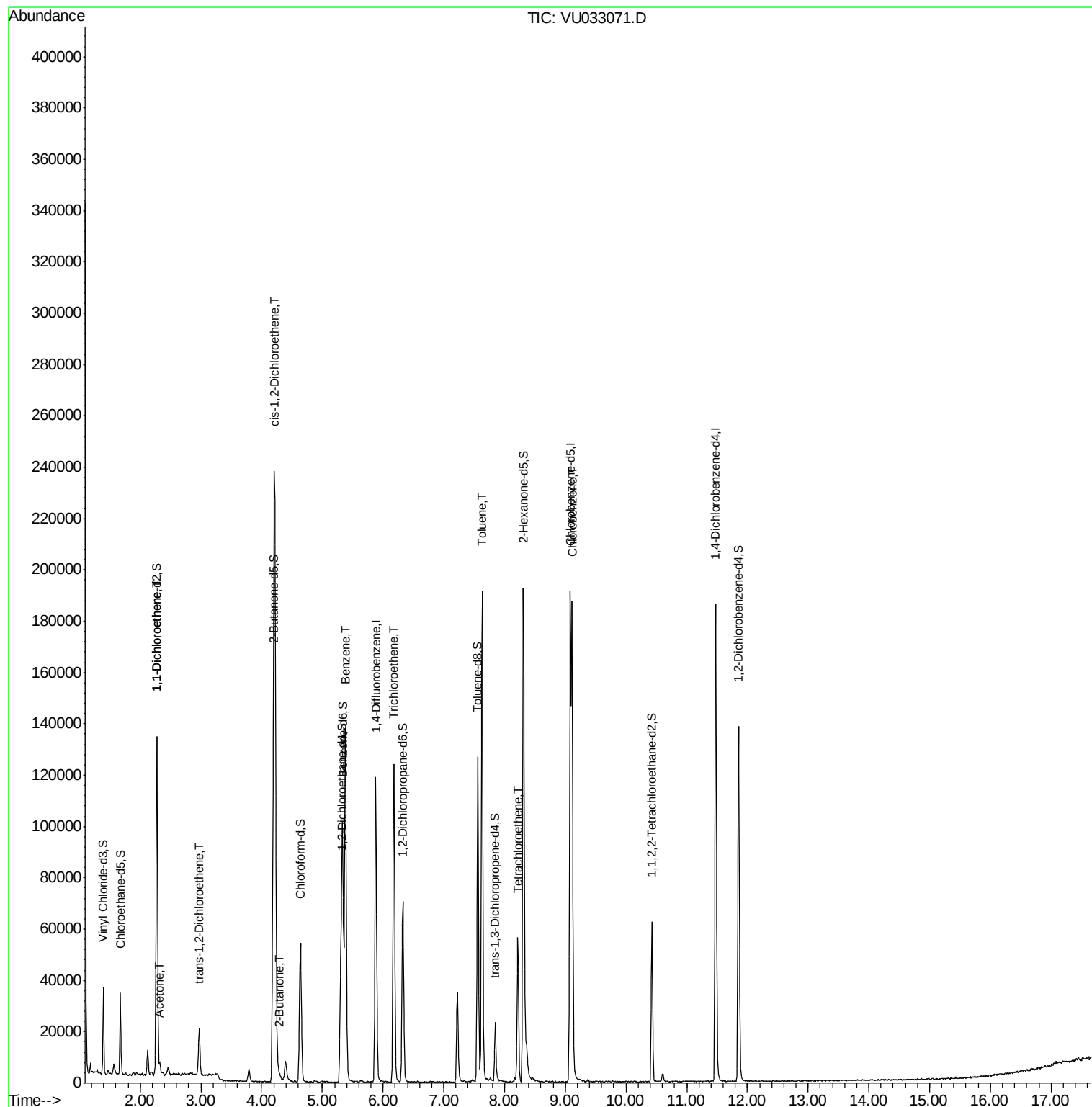
					Ovalue
12) 1,1-Dichloroethene	2.28	96	27775	4.404 ug/L	92
13) Acetone	2.32	43	5127	3.178 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	6265	0.907 ug/L	93
21) 2-Butanone	4.29	43	2708	1.192 ug/L #	72
22) cis-1,2-Dichloroethene	4.22	96	114960	15.329 ug/L	98
33) Benzene	5.38	78	128412	4.529 ug/L	100
34) Trichloroethene	6.18	95	40272	5.187 ug/L	99
42) Toluene	7.63	91	132129	4.363 ug/L	100
47) Tetrachloroethene	8.22	164	12340	1.976 ug/L	98
51) Chlorobenzene	9.11	112	88580	4.427 ug/L	99

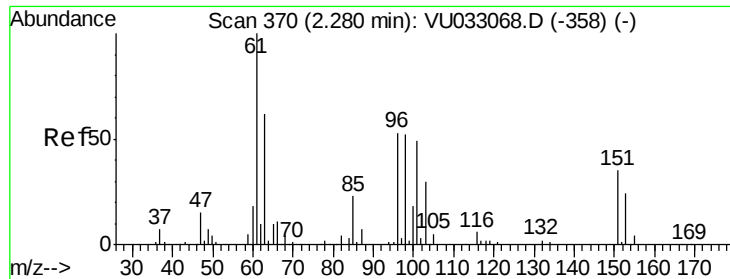
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.404 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU033071.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

GAM62MS

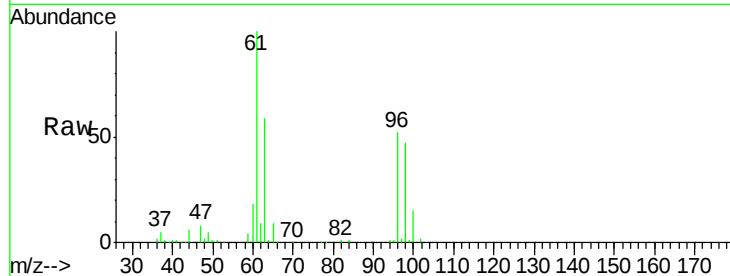
Tot Ion: 96 Resp: 27775

Ion Ratio Lower Upper

96 100

61 193.2 137.6 255.6

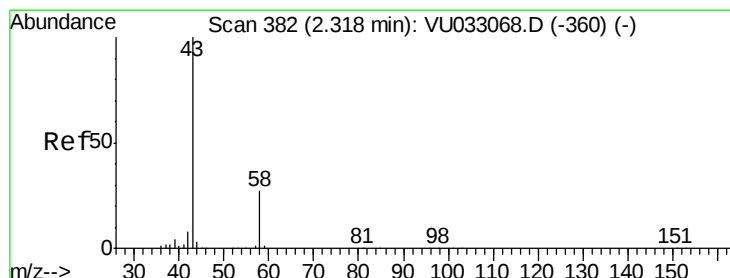
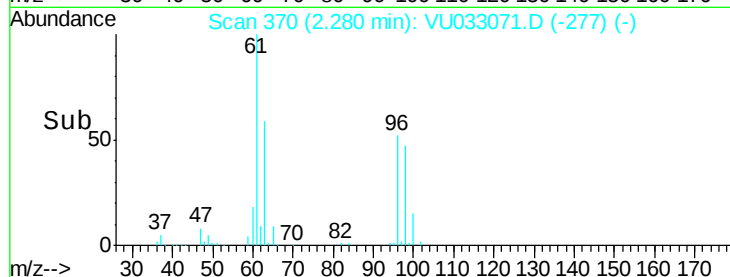
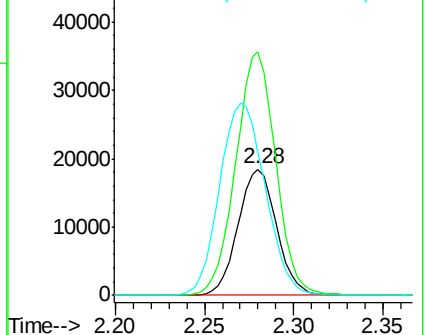
63 114.4 94.4 175.2



Abundance Ion 96.00 (95.70 to 96.70): VU033068.D (-358) (-)

Ion 61.05 (60.75 to 61.75): VU033068.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU033068.D (-358) (-)



#13

Acetone

Concen: 3.178 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033071.D

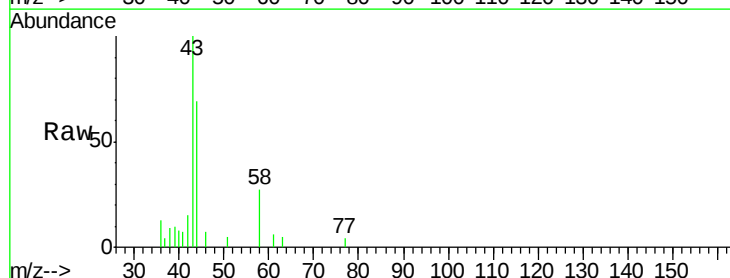
Acq: 28 Jun 2019 14:18

Tgt Ion: 43 Resp: 5127

Ion Ratio Lower Upper

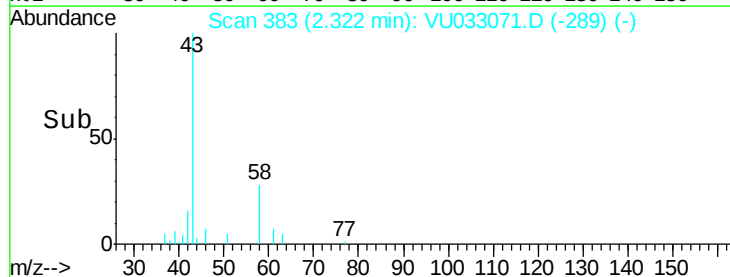
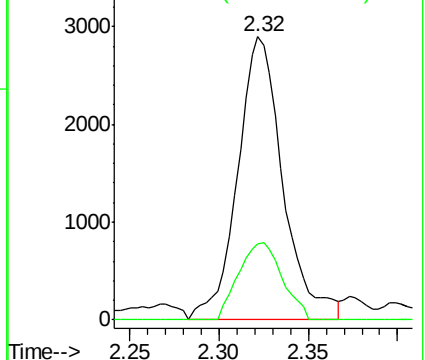
43 100

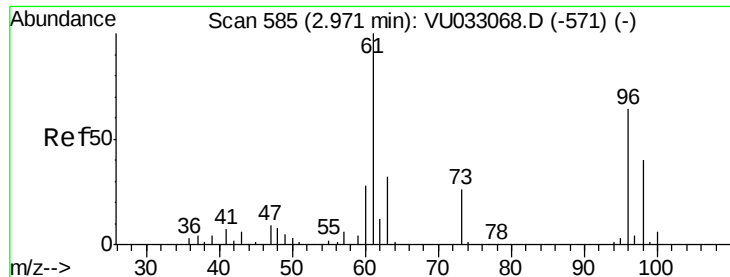
58 26.3 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU033068.D (-360) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.907 ug/L

RT: 2.97 min Scan# 585

Delta R.T. 0.00 min

Lab File: VU033071.D

Acq: 28 Jun 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

GAM62MS

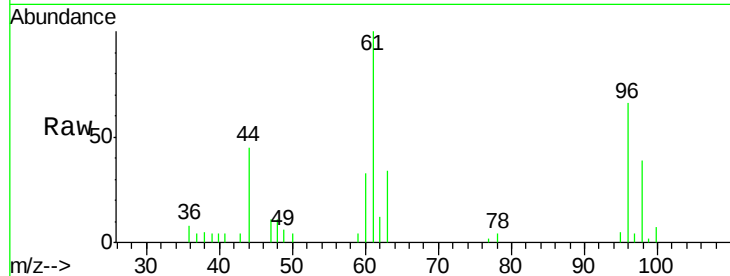
Tot Ion: 96 Resp: 6265

Ion Ratio Lower Upper

96 100

61 151.0 112.2 208.4

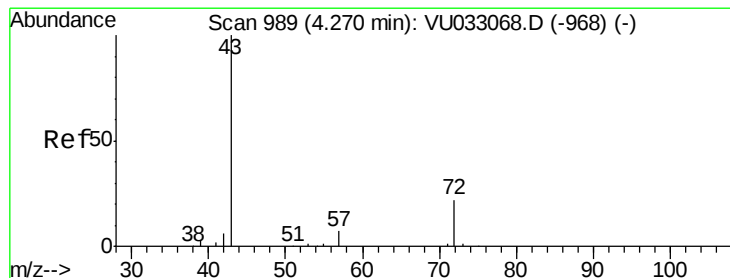
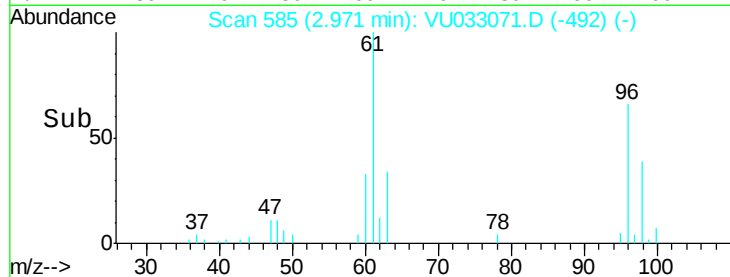
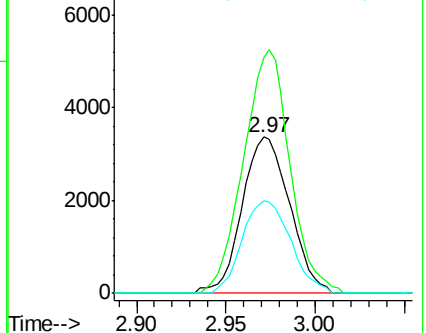
98 58.9 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU033071.D (-492) (-)

Ion 61.05 (60.75 to 61.75): VU033071.D (-492) (-)

Ion 97.95 (97.65 to 98.65): VU033071.D (-492) (-)



#21

2-Butanone

Concen: 1.192 ug/L

RT: 4.29 min Scan# 996

Delta R.T. 0.02 min

Lab File: VU033071.D

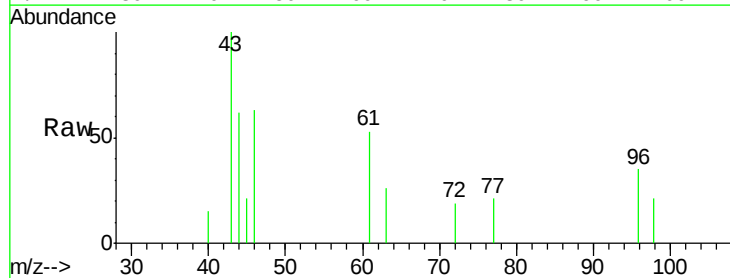
Acq: 28 Jun 2019 14:18

Tgt Ion: 43 Resp: 2708

Ion Ratio Lower Upper

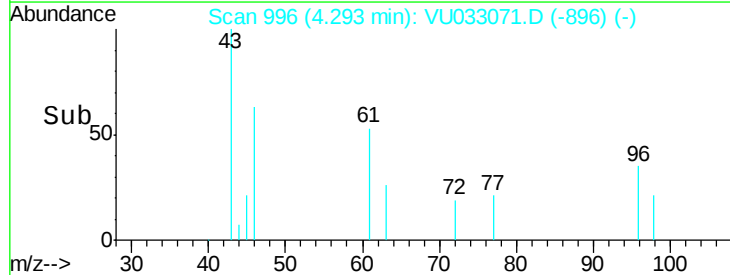
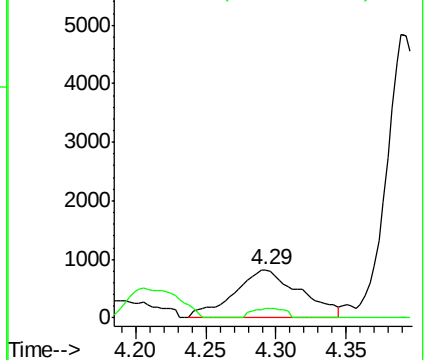
43 100

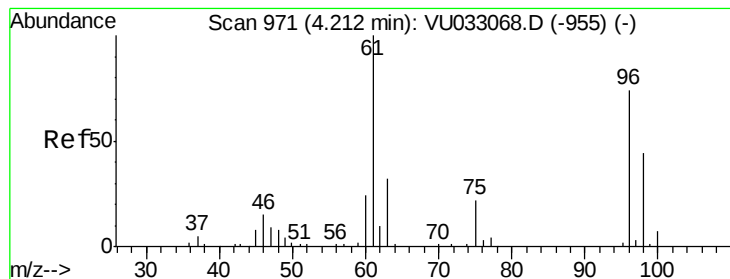
72 9.5 11.5 34.5#



Abundance Ion 43.05 (42.75 to 43.75): VU033071.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033071.D (-896) (-)



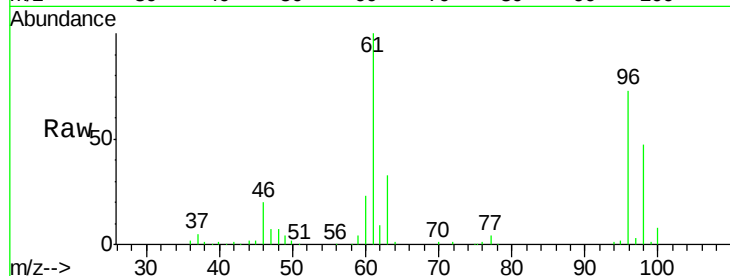


#22

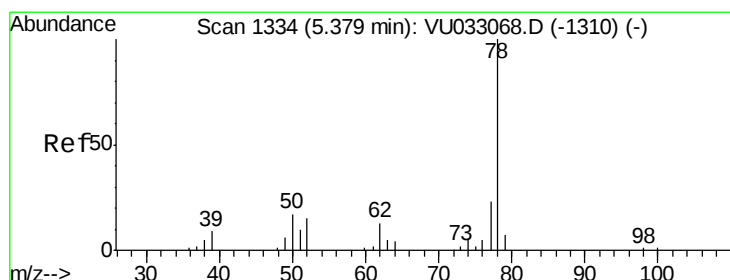
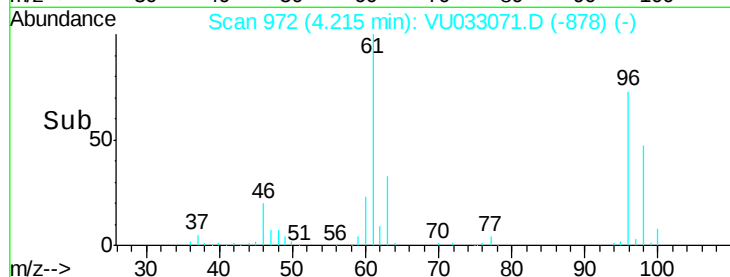
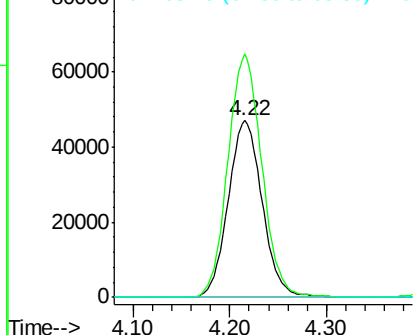
cis-1,2-Dichloroethene
 Concen: 15.329 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VU033071.D
 Acq: 28 Jun 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM62MS

Tot Ion: 96 Resp: 114960
 Ion Ratio Lower Upper
 96 100
 61 137.8 94.6 175.8
 68 0.0 0.0 0.0



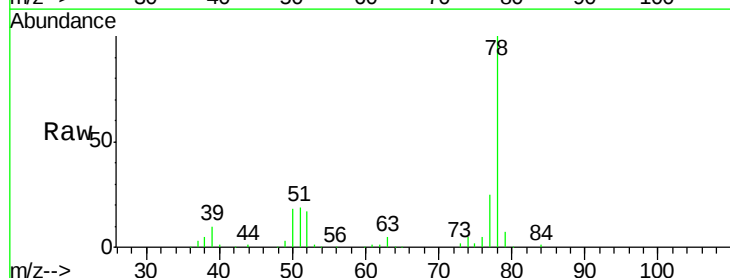
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



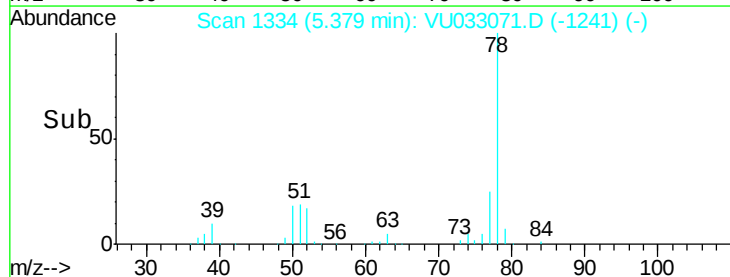
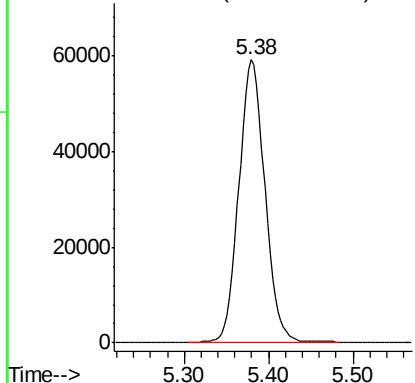
#33

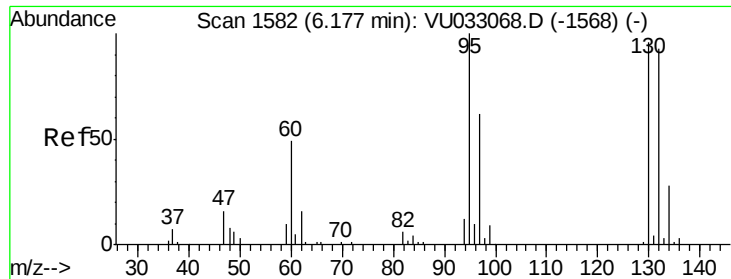
Benzene
 Concen: 4.529 ug/L
 RT: 5.38 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VU033071.D
 Acq: 28 Jun 2019 14:18

Tgt Ion: 78 Resp: 128412



Abundance Ion 78.10 (77.80 to 78.80): VU0

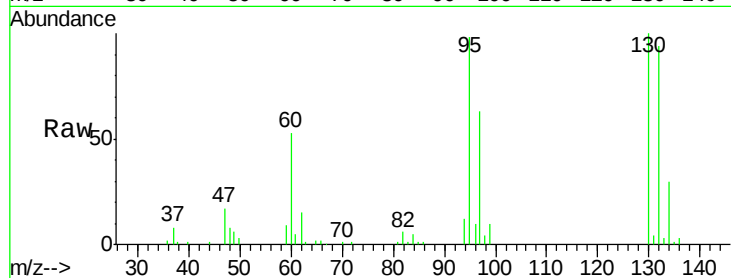




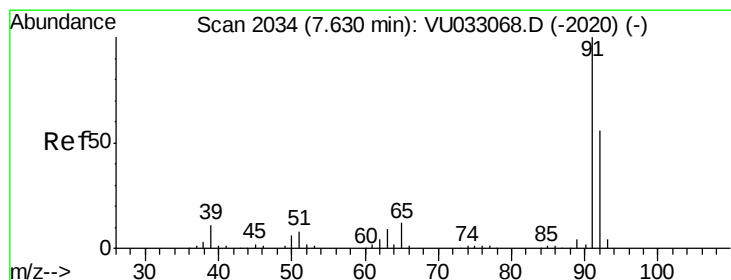
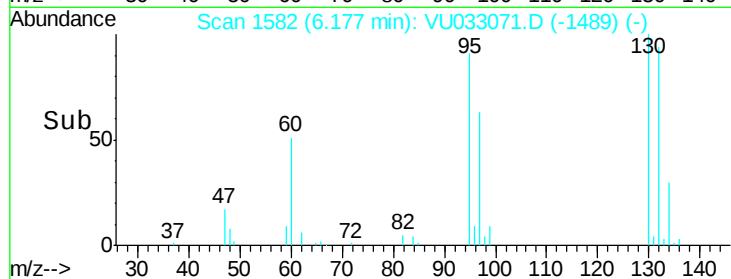
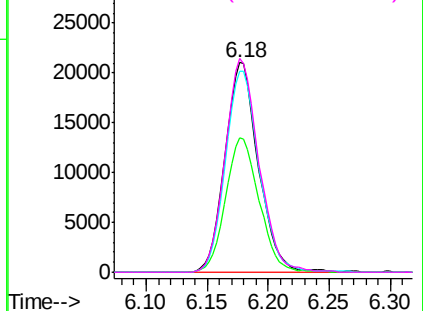
#34
 Trichloroethene
 Concen: 5.187 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VU033071.D
 Acq: 28 Jun 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM62MS

Tot Ion: 95 Resp: 40272
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.0 85.4
 132 96.2 68.6 127.4
 130 101.9 71.1 132.1

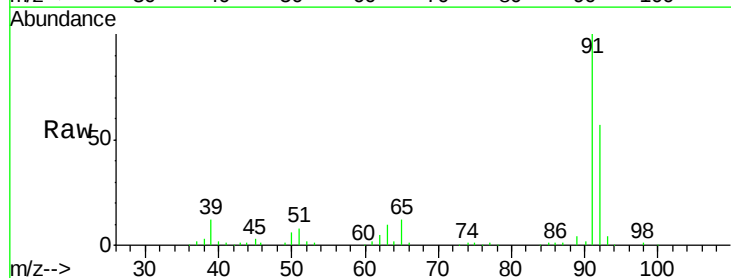


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

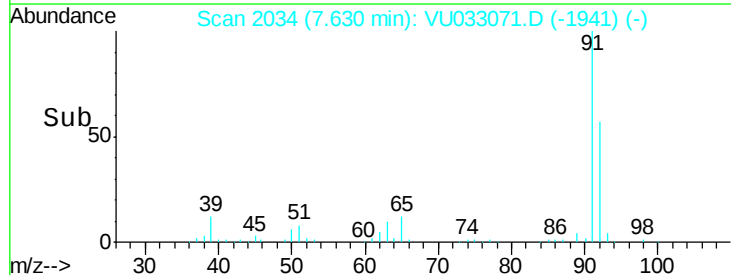
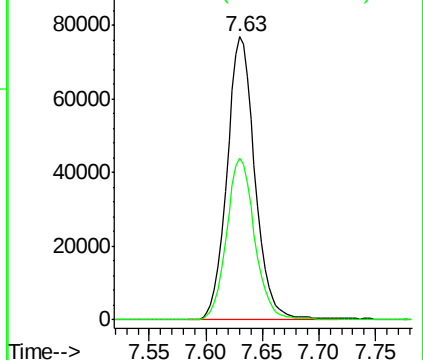


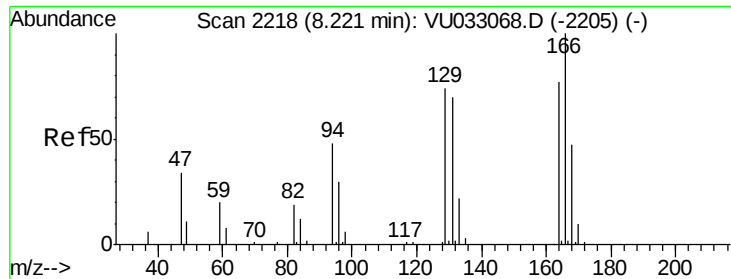
#42
 Toluene
 Concen: 4.363 ug/L
 RT: 7.63 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU033071.D
 Acq: 28 Jun 2019 14:18

Tgt Ion: 91 Resp: 132129
 Ion Ratio Lower Upper
 91 100
 92 57.1 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

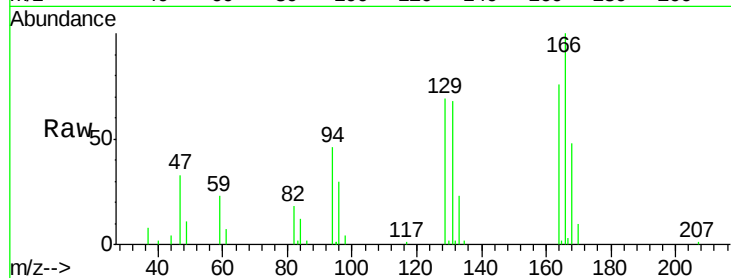




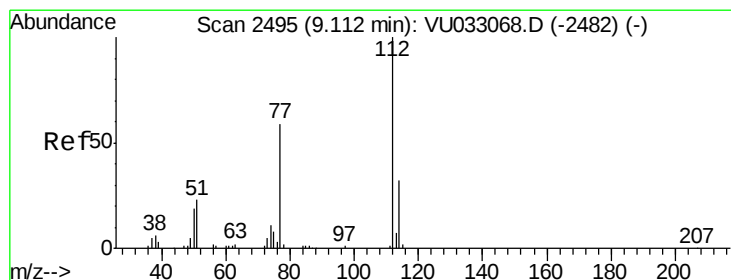
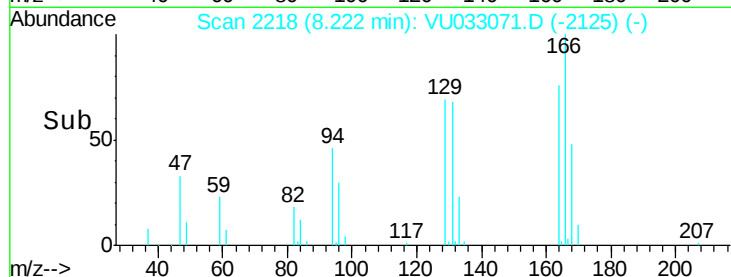
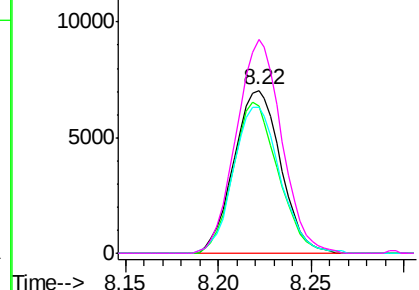
#47
Tetrachloroethene
Concen: 1.976 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033071.D
Acq: 28 Jun 2019 14:18

Instrument :
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GAM62MS

Tot Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.9	120.5
131	89.3	63.5	117.9
166	131.2	89.1	165.5

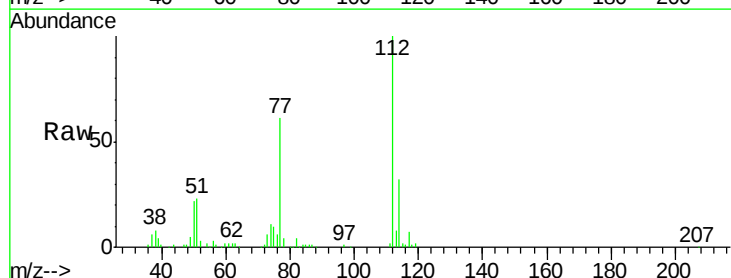


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 4.427 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. 0.00 min
Lab File: VU033071.D
Acq: 28 Jun 2019 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.3	43.3
77	61.2	48.9	73.3



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

