

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032619.D
 Acq On : 11 Jun 2019 18:52
 Operator : JC/SP
 Sample : K3292-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P5MS

Quant Time: Jun 12 07:58:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 07:28:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	173920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	165166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44233	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.40%
7) Chloroethane-d5	1.67	69	39671	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.27	63	99568	45.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.14%
21) 2-Butanone-d5	4.17	46	99457	105.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.64	84	100205	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.30	65	67756	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
32) Benzene-d6	5.33	84	201448	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.32	67	65371	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.24%
41) Toluene-d8	7.56	98	182386	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.85	79	30186	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
47) 2-Hexanone-d5	8.31	63	60172	92.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98093	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	78807	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

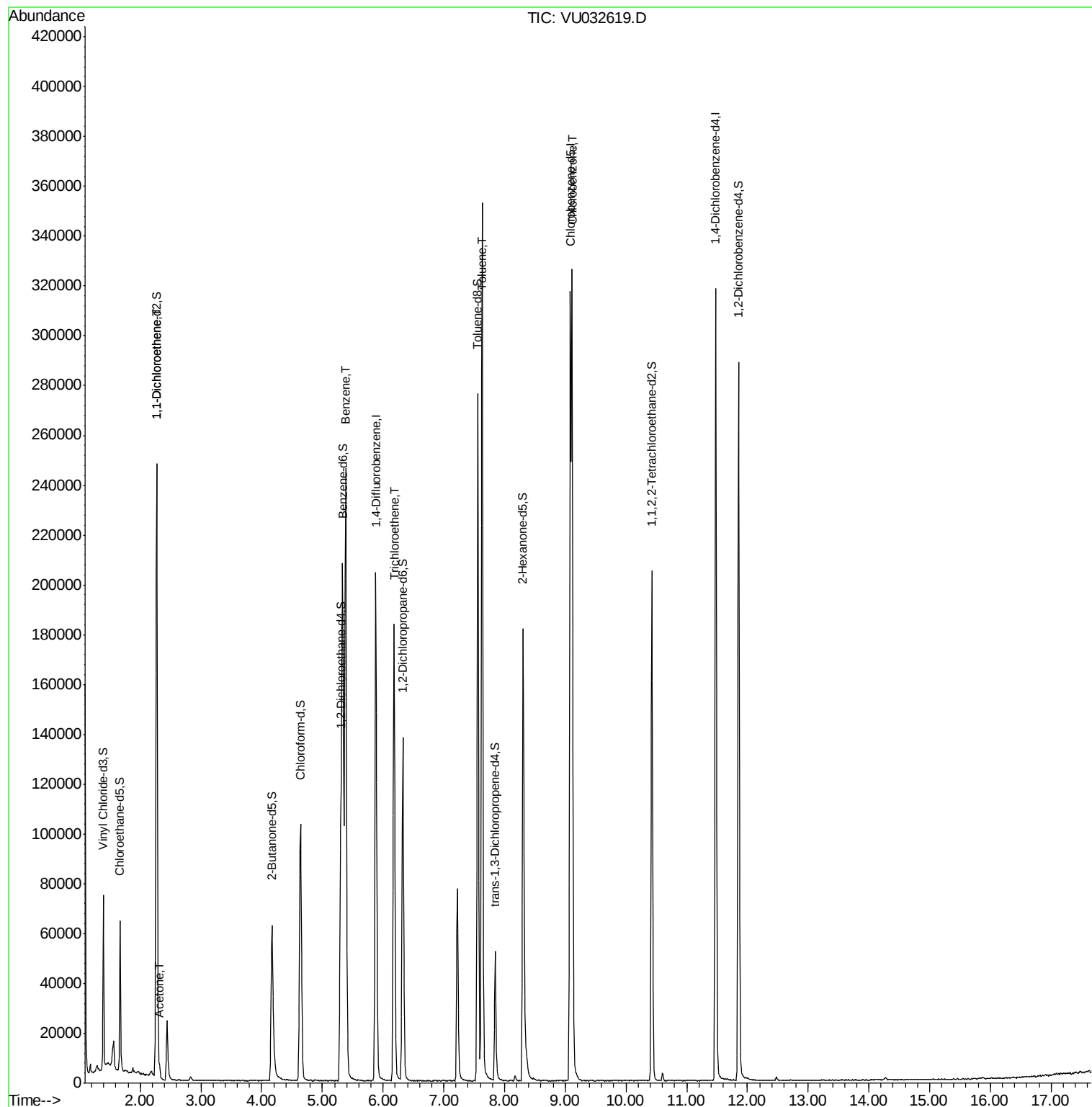
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	53702	52.037	ug/L	82
13) Acetone	2.32	43	4746	4.871	ug/L	96
33) Benzene	5.38	78	236097	50.876	ug/L	100
34) Trichloroethene	6.18	95	61786	48.938	ug/L	99
42) Toluene	7.63	91	253986	49.975	ug/L	99
51) Chlorobenzene	9.11	112	169174	51.667	ug/L	99

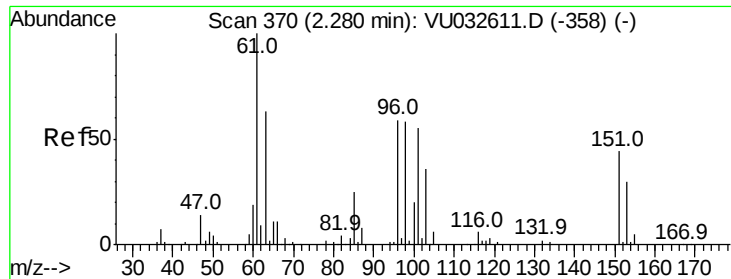
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 52.037 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032619.D

Acq: 11 Jun 2019 18:52

Instrument :

MSVOA_U

ClientSampleId :

DB8P5MS

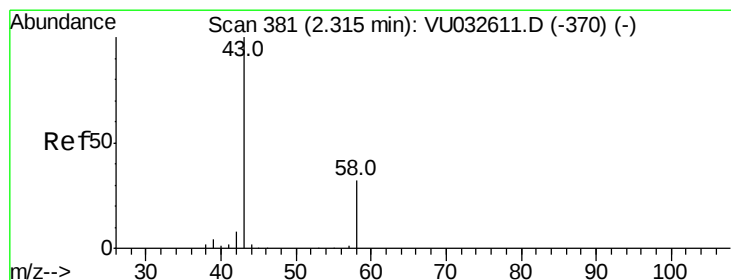
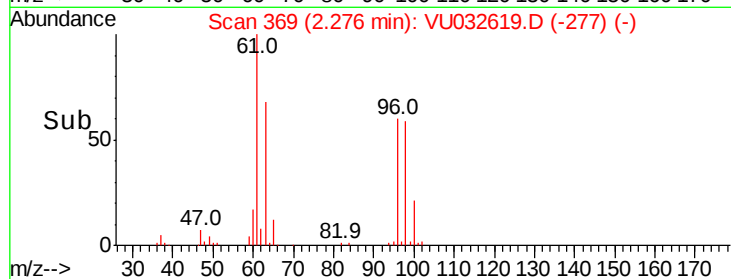
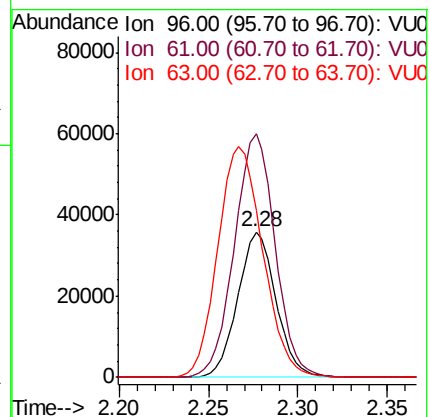
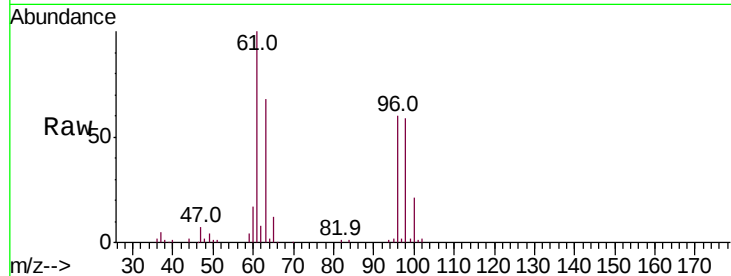
Tot Ion: 96 Resp: 53702

Ion Ratio Lower Upper

96 100

61 167.5 129.5 240.5

63 114.8 103.4 192.0



#13

Acetone

Concen: 4.871 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032619.D

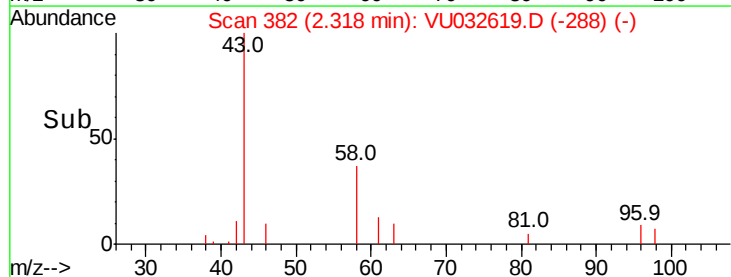
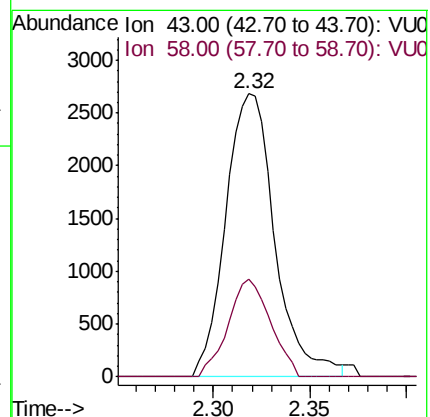
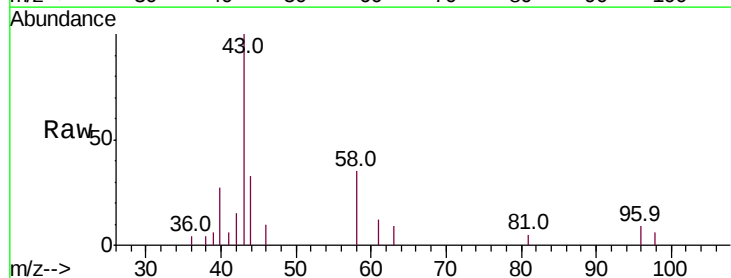
Acq: 11 Jun 2019 18:52

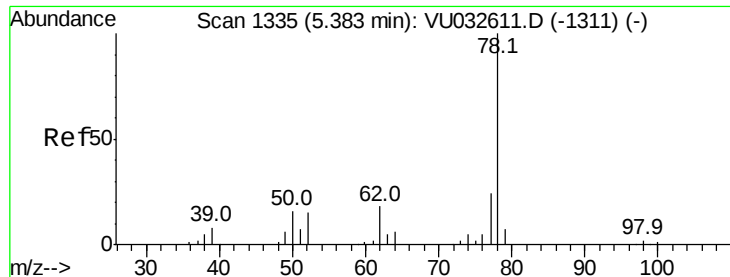
Tgt Ion: 43 Resp: 4746

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.0





#33

Benzene

Concen: 50.876 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU032619.D

Acq: 11 Jun 2019 18:52

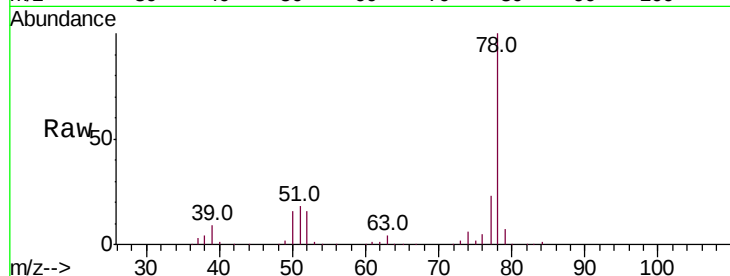
Instrument :

MSVOA_U

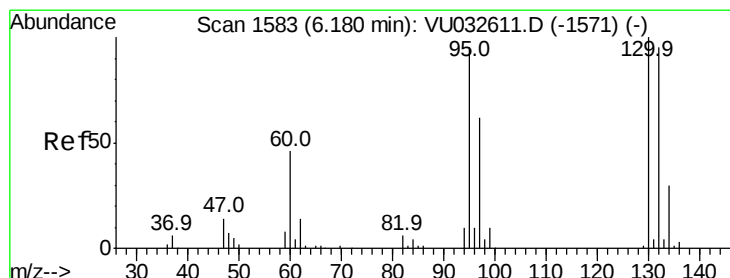
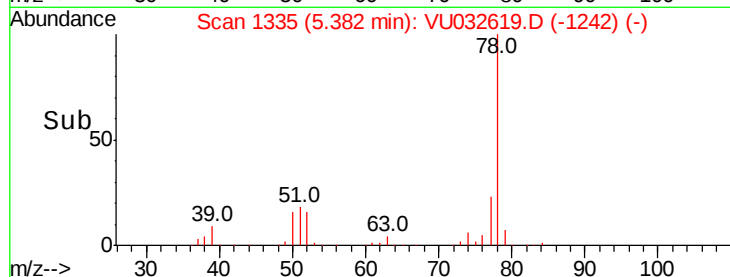
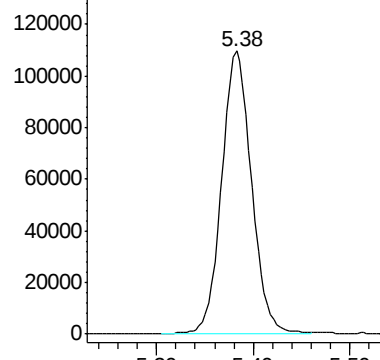
ClientSampleId :

DB8P5MS

Tgt Ion: 78 Resp: 236097



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 48.938 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032619.D

Acq: 11 Jun 2019 18:52

Tgt Ion: 95 Resp: 61786

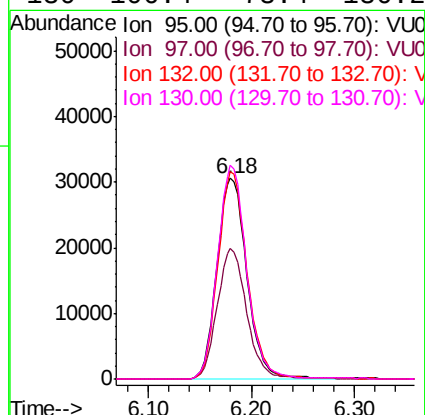
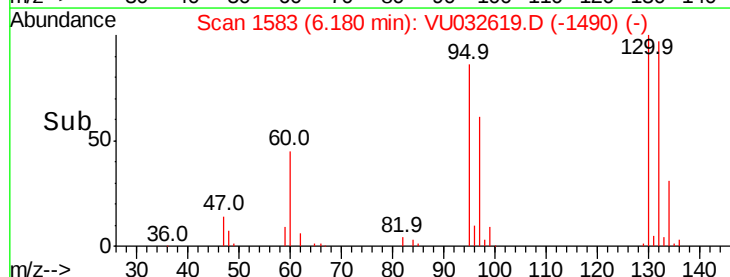
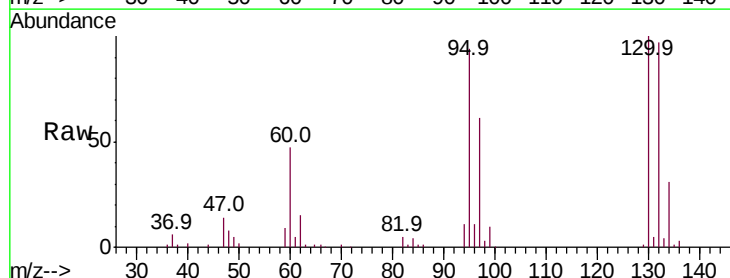
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	103.3	71.0	131.8
130	106.4	73.4	136.2

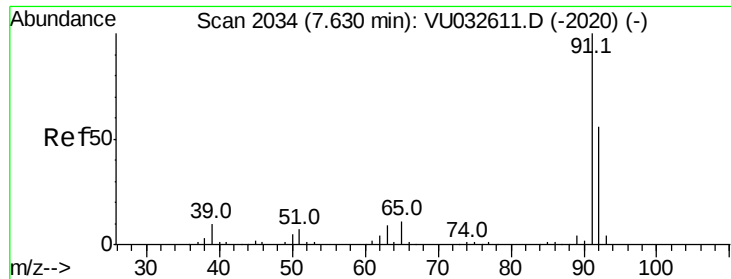
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 49.975 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032619.D

Acq: 11 Jun 2019 18:52

Instrument :

MSVOA_U

ClientSampleId :

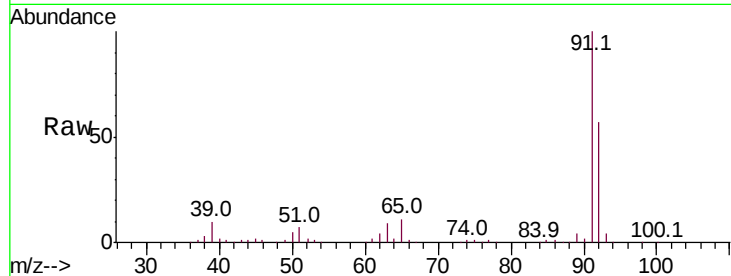
DB8P5MS

Tot Ion: 91 Resp: 253986

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032619.D (-2403) (-)

Ion 92.00 (91.70 to 92.70): VU032619.D (-2403) (-)

7.63

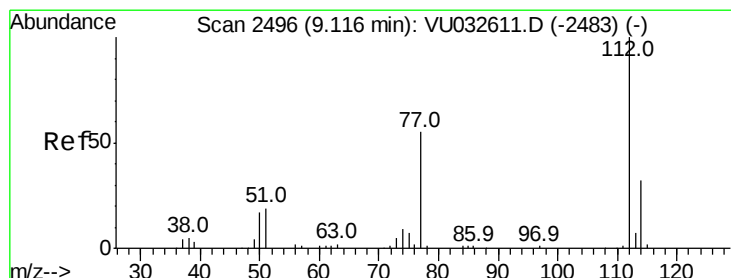
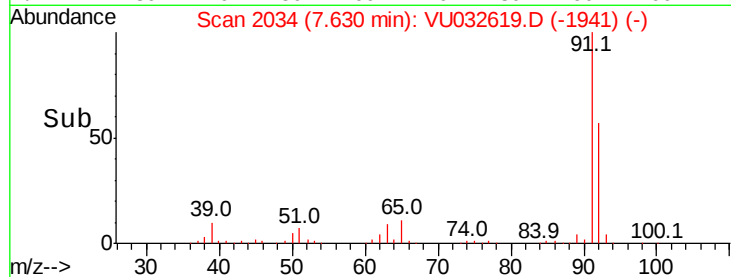
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 51.667 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032619.D

Acq: 11 Jun 2019 18:52

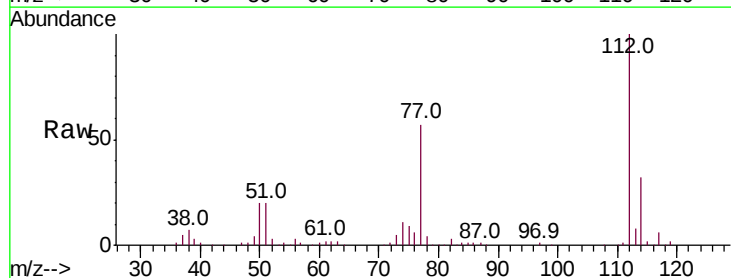
Tgt Ion: 112 Resp: 169174

Ion Ratio Lower Upper

112 100

114 31.6 22.6 42.0

77 57.4 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): VU032619.D (-2403) (-)

Ion 114.00 (113.70 to 114.70): VU032619.D (-2403) (-)

Ion 77.00 (76.70 to 77.70): VU032619.D (-2403) (-)

100000

50000

0

Time-->

