

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032620.D
 Acq On : 11 Jun 2019 19:15
 Operator : JC/SP
 Sample : K3292-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P5MSD

Quant Time: Jun 12 08:00:02 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	171647	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83491	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44956	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.67	69	39238	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.70%
11) 1,1-Dichloroethene-d2	2.27	63	98492	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
21) 2-Butanone-d5	4.17	46	96061	103.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.64	84	99853	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.30	65	67840	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
32) Benzene-d6	5.33	84	198588	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
36) 1,2-Dichloropropane-d6	6.32	67	64505	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.56	98	181910	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	7.85	79	29624	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
47) 2-Hexanone-d5	8.31	63	54808	85.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97181	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	79854	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

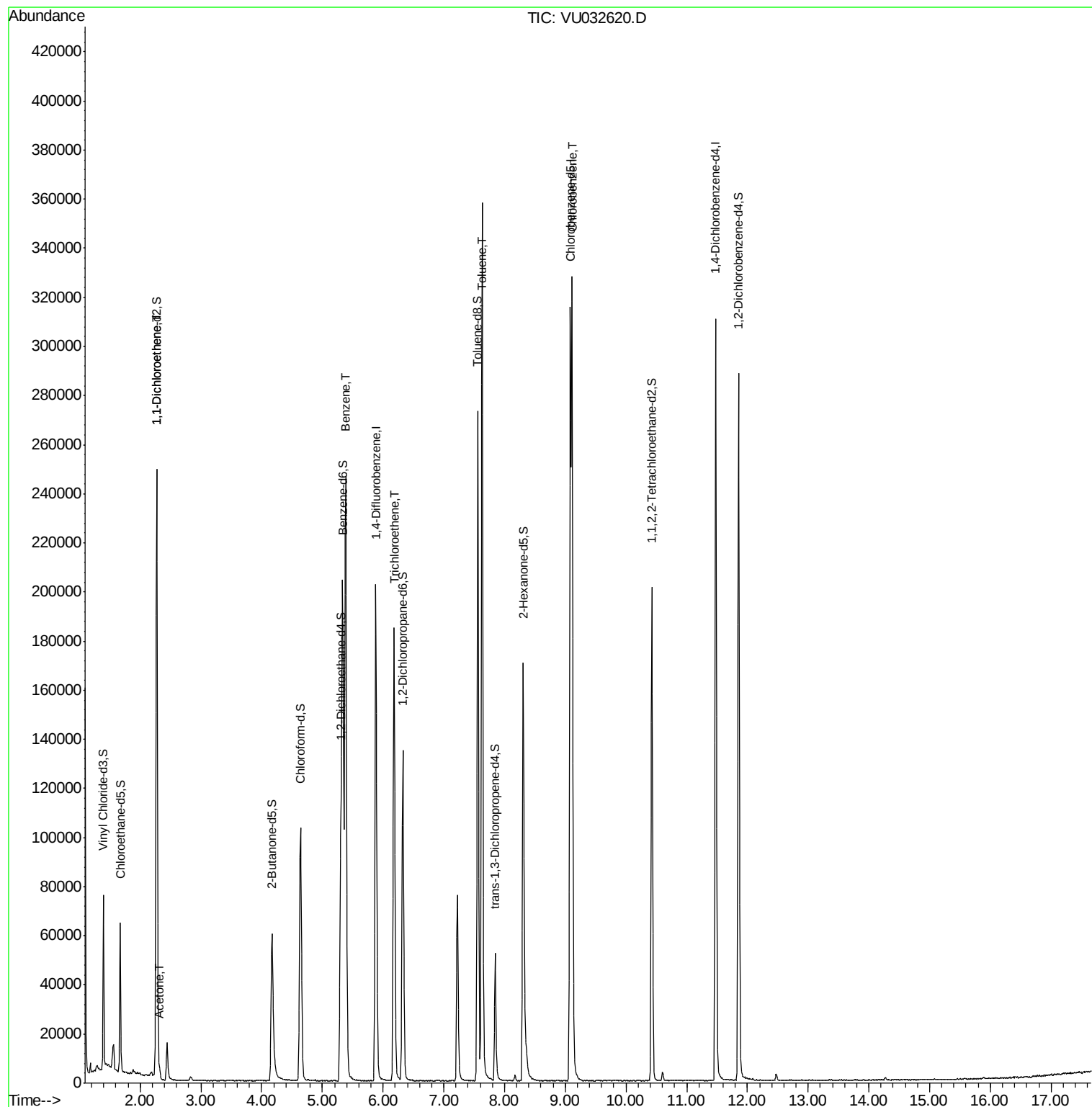
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	53326	52.357	ug/L	86
13) Acetone	2.32	43	3529	3.670	ug/L	91
33) Benzene	5.38	78	238788	52.062	ug/L	100
34) Trichloroethene	6.18	95	62649	50.206	ug/L	98
42) Toluene	7.63	91	257831	51.329	ug/L	99
51) Chlorobenzene	9.11	112	169154	52.269	ug/L	99

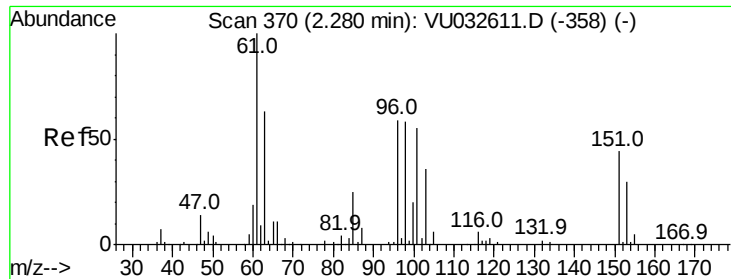
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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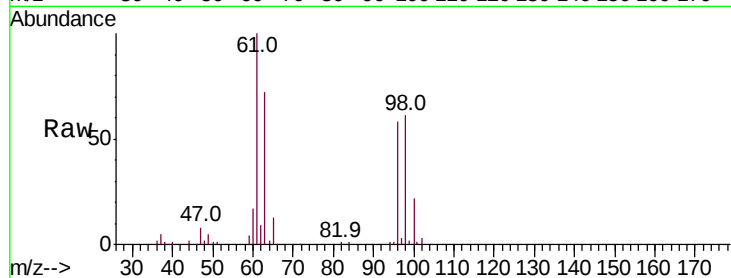




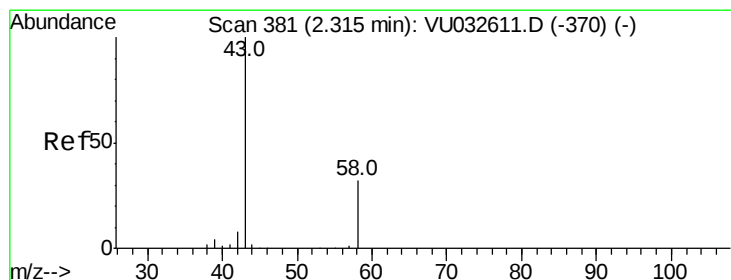
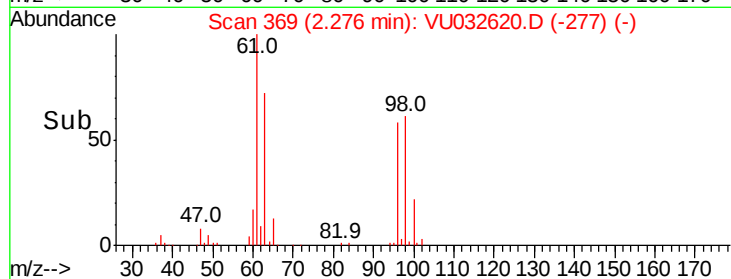
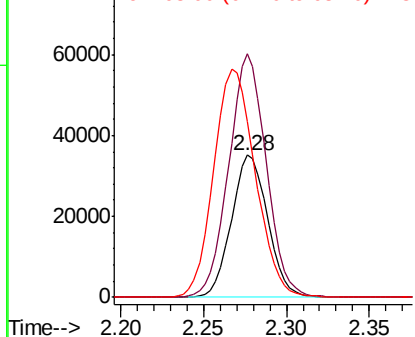
#12
1,1-Dichloroethene
Concen: 52.357 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032620.D
Acq: 11 Jun 2019 19:15

Instrument :
MSVOA_U
ClientSampleId :
DB8P5MSD

Tot Ion: 96 Resp: 53326
Ion Ratio Lower Upper
96 100
61 171.3 129.5 240.5
63 123.8 103.4 192.0

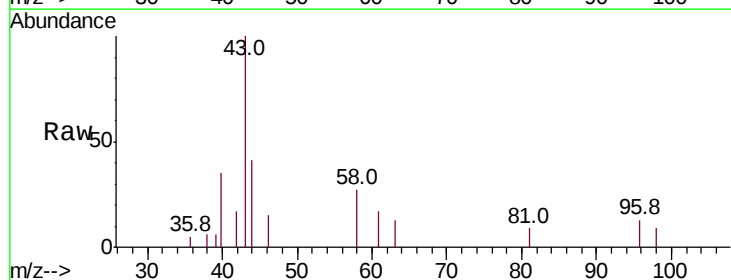


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0

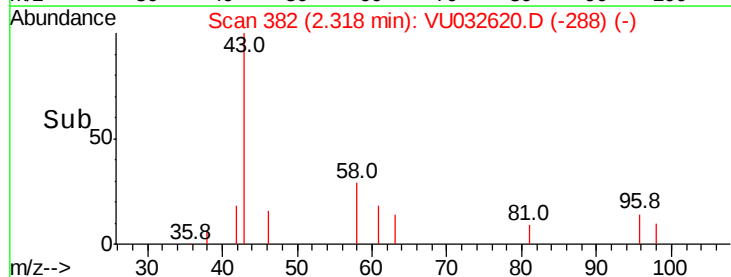
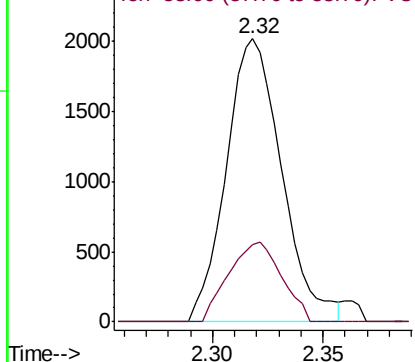


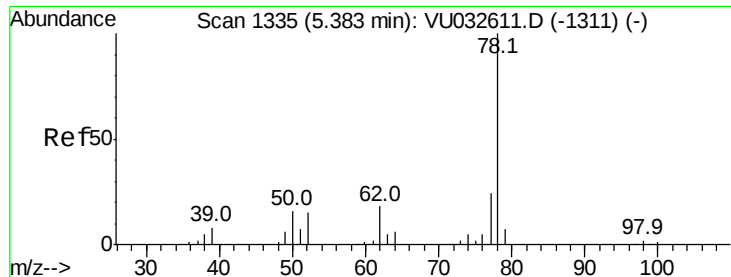
#13
Acetone
Concen: 3.670 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032620.D
Acq: 11 Jun 2019 19:15

Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 26.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

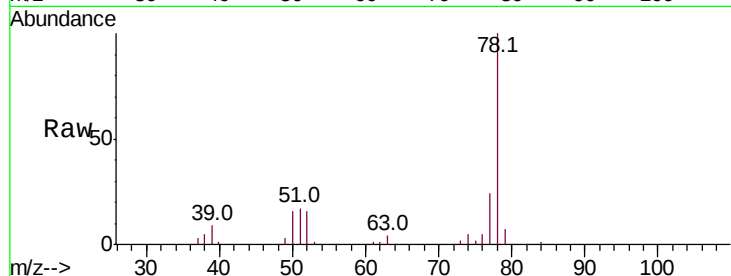




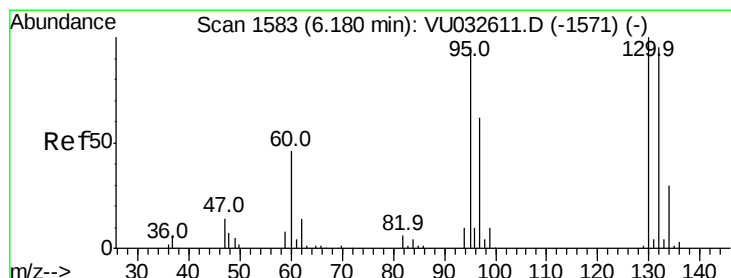
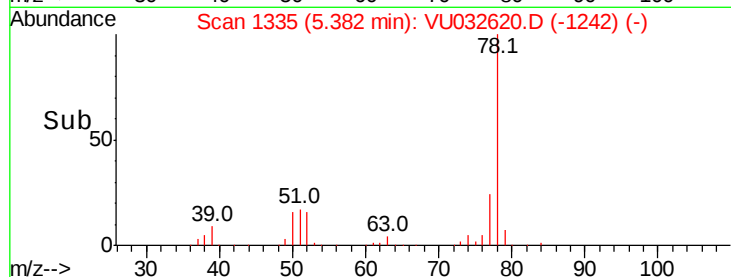
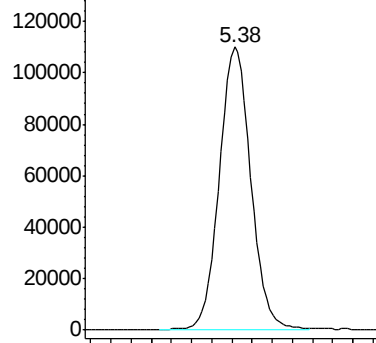
#33
Benzene
Concen: 52.062 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032620.D
Acq: 11 Jun 2019 19:15

Instrument :
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DB8P5MSD

Tgt Ion: 78 Resp: 238788



Abundance Ion 78.00 (77.70 to 78.70): VU0

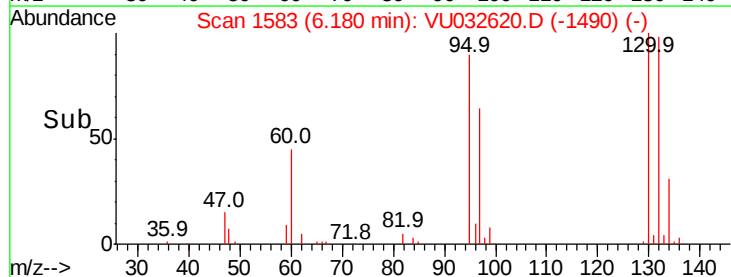
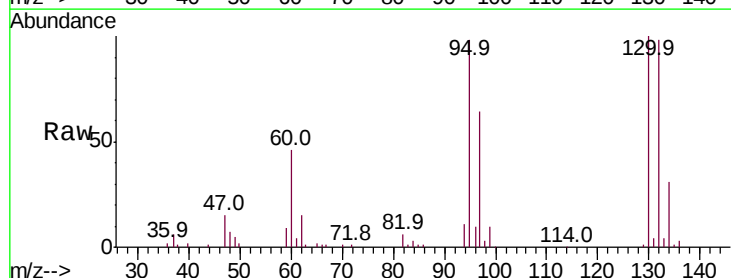
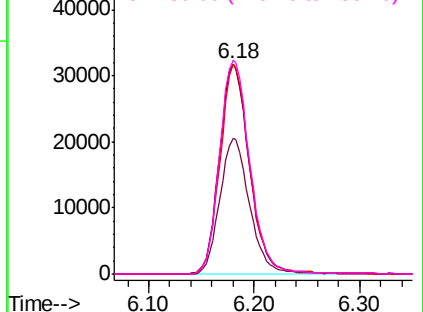


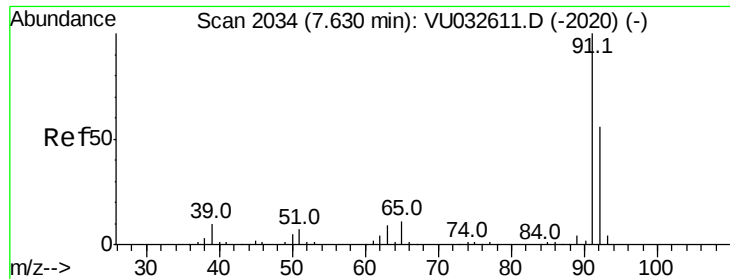
#34
Trichloroethene
Concen: 50.206 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032620.D
Acq: 11 Jun 2019 19:15

Tgt Ion: 95 Resp: 62649
Ion Ratio Lower Upper
95 100
97 64.7 45.8 85.2
132 99.6 71.0 131.8
130 101.6 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: 51.329 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032620.D

Acq: 11 Jun 2019 19:15

Instrument :

MSVOA_U

ClientSampleId :

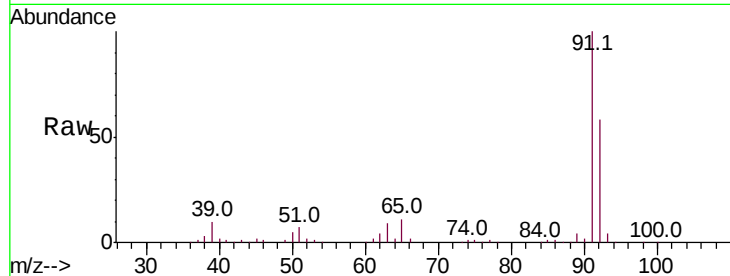
DB8P5MSD

Tot Ion: 91 Resp: 257831

Ion Ratio Lower Upper

91 100

92 57.6 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032611.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032611.D (-2020) (-)

7.63

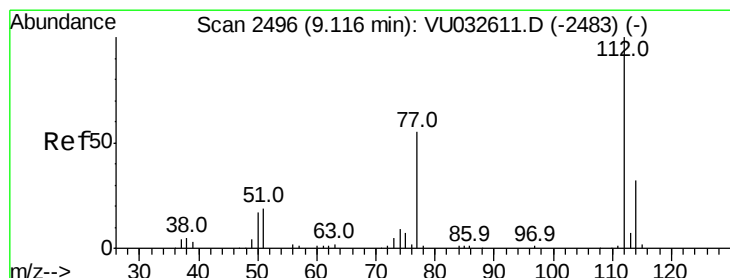
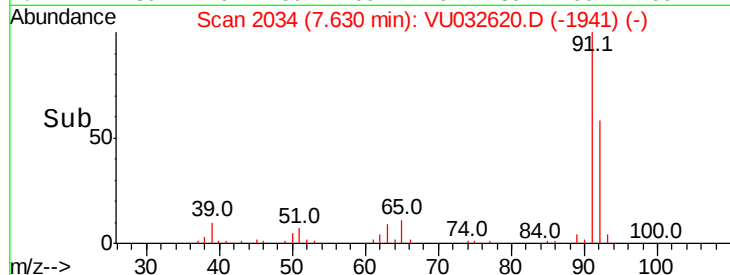
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 52.269 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032620.D

Acq: 11 Jun 2019 19:15

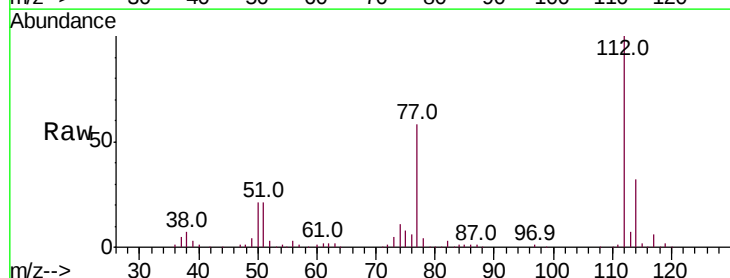
Tgt Ion: 112 Resp: 169154

Ion Ratio Lower Upper

112 100

114 31.5 22.6 42.0

77 58.0 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): VU032611.D (-2483) (-)

Ion 114.00 (113.70 to 114.70): VU032611.D (-2483) (-)

Ion 77.00 (76.70 to 77.70): VU032611.D (-2483) (-)

9.11

100000

50000

0

Time-->

