

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
 Data File : VU033354.D
 Acq On : 20 Jul 2019 01:56
 Operator : JC/SP
 Sample : K3890-07MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52J2MS

Quant Time: Jul 20 05:58:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 20 05:21:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	108377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	111559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	48578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40715	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.67	69	40371	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	95595	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.17	46	112934	54.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.82%
24) Chloroform-d	4.62	84	70432	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.29	65	42470	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.32	84	134419	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.31	67	46955	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.55	98	114392	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.84	79	17216	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.30	63	84641	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	40942	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	44096	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

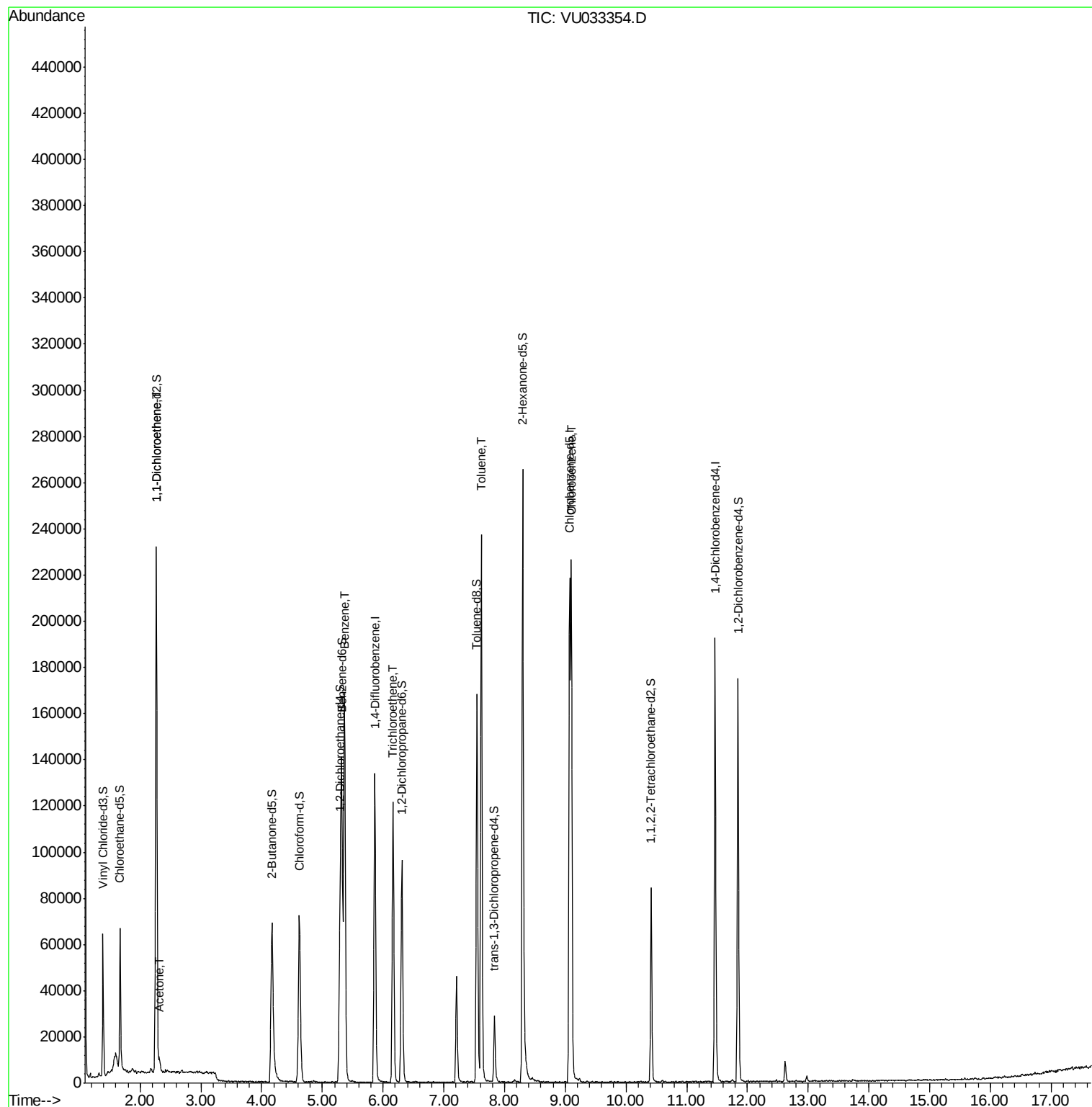
					Ovalue
12) 1,1-Dichloroethene	2.27	96	45916	5.157 ug/L	92
13) Acetone	2.32	43	6515	3.618 ug/L	94
33) Benzene	5.36	78	162929	5.157 ug/L	100
34) Trichloroethene	6.16	95	42425	5.075 ug/L	97
42) Toluene	7.62	91	171748	5.064 ug/L	99
51) Chlorobenzene	9.10	112	114465	5.142 ug/L	99

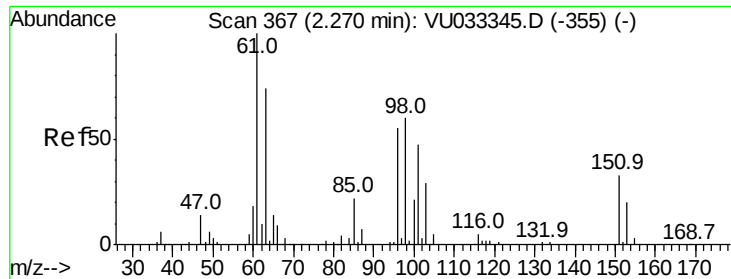
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.157 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

Instrument :

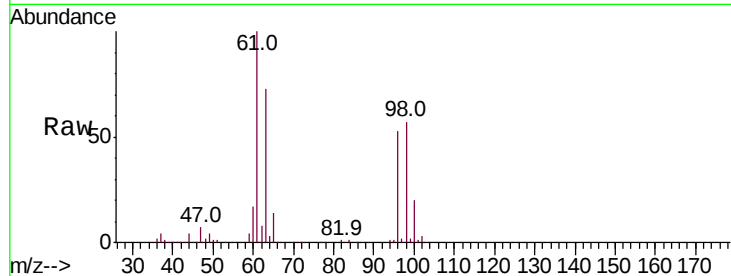
MSVOA_U

ClientSampled :

A52J2MS

Tot Ion: 96 Resp: 45916

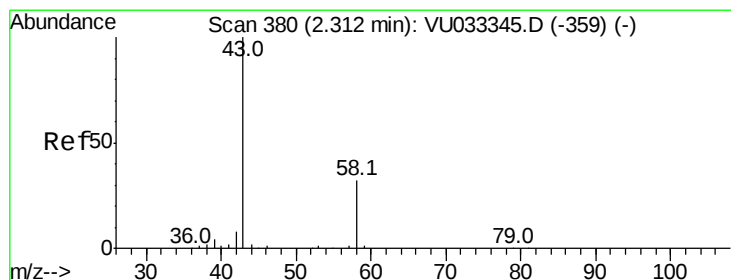
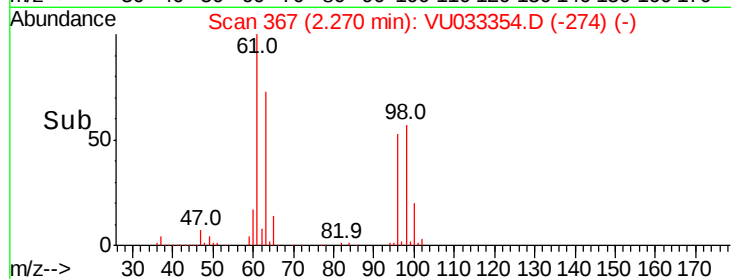
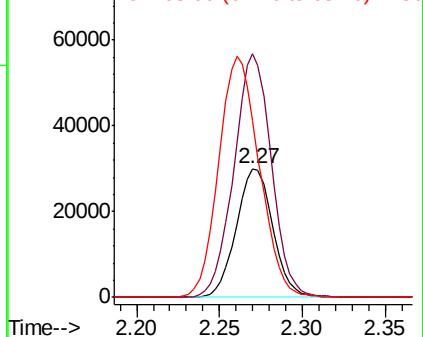
Ion	Ratio	Lower	Upper
96	100		
61	189.4	129.3	240.1
63	137.6	108.9	202.3



Abundance Ion 96.00 (95.70 to 96.70): VU033354.D (-355) (-)

Ion 61.05 (60.75 to 61.75): VU033354.D (-355) (-)

Ion 63.00 (62.70 to 63.70): VU033354.D (-355) (-)



#13

Acetone

Concen: 3.618 ug/L

RT: 2.32 min Scan# 382

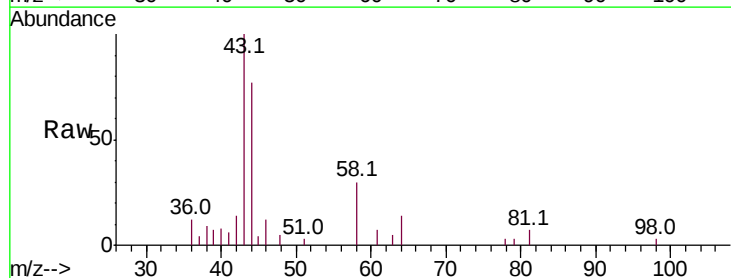
Delta R.T. 0.01 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

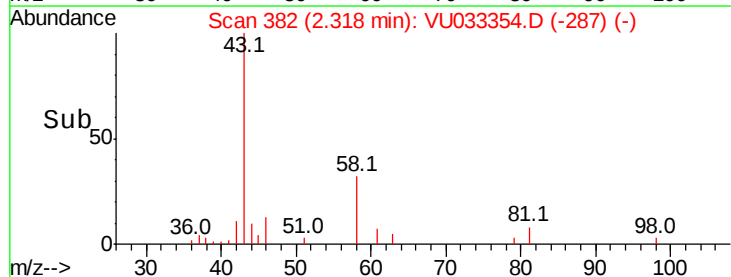
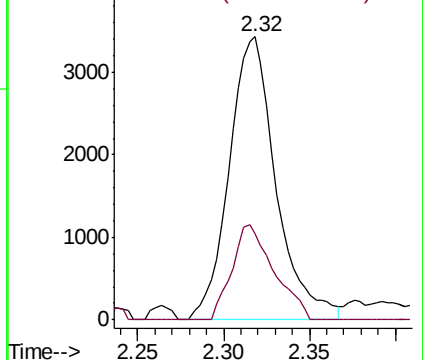
Tgt Ion: 43 Resp: 6515

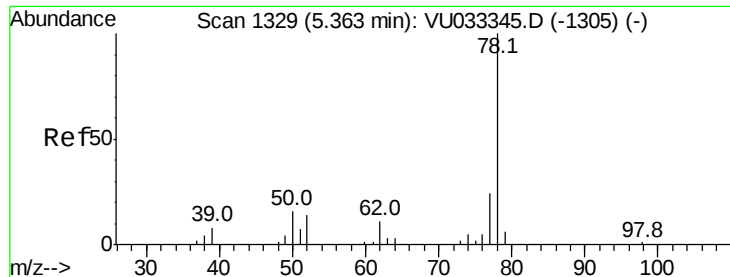
Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033354.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033354.D (-359) (-)





#33

Benzene

Concen: 5.157 ug/L

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

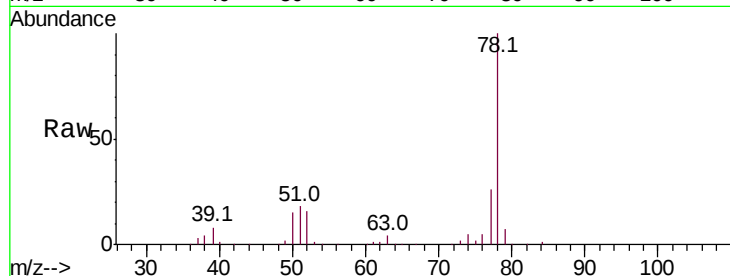
Instrument :

MSVOA_U

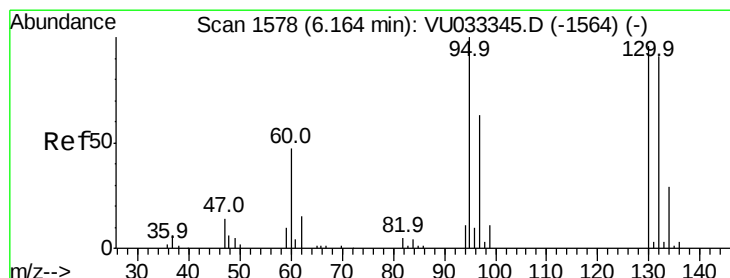
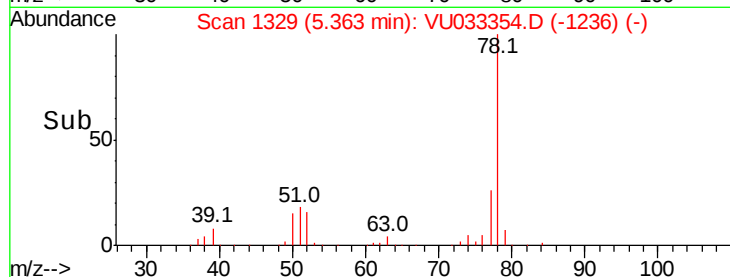
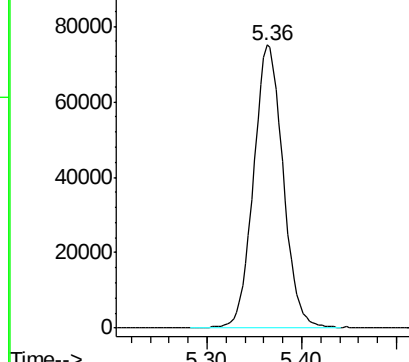
ClientSampleId :

A52J2MS

Tgt Ion: 78 Resp: 162929



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.075 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

Tgt Ion: 95 Resp: 42425

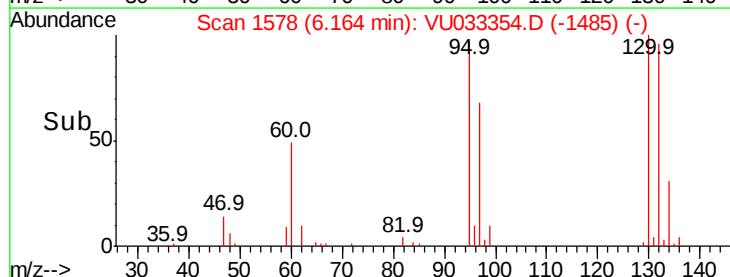
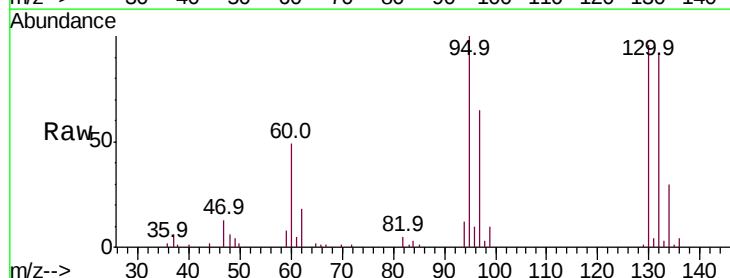
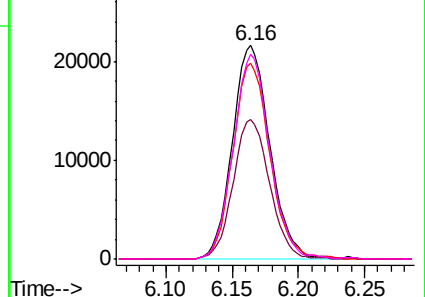
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.5	82.7
132	91.6	66.6	123.8
130	95.9	68.9	127.9

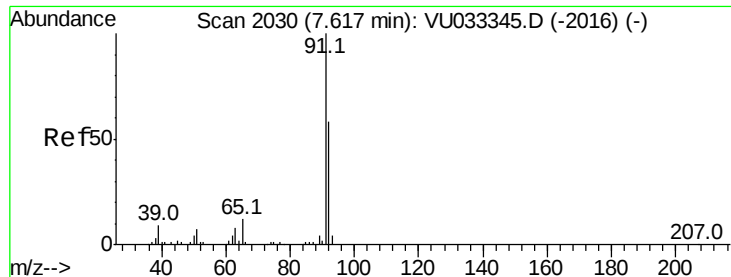
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.064 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

Instrument :

MSVOA_U

ClientSampleId :

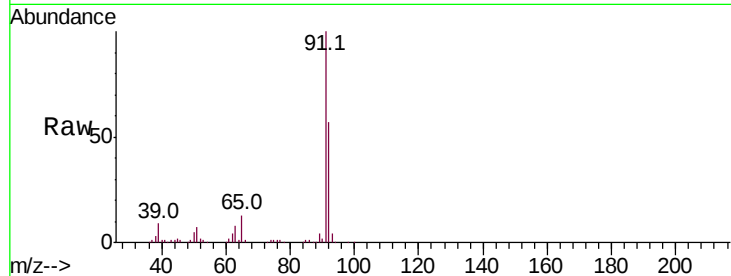
A52J2MS

Tot Ion: 91 Resp: 171748

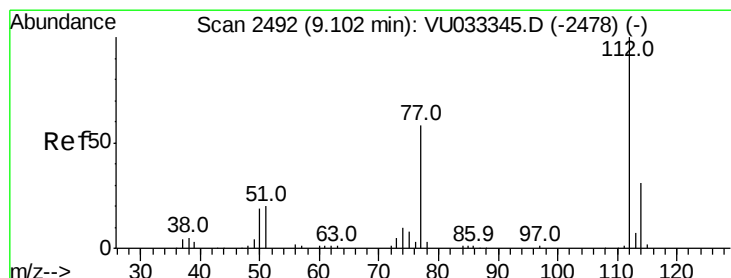
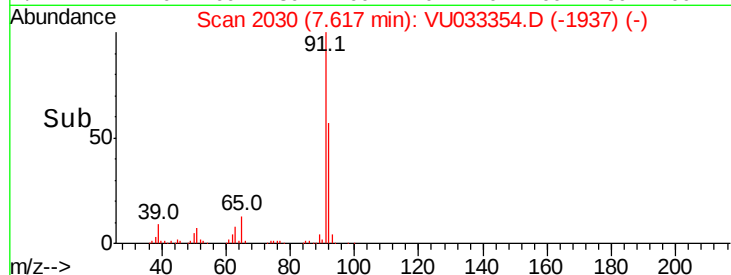
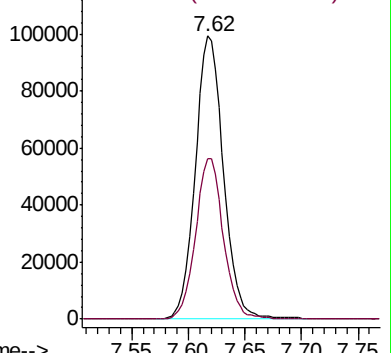
Ion Ratio Lower Upper

91 100

92 56.5 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU033345.D (-2016) (-)



#51

Chlorobenzene

Concen: 5.142 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033354.D

Acq: 20 Jul 2019 01:56

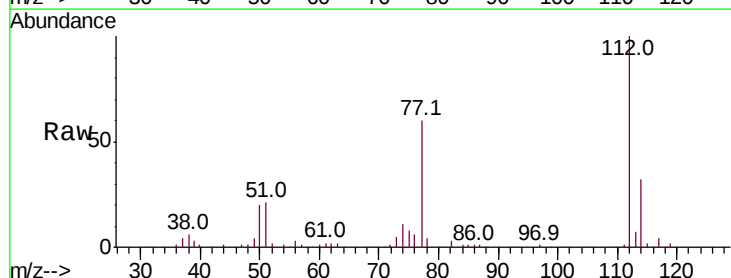
Tgt Ion: 112 Resp: 114465

Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 59.7 46.9 70.3



Abundance Ion 112.10 (111.80 to 112.80): VU033345.D (-2478) (-)

