

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
 Data File : VU033355.D
 Acq On : 20 Jul 2019 02:20
 Operator : JC/SP
 Sample : K3890-08MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52J2MSD

Quant Time: Jul 20 06:00:00 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	104451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	109632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	47968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41562	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.67	69	41335	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.26	63	95598	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.16	46	95825	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.62	84	67195	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.29	65	42931	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.32	84	137233	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	46141	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.55	98	113140	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.83	79	16789	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.30	63	84092	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	41844	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	44570	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

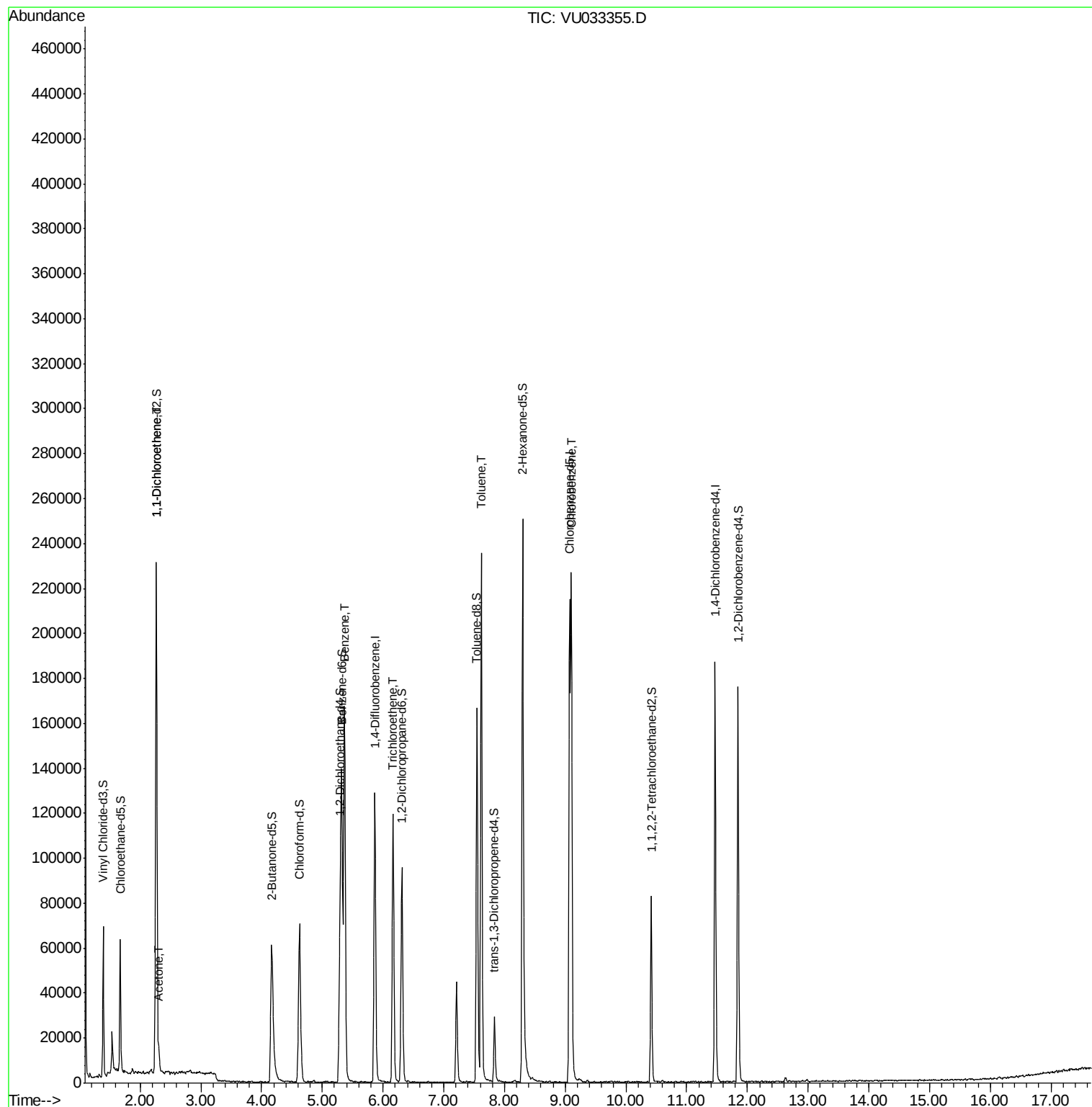
					Ovalue
12) 1,1-Dichloroethene	2.27	96	44933	5.236	ug/L 93
13) Acetone	2.31	43	9237	5.322	ug/L 93
33) Benzene	5.36	78	162001	5.218	ug/L 100
34) Trichloroethene	6.16	95	41616	5.066	ug/L 96
42) Toluene	7.62	91	172353	5.171	ug/L 98
51) Chlorobenzene	9.10	112	115006	5.257	ug/L 98

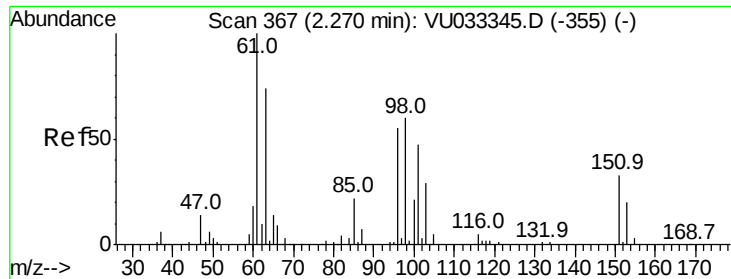
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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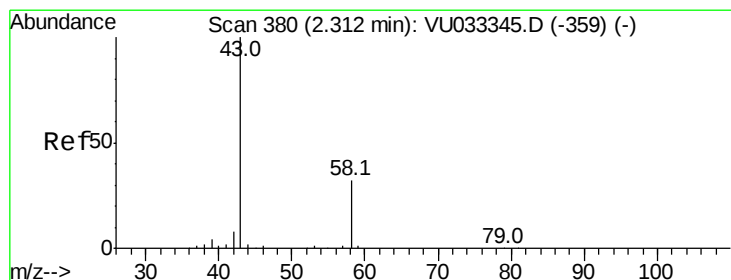
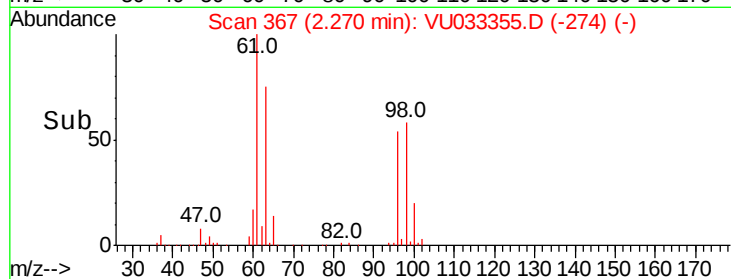
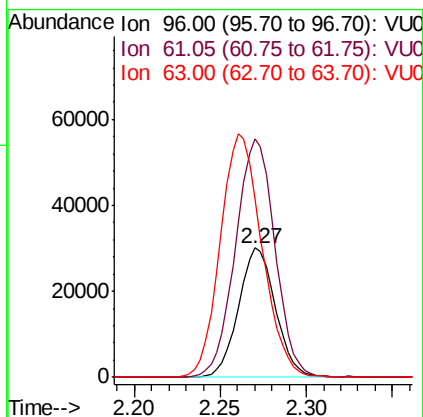
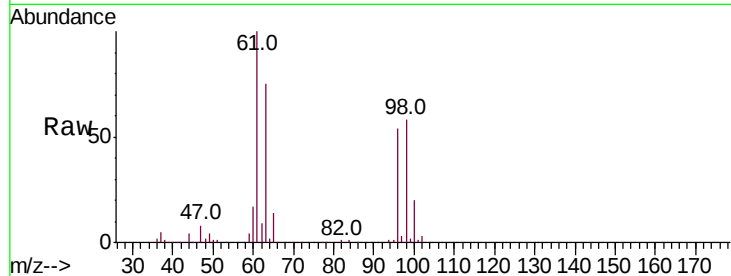




#12
 1,1-Dichloroethene
 Concen: 5.236 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VU033355.D
 Acq: 20 Jul 2019 02:20

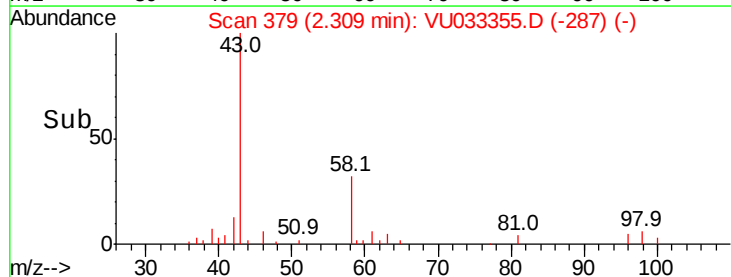
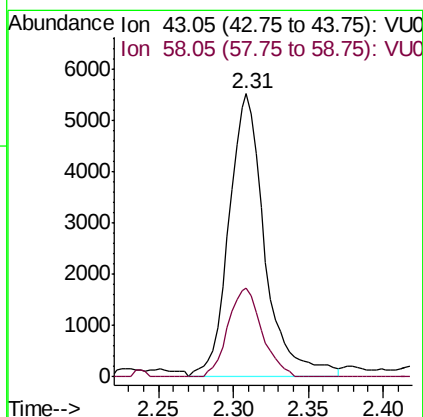
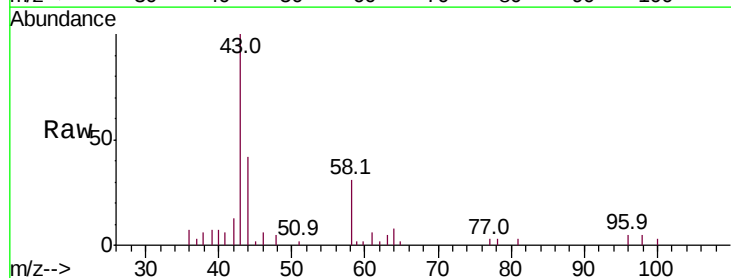
Instrument :
 MSVOA_U
 ClientSampleId :
 A52J2MSD

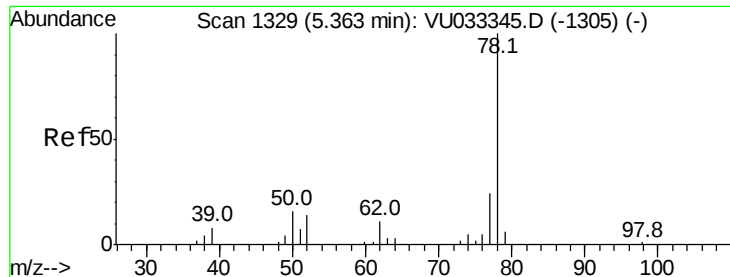
Tot Ion: 96 Resp: 44933
 Ion Ratio Lower Upper
 96 100
 61 184.0 129.3 240.1
 63 137.8 108.9 202.3



#13
 Acetone
 Concen: 5.322 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VU033355.D
 Acq: 20 Jul 2019 02:20

Tgt Ion: 43 Resp: 9237
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 66.6





#33

Benzene

Concen: 5.218 ug/L

RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU033355.D

Acq: 20 Jul 2019 02:20

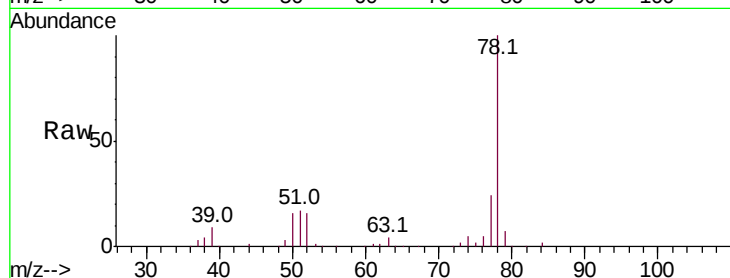
Instrument :

MSVOA_U

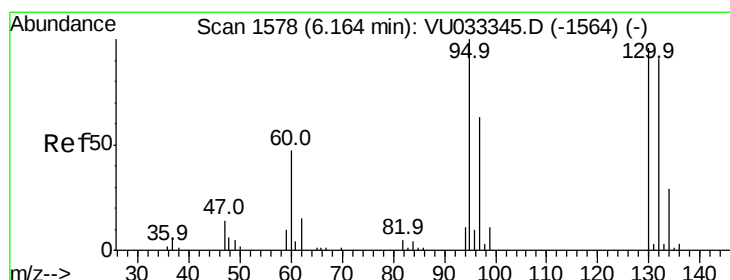
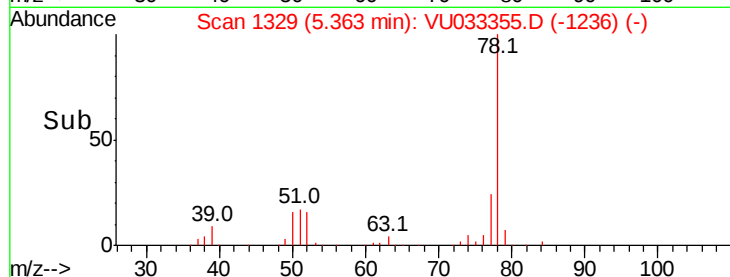
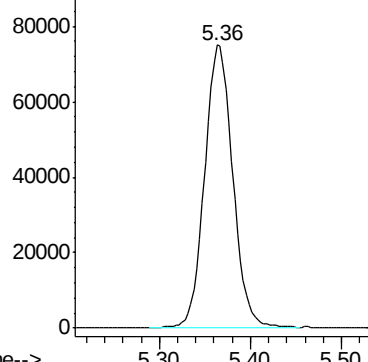
ClientSampleId :

A52J2MSD

Tgt Ion: 78 Resp: 162001



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.066 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033355.D

Acq: 20 Jul 2019 02:20

Tgt Ion: 95 Resp: 41616

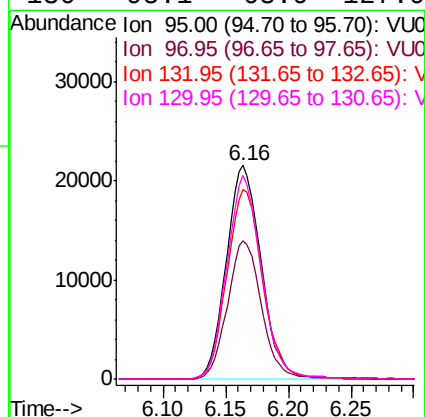
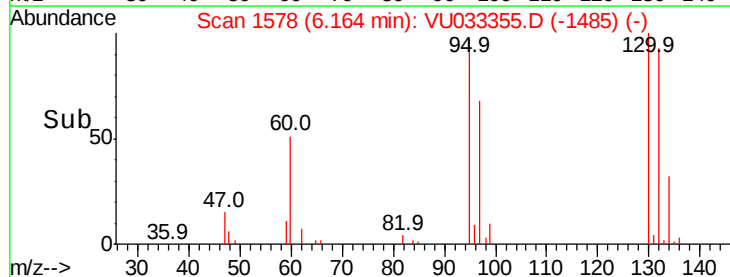
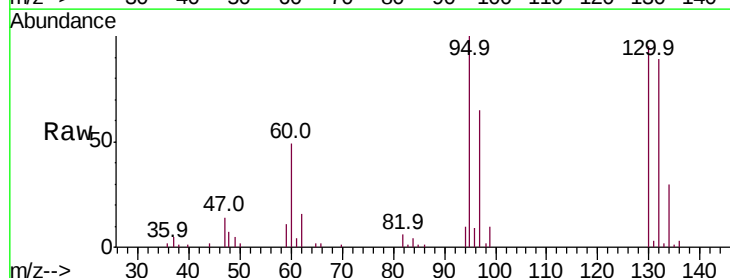
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	88.7	66.6	123.8
130	95.1	68.9	127.9

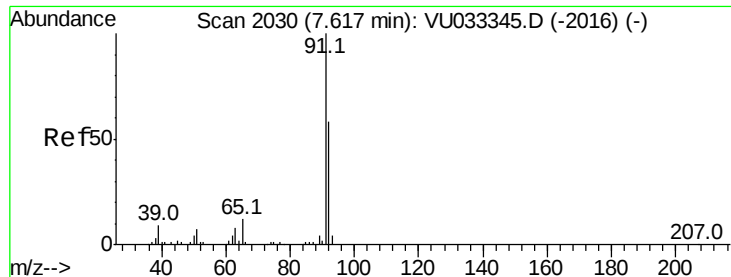
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.171 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033355.D

Acq: 20 Jul 2019 02:20

Instrument :

MSVOA_U

ClientSampleId :

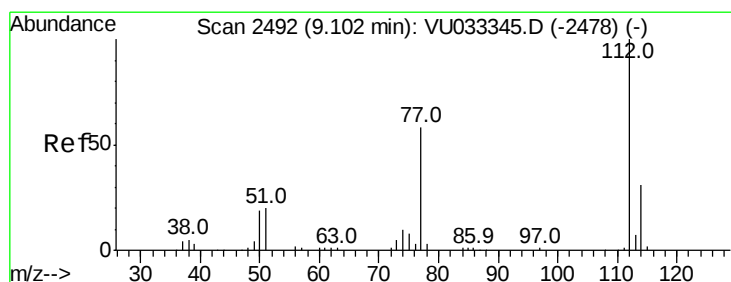
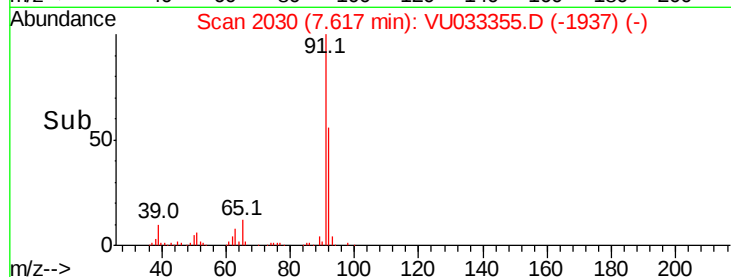
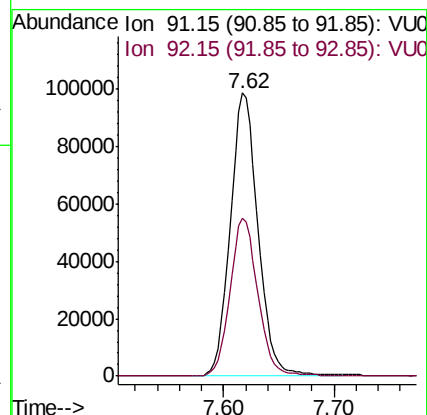
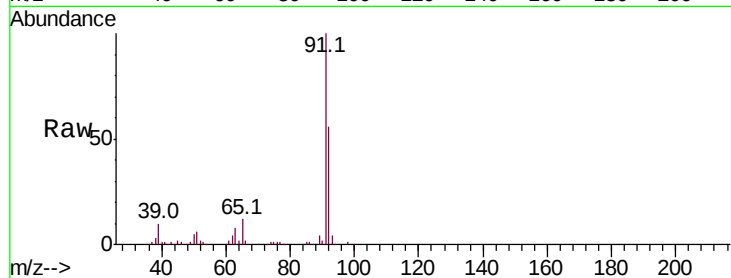
A52J2MSD

Tot Ion: 91 Resp: 172353

Ion Ratio Lower Upper

91 100

92 55.8 40.0 74.2



#51

Chlorobenzene

Concen: 5.257 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033355.D

Acq: 20 Jul 2019 02:20

Tgt Ion: 112 Resp: 115006

Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 60.4 46.9 70.3

