

Data File : VU033649.D
Acq On : 08 Aug 2019 19:43
Operator : JC/SP
Sample : K4161-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Quant Time: Aug 09 08:30:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	282743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	140186	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.67	69	124201	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.94%
11) 1,1-Dichloroethene-d2	2.26	63	232629	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
21) 2-Butanone-d5	4.15	46	240752	102.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.99%
24) Chloroform-d	4.62	84	241735	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.29	65	166141	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.32	84	498143	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
36) 1,2-Dichloropropane-d6	6.31	67	162876	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.55	98	439184	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.83	79	75617	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.29	63	168271	100.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.67%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	243890	46.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	175788	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%

Target Compounds

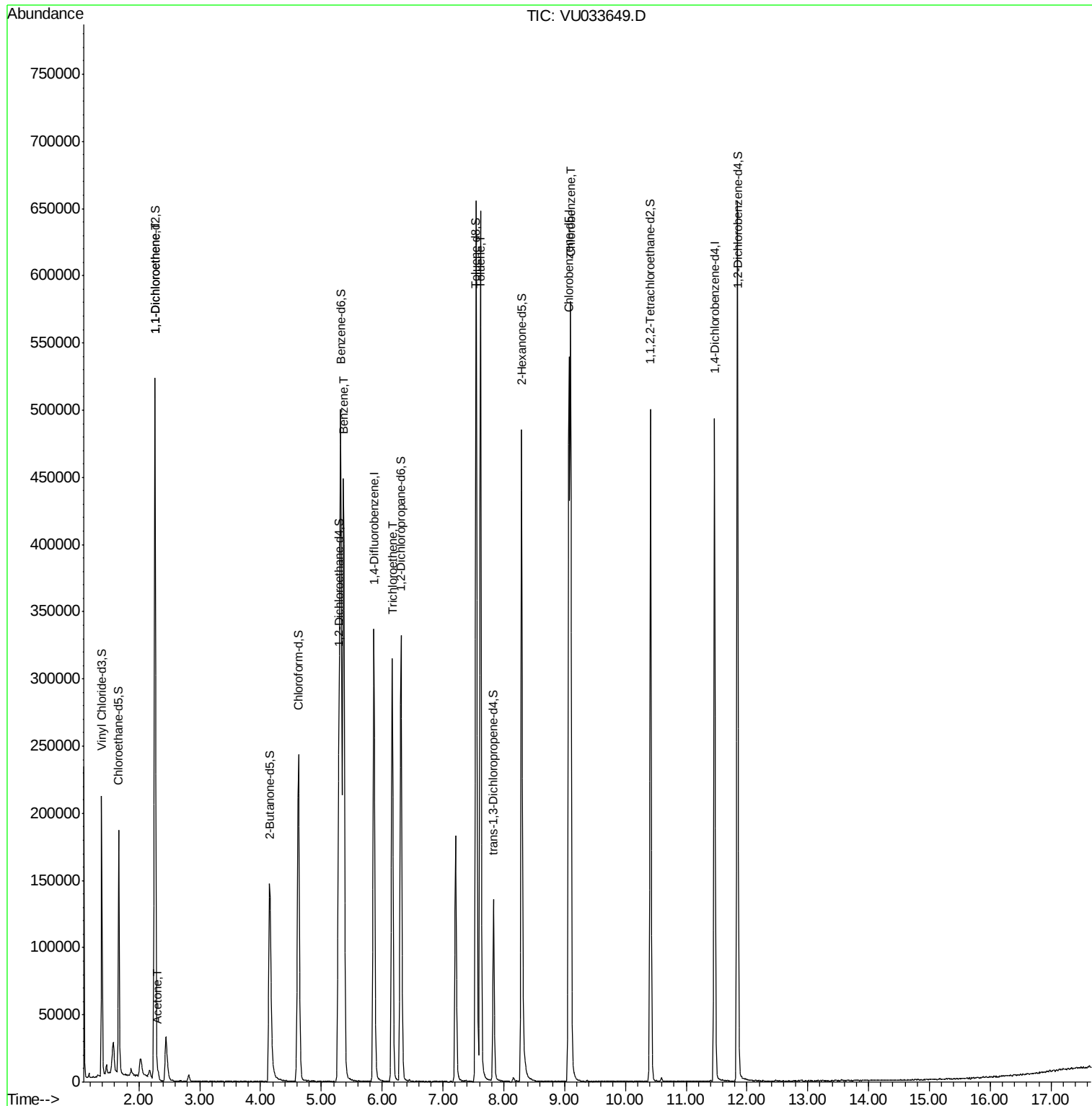
					Qvalue
12) 1,1-Dichloroethene	2.27	96	93980	46.988 ug/L	93
13) Acetone	2.31	43	4500	2.830 ug/L	97
33) Benzene	5.37	78	439581	49.453 ug/L	100
34) Trichloroethene	6.17	95	109367	47.968 ug/L	97
42) Toluene	7.62	91	468939	49.193 ug/L	100
51) Chlorobenzene	9.10	112	302735	48.558 ug/L	100

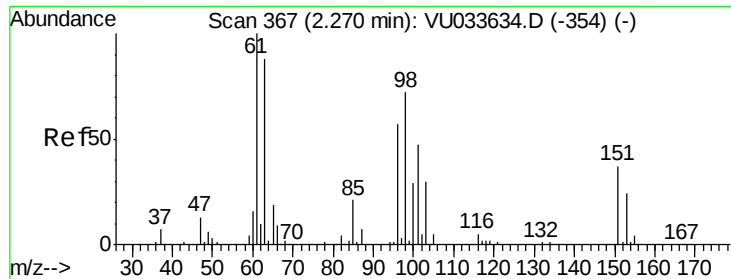
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033649.D
Acq On : 08 Aug 2019 19:43
Operator : JC/SP
Sample : K4161-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Quant Time: Aug 09 08:30:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 46.988 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033649.D

Acq: 08 Aug 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

ETOD7MSD

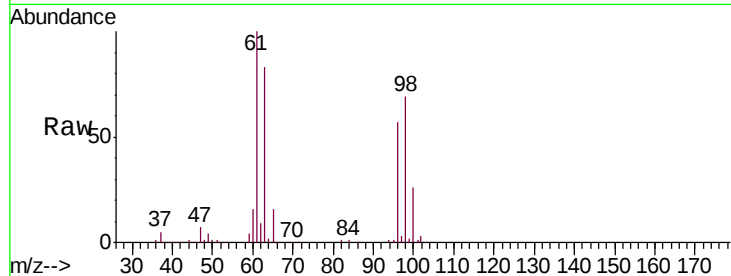
Tgt Ion: 96 Resp: 93980

Ion Ratio Lower Upper

96 100

61 176.2 124.0 230.2

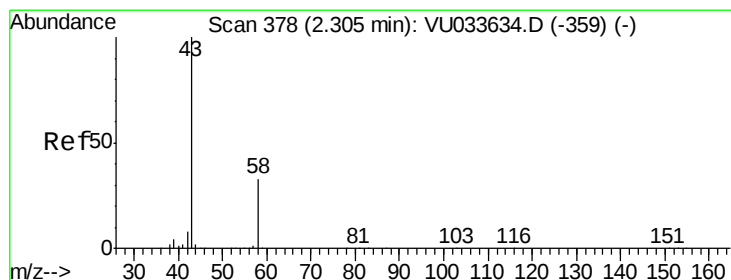
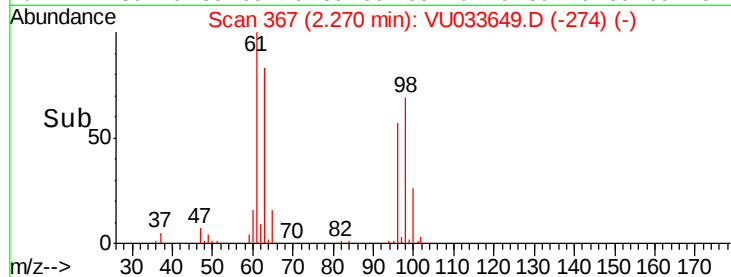
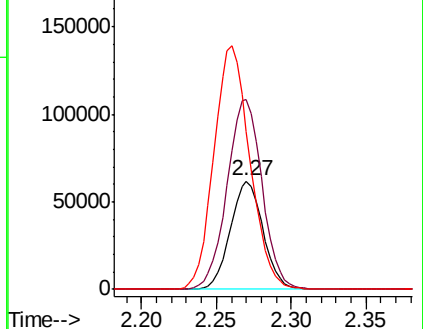
63 145.9 114.9 213.5



Abundance Ion 96.00 (95.70 to 96.70): VU033649.D (-274) (-)

Ion 61.00 (60.70 to 61.70): VU033649.D (-274) (-)

Ion 63.00 (62.70 to 63.70): VU033649.D (-274) (-)



#13

Acetone

Concen: 2.830 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU033649.D

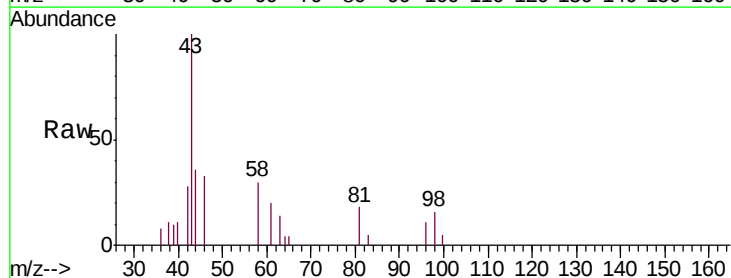
Acq: 08 Aug 2019 19:43

Tgt Ion: 43 Resp: 4500

Ion Ratio Lower Upper

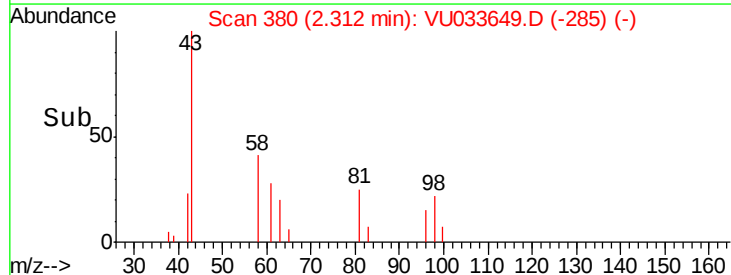
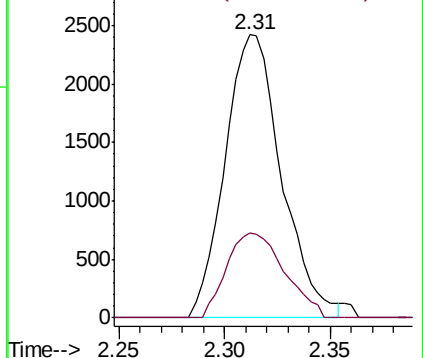
43 100

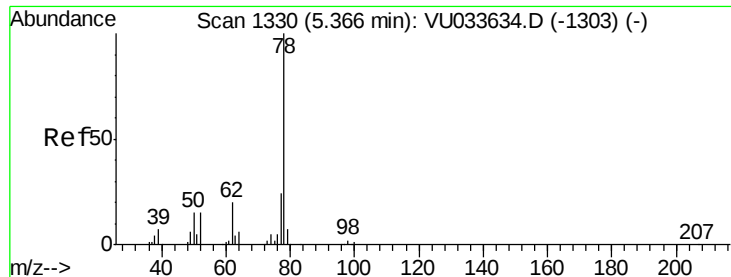
58 30.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033649.D (-285) (-)

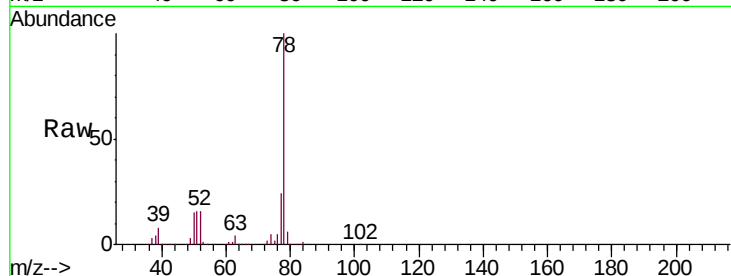
Ion 58.00 (57.70 to 58.70): VU033649.D (-285) (-)



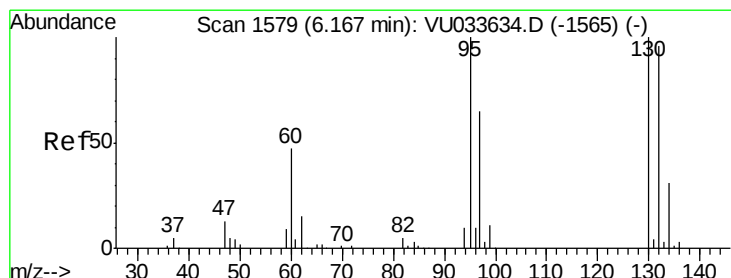
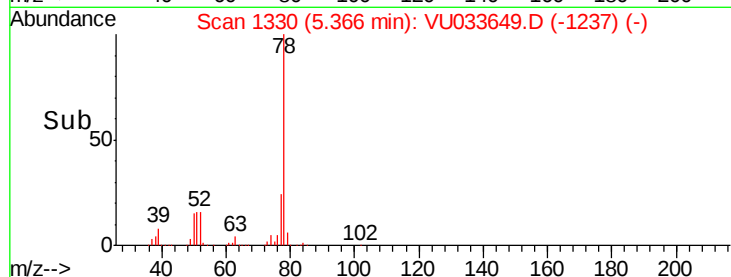
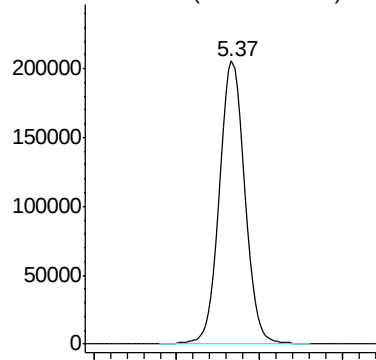


#33
Benzene
Concen: 49.453 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43
Tgt Ion: 78 Resp: 439581

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

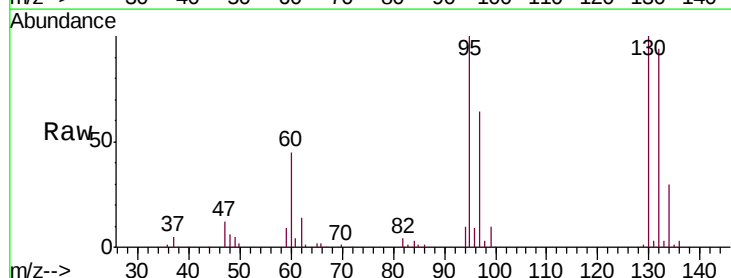


Abundance Ion 78.00 (77.70 to 78.70): VU0



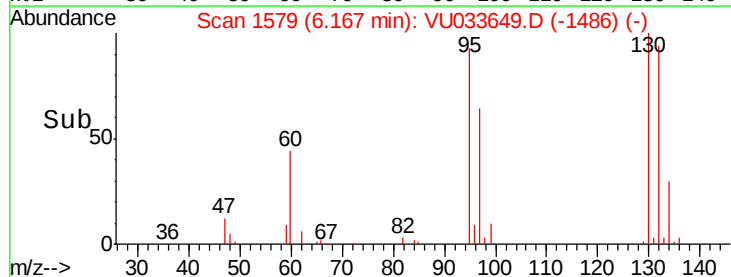
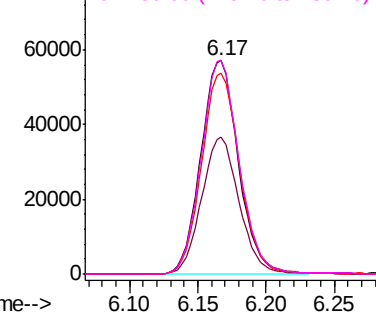
#34
Trichloroethene
Concen: 47.968 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033649.D
Acq: 08 Aug 2019 19:43

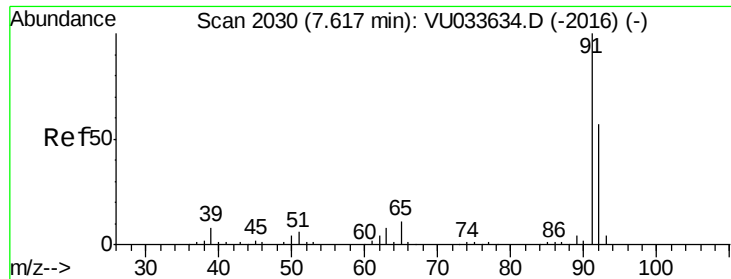
Tgt Ion: 95 Resp: 109367
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.5
132 93.9 69.1 128.3
130 100.1 71.7 133.3



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: 49.193 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033649.D

Acq: 08 Aug 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

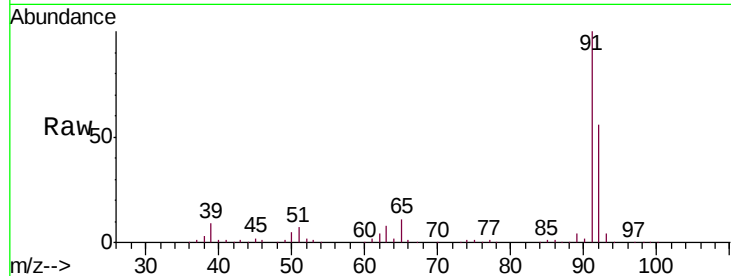
ETOD7MSD

Tgt Ion: 91 Resp: 468939

Ion Ratio Lower Upper

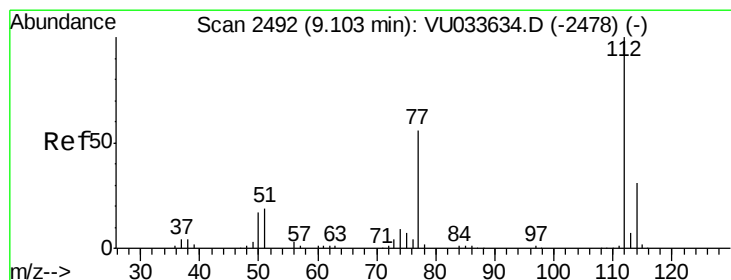
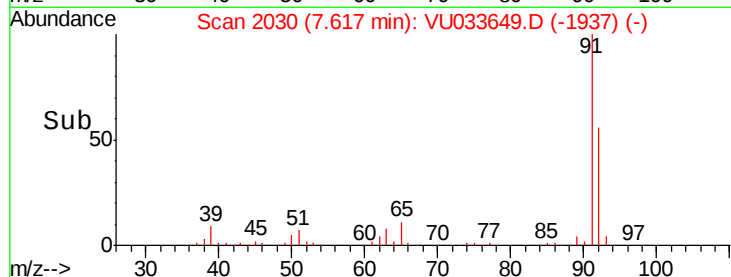
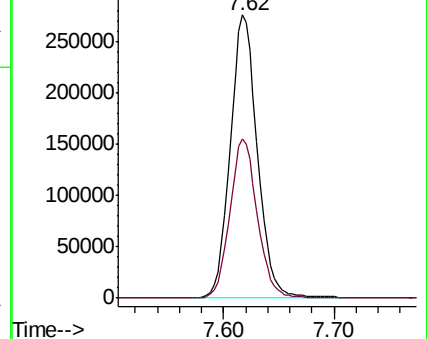
91 100

92 56.3 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VU033649.D (-2399) (-)

Ion 92.00 (91.70 to 92.70): VU033649.D (-2399) (-)



#51

Chlorobenzene

Concen: 48.558 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033649.D

Acq: 08 Aug 2019 19:43

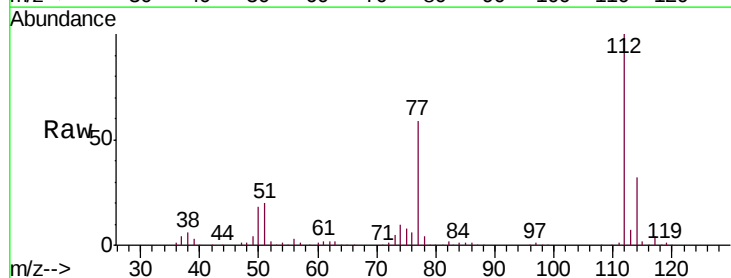
Tgt Ion: 112 Resp: 302735

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 58.9 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU033649.D (-2399) (-)

Ion 114.00 (113.70 to 114.70): VU033649.D (-2399) (-)

Ion 77.00 (76.70 to 77.70): VU033649.D (-2399) (-)

