

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031484.D
 Acq On : 24 Apr 2019 20:45
 Operator : JC/SP
 Sample : K2517-12MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MSD

Quant Time: Apr 25 07:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	300923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127645	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	94893	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.27	63	251544	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.00%
20) 2-Butanone-d5	4.19	46	352851	54.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.26%
24) Chloroform-d	4.64	84	212995	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.31	65	120671	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	421757	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.33	67	146794	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	335821	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	48809	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.31	63	232861	45.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110939	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	110110	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

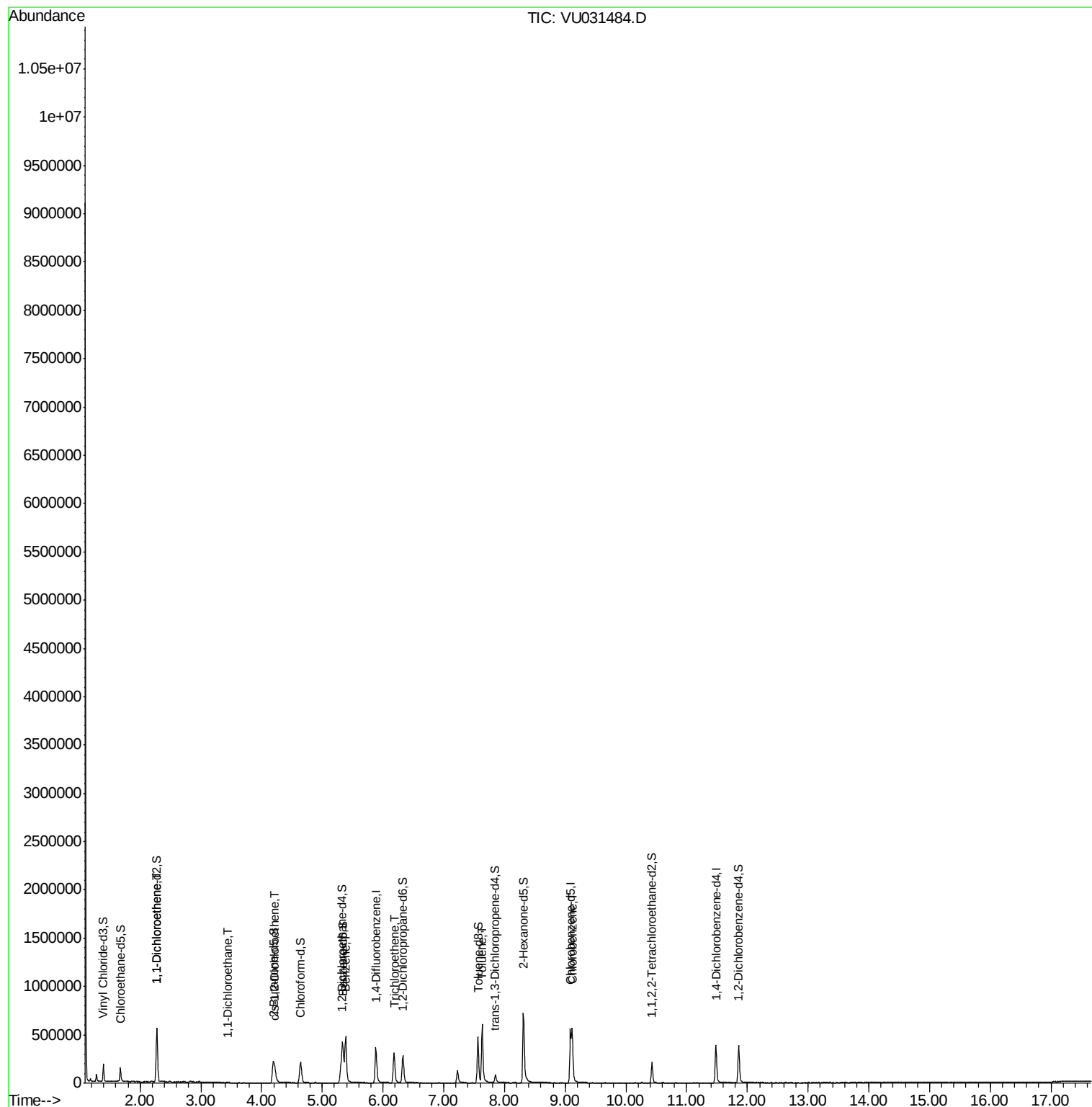
					Ovalue
12) 1,1-Dichloroethene	2.28	96	108697	5.198 ug/L	95
19) 1,1-Dichloroethane	3.43	63	6994	0.167 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	44879	1.970 ug/L	93
33) Benzene	5.38	78	479536	5.200 ug/L	100
34) Trichloroethene	6.18	95	119050	4.898 ug/L	96
42) Toluene	7.63	91	454607	4.911 ug/L	99
51) Chlorobenzene	9.12	112	289348	5.153 ug/L	96

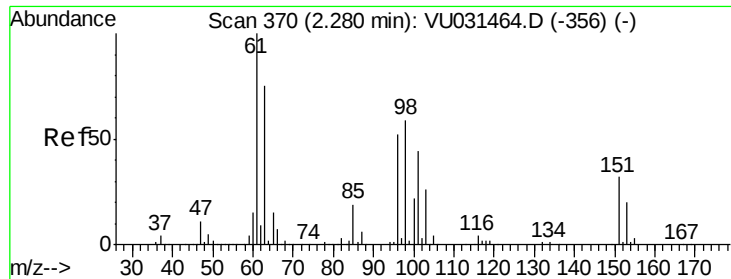
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.198 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031484.D

Acq: 24 Apr 2019 20:45

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1MSD

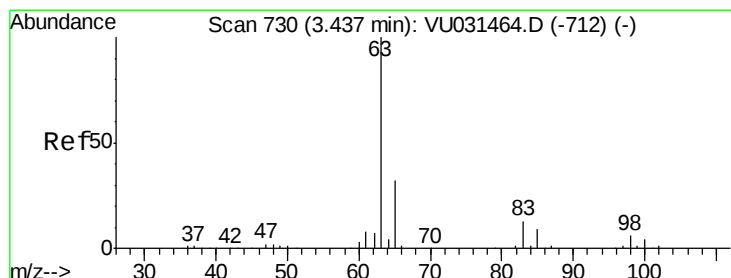
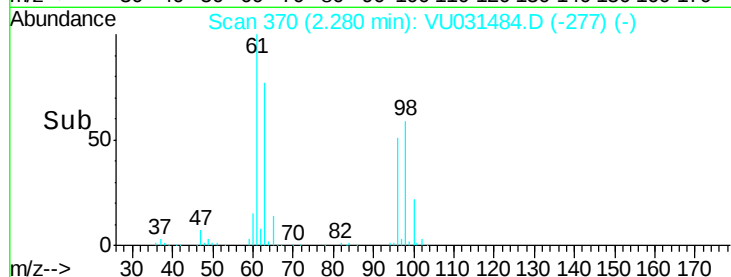
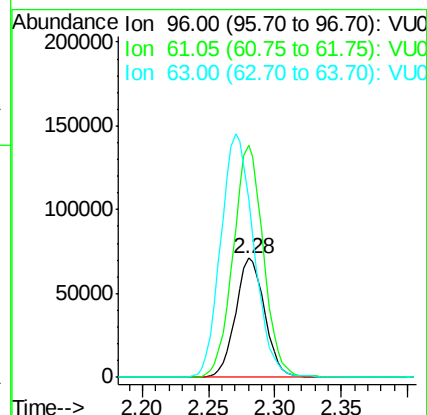
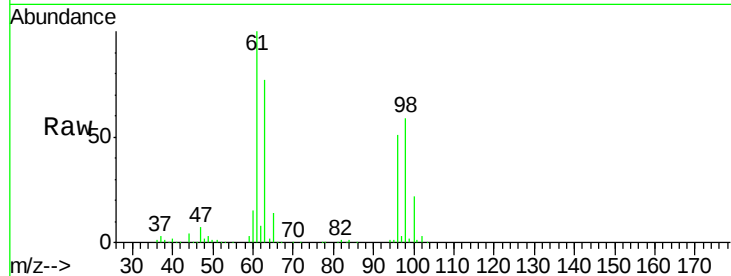
Tot Ion: 96 Resp: 108697

Ion Ratio Lower Upper

96 100

61 195.6 131.3 243.8

63 149.9 101.9 189.3



#19

1,1-Dichloroethane

Concen: 0.167 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU031484.D

Acq: 24 Apr 2019 20:45

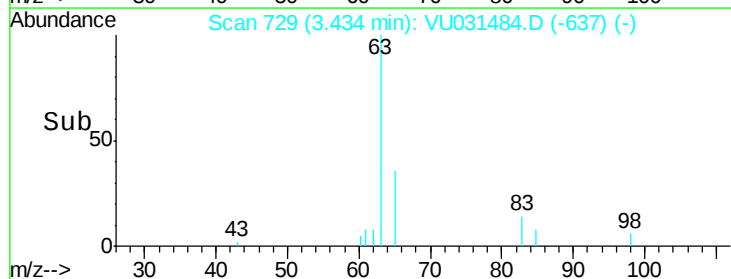
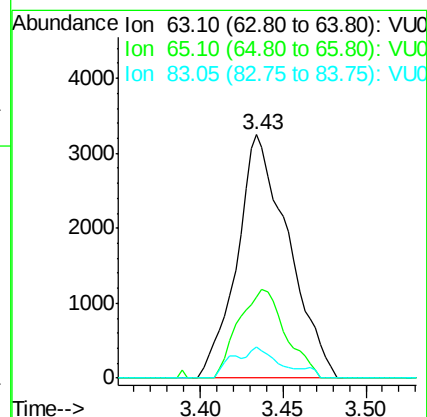
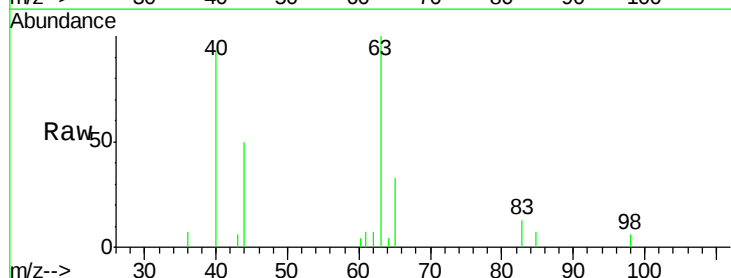
Tgt Ion: 63 Resp: 6994

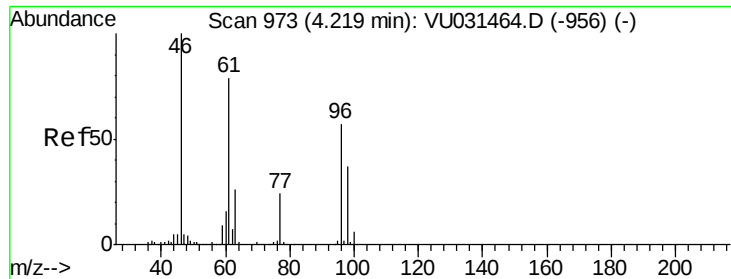
Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.5

83 12.6 8.5 15.9

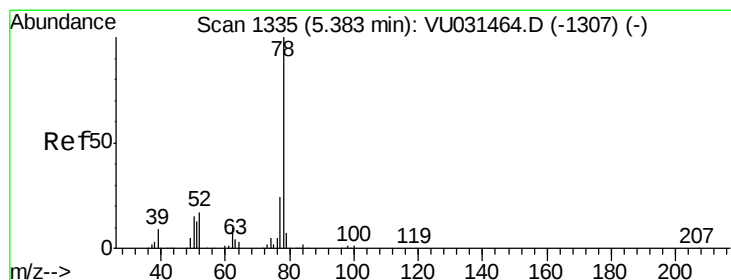
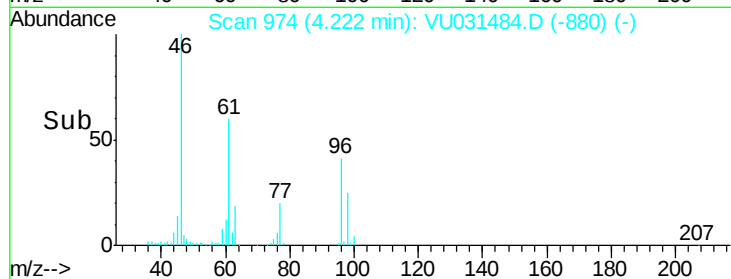
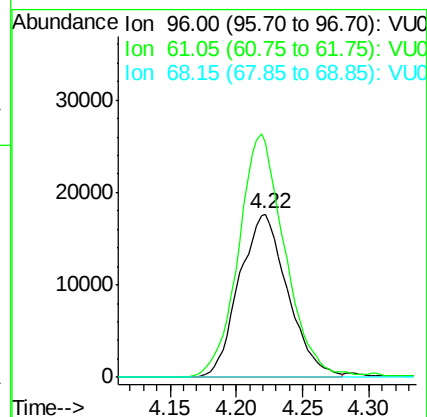
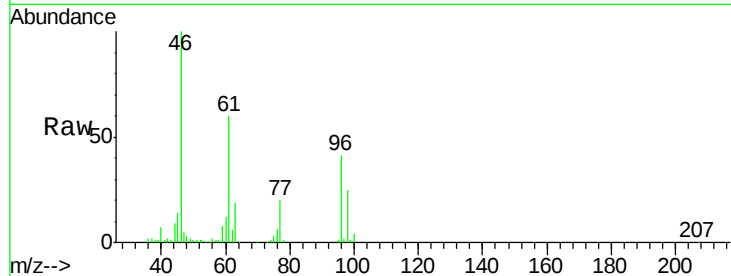




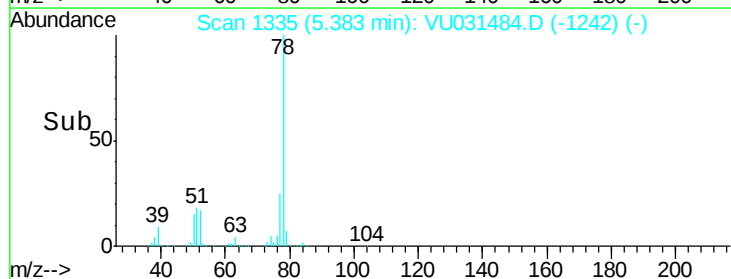
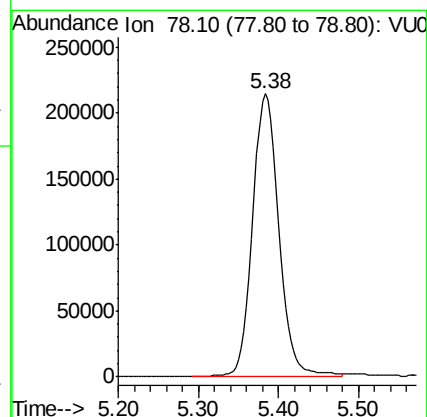
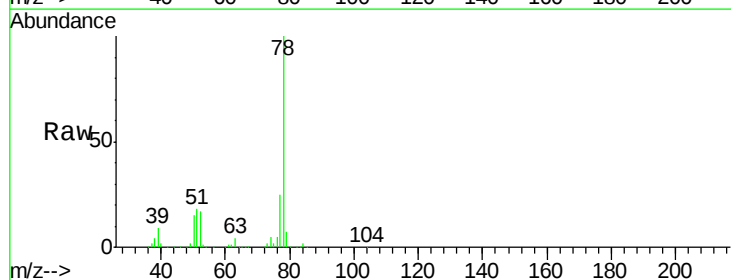
#22
 cis-1,2-Dichloroethene
 Concen: 1.970 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031484.D
 Acq: 24 Apr 2019 20:45

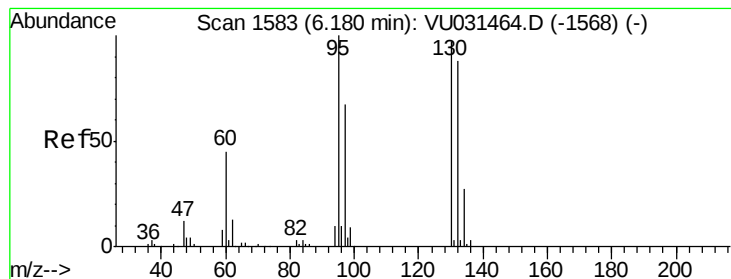
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MSD

Tot Ion: 96 Resp: 44879
 Ion Ratio Lower Upper
 96 100
 61 144.0 94.8 176.2
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 5.200 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VU031484.D
 Acq: 24 Apr 2019 20:45
 Tgt Ion: 78 Resp: 479536





#34

Trichloroethene

Concen: 4.898 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031484.D

Acq: 24 Apr 2019 20:45

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1MSD

Tot Ion: 95 Resp: 119050

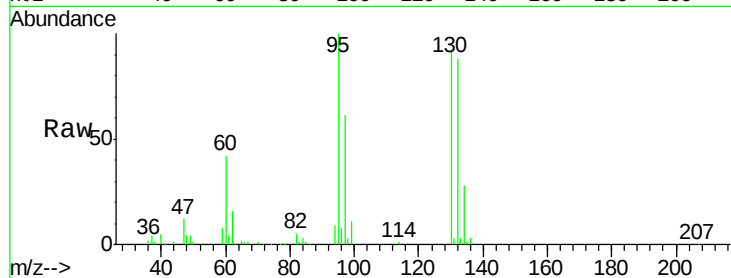
Ion Ratio Lower Upper

95 100

97 60.6 44.3 82.3

132 88.5 59.9 111.3

130 91.9 67.1 124.5

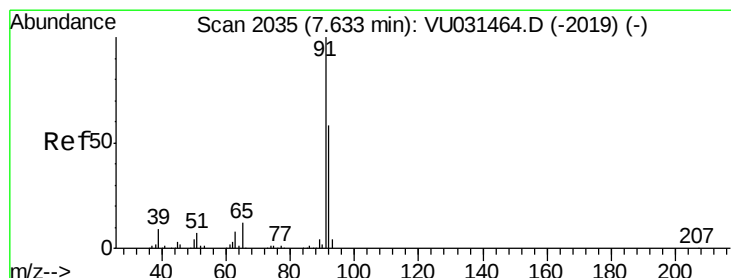
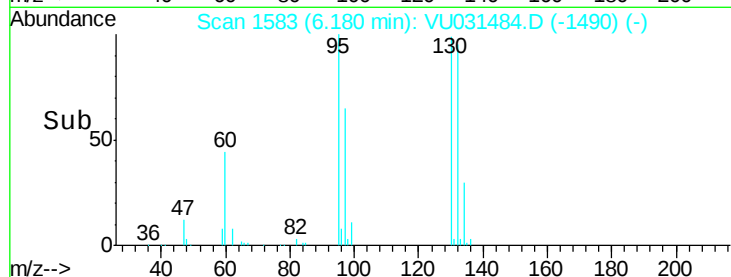
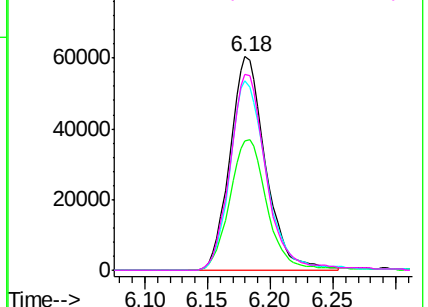


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.911 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031484.D

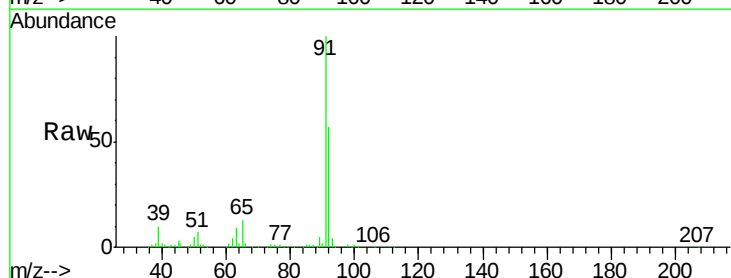
Acq: 24 Apr 2019 20:45

Tgt Ion: 91 Resp: 454607

Ion Ratio Lower Upper

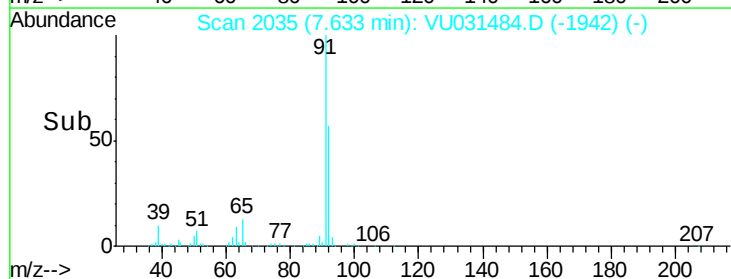
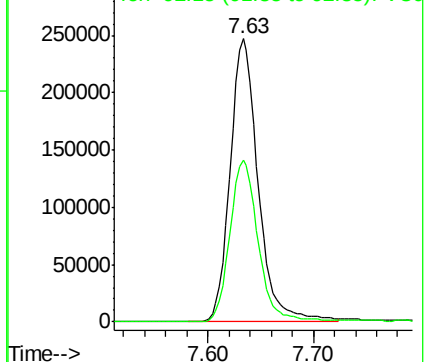
91 100

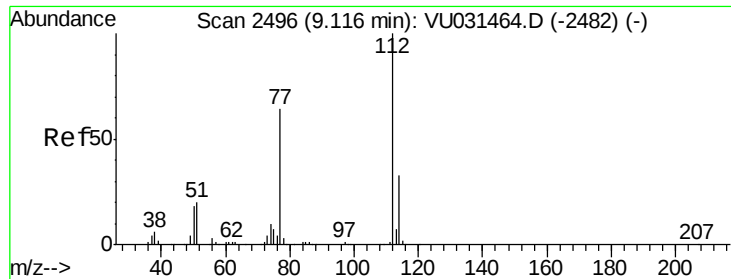
92 57.4 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 5.153 ug/L
 RT: 9.12 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: VU031484.D
 Acq: 24 Apr 2019 20:45

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.9	40.7
77	65.3	48.9	73.3

