

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025576.D
 Acq On : 21 Jul 2018 11:44
 Operator : MD/SY
 Sample : J4097-09MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:12:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	294713	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274818	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77314	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.90%
7) Chloroethane-d5	1.68	69	67150	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.28	63	170405	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
21) 2-Butanone-d5	4.18	46	136808	105.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	4.65	84	185014	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
26) 1,2-Dichloroethane-d4	5.31	65	128561	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
32) Benzene-d6	5.35	84	365767	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
36) 1,2-Dichloropropane-d6	6.34	67	117930	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.86%
41) Toluene-d8	7.57	98	346458	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%
43) trans-1,3-Dichloropropene-	7.85	79	58688	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
47) 2-Hexanone-d5	8.31	63	102023	107.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.29%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159705	50.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	142843	53.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.70%

Target Compounds

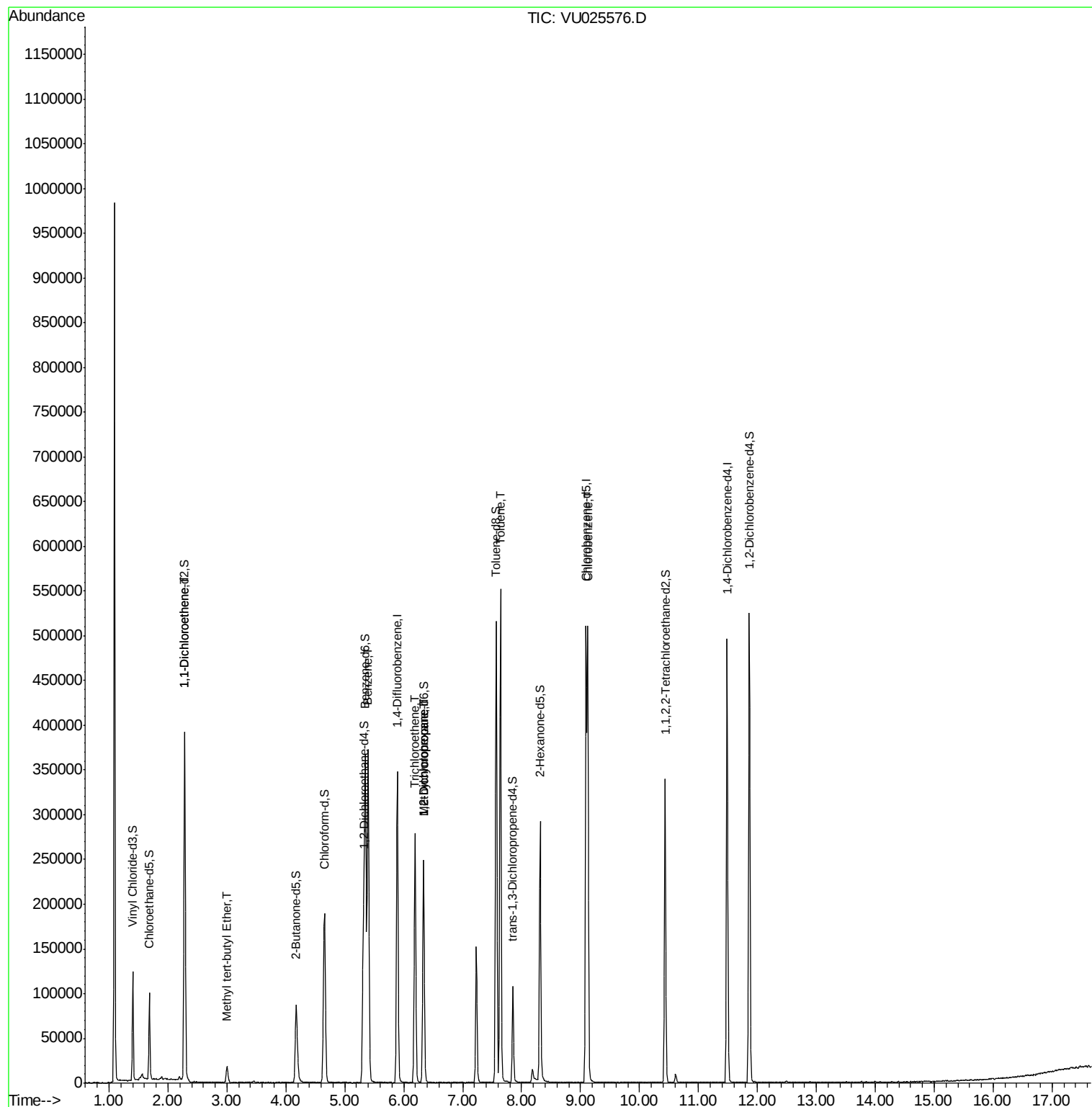
					Ovalue
12) 1,1-Dichloroethene	2.29	96	74767	44.953	ug/L 96
18) Methyl tert-butyl Ether	3.00	73	19795	3.174	ug/L 99
33) Benzene	5.39	78	365736	46.317	ug/L 100
34) Trichloroethene	6.19	95	94506	45.107	ug/L 98
35) Methylcyclohexane	6.34	83	28370	8.398	ug/L # 19
37) 1,2-Dichloropropane	6.34	63	13070	6.057	ug/L # 88
42) Toluene	7.64	91	398919	46.846	ug/L 100
51) Chlorobenzene	9.12	112	263054	45.885	ug/L 98

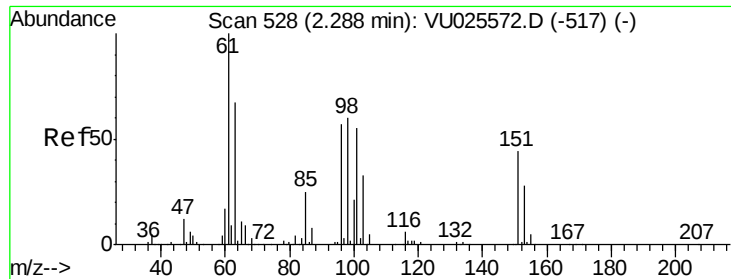
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025576.D
Acq On : 21 Jul 2018 11:44
Operator : MD/SY
Sample : J4097-09MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 23 01:12:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 23 01:10:42 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 44.953 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

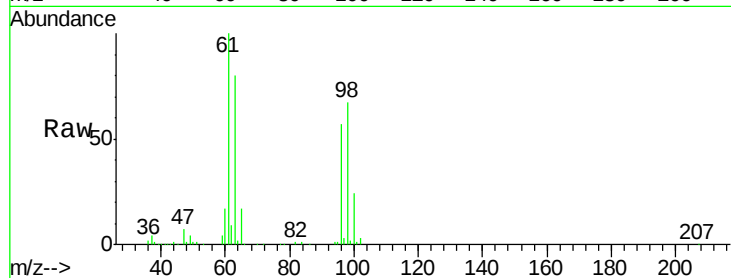
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 74767

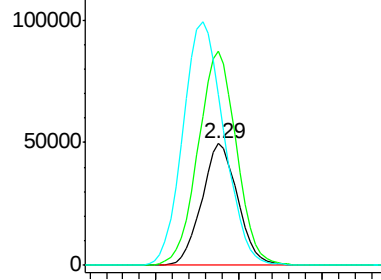
Ion	Ratio	Lower	Upper
96	100		
61	175.3	122.5	227.5
63	139.9	90.9	168.9



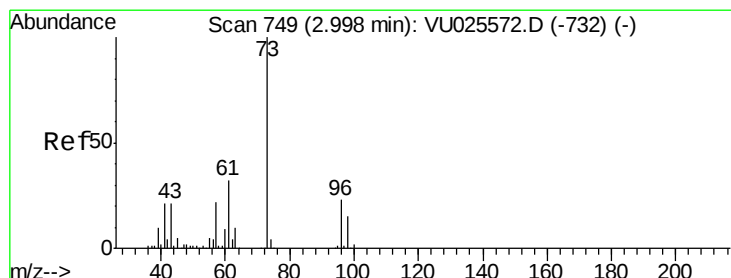
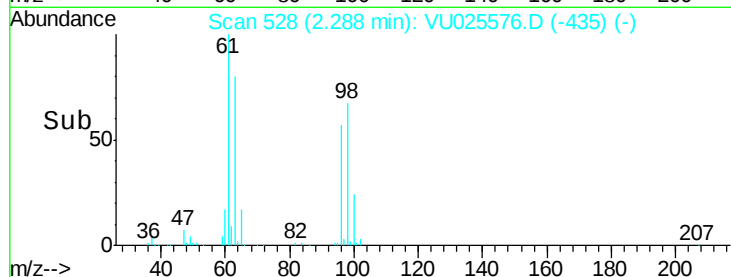
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->



#18

Methyl tert-butyl Ether

Concen: 3.174 ug/L

RT: 3.00 min Scan# 749

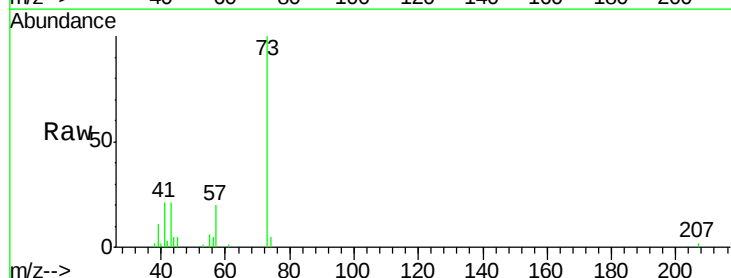
Delta R.T. -0.00 min

Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

Tgt Ion: 73 Resp: 19795

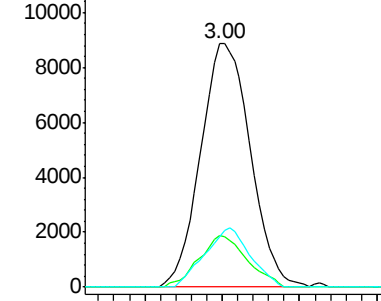
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.2
57	22.1	17.1	25.7



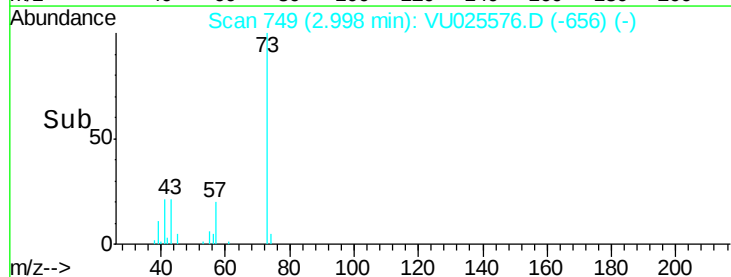
Abundance Ion 73.00 (72.70 to 73.70): VU0

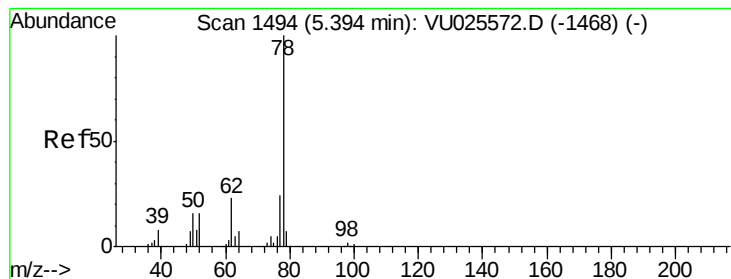
Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#33

Benzene

Concen: 46.317 ug/L

RT: 5.39 min Scan# 1494

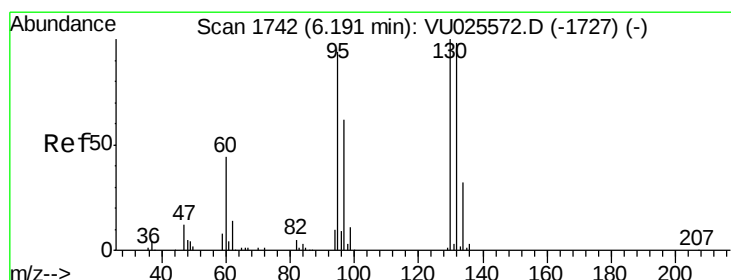
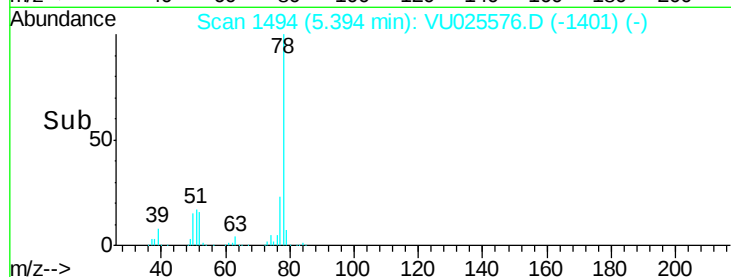
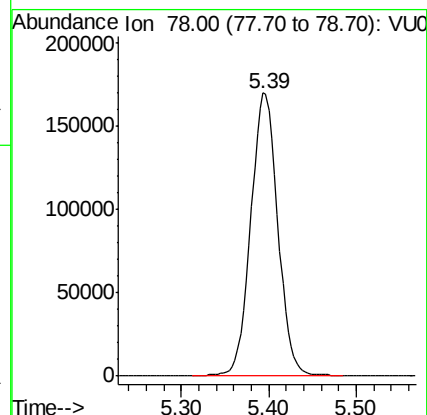
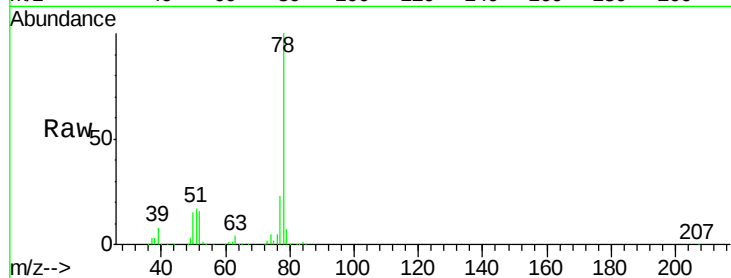
Delta R.T. -0.00 min

Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 365736



#34

Trichloroethene

Concen: 45.107 ug/L

RT: 6.19 min Scan# 1742

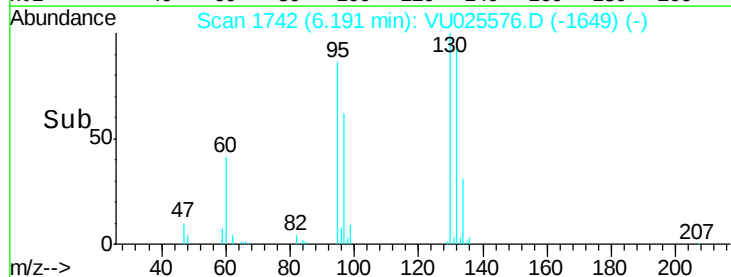
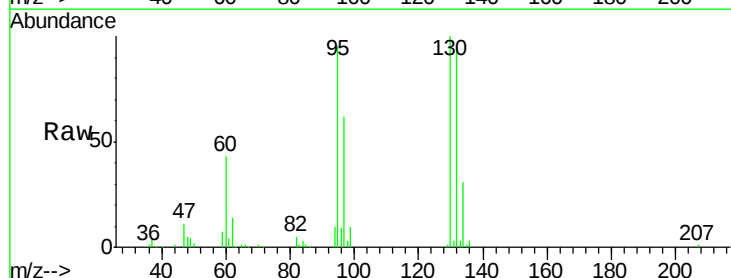
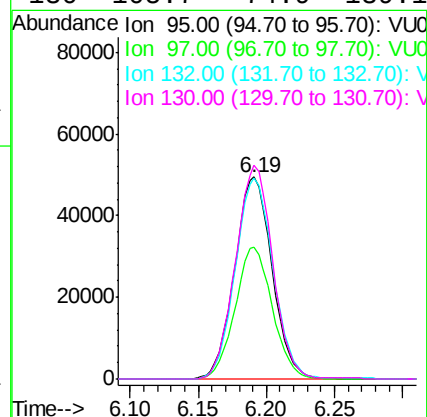
Delta R.T. -0.00 min

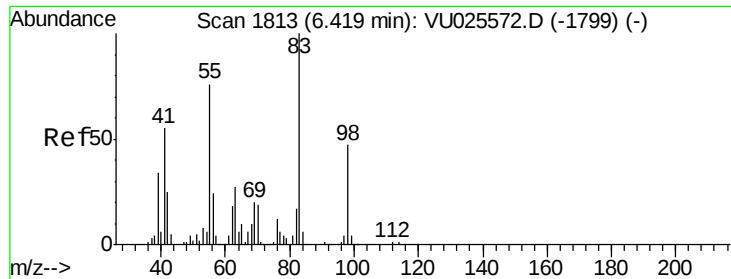
Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

Tgt Ion: 95 Resp: 94506

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.9	85.3
132	99.5	72.2	134.2
130	105.7	74.9	139.1

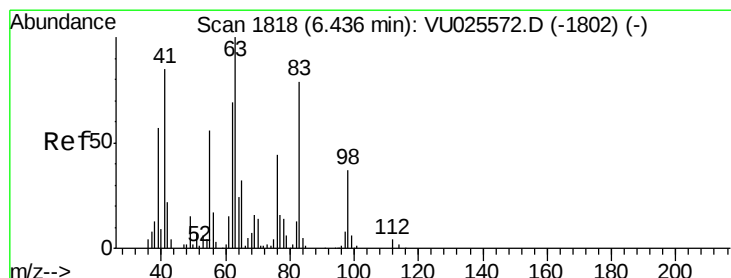
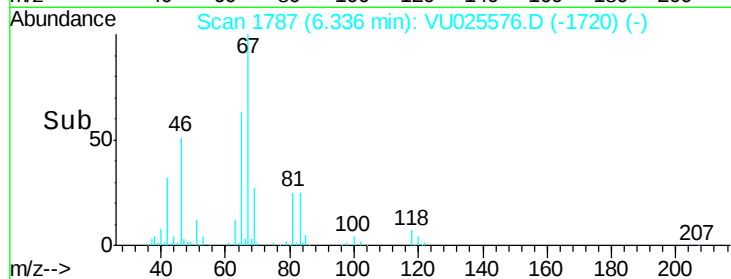
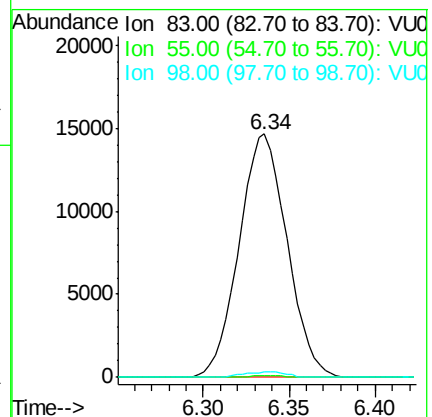
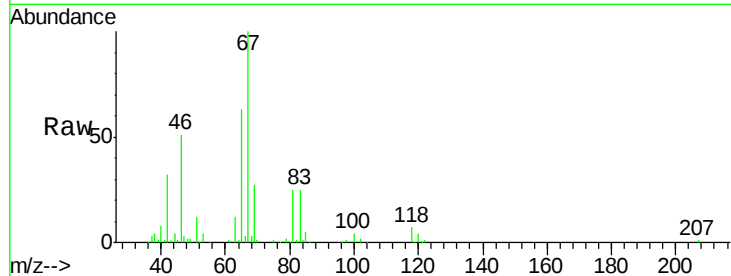




#35
Methvlcvclohexane
Concen: 8.398 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025576.D
Acq: 21 Jul 2018 11:44

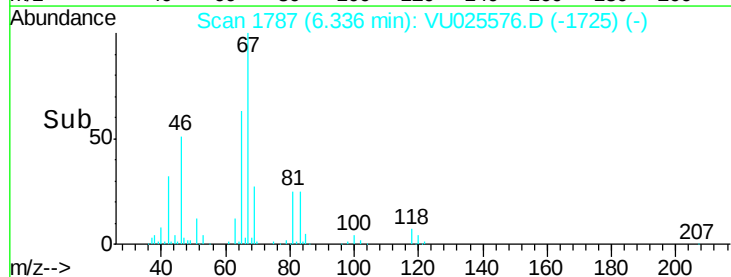
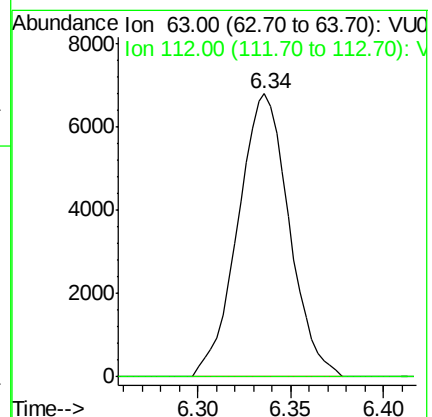
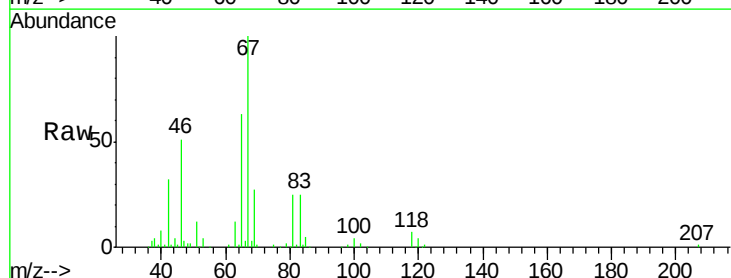
Instrument :
MSVOA_U
ClientSampleId :

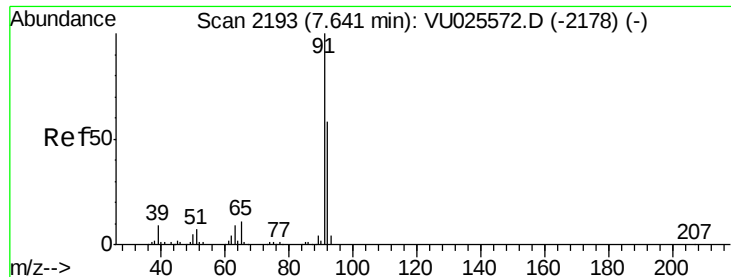
Tot Ion: 83 Resp: 28370
Ion Ratio Lower Upper
83 100
55 0.2 61.1 91.7#
98 1.9 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 6.057 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025576.D
Acq: 21 Jul 2018 11:44

Tgt Ion: 63 Resp: 13070
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#42

Toluene

Concen: 46.846 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

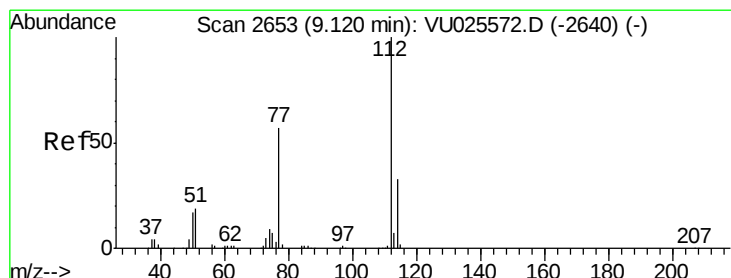
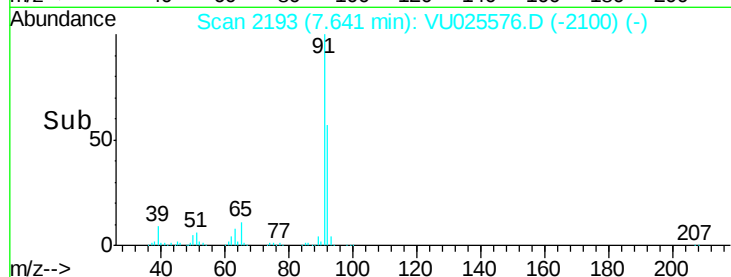
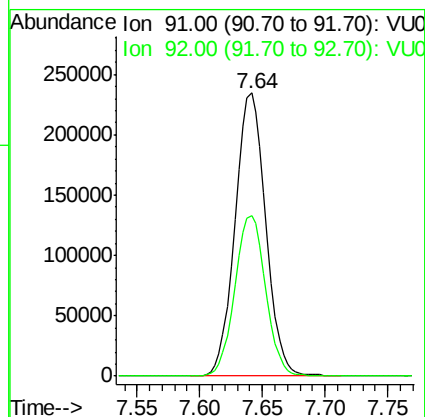
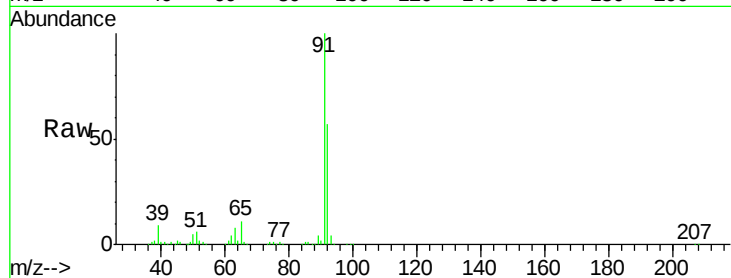
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 398919

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.2



#51

Chlorobenzene

Concen: 45.885 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025576.D

Acq: 21 Jul 2018 11:44

Tgt Ion: 112 Resp: 263054

Ion Ratio Lower Upper

112 100

114 31.3 22.5 41.9

77 55.5 45.8 68.8

