

Data File : VU036384.D
Acq On : 31 Dec 2019 12:33
Operator : JC/MD
Sample : K6459-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

Quant Time: Jan 01 01:22:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 01:19:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	79674	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.93	69	82592	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.60	63	172996	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.68	46	249969	44.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.04%
24) Chloroform-d	5.11	84	170638	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.75	65	100714	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.77	84	344168	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.73	67	115060	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.93	98	320711	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.21	79	49805	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.67	63	222503	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91479	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	90578	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.61	96	87164	4.674 ug/L	95
13) Acetone	2.66	43	7796	2.131 ug/L	88
14) Carbon disulfide	2.83	76	14532	0.238 ug/L	100
27) 1,2-Dichloroethane	5.82	62	3971	0.150 ug/L #	92
33) Benzene	5.82	78	401378	4.619 ug/L	100
34) Trichloroethene	6.58	95	105449	4.506 ug/L	99
35) Methylcyclohexane	6.73	83	27439	0.740 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	13098	0.584 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	4260	0.116 ug/L #	67
42) Toluene	8.00	91	442568	4.603 ug/L	99
48) 2-Hexanone	8.68	43	32095	2.872 ug/L #	51
51) Chlorobenzene	9.47	112	274322	4.576 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	14790	0.956 ug/L #	83

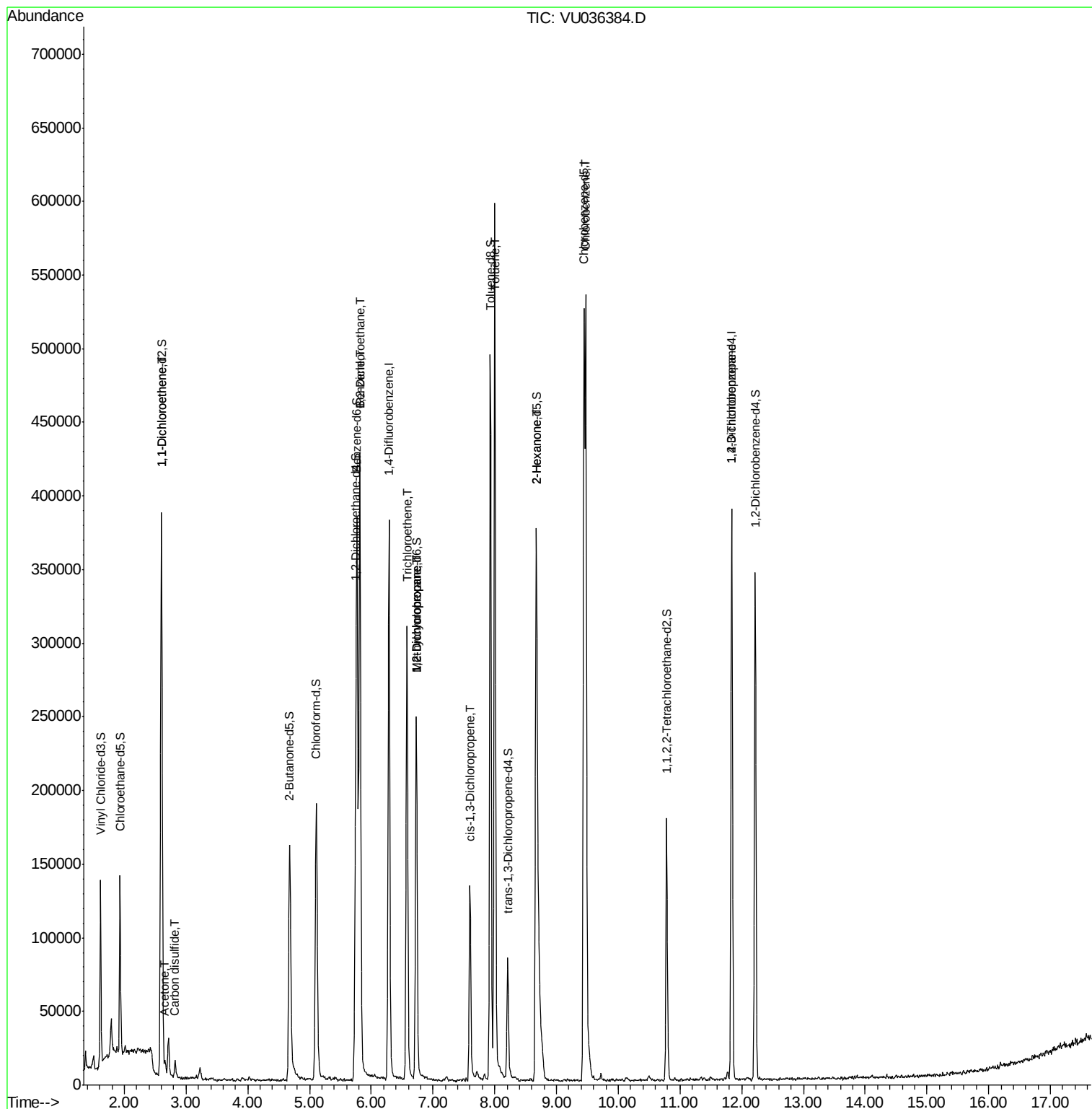
(#) = qualifier out of range (m) = manual integration (+) = signals summed

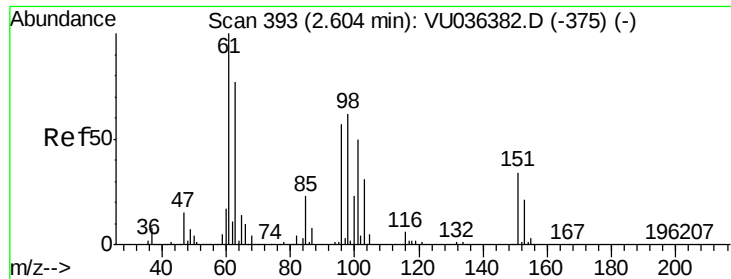
Data File : VU036384.D

```
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 01 01:19:59 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.674 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

H0BP0MS

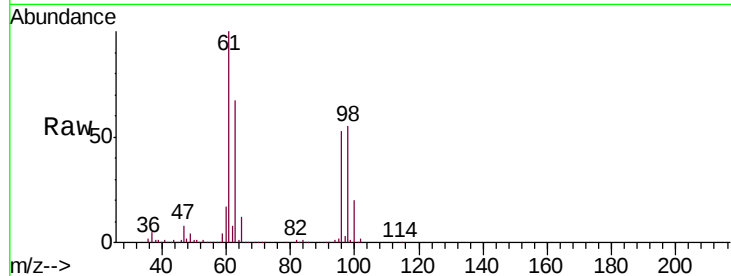
Tgt Ion: 96 Resp: 87164

Ion Ratio Lower Upper

96 100

61 189.0 123.8 230.0

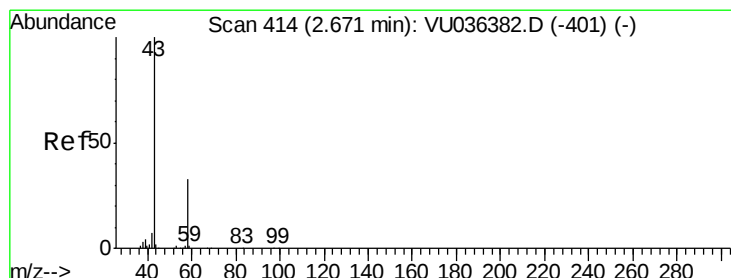
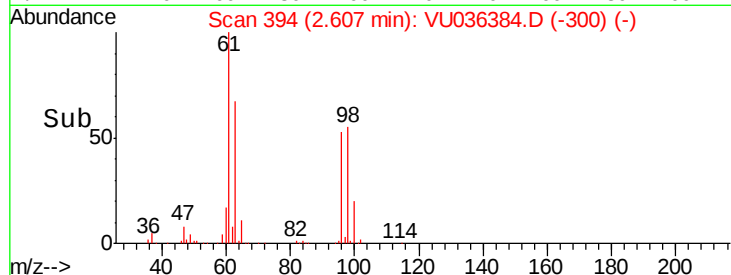
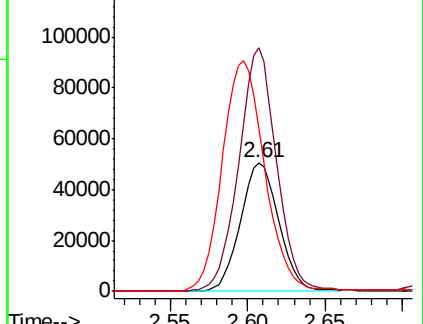
63 127.0 89.0 165.4



Abundance Ion 96.00 (95.70 to 96.70): VU036384.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU036384.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU036384.D (-300) (-)



#13

Acetone

Concen: 2.131 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036384.D

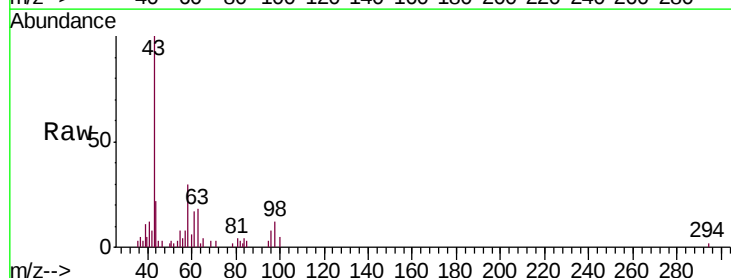
Acq: 31 Dec 2019 12:33

Tgt Ion: 43 Resp: 7796

Ion Ratio Lower Upper

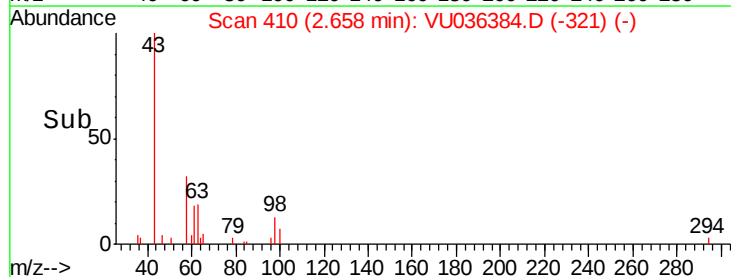
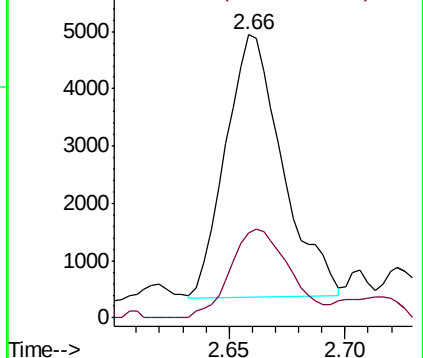
43 100

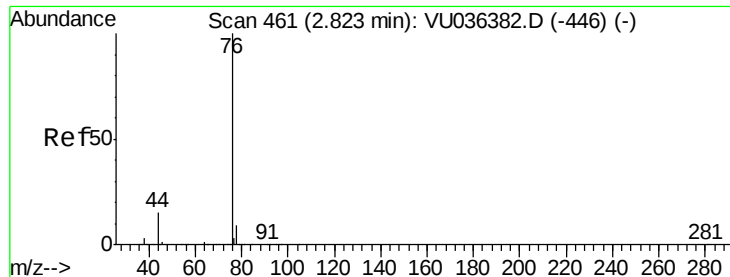
58 34.9 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VU036384.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036384.D (-321) (-)





#14

Carbon disulfide

Concen: 0.238 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

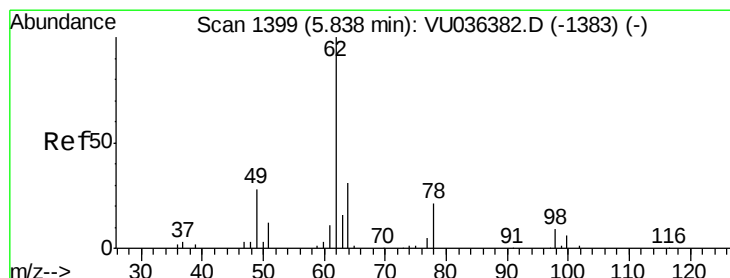
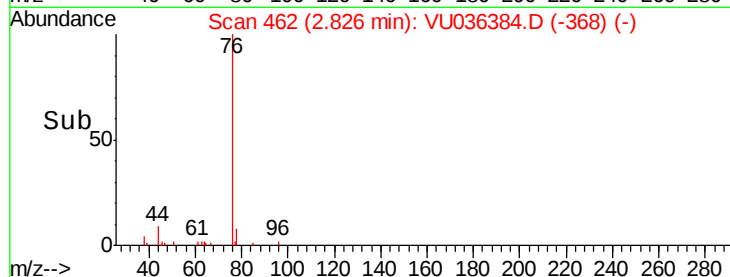
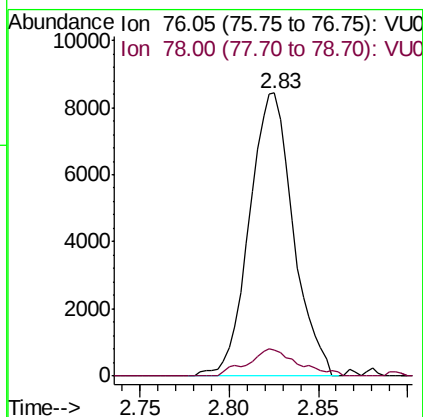
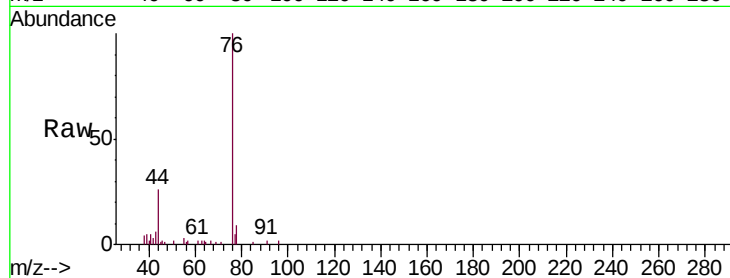
H0BP0MS

Tgt Ion: 76 Resp: 14532

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4



#27

1,2-Dichloroethane

Concen: 0.150 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. -0.02 min

Lab File: VU036384.D

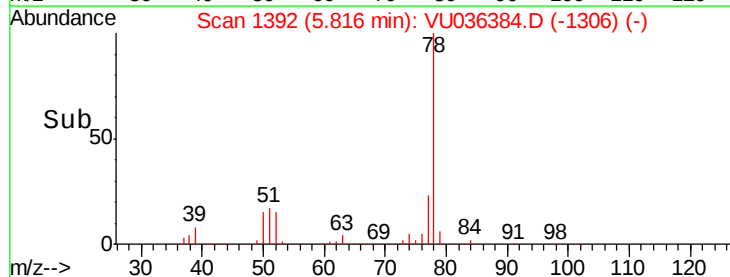
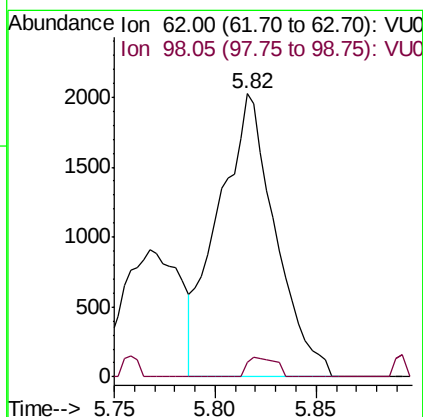
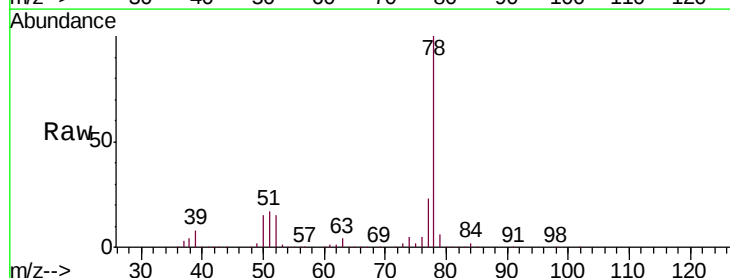
Acq: 31 Dec 2019 12:33

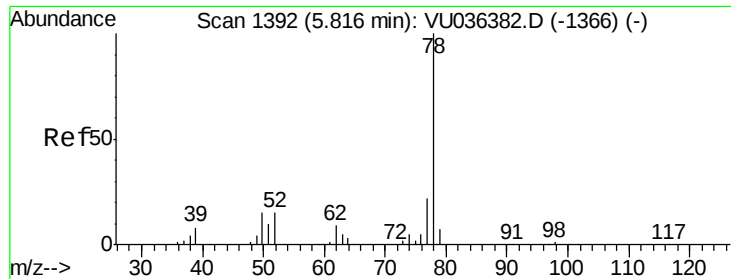
Tgt Ion: 62 Resp: 3971

Ion Ratio Lower Upper

62 100

98 5.3 6.6 10.0#





#33

Benzene

Concen: 4.619 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

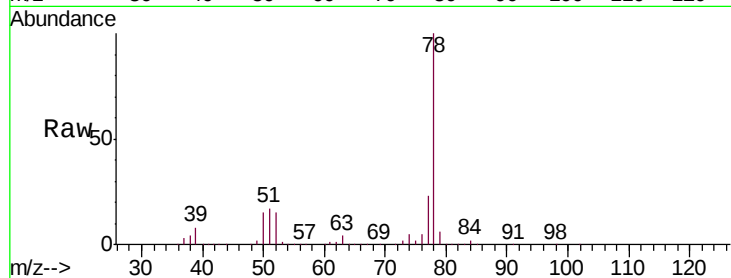
Instrument :

MSVOA_U

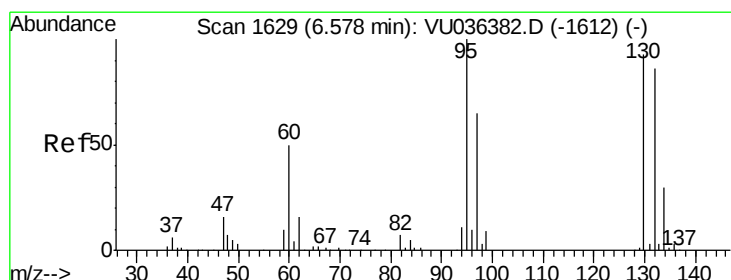
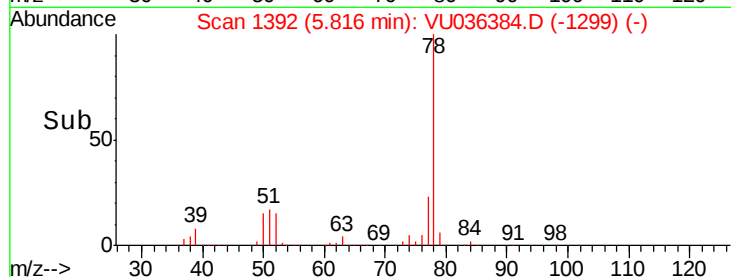
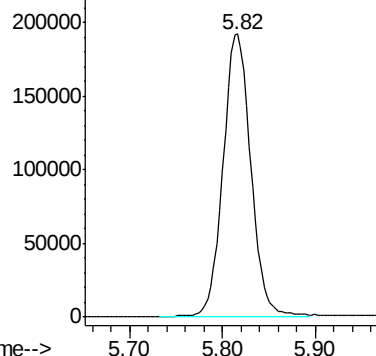
ClientSampleId :

H0BPOMS

Tgt Ion: 78 Resp: 401378



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.506 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Tgt Ion: 95 Resp: 105449

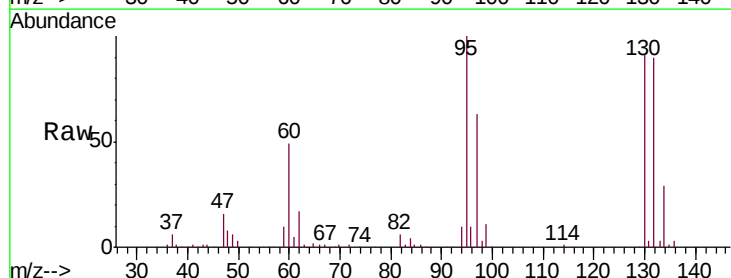
Ion	Ratio	Lower	Upper
95	100		
97	62.9	42.9	79.7
132	90.3	62.4	116.0
130	90.9	62.9	116.9

95 100

97 62.9 42.9 79.7

132 90.3 62.4 116.0

130 90.9 62.9 116.9

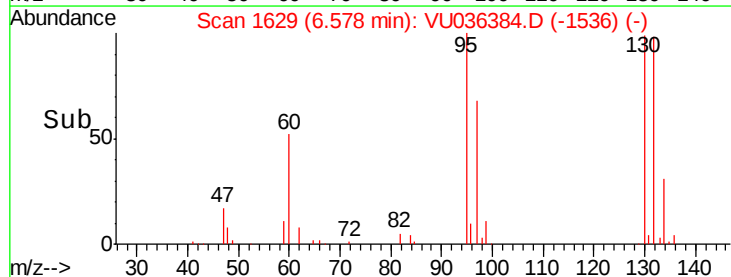
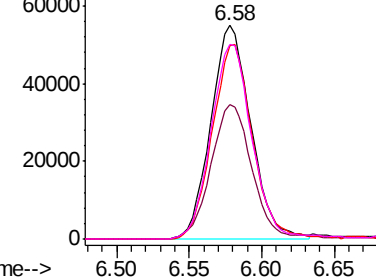


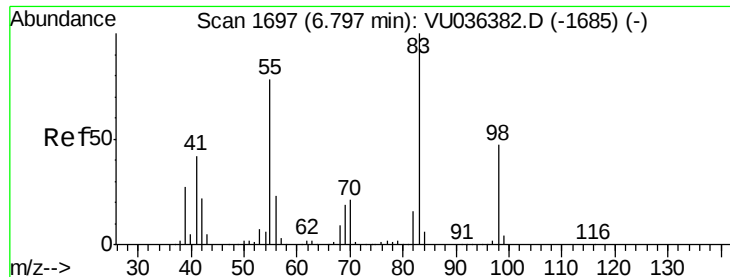
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

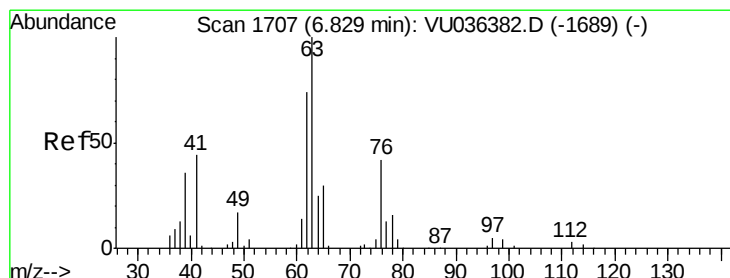
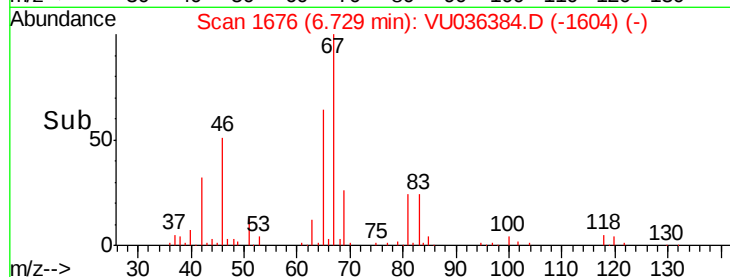
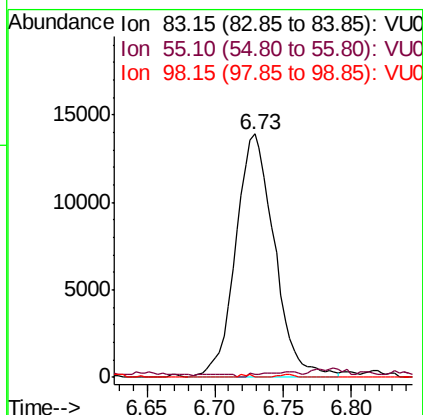
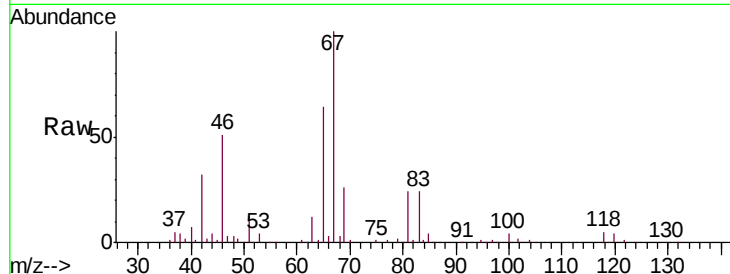




#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036384.D
Acq: 31 Dec 2019 12:33

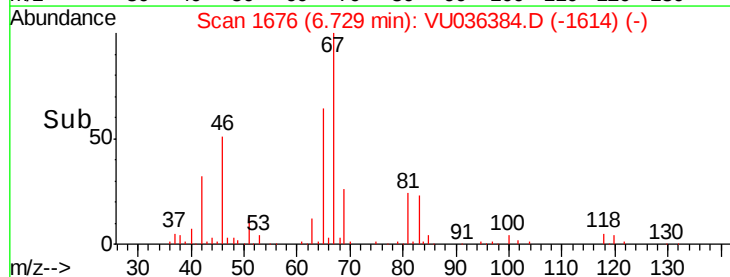
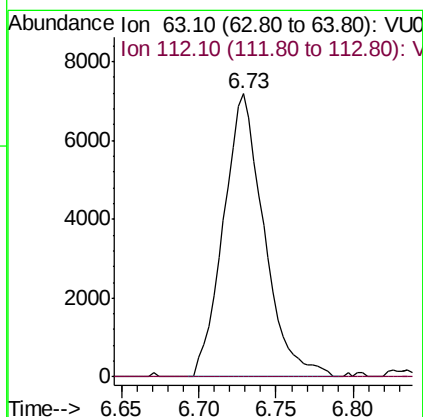
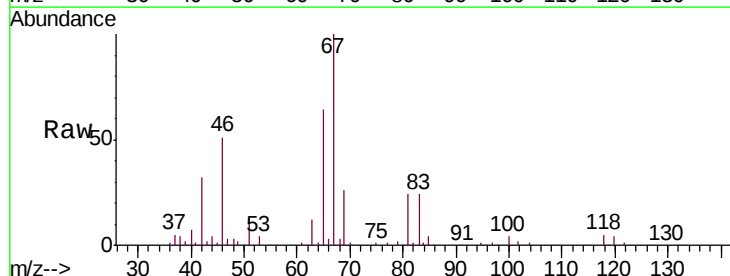
Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

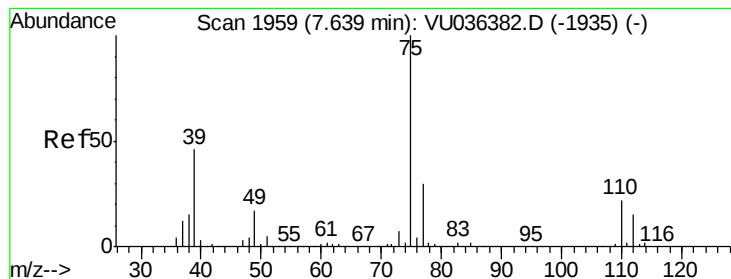
Tgt Ion: 83 Resp: 27439
Ion Ratio Lower Upper
83 100
55 2.2 61.5 92.3#
98 0.0 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036384.D
Acq: 31 Dec 2019 12:33

Tgt Ion: 63 Resp: 13098
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

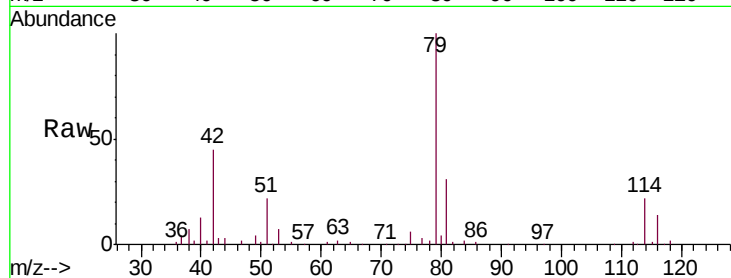
H0BPOMS

Tgt Ion: 75 Resp: 4260

Ion Ratio Lower Upper

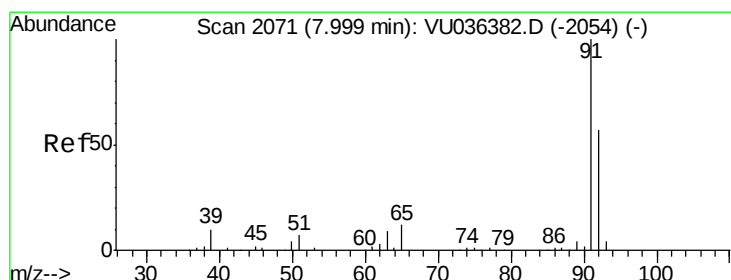
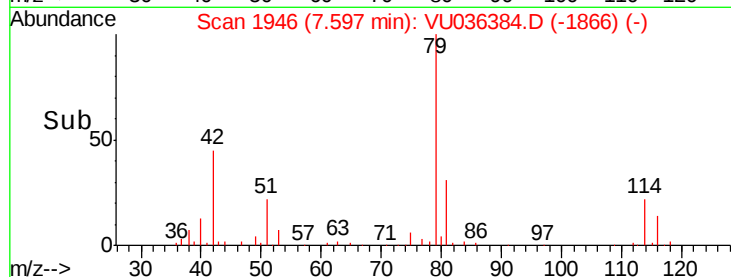
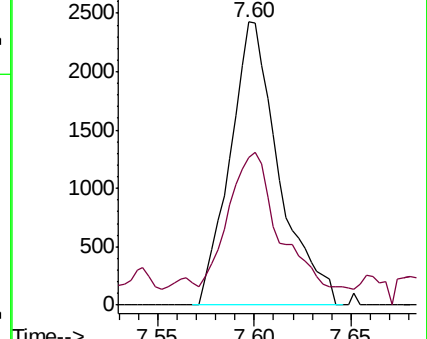
75 100

77 52.0 23.2 43.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 4.603 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036384.D

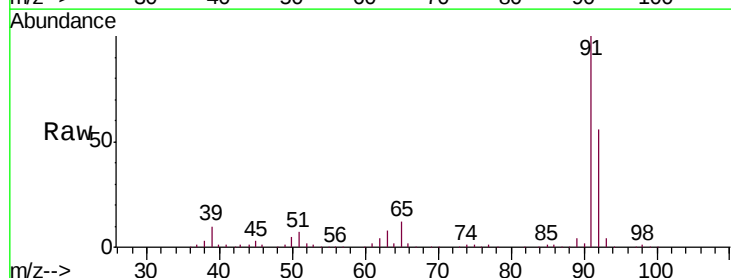
Acq: 31 Dec 2019 12:33

Tgt Ion: 91 Resp: 442568

Ion Ratio Lower Upper

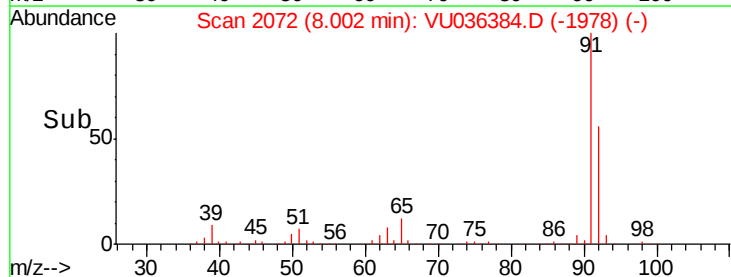
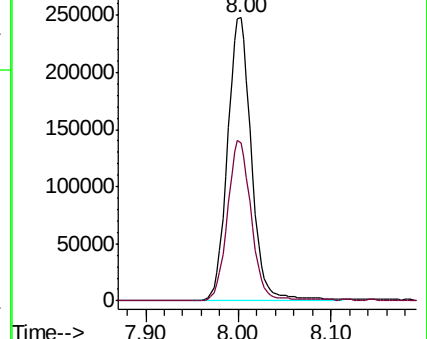
91 100

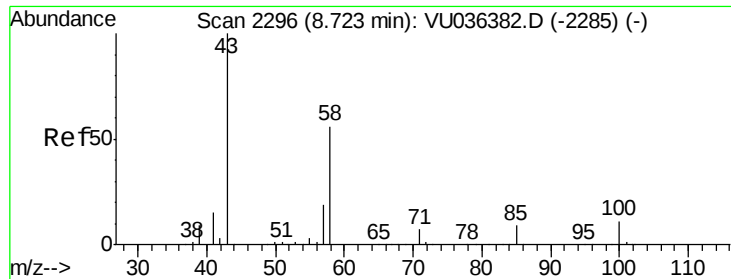
92 55.9 39.5 73.3



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

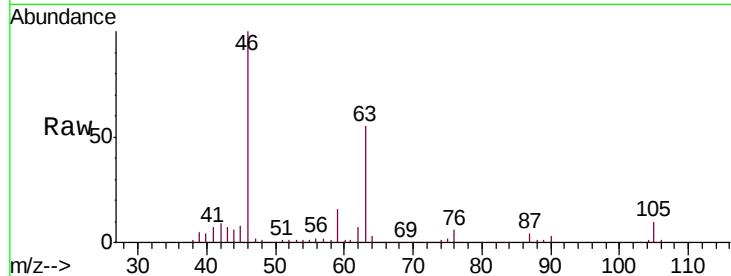




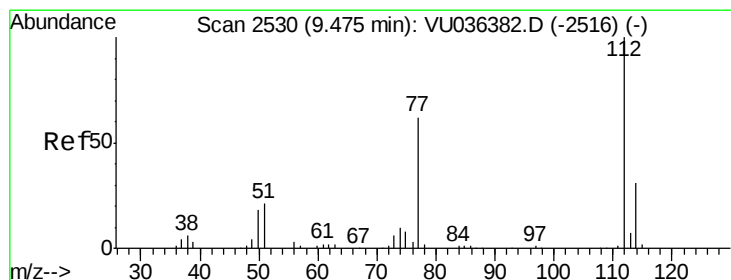
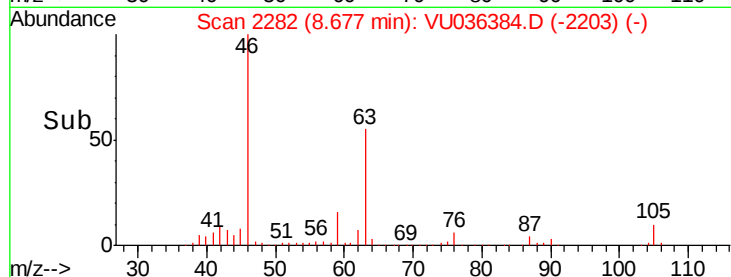
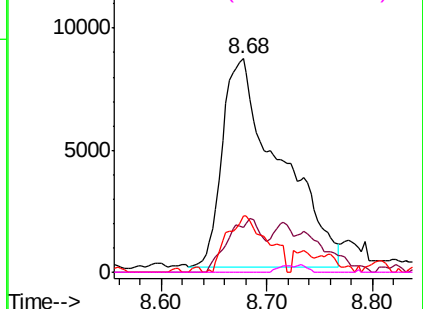
#48
2-Hexanone
Concen: 2.872 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VU036384.D
Acq: 31 Dec 2019 12:33

Instrument :
MSVOA_U
ClientSampleId :
H0BPOMS

Tgt Ion	Ratio	Lower	Upper
43	100		
58	3.9	42.7	64.1#
57	16.8	14.6	22.0
100	0.0	9.0	13.6#

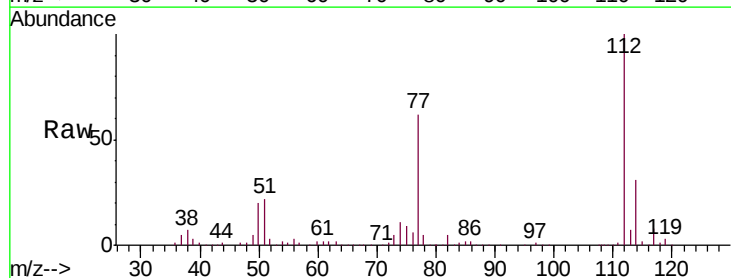


Abundance Ion 43.05 (42.75 to 43.75): VU036384.D (-2285) (-)

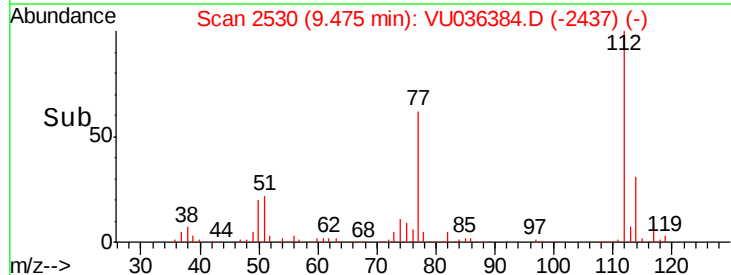
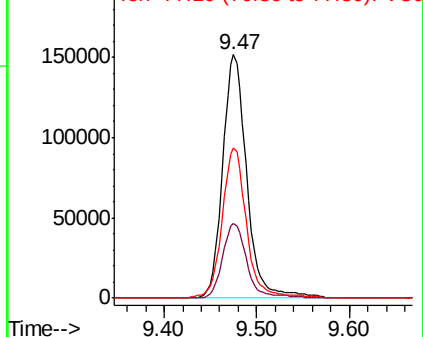


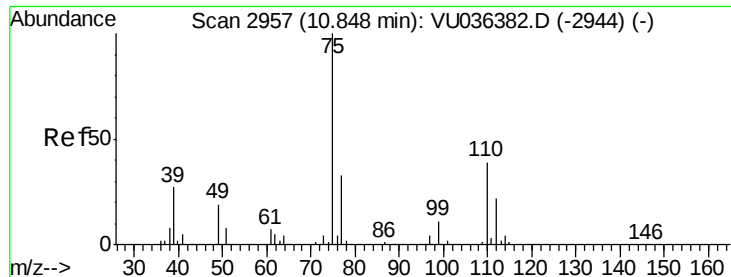
#51
Chlorobenzene
Concen: 4.576 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036384.D
Acq: 31 Dec 2019 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.7	42.3
77	61.8	47.8	71.8



Abundance Ion 112.10 (111.80 to 112.80): VU036384.D (-2516) (-)





#59

1,2,3-Trichloropropane

Concen: 0.956 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

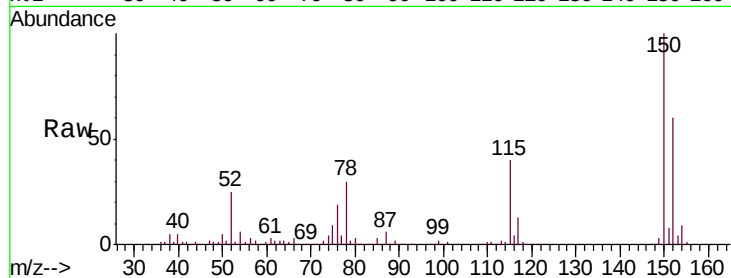
H0BP0MS

Tgt Ion: 75 Resp: 14790

Ion Ratio Lower Upper

75 100

77 43.4 27.0 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

