

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025840.D
 Acq On : 03 Aug 2018 23:51
 Operator : MD/SY
 Sample : J4340-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F81

Quant Time: Aug 04 01:01:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319940	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	300395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138924	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72672	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.68	69	63535	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.34%
11) 1,1-Dichloroethene-d2	2.27	63	121134	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	4.18	46	137914	97.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.65	84	174532	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	123786	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.35	84	341947	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.34	67	111414	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.57	98	313988	42.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	51950	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.31	63	96579	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152140	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	125742	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%

Target Compounds

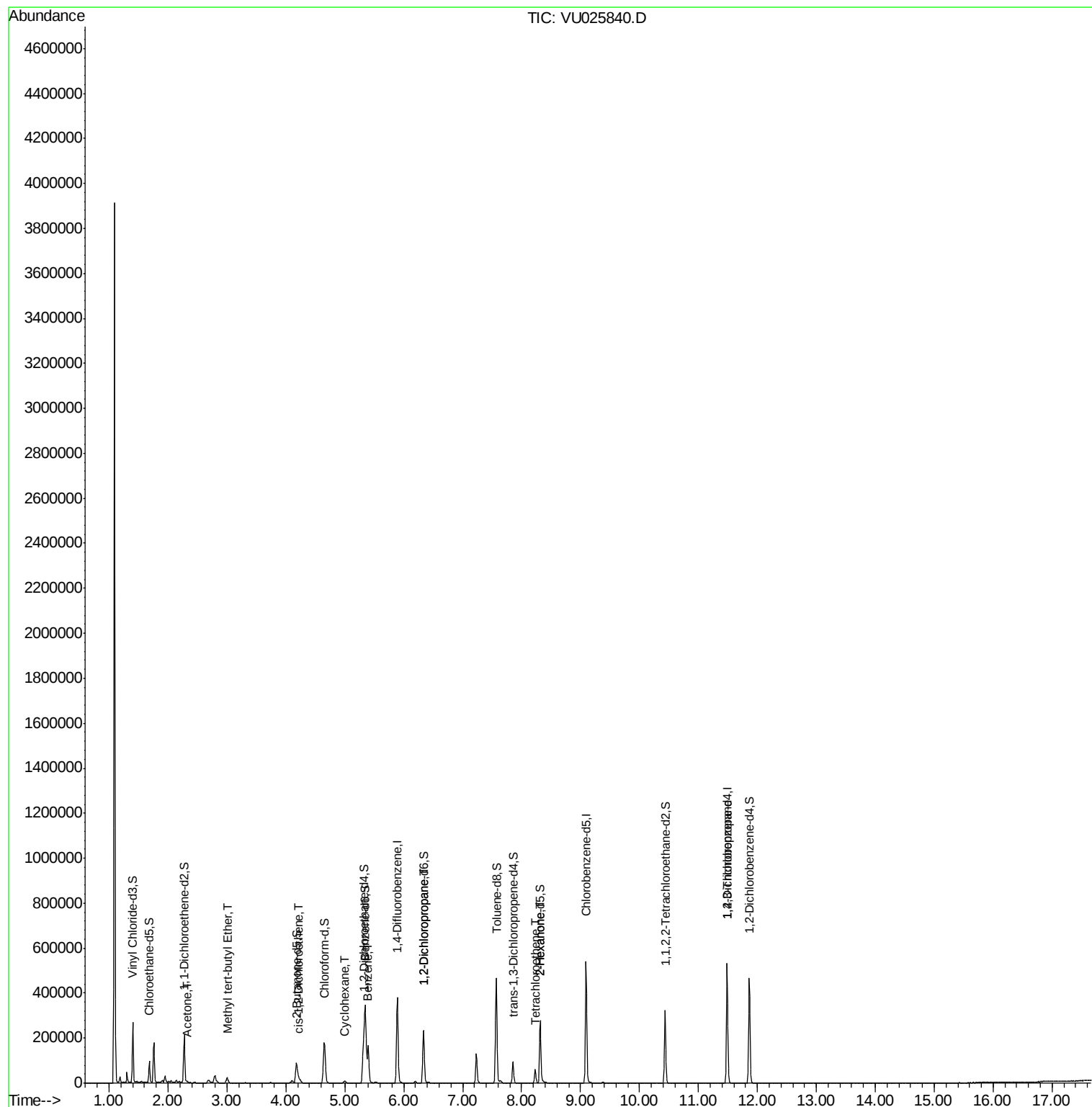
					Qvalue
13) Acetone	2.32	43	6006	3.629 ug/L	84
18) Methyl tert-butyl Ether	3.00	73	21076	3.113 ug/L #	89
20) cis-1,2-Dichloroethene	4.23	96	6728	2.867 ug/L	99
29) Cyclohexane	5.00	56	4849	1.393 ug/L	93
33) Benzene	5.39	78	160074	18.546 ug/L	100
37) 1,2-Dichloropropane	6.33	63	12523	5.309 ug/L #	88
46) Tetrachloroethene	8.23	164	13791	6.946 ug/L	97
48) 2-Hexanone	8.31	43	12402	4.739 ug/L #	70
59) 1,2,3-Trichloropropane	11.49	75	15600	5.631 ug/L #	80

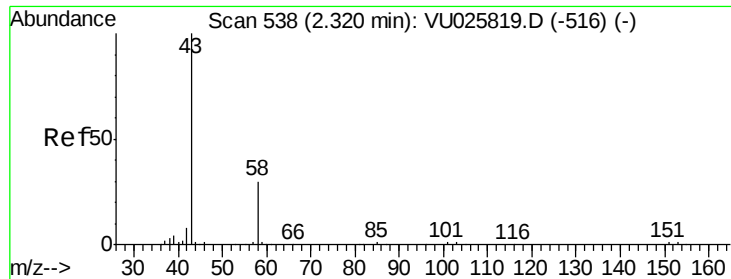
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
Data File : VU025840.D
Acq On : 03 Aug 2018 23:51
Operator : MD/SY
Sample : J4340-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E5F81

Quant Time: Aug 04 01:01:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 03 23:51:54 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.629 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

Instrument :

MSVOA_U

ClientSampled :

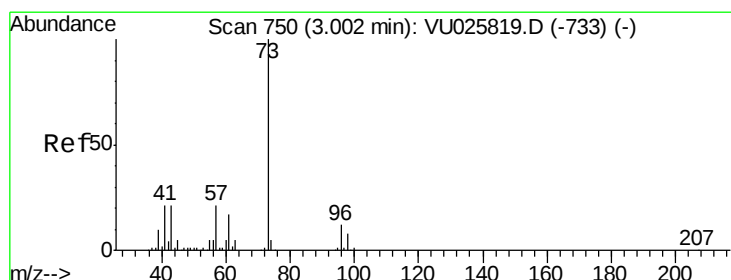
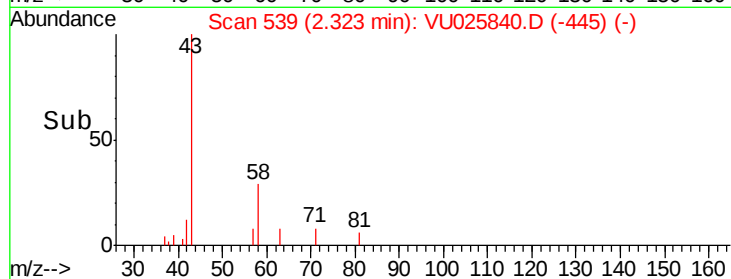
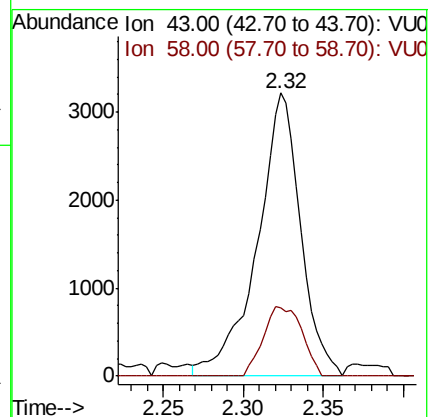
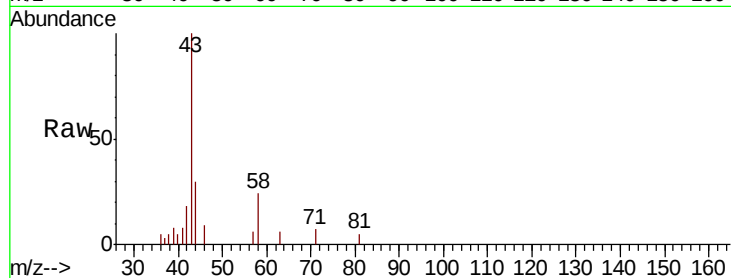
E5F81

Tgt Ion: 43 Resp: 6006

Ion Ratio Lower Upper

43 100

58 22.0 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 3.113 ug/L

RT: 3.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

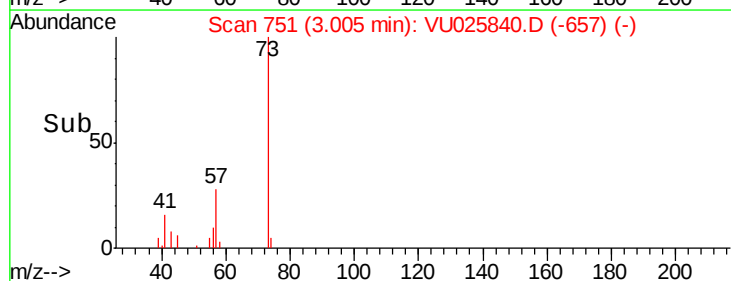
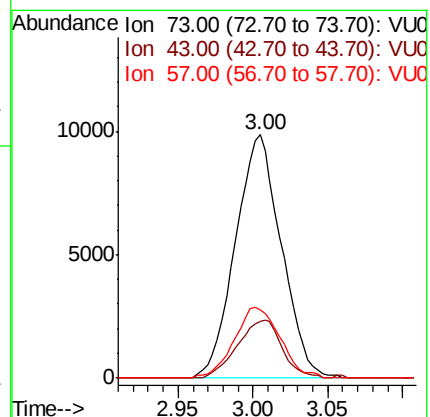
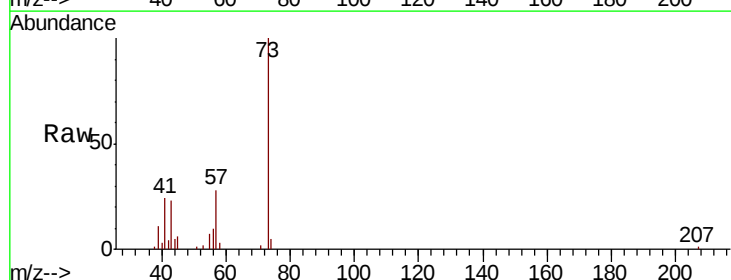
Tgt Ion: 73 Resp: 21076

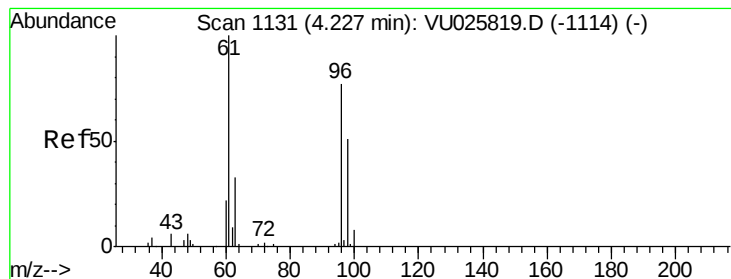
Ion Ratio Lower Upper

73 100

43 23.2 16.2 24.2

57 28.6 17.1 25.7#





#20

cis-1,2-Dichloroethene

Concen: 2.867 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

Instrument :

MSVOA_U

ClientSampleId :

E5F81

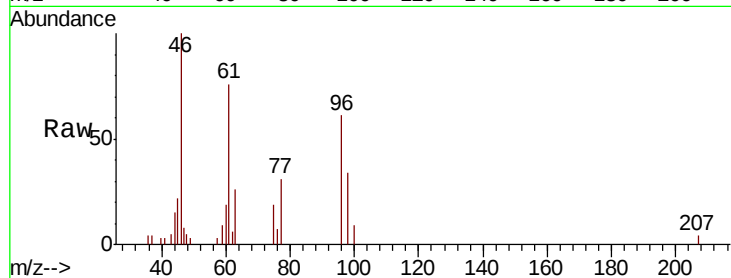
Tgt Ion: 96 Resp: 6728

Ion Ratio Lower Upper

96 100

61 126.2 87.4 162.2

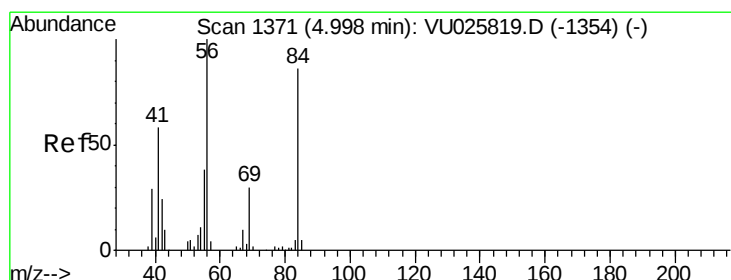
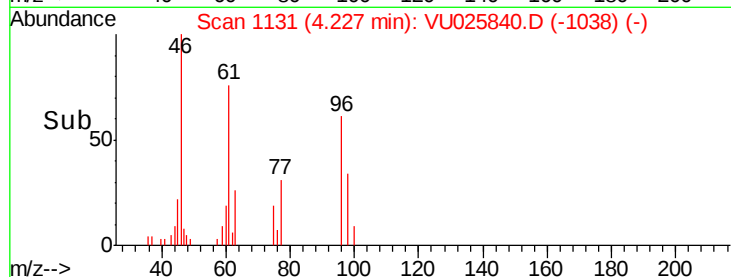
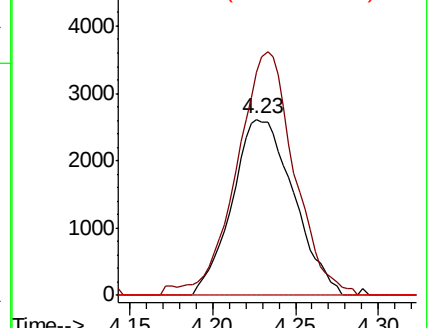
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#29

Cyclohexane

Concen: 1.393 ug/L

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

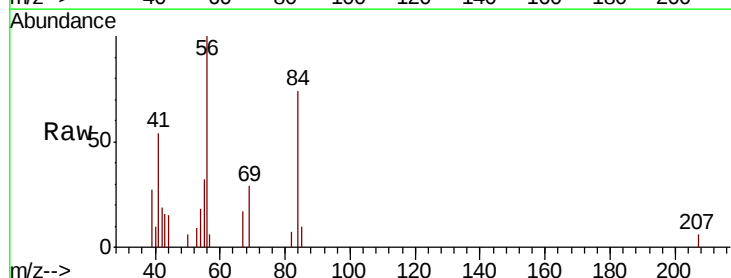
Tgt Ion: 56 Resp: 4849

Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

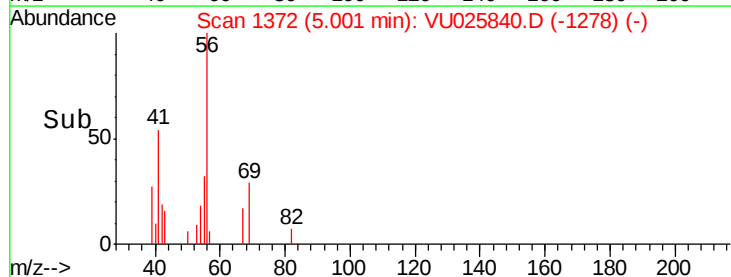
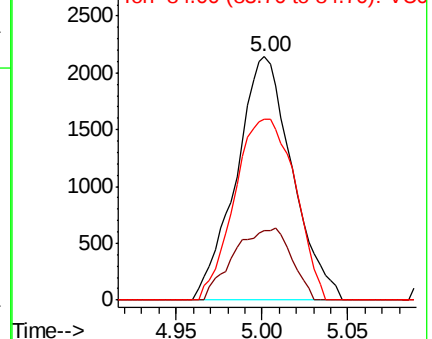
84 80.4 70.6 106.0

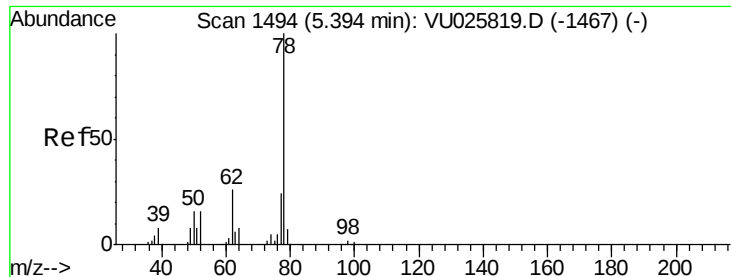


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#33

Benzene

Concen: 18.546 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

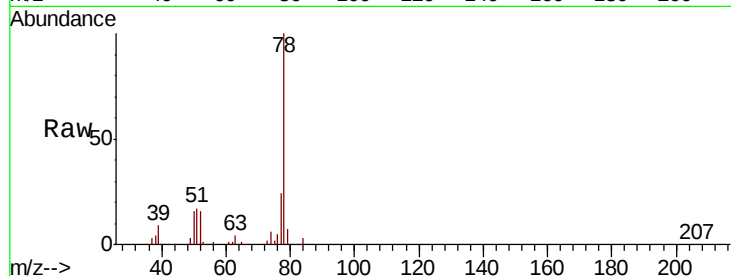
Instrument :

MSVOA_U

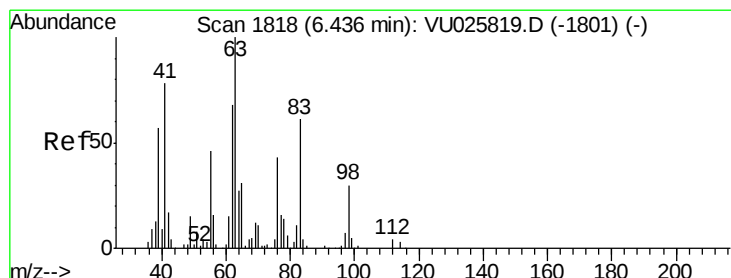
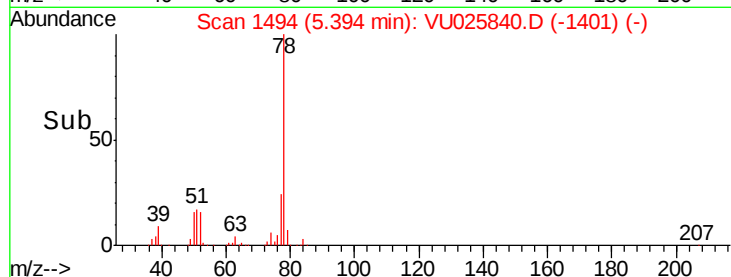
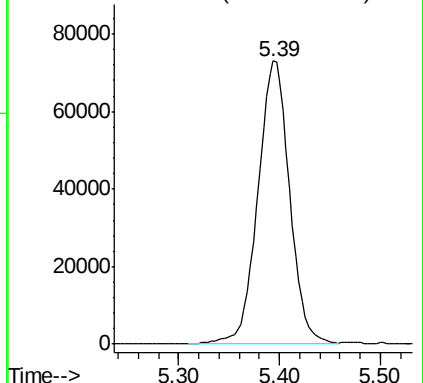
ClientSampleId :

E5F81

Tgt Ion: 78 Resp: 160074



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 5.309 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025840.D

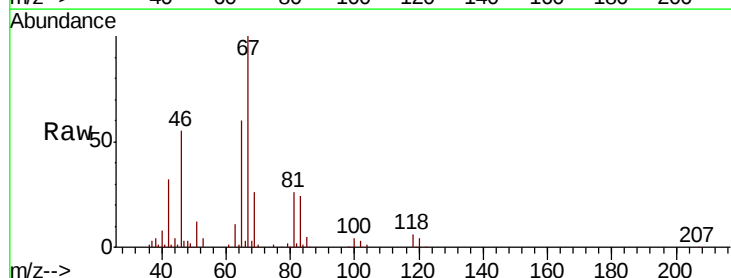
Acq: 03 Aug 2018 23:51

Tgt Ion: 63 Resp: 12523

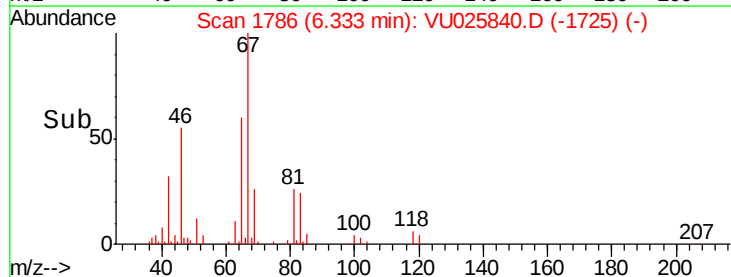
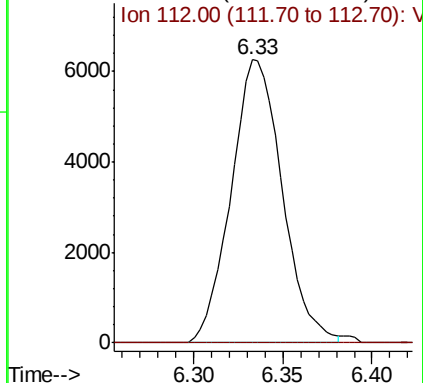
Ion Ratio Lower Upper

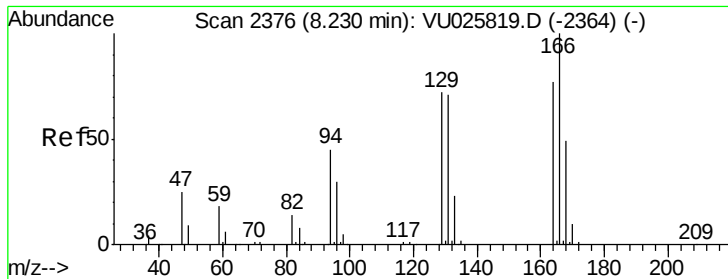
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

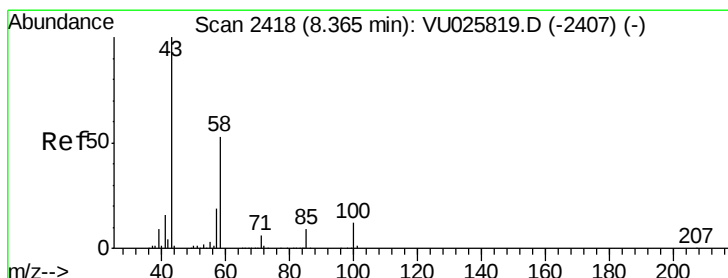
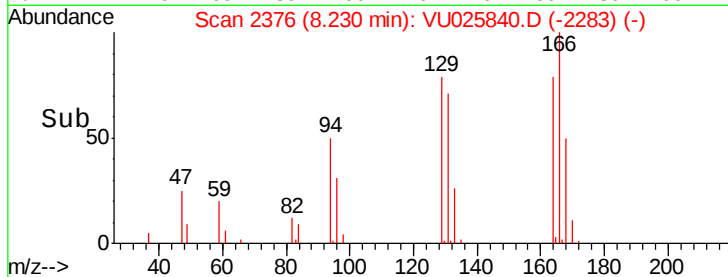
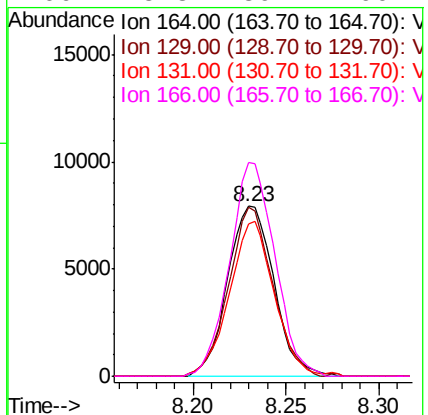
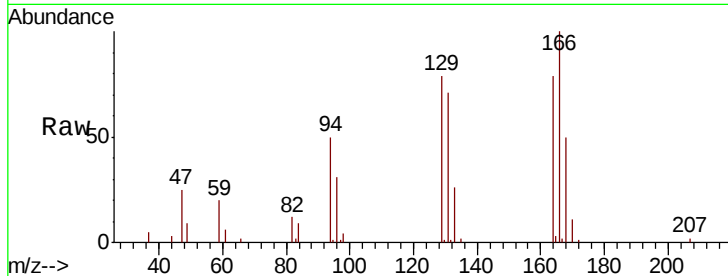




#46
Tetrachloroethene
Concen: 6.946 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025840.D
Acq: 03 Aug 2018 23:51

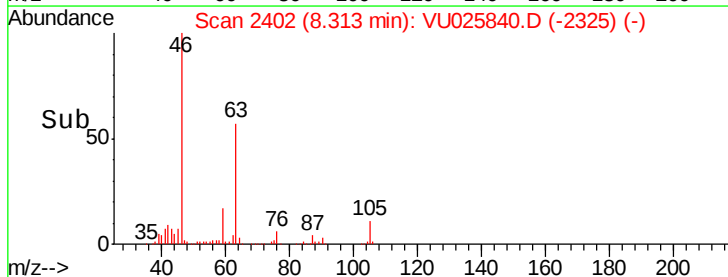
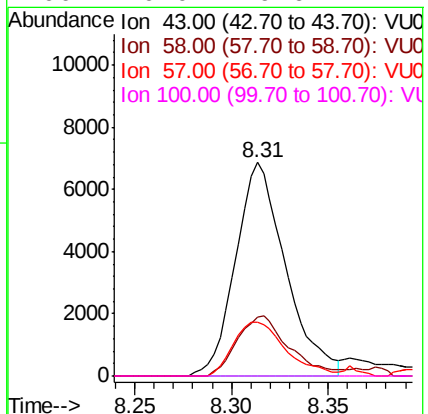
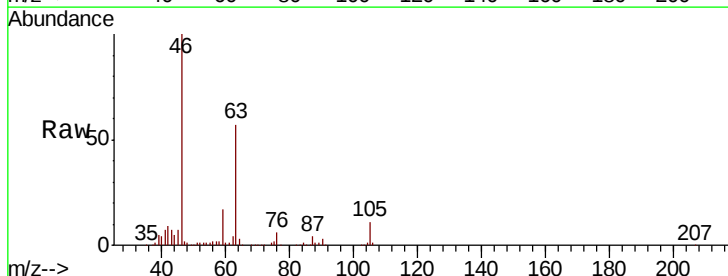
Instrument :
MSVOA_U
ClientSampleId :
E5F81

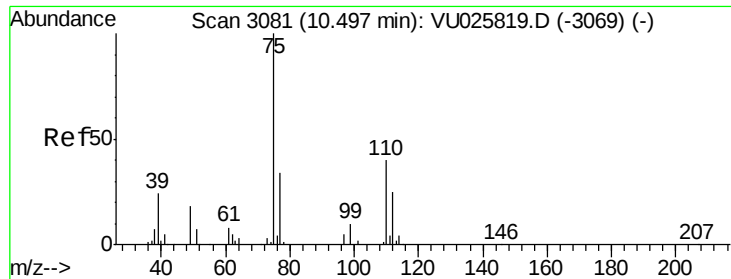
Tgt Ion:164 Resp: 13791
Ion Ratio Lower Upper
164 100
129 99.4 65.1 120.9
131 89.9 62.8 116.6
166 125.8 89.7 166.7



#48
2-Hexanone
Concen: 4.739 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025840.D
Acq: 03 Aug 2018 23:51

Tgt Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
58 28.9 42.9 64.3#
57 26.4 15.4 23.2#
100 0.0 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 5.631 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025840.D

Acq: 03 Aug 2018 23:51

Instrument :

MSVOA_U

ClientSampleId :

E5F81

Tgt Ion: 75 Resp: 15600

Ion Ratio Lower Upper

75 100

77 43.4 25.8 38.8#

