

Data File : VU033850.D
Acq On : 20 Aug 2019 13:42
Operator : JC/SP
Sample : K4373-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH8

Quant Time: Aug 21 05:45:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 05:39:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	178481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	80985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70296	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.67	69	65045	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.26	63	115046	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.17	46	114807	38.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.16%
24) Chloroform-d	4.62	84	115987	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.29	65	63296	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	225861	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.31	67	73567	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.55	98	186326	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.84	79	26047	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	56912	26.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	53.20%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52018	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	76163	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

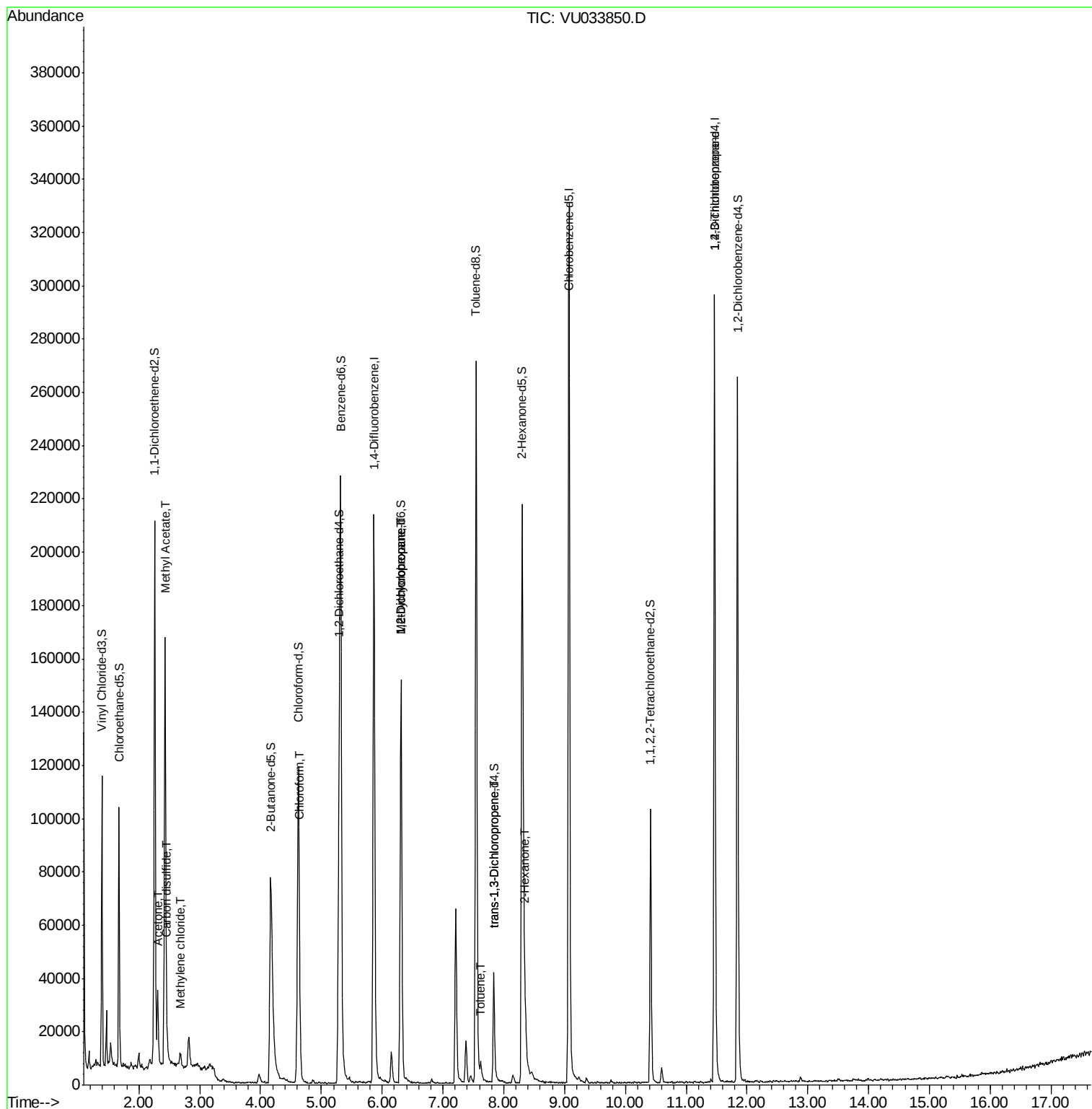
					Qvalue
13) Acetone	2.31	43	26745	11.602	ug/L 100
14) Carbon disulfide	2.46	76	5179	0.122	ug/L 95
15) Methyl Acetate	2.43	43	39900	6.908	ug/L # 52
16) Methylene chloride	2.68	84	2165	0.149	ug/L 85
25) Chloroform	4.65	83	5378	0.241	ug/L 81
35) Methylcyclohexane	6.31	83	17733	1.127	ug/L # 26
37) 1,2-Dichloropropane	6.31	63	8224	0.740	ug/L # 87
42) Toluene	7.62	91	3893	0.091	ug/L 100
44) trans-1,3-Dichloropropene	7.83	75	1111	0.091	ug/L # 58
48) 2-Hexanone	8.35	43	13912	3.237	ug/L # 77
59) 1,2,3-Trichloropropane	11.47	75	10465	1.438	ug/L 94

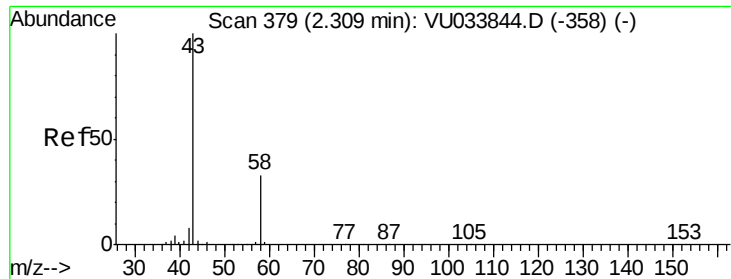
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.602 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033850.D

Acq: 20 Aug 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

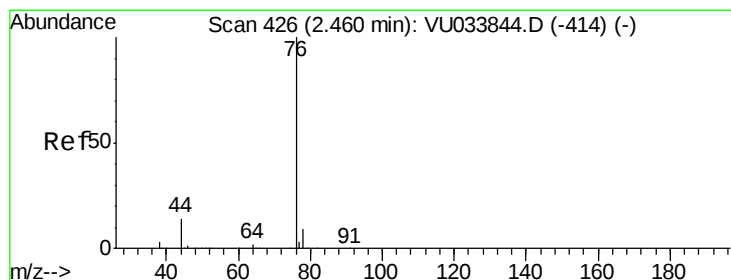
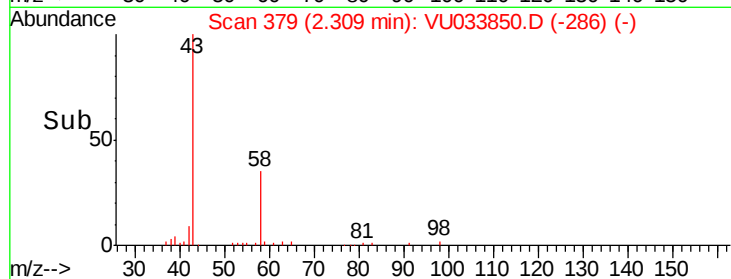
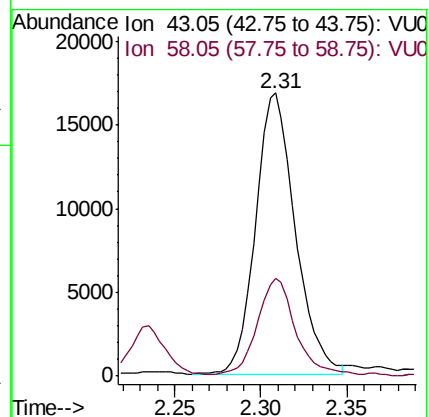
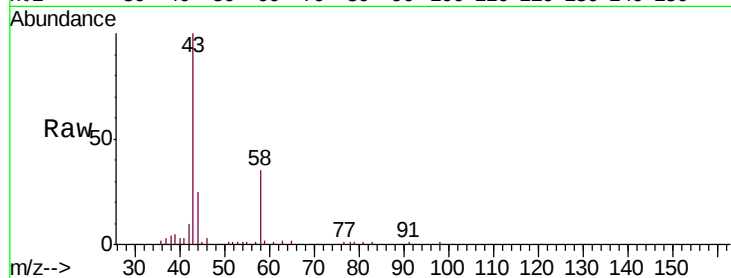
C0AH8

Tgt Ion: 43 Resp: 26745

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#14

Carbon disulfide

Concen: 0.122 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033850.D

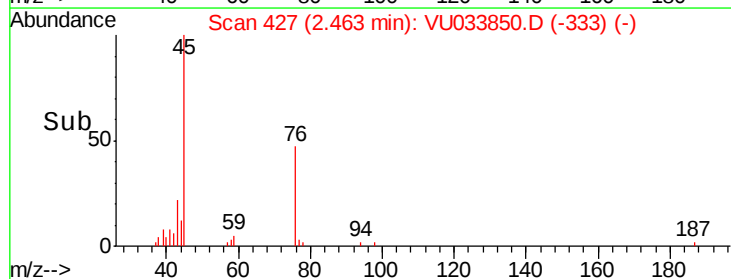
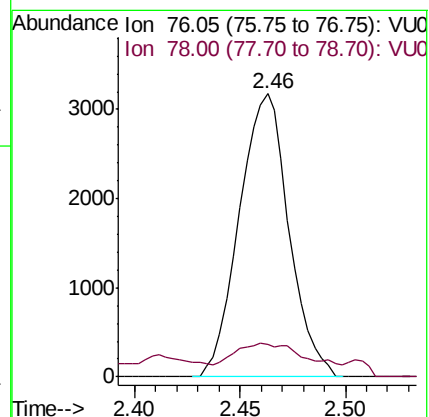
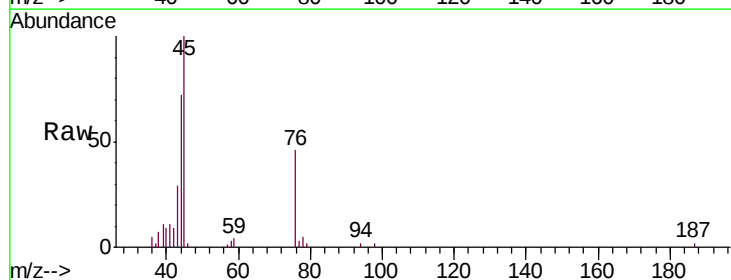
Acq: 20 Aug 2019 13:42

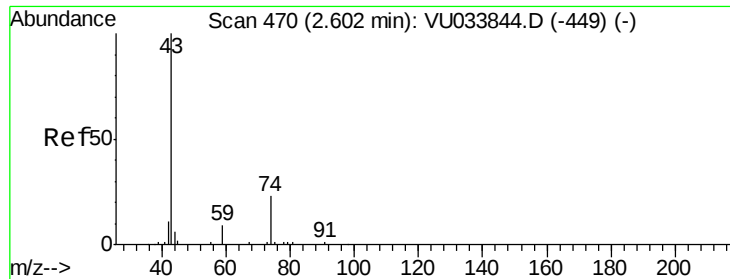
Tgt Ion: 76 Resp: 5179

Ion Ratio Lower Upper

76 100

78 11.5 7.7 11.5

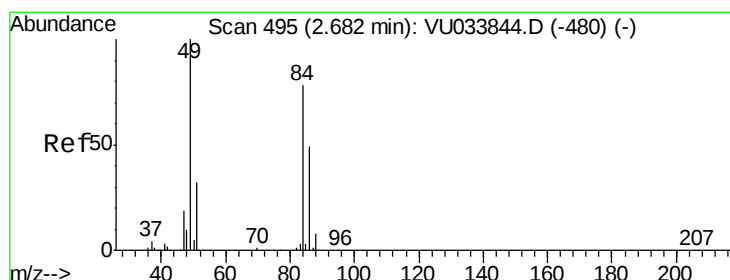
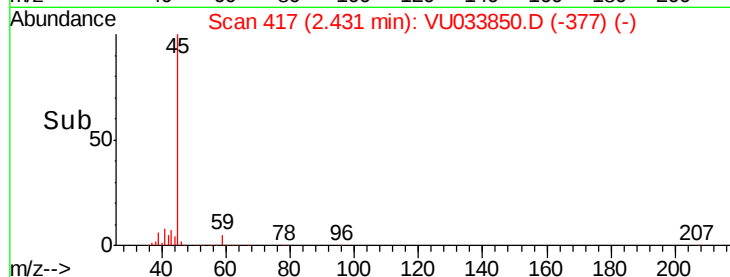
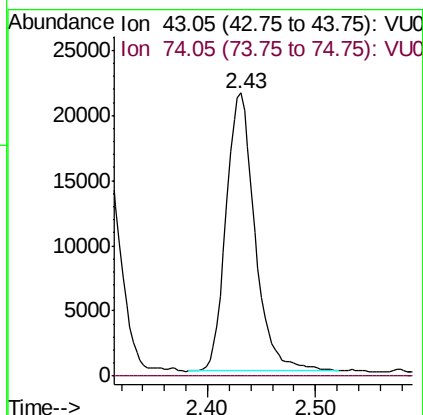
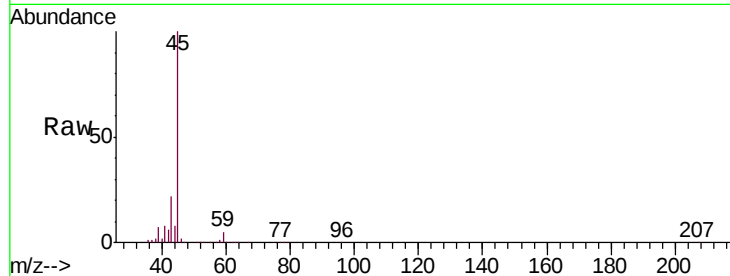




#15
Methyl Acetate
Concen: 6.908 ug/L
RT: 2.43 min Scan# 417
Delta R.T. -0.17 min
Lab File: VU033850.D
Acq: 20 Aug 2019 13:42

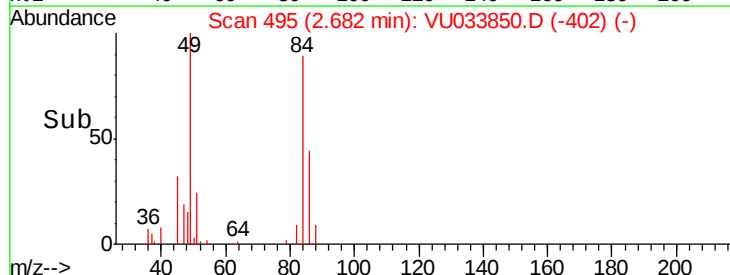
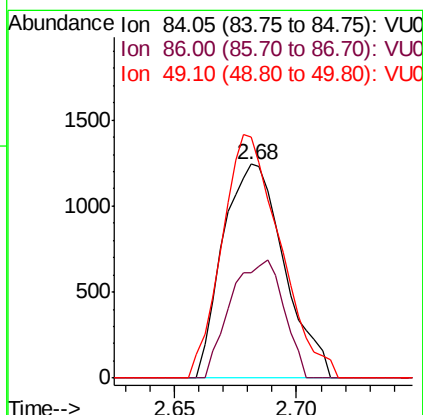
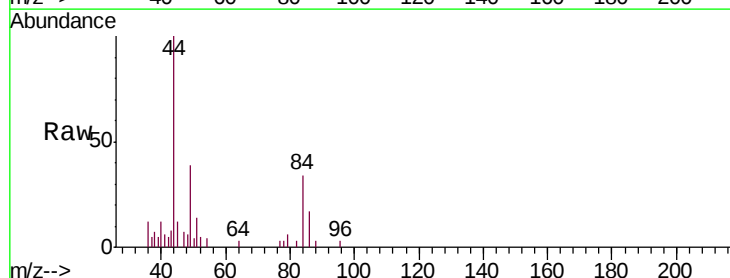
Instrument :
MSVOA_U
ClientSampled :
C0AH8

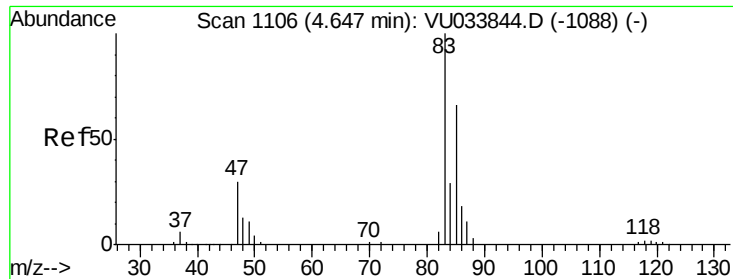
Tgt Ion: 43 Resp: 39900
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033850.D
Acq: 20 Aug 2019 13:42

Tgt Ion: 84 Resp: 2165
Ion Ratio Lower Upper
84 100
86 49.1 43.8 81.3
49 112.6 89.5 166.3

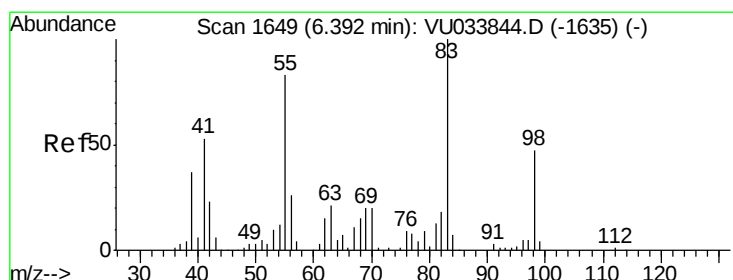
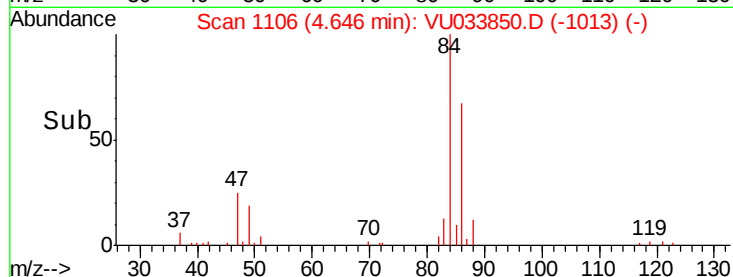
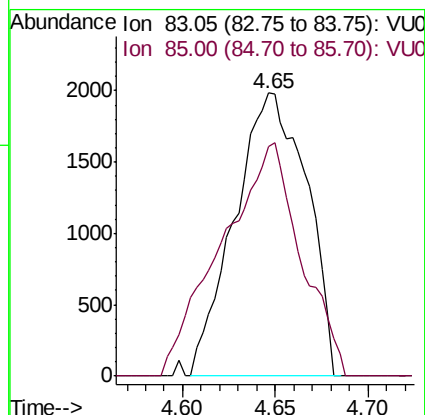
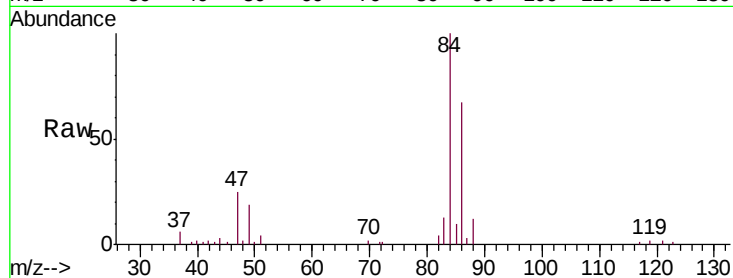




#25
Chloroform
Concen: 0.241 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033850.D
Acq: 20 Aug 2019 13:42

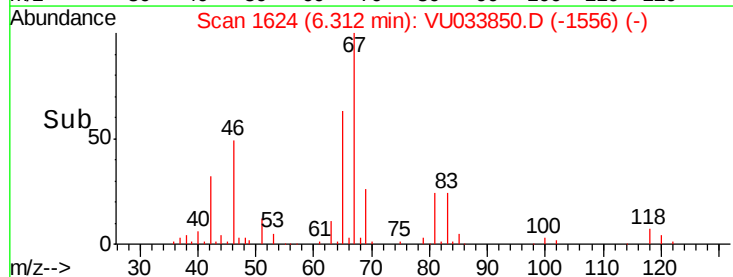
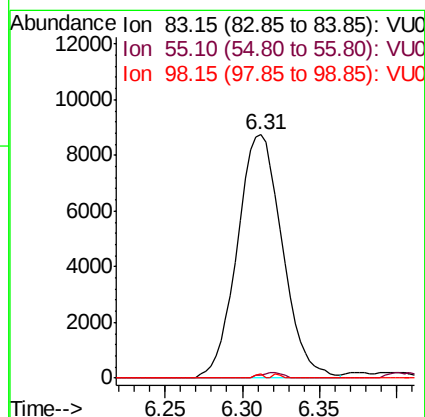
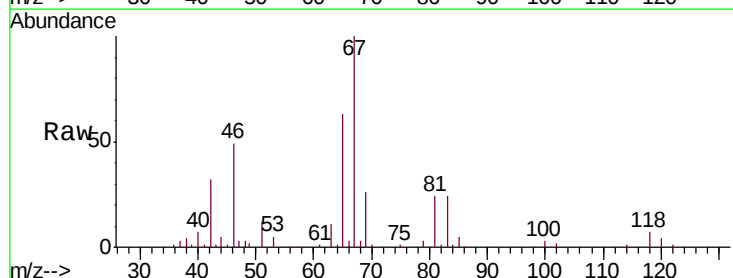
Instrument :
MSVOA_U
ClientSampled :
C0AH8

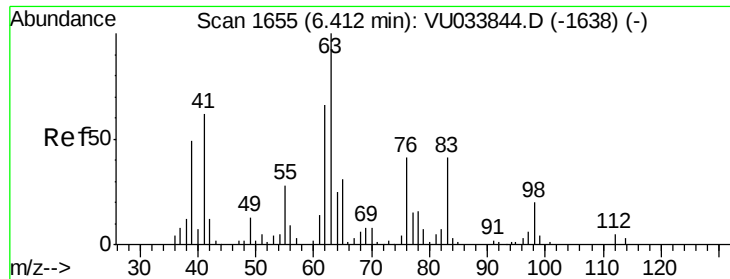
Tgt Ion: 83 Resp: 5378
Ion Ratio Lower Upper
83 100
85 81.3 46.3 85.9



#35
Methylcyclohexane
Concen: 1.127 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033850.D
Acq: 20 Aug 2019 13:42

Tgt Ion: 83 Resp: 17733
Ion Ratio Lower Upper
83 100
55 1.2 64.3 96.5#
98 15.6 37.4 56.0#

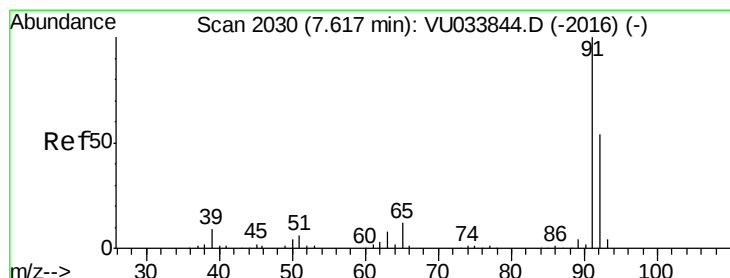
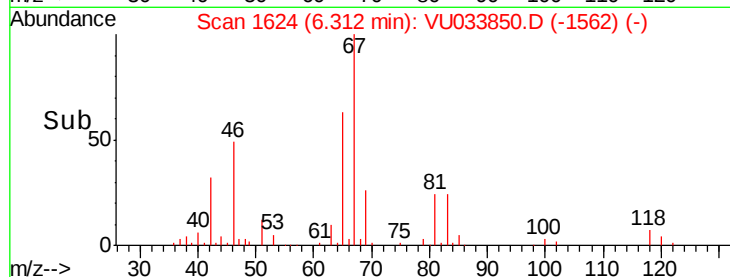
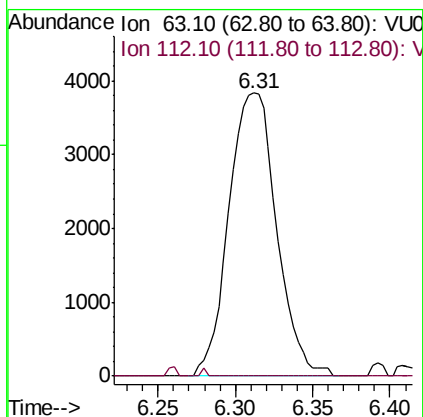
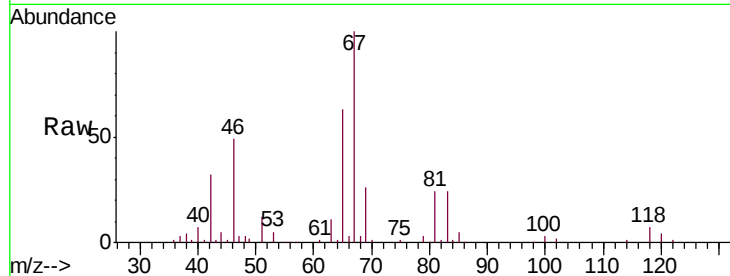




#37
 1,2-Dichloropropane
 Concen: 0.740 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033850.D
 Acq: 20 Aug 2019 13:42

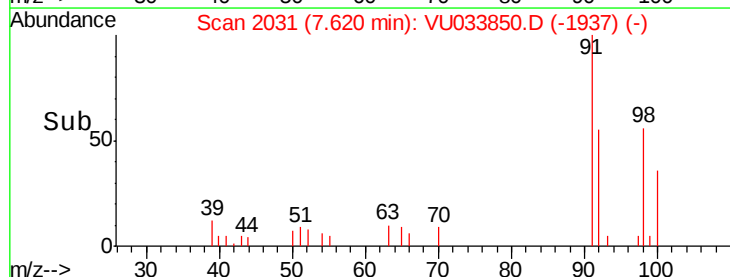
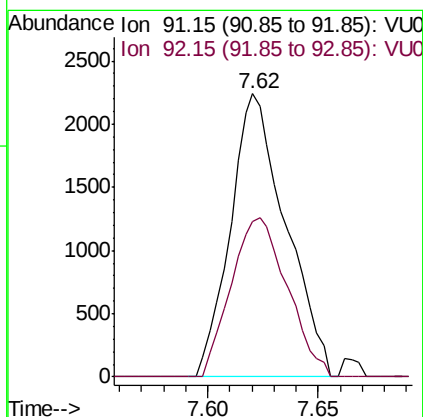
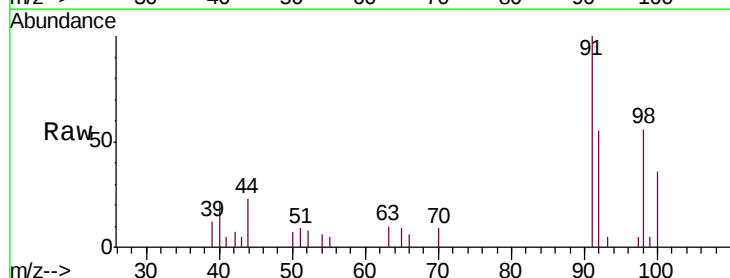
Instrument :
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 ClientSampleId :
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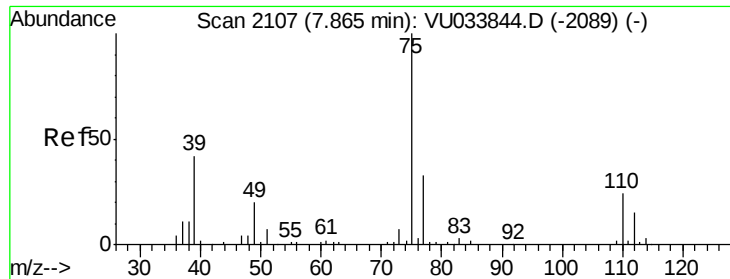
Tgt Ion: 63 Resp: 8224
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.5 5.3#



#42
 Toluene
 Concen: 0.091 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU033850.D
 Acq: 20 Aug 2019 13:42

Tgt Ion: 91 Resp: 3893
 Ion Ratio Lower Upper
 91 100
 92 54.7 38.1 70.7





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033850.D

Acq: 20 Aug 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

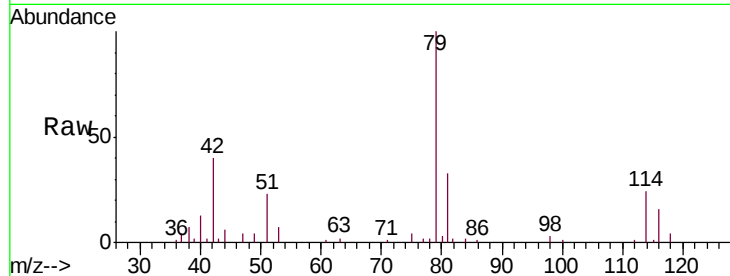
C0AH8

Tgt Ion: 75 Resp: 1111

Ion Ratio Lower Upper

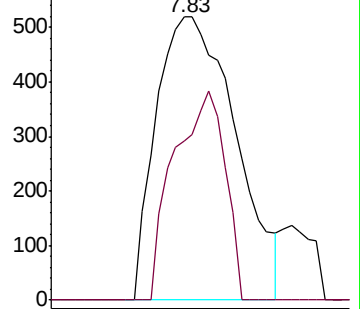
75 100

77 56.3 23.0 42.6#

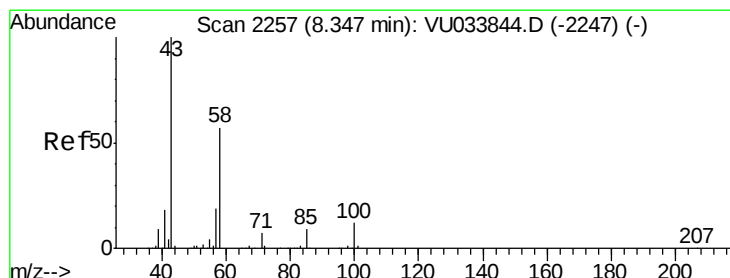
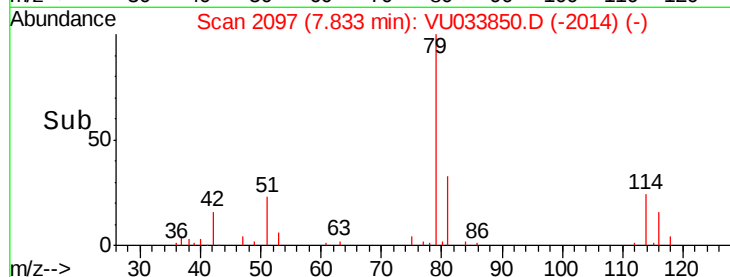


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#48

2-Hexanone

Concen: 3.237 ug/L

RT: 8.35 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU033850.D

Acq: 20 Aug 2019 13:42

Tgt Ion: 43 Resp: 13912

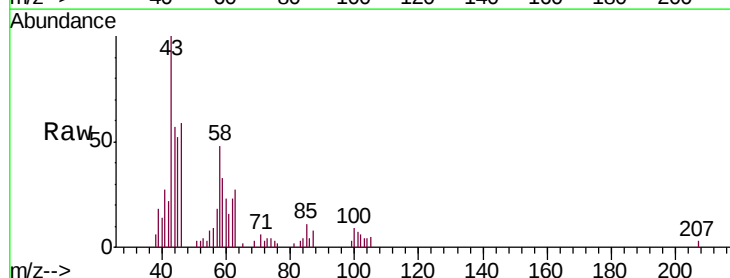
Ion Ratio Lower Upper

43 100

58 36.8 45.1 67.7#

57 13.6 15.4 23.0#

100 4.0 8.9 13.3#

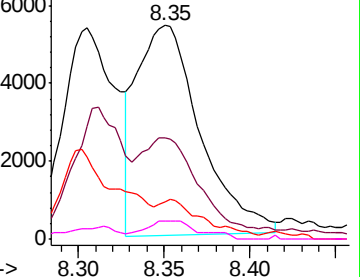


Abundance Ion 43.05 (42.75 to 43.75): VU0

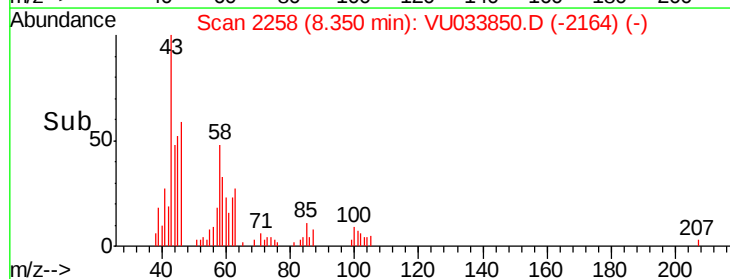
Ion 58.05 (57.75 to 58.75): VU0

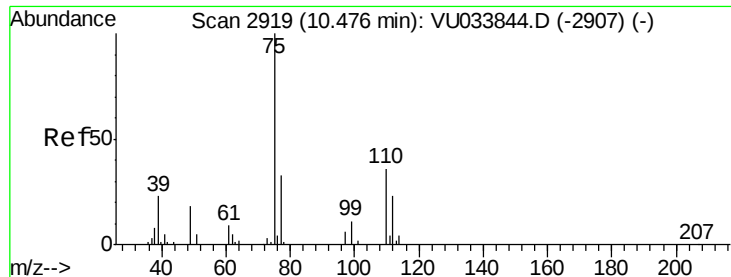
Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



Time-->





#59

1,2,3-Trichloropropane

Concen: 1.438 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033850.D

Acq: 20 Aug 2019 13:42

Instrument :

MSVOA_U

ClientSampleId :

C0AH8

Tgt Ion: 75 Resp: 10465

Ion Ratio Lower Upper

75 100

77 36.4 26.3 39.5

