

Data File : VU033858.D
Acq On : 20 Aug 2019 16:58
Operator : JC/SP
Sample : K4395-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ6

Quant Time: Aug 21 05:46:45 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	176016	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	188969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	85227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65929	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.67	69	62273	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.26	63	111422	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.16	46	131126	44.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	4.62	84	117460	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.29	65	64066	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.32	84	228249	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	73520	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.55	98	188527	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.84	79	24728	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.30	63	75181	35.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58884	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	77971	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

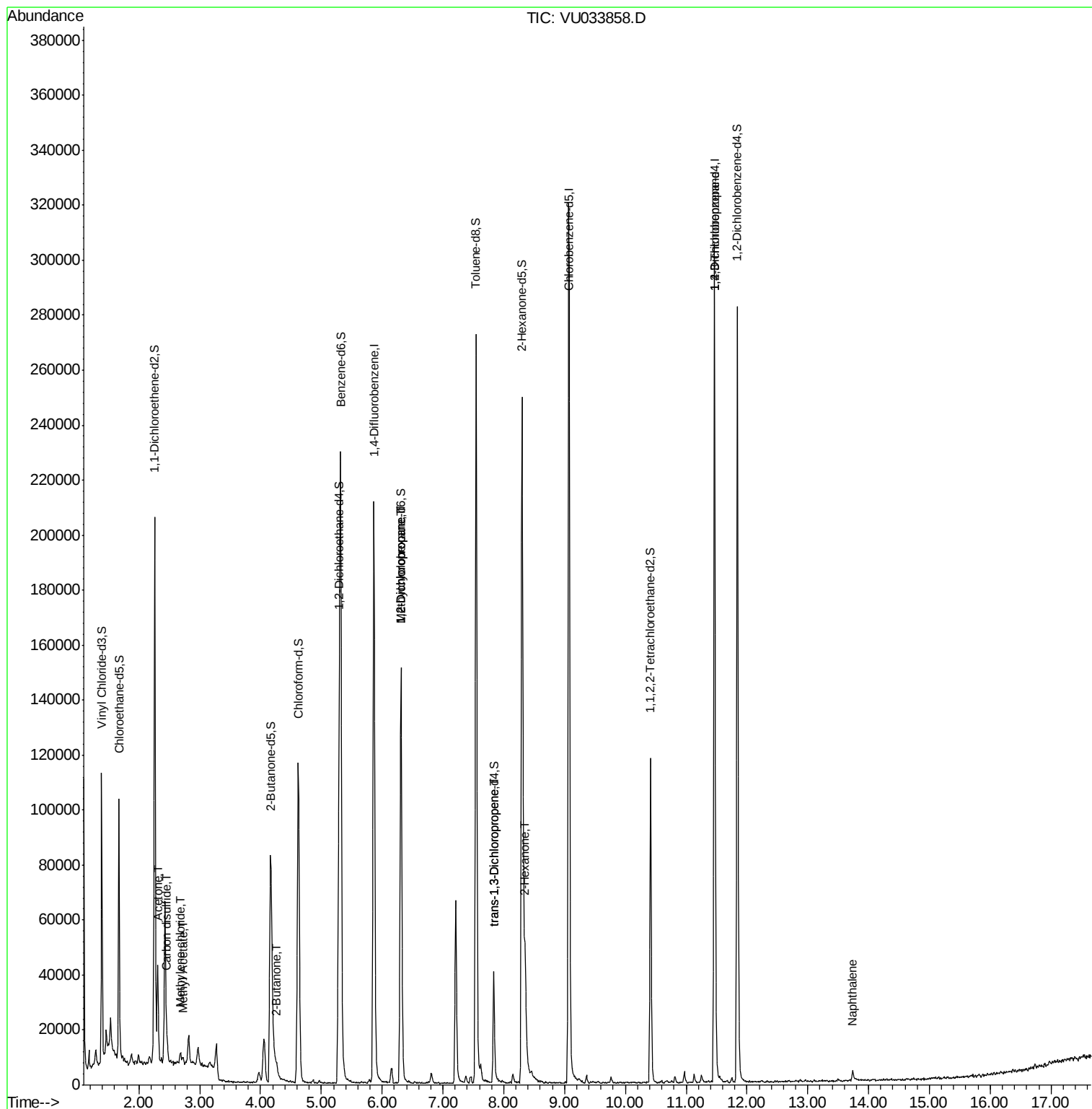
					Qvalue
13) Acetone	2.31	43	34471	15.163 ug/L	95
14) Carbon disulfide	2.46	76	8326	0.199 ug/L #	86
15) Methyl Acetate	2.73	43	1757	0.308 ug/L #	57
16) Methylene chloride	2.68	84	1936	0.136 ug/L	81
21) 2-Butanone	4.26	43	6281	2.577 ug/L	94
35) Methylcyclohexane	6.31	83	17810	1.146 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	8233	0.750 ug/L #	87
44) trans-1,3-Dichloropropene	7.84	75	1076	0.089 ug/L	92
48) 2-Hexanone	8.35	43	26703	6.289 ug/L #	89
59) 1,2,3-Trichloropropane	11.47	75	9662	1.344 ug/L	88
69) Naphthalene	13.74	128	4542	0.299 ug/L #	91

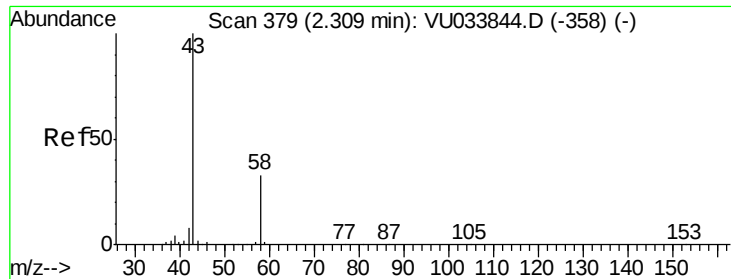
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.163 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

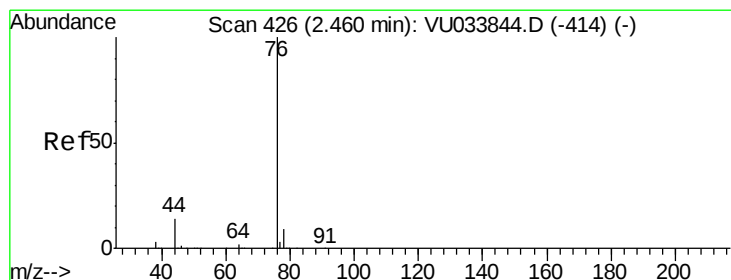
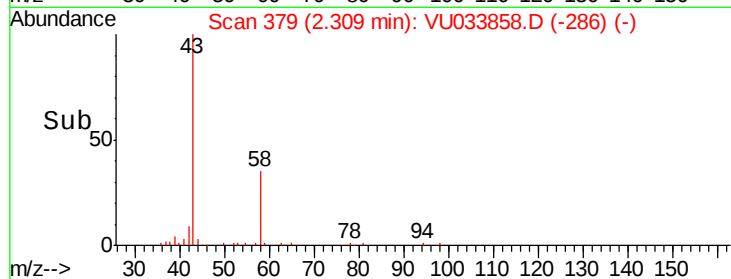
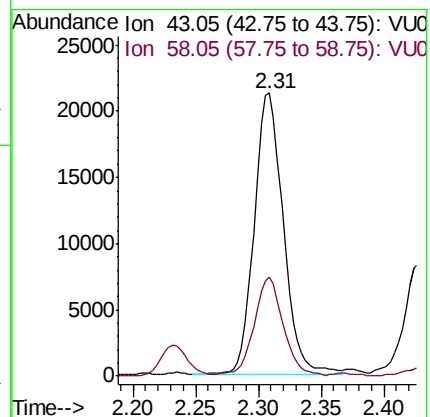
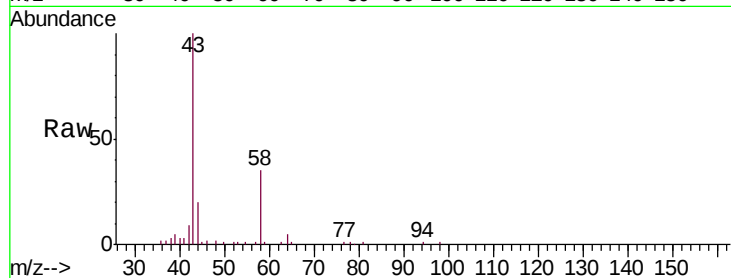
C0AJ6

Tgt Ion: 43 Resp: 34471

Ion Ratio Lower Upper

43 100

58 35.5 0.0 65.4



#14

Carbon disulfide

Concen: 0.199 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033858.D

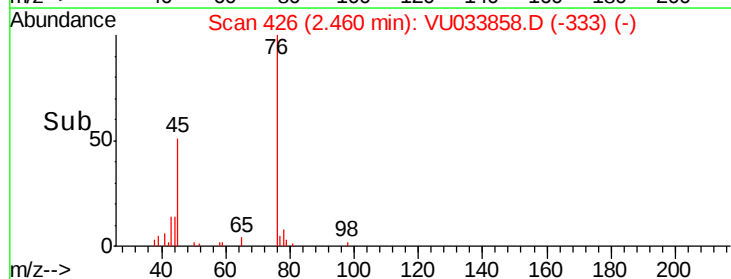
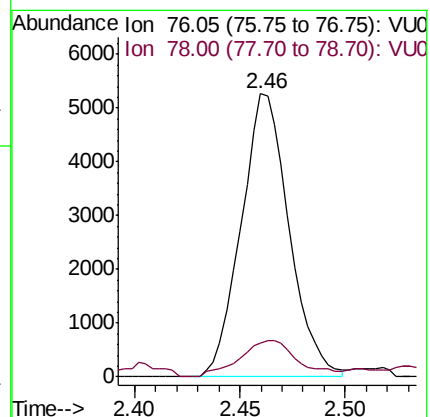
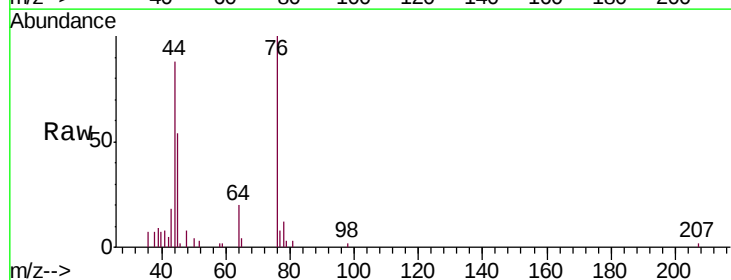
Acq: 20 Aug 2019 16:58

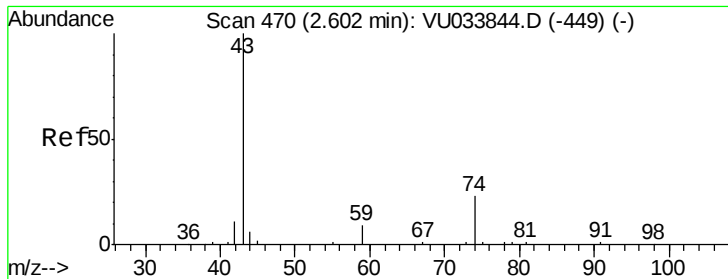
Tgt Ion: 76 Resp: 8326

Ion Ratio Lower Upper

76 100

78 14.7 7.7 11.5#





#15

Methyl Acetate

Concen: 0.308 ug/L

RT: 2.73 min Scan# 509

Delta R.T. 0.13 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

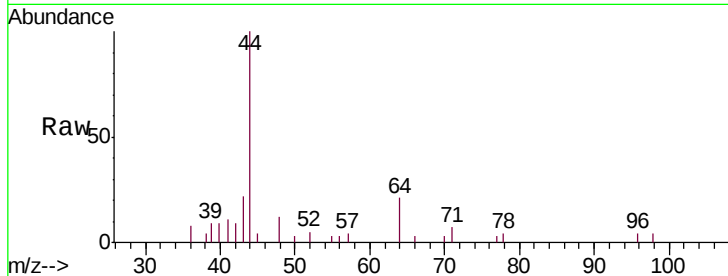
C0AJ6

Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

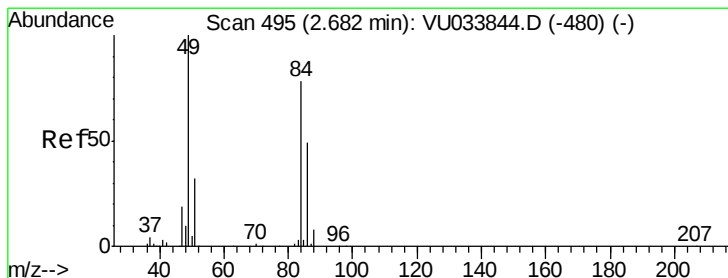
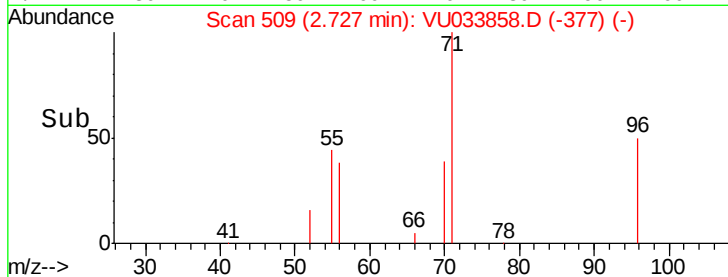
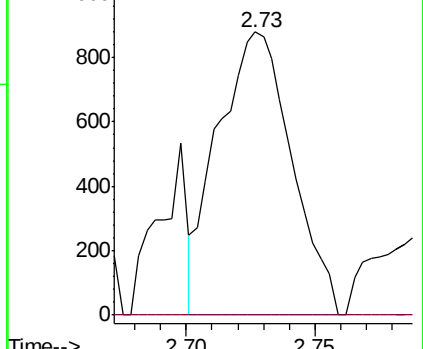
43 100

74 2.6 18.6 28.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

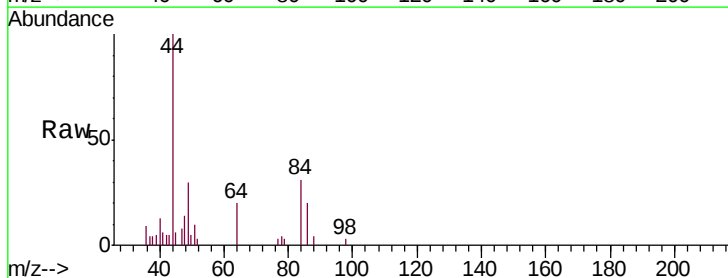
Tgt Ion: 84 Resp: 1936

Ion Ratio Lower Upper

84 100

86 65.5 43.8 81.3

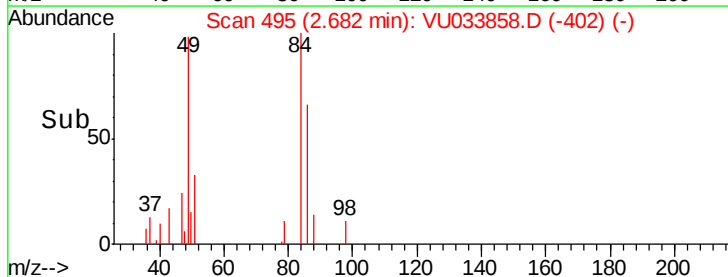
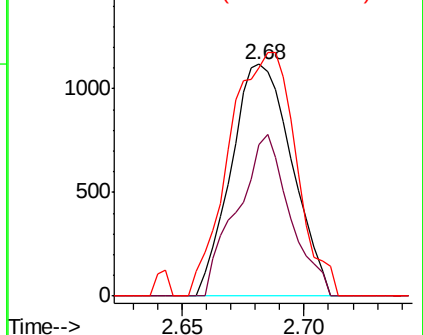
49 98.3 89.5 166.3

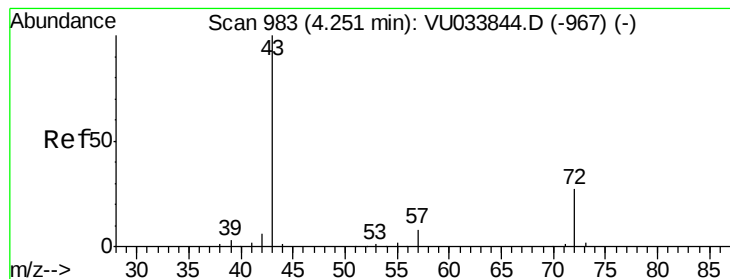


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#21

2-Butanone

Concen: 2.577 ug/L

RT: 4.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

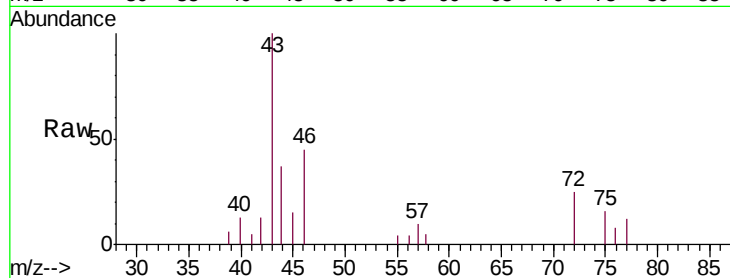
C0AJ6

Tgt Ion: 43 Resp: 6281

Ion Ratio Lower Upper

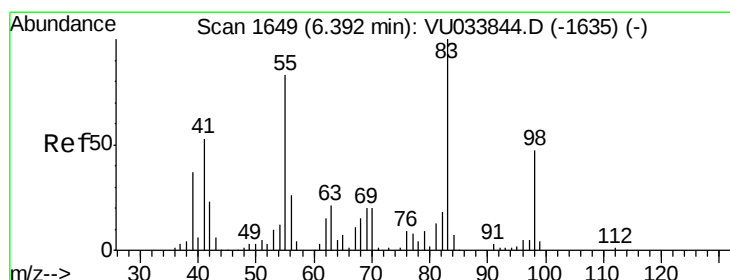
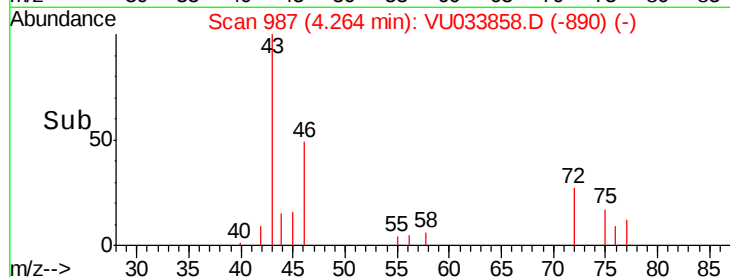
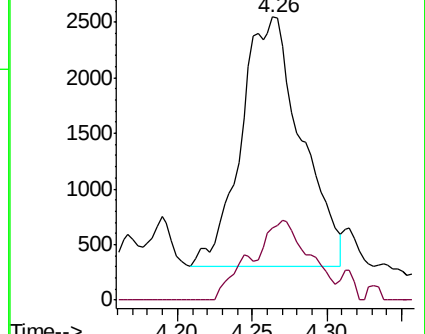
43 100

72 24.3 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU033844.D (-967) (-)

Ion 72.10 (71.80 to 72.80): VU033844.D (-967) (-)



#35

Methylcyclohexane

Concen: 1.146 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

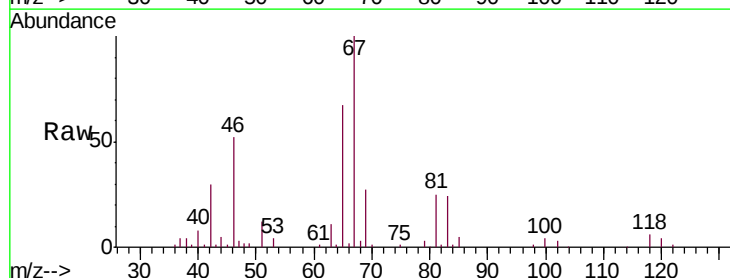
Tgt Ion: 83 Resp: 17810

Ion Ratio Lower Upper

83 100

55 0.2 64.3 96.5#

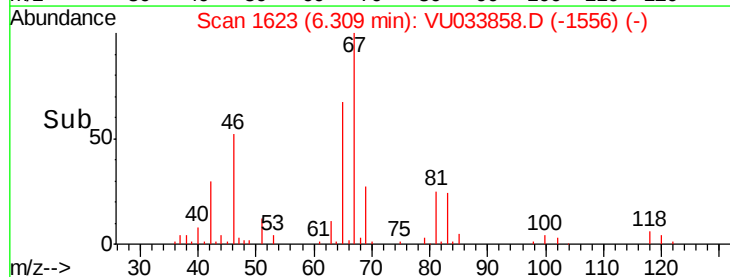
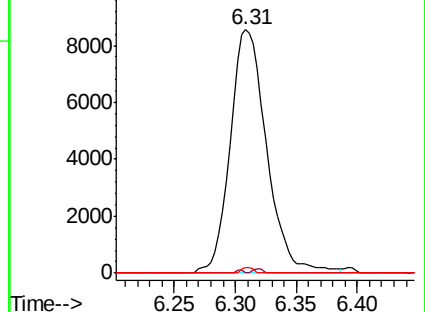
98 0.8 37.4 56.0#

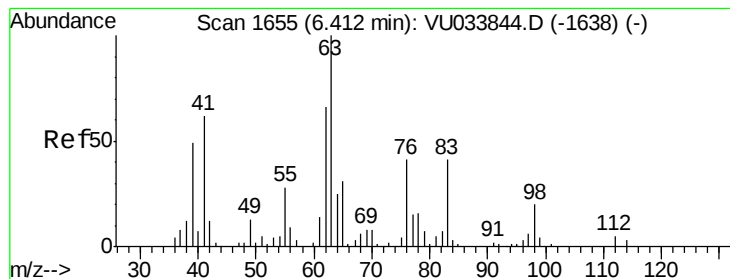


Abundance Ion 83.15 (82.85 to 83.85): VU033844.D (-1635) (-)

Ion 55.10 (54.80 to 55.80): VU033844.D (-1635) (-)

Ion 98.15 (97.85 to 98.85): VU033844.D (-1635) (-)





#37

1,2-Dichloropropane

Concen: 0.750 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

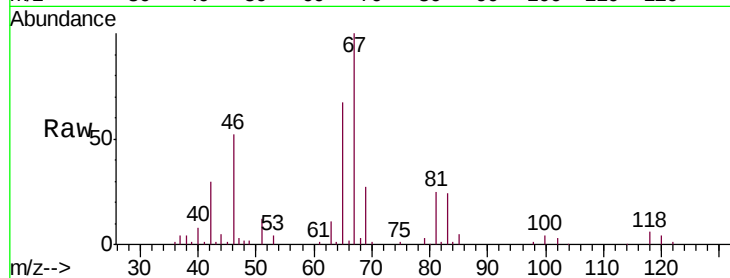
C0AJ6

Tgt Ion: 63 Resp: 8233

Ion Ratio Lower Upper

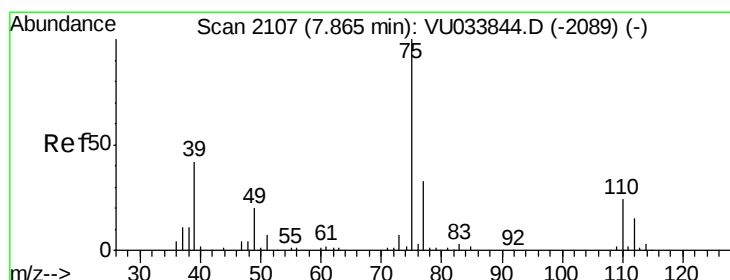
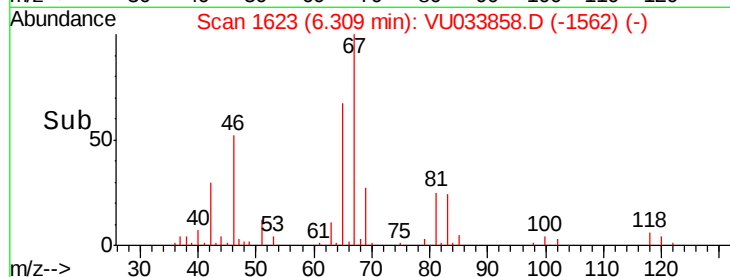
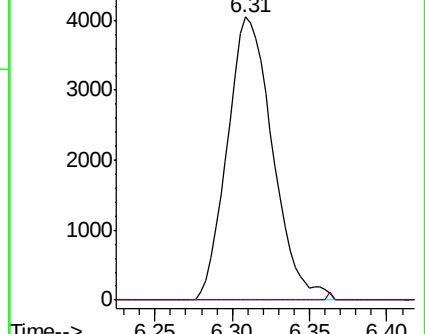
63 100

112 0.3 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033844.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU033844.D (-1638) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033858.D

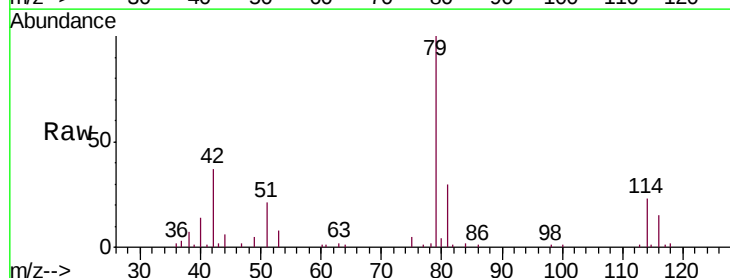
Acq: 20 Aug 2019 16:58

Tgt Ion: 75 Resp: 1076

Ion Ratio Lower Upper

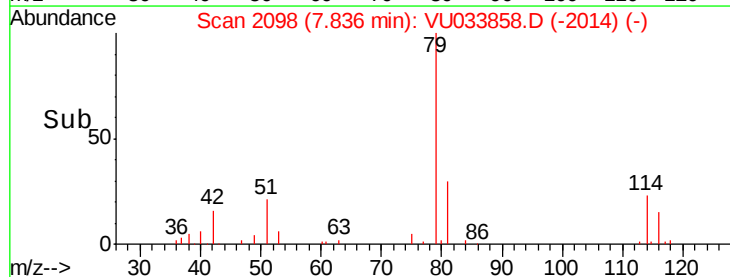
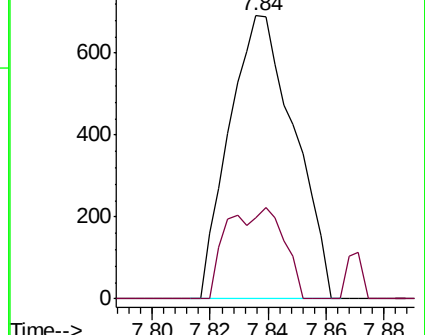
75 100

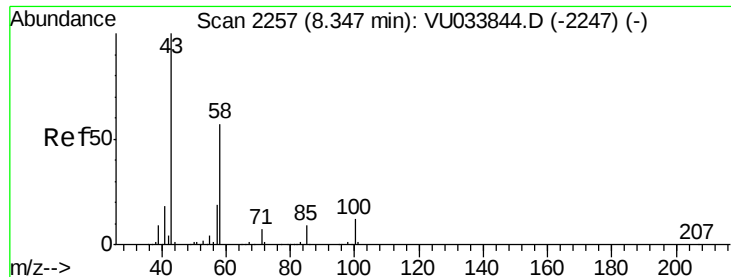
77 28.5 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VU033844.D (-2089) (-)

Ion 77.05 (76.75 to 77.75): VU033844.D (-2089) (-)

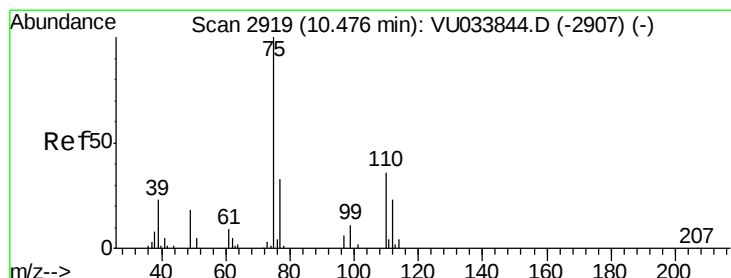
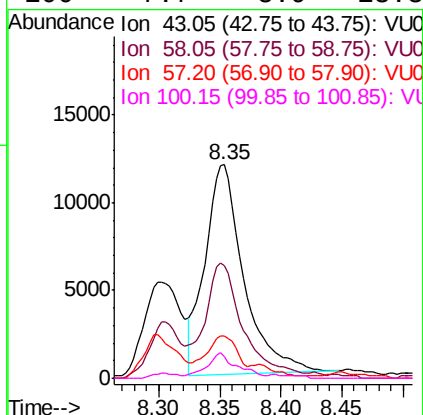
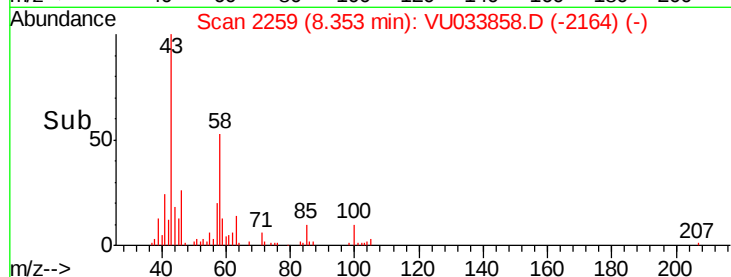
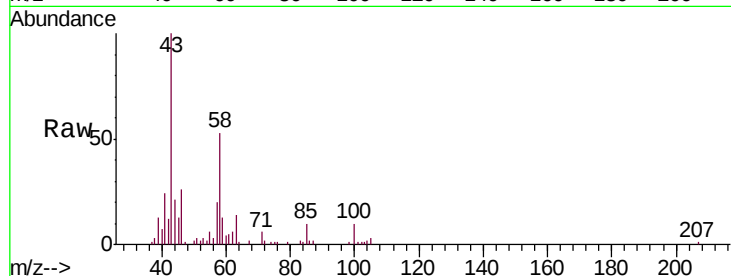




#48
 2-Hexanone
 Concen: 6.289 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU033858.D
 Acq: 20 Aug 2019 16:58

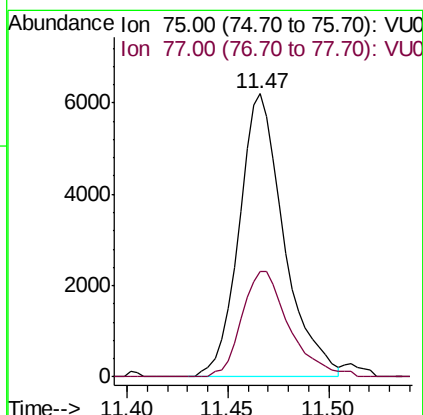
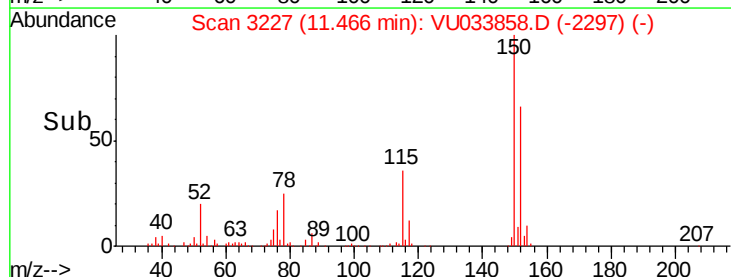
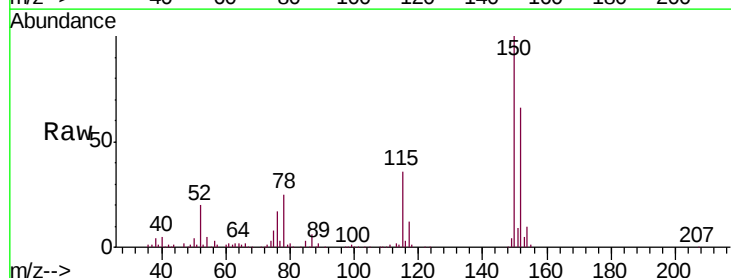
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ6

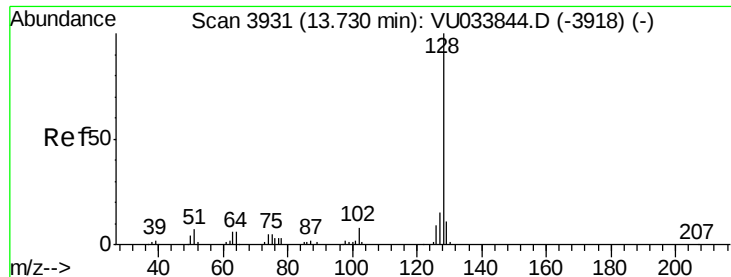
Tgt Ion: 43 Resp: 26703
 Ion Ratio Lower Upper
 43 100
 58 49.5 45.1 67.7
 57 11.1 15.4 23.0#
 100 7.7 8.9 13.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.344 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033858.D
 Acq: 20 Aug 2019 16:58

Tgt Ion: 75 Resp: 9662
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.3 39.5





#69

Naphthalene

Concen: 0.299 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. 0.01 min

Lab File: VU033858.D

Acq: 20 Aug 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

C0AJ6

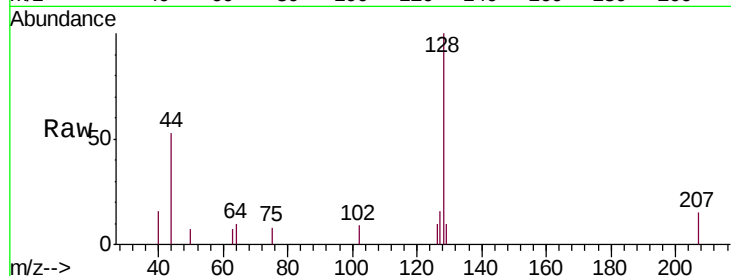
Tgt Ion:128 Resp: 4542

Ion Ratio Lower Upper

128 100

129 6.3 9.0 13.6#

127 11.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

