

Data File : VU033857.D
Acq On : 20 Aug 2019 16:33
Operator : JC/SP
Sample : K4395-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Quant Time: Aug 21 05:46:35 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	185777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	87317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69776	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	62521	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	115251	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.17	46	139092	44.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.62	84	123753	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.29	65	67143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.32	84	233719	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	76809	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	201028	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	26358	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	82682	38.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.42%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62825	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	80136	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

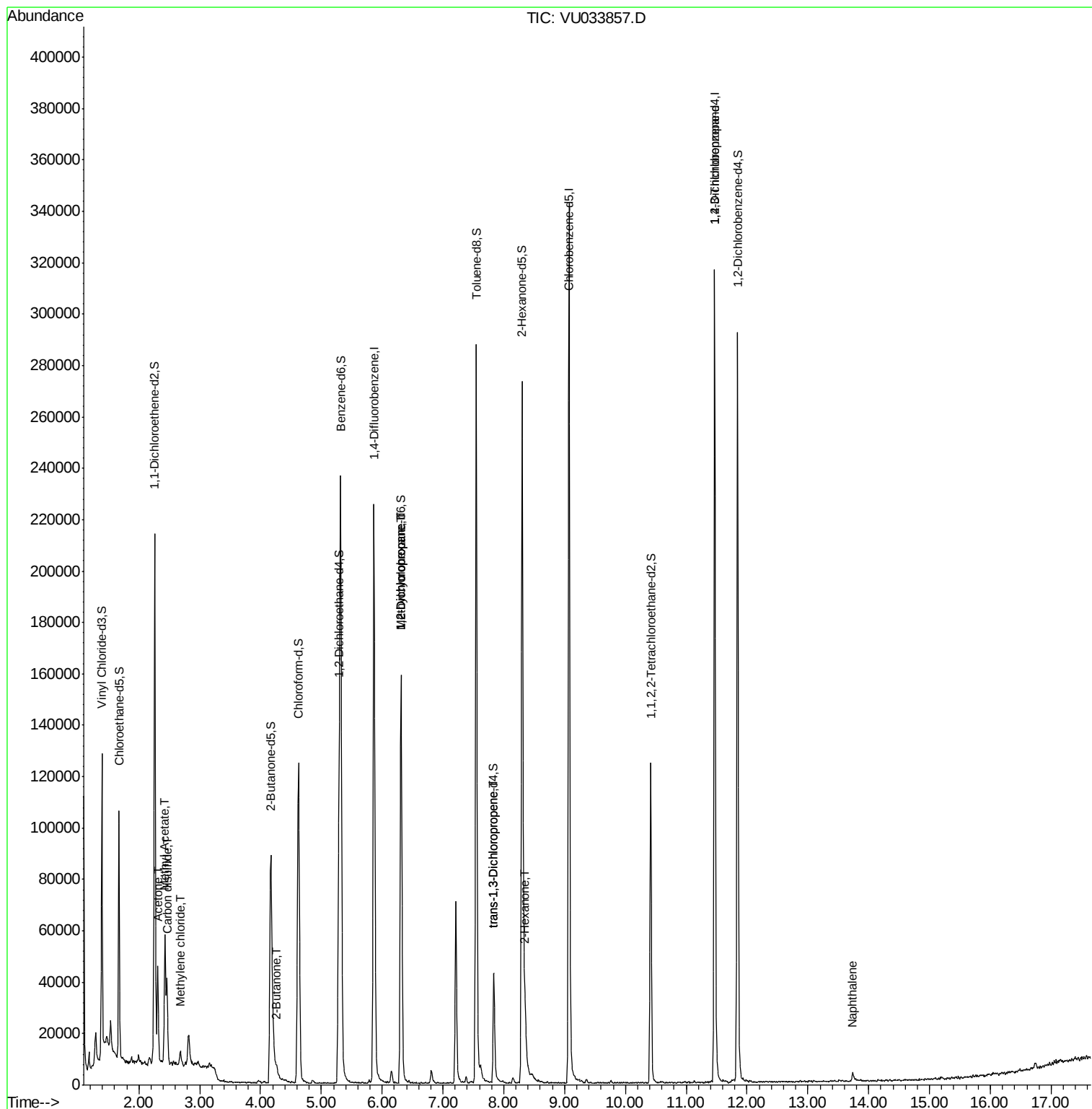
					Qvalue
13) Acetone	2.31	43	37693	15.709	ug/L 99
14) Carbon disulfide	2.46	76	34249	0.776	ug/L 99
15) Methyl Acetate	2.43	43	12729	2.117	ug/L # 54
16) Methylene chloride	2.69	84	2167	0.144	ug/L 89
21) 2-Butanone	4.27	43	6451	2.507	ug/L 93
35) Methylcyclohexane	6.31	83	17672	1.110	ug/L # 17
37) 1,2-Dichloropropane	6.32	63	8543	0.761	ug/L # 87
44) trans-1,3-Dichloropropene	7.83	75	1097	0.088	ug/L 98
48) 2-Hexanone	8.35	43	12355	2.842	ug/L # 87
59) 1,2,3-Trichloropropane	11.47	75	10170	1.382	ug/L 95
69) Naphthalene	13.74	128	3381	0.217	ug/L # 80

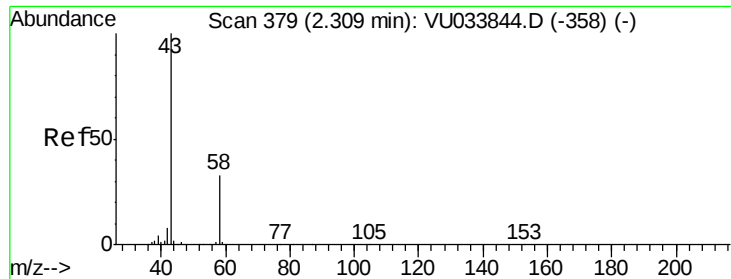
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.709 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

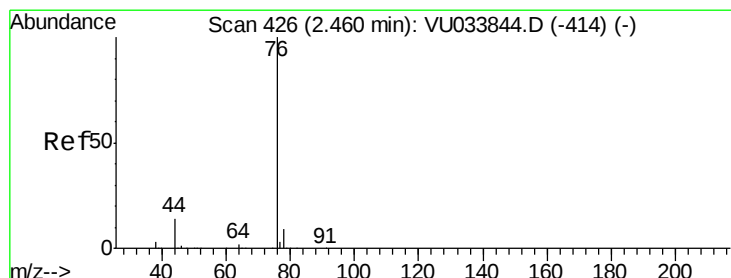
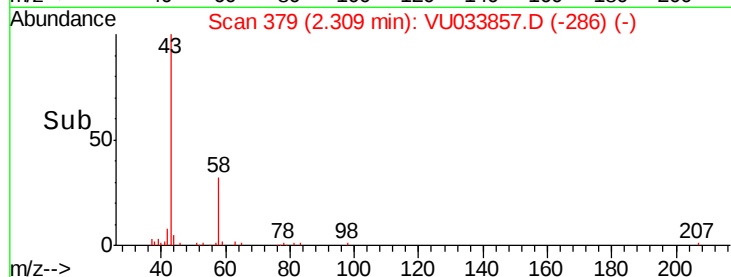
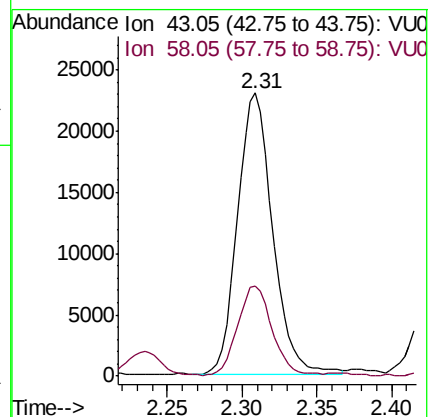
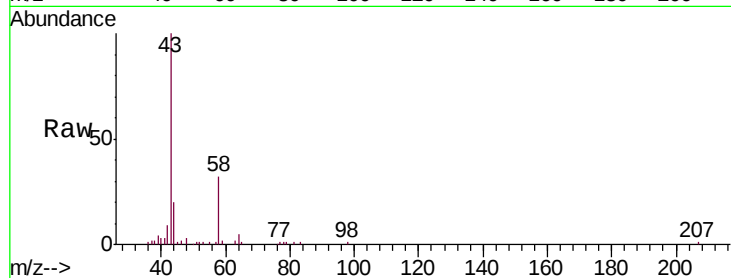
C0AJ0

Tgt Ion: 43 Resp: 37693

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.4



#14

Carbon disulfide

Concen: 0.776 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033857.D

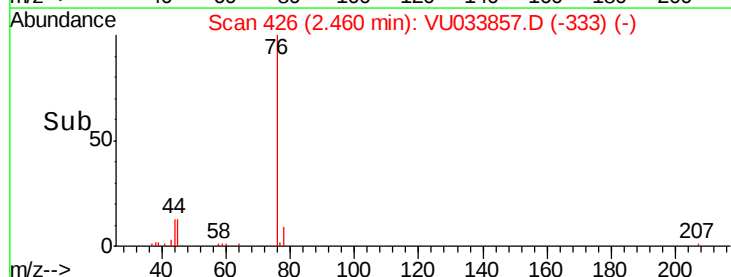
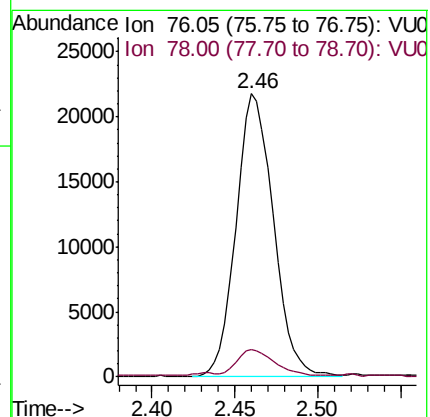
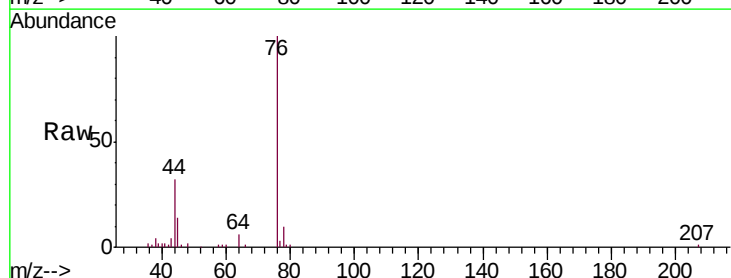
Acq: 20 Aug 2019 16:33

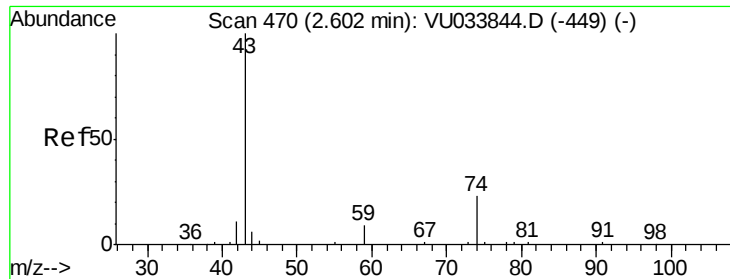
Tgt Ion: 76 Resp: 34249

Ion Ratio Lower Upper

76 100

78 9.8 7.7 11.5





#15

Methyl Acetate

Concen: 2.117 ug/L

RT: 2.43 min Scan# 416

Delta R.T. -0.17 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

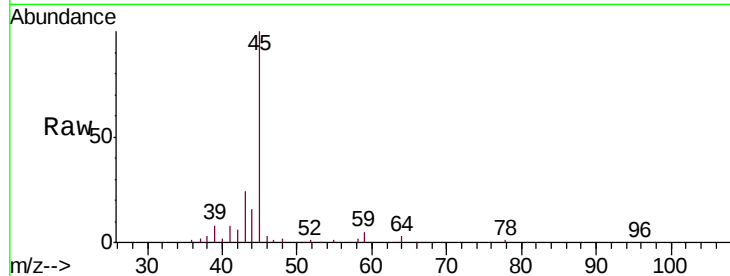
C0AJ0

Tgt Ion: 43 Resp: 12729

Ion Ratio Lower Upper

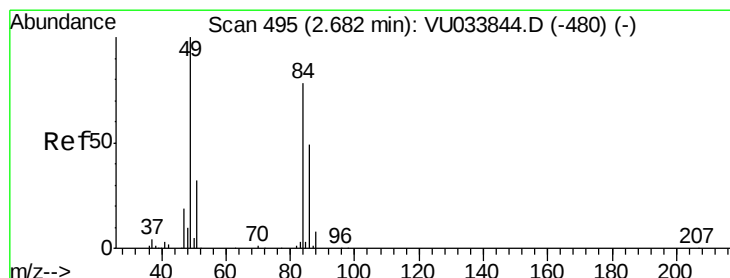
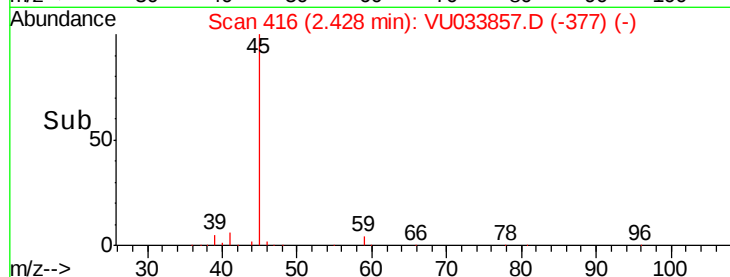
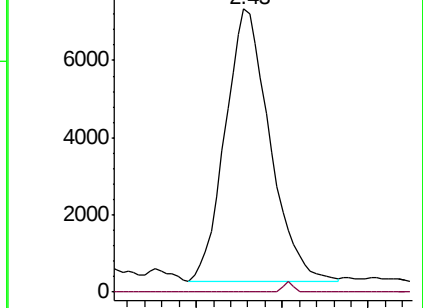
43 100

74 0.8 18.6 28.0#



Abundance Ion 43.05 (42.75 to 43.75): VU033844.D (-449) (-)

Ion 74.05 (73.75 to 74.75): VU033844.D (-449) (-)



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 2.69 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

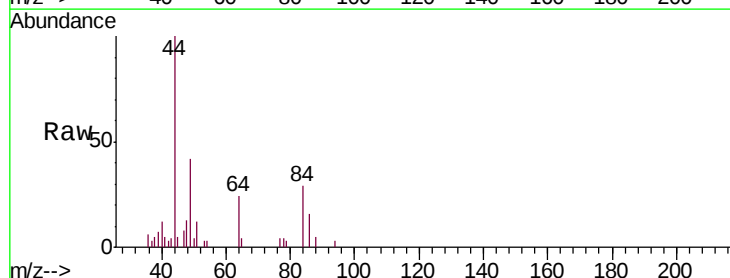
Tgt Ion: 84 Resp: 2167

Ion Ratio Lower Upper

84 100

86 56.3 43.8 81.3

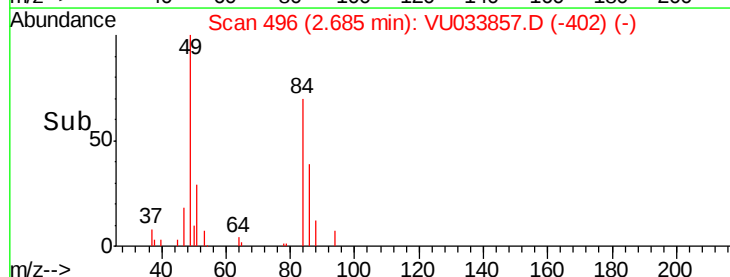
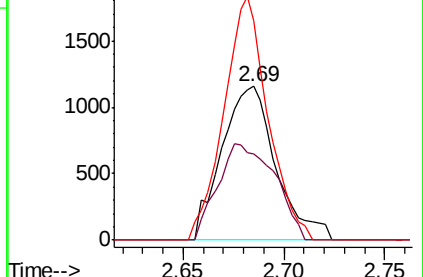
49 142.7 89.5 166.3

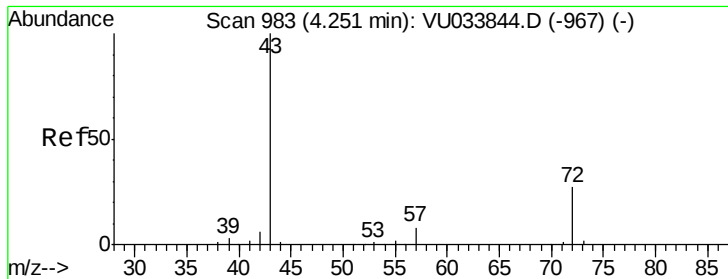


Abundance Ion 84.05 (83.75 to 84.75): VU033844.D (-480) (-)

Ion 86.00 (85.70 to 86.70): VU033844.D (-480) (-)

Ion 49.10 (48.80 to 49.80): VU033844.D (-480) (-)





#21

2-Butanone

Concen: 2.507 ug/L

RT: 4.27 min Scan# 988

Delta R.T. 0.02 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

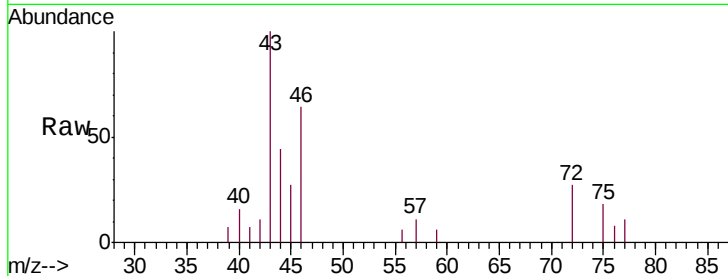
C0AJ0

Tgt Ion: 43 Resp: 6451

Ion Ratio Lower Upper

43 100

72 30.9 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) (-)

4.27

2500

2000

1500

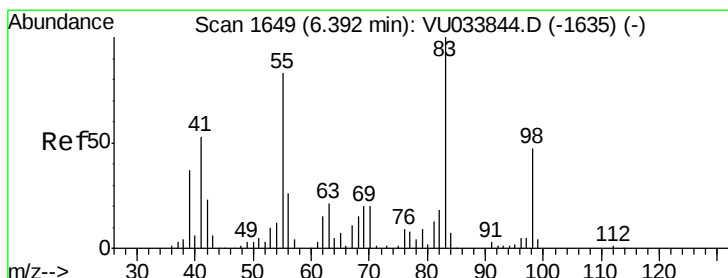
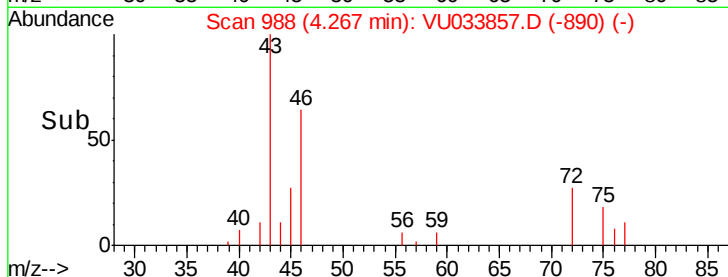
1000

500

0

4.20 4.25 4.30 4.35

Time-->



#35

Methylcyclohexane

Concen: 1.110 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

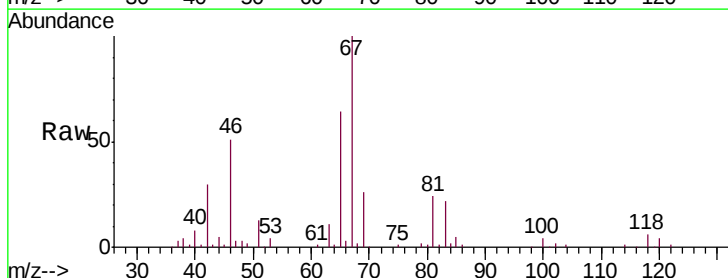
Tgt Ion: 83 Resp: 17672

Ion Ratio Lower Upper

83 100

55 0.0 64.3 96.5#

98 0.3 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) (-)

6.31

10000

8000

6000

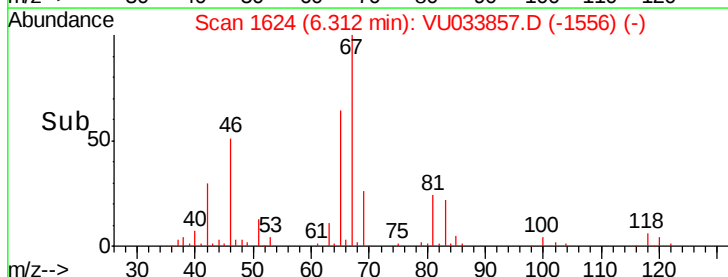
4000

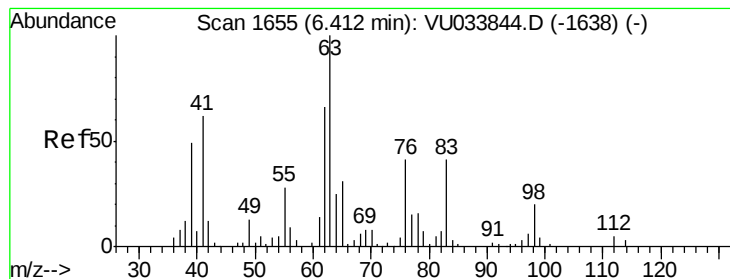
2000

0

6.25 6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.761 ug/L

RT: 6.32 min Scan# 1625

Delta R.T. -0.10 min

Lab File: VU033857.D

Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

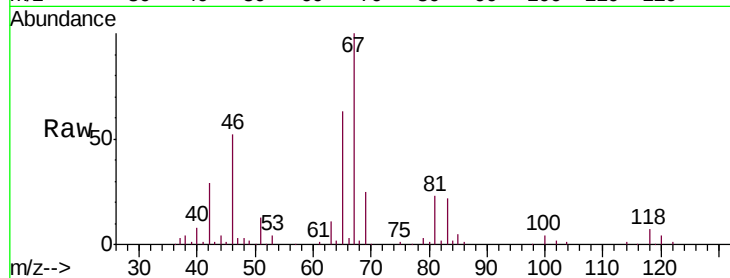
C0AJ0

Tgt Ion: 63 Resp: 8543

Ion Ratio Lower Upper

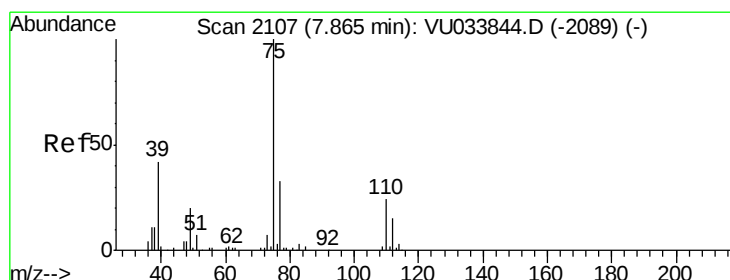
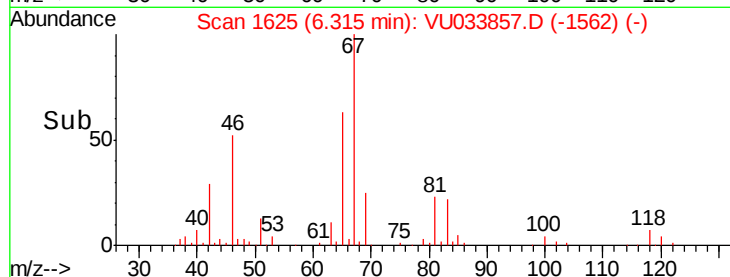
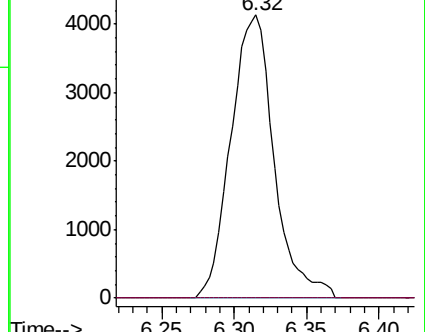
63 100

112 0.0 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: 0.088 ug/L

RT: 7.83 min Scan# 2095

Delta R.T. -0.04 min

Lab File: VU033857.D

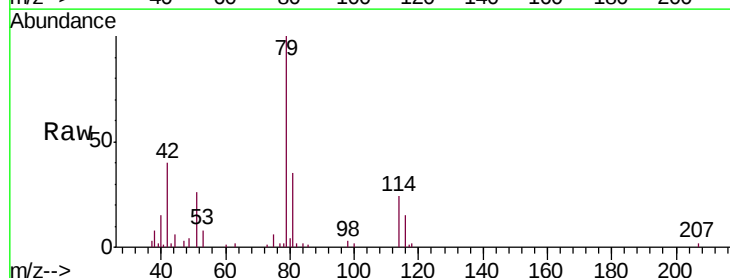
Acq: 20 Aug 2019 16:33

Tgt Ion: 75 Resp: 1097

Ion Ratio Lower Upper

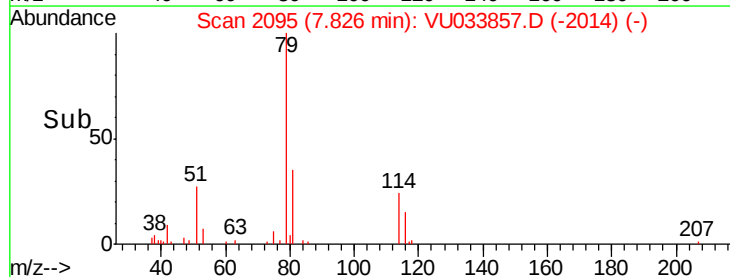
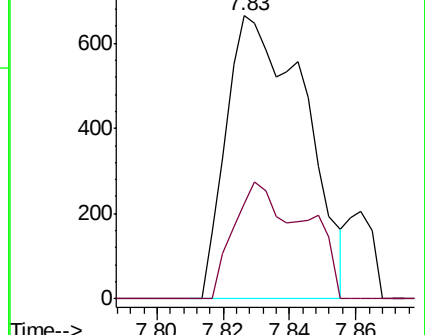
75 100

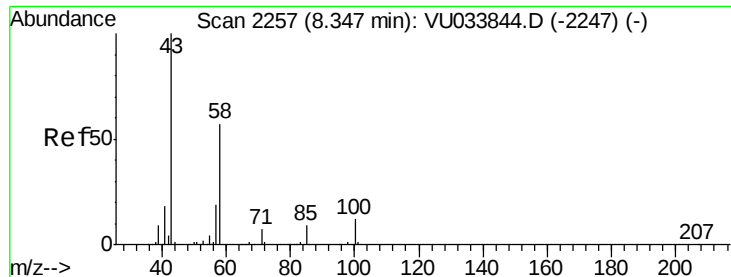
77 33.7 23.0 42.6



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

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

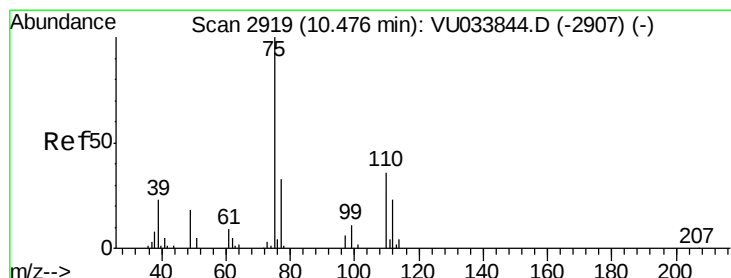
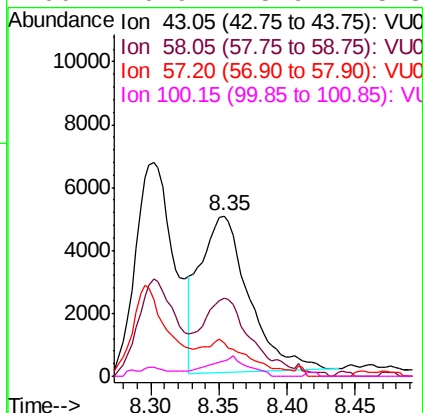
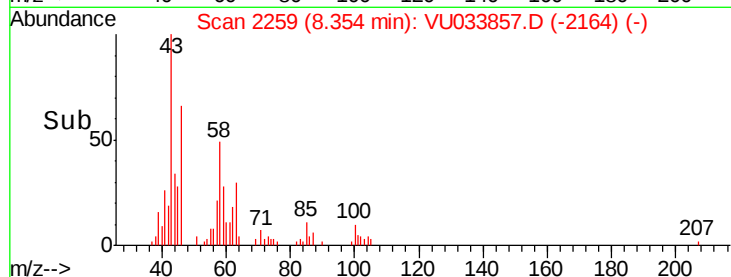
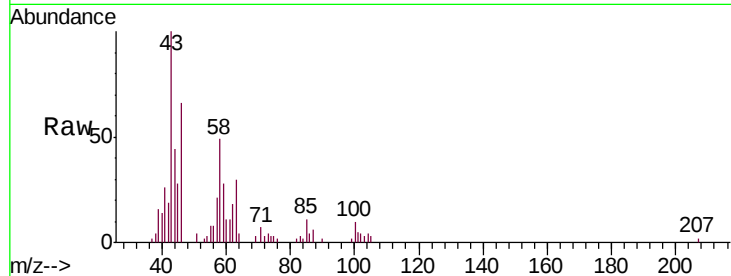




#48
 2-Hexanone
 Concen: 2.842 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU033857.D
 Acq: 20 Aug 2019 16:33

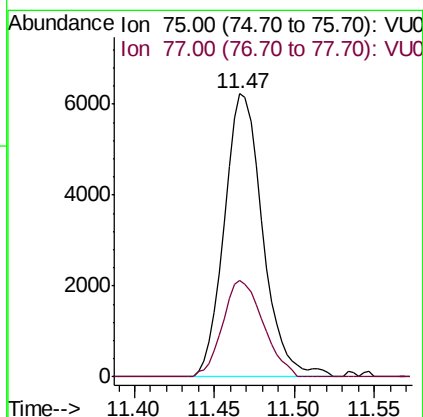
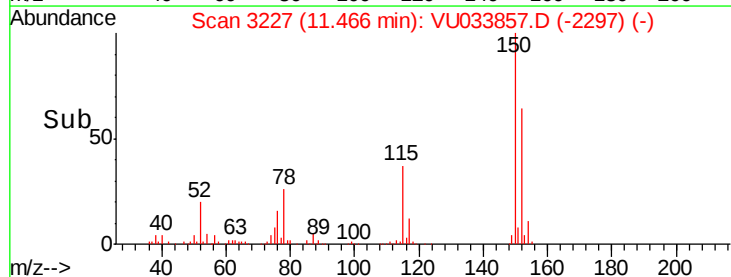
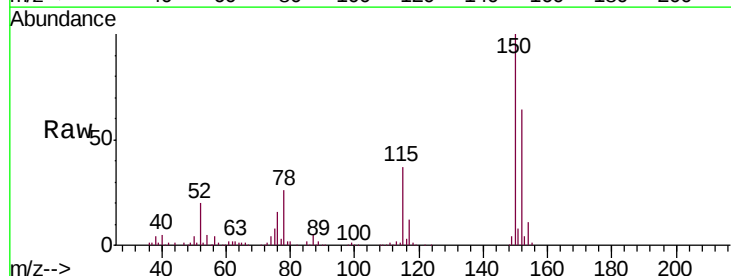
Instrument :
 MSVOA_U
 ClientSampled :
 C0AJ0

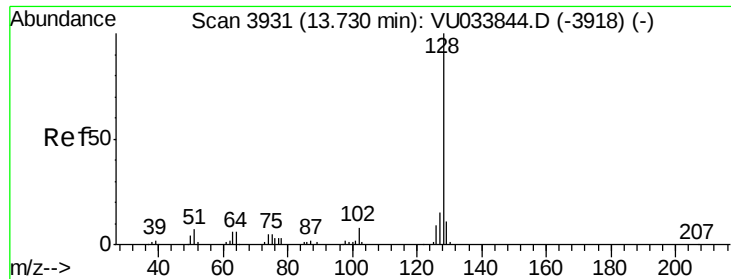
Tgt Ion:	43	Resp:	12355
Ion	Ratio	Lower	Upper
43	100		
58	41.9	45.1	67.7#
57	18.4	15.4	23.0
100	10.9	8.9	13.3



#59
 1,2,3-Trichloropropane
 Concen: 1.382 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033857.D
 Acq: 20 Aug 2019 16:33

Tgt Ion:	75	Resp:	10170
Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.3	39.5





#69

Naphthalene

Concen: 0.217 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.01 min

Lab File: VU033857.D

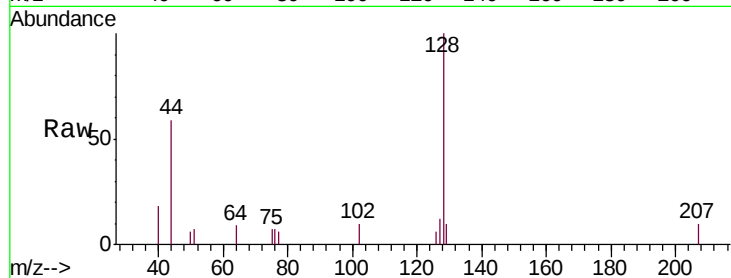
Acq: 20 Aug 2019 16:33

Instrument :

MSVOA_U

ClientSampleId :

C0AJ0



Tgt Ion:128 Resp: 3381

Ion Ratio Lower Upper

128 100

129 6.5 9.0 13.6#

127 3.1 10.9 16.3#

