

Data File : VU033853.D
Acq On : 20 Aug 2019 14:55
Operator : JC/SP
Sample : K4373-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AF4

Quant Time: Aug 21 05:45:56 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	204371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	204586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	98262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71068	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.67	69	64929	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.26	63	119863	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.16	46	132206	38.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.58%
24) Chloroform-d	4.62	84	125314	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.29	65	65030	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.31	84	249978	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.31	67	78664	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.55	98	212111	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.83	79	27462	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.30	63	97641	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	63548	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	88928	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

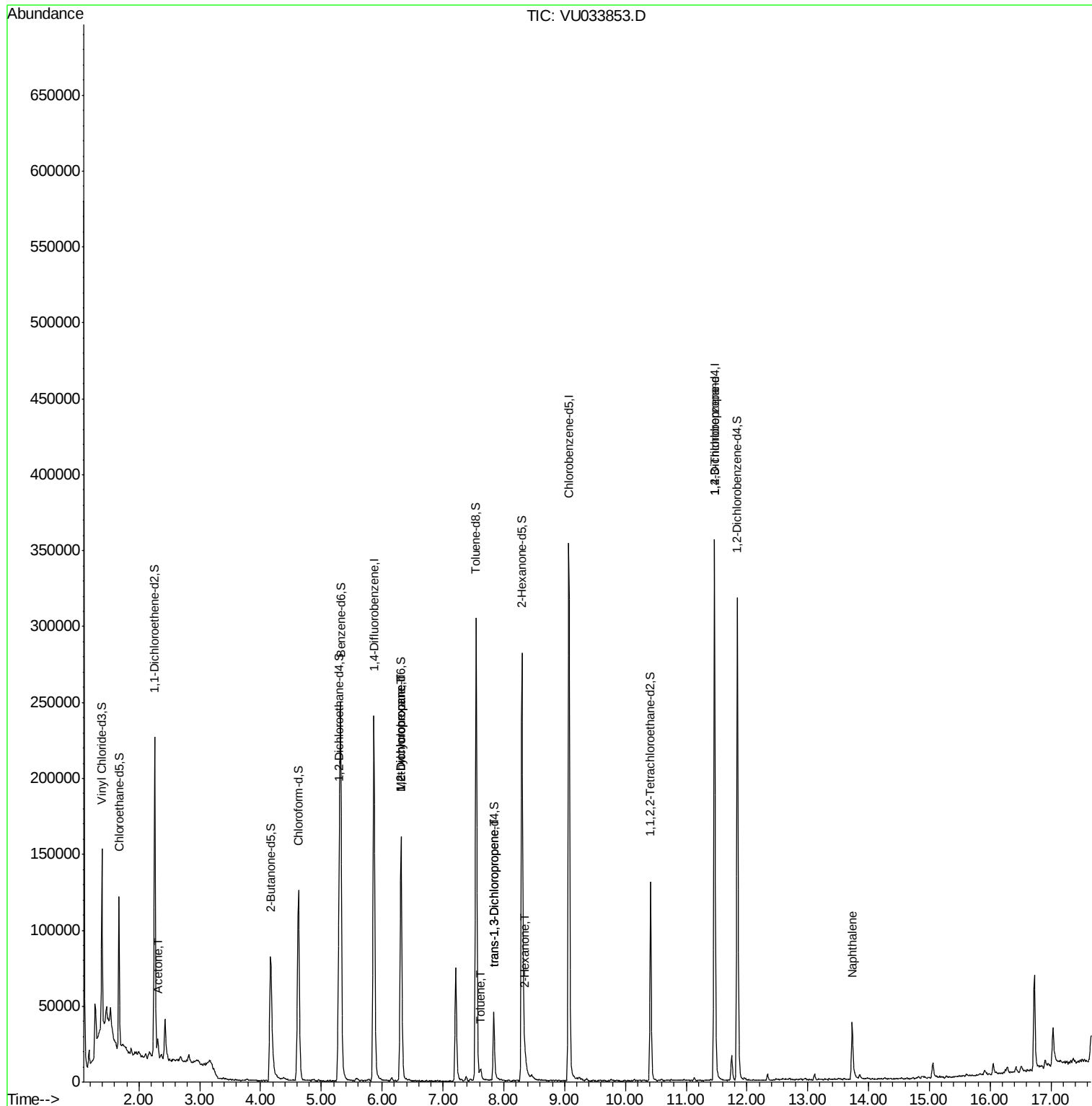
					Qvalue
13) Acetone	2.31	43	12132	4.596 ug/L	91
35) Methylcyclohexane	6.31	83	17742	1.054 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	8986	0.756 ug/L #	87
42) Toluene	7.63	91	5000	0.109 ug/L	87
44) trans-1,3-Dichloropropene	7.84	75	1351	0.103 ug/L	99
48) 2-Hexanone	8.35	43	6270	1.364 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	11594	1.489 ug/L	88
69) Naphthalene	13.73	128	39031	2.228 ug/L	95

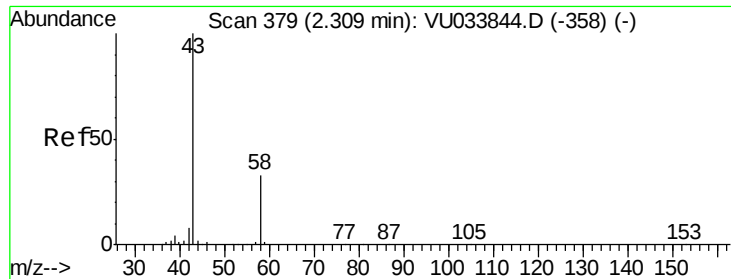
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.596 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033853.D

Acq: 20 Aug 2019 14:55

Instrument :

MSVOA_U

ClientSampleId :

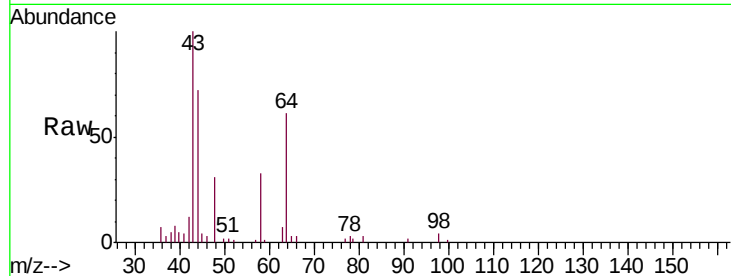
C0AF4

Tgt Ion: 43 Resp: 12132

Ion Ratio Lower Upper

43 100

58 37.6 0.0 65.4

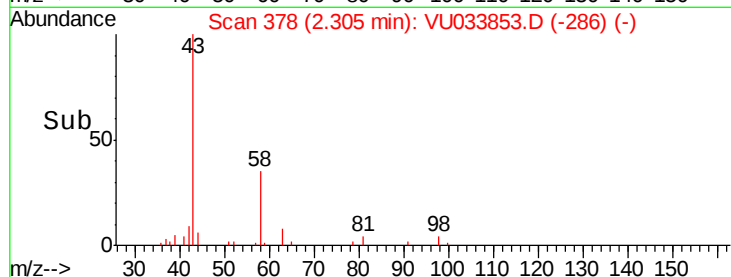


Abundance Ion 43.05 (42.75 to 43.75): VU033844.D (-358) (-)

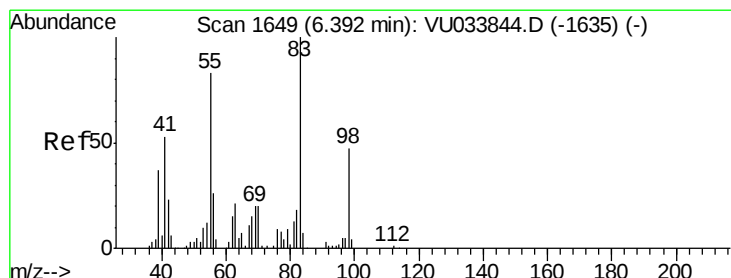
Ion 58.05 (57.75 to 58.75): VU033844.D (-358) (-)

Time-->

2.25 2.30 2.35



2.25 2.30 2.35



#35

Methylcyclohexane

Concen: 1.054 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033853.D

Acq: 20 Aug 2019 14:55

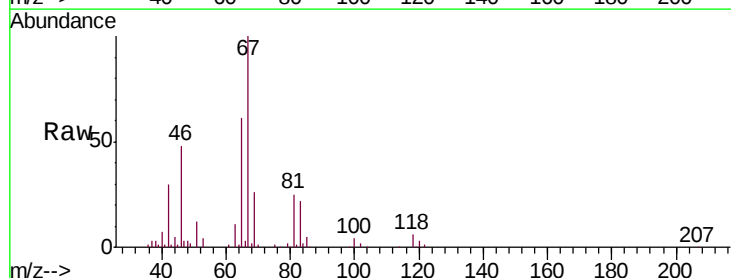
Tgt Ion: 83 Resp: 17742

Ion Ratio Lower Upper

83 100

55 0.2 64.3 96.5#

98 1.0 37.4 56.0#



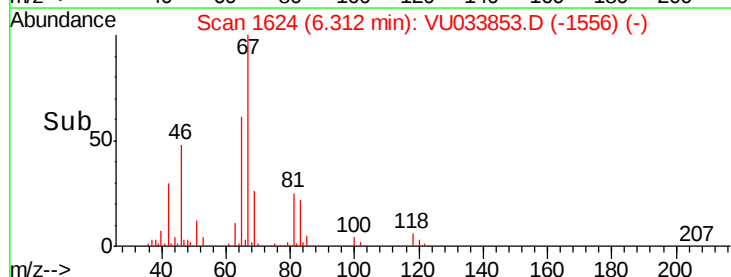
Abundance Ion 83.15 (82.85 to 83.85): VU033844.D (-1635) (-)

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

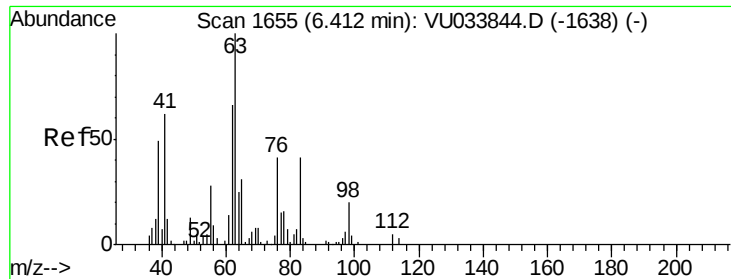
Ion 98.15 (97.85 to 98.85): VU033844.D (-1635) (-)

Time-->

6.25 6.30 6.35



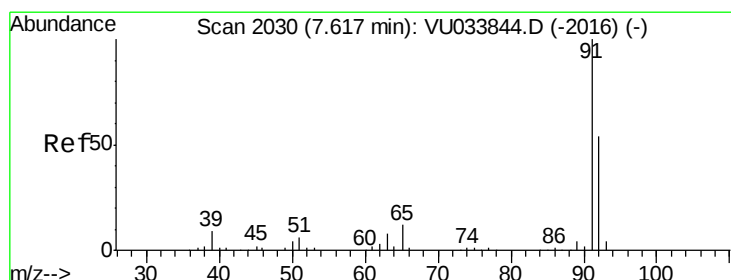
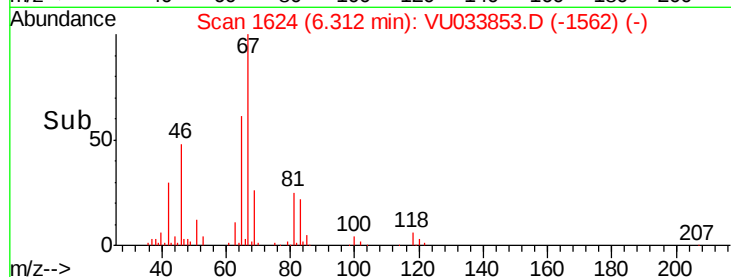
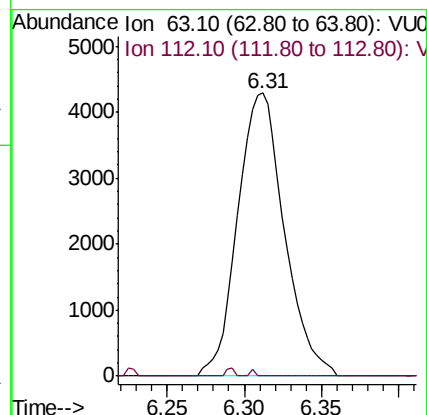
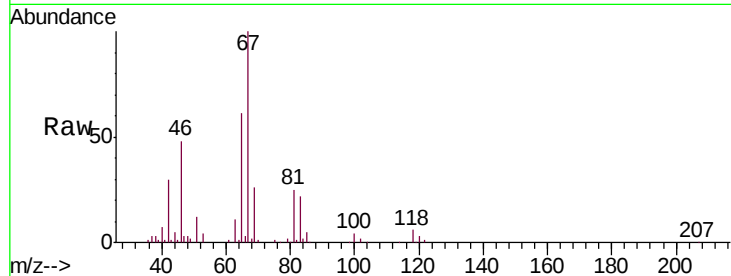
6.25 6.30 6.35



#37
 1,2-Dichloropropane
 Concen: 0.756 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033853.D
 Acq: 20 Aug 2019 14:55

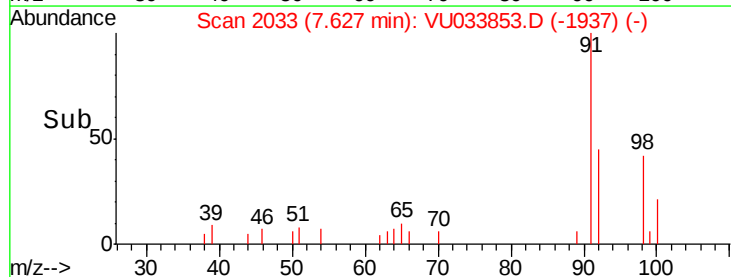
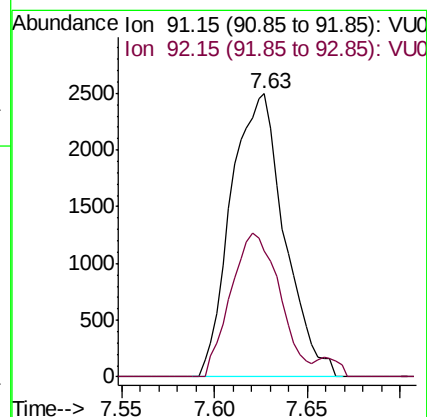
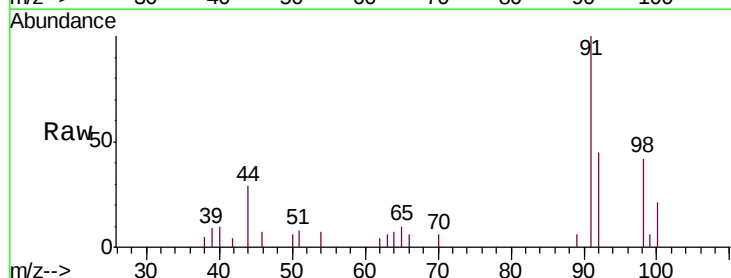
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF4

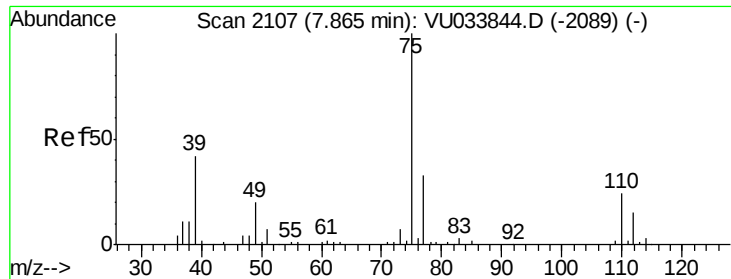
Tgt Ion: 63 Resp: 8986
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.5 5.3#



#42
 Toluene
 Concen: 0.109 ug/L
 RT: 7.63 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: VU033853.D
 Acq: 20 Aug 2019 14:55

Tgt Ion: 91 Resp: 5000
 Ion Ratio Lower Upper
 91 100
 92 44.7 38.1 70.7

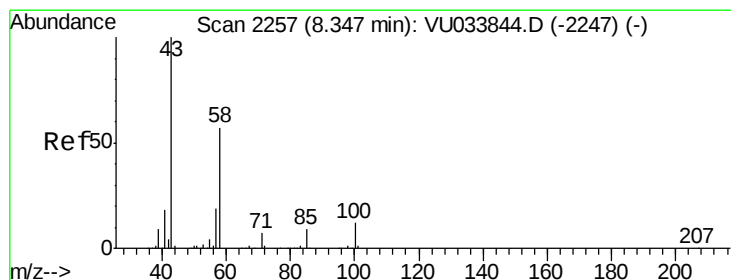
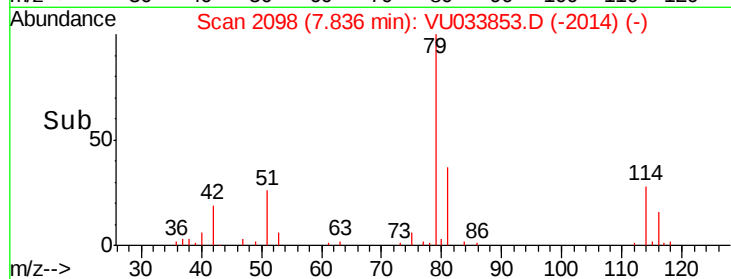
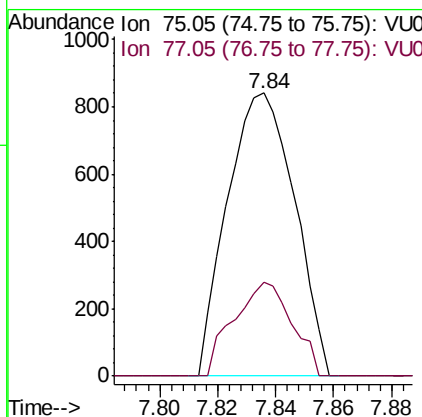
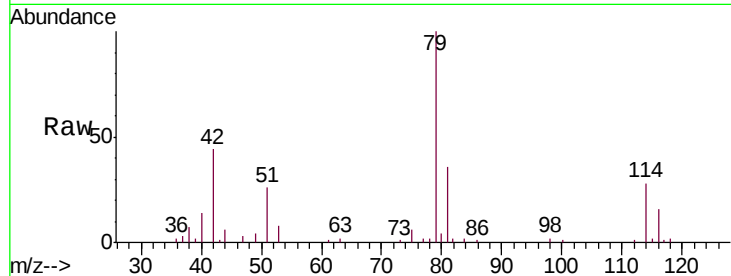




#44
trans-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033853.D
Acq: 20 Aug 2019 14:55

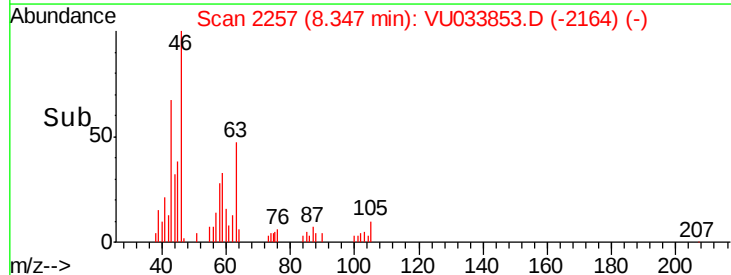
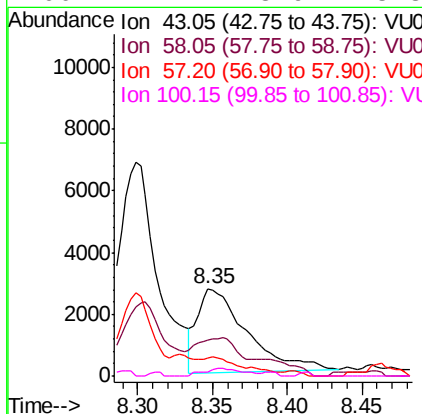
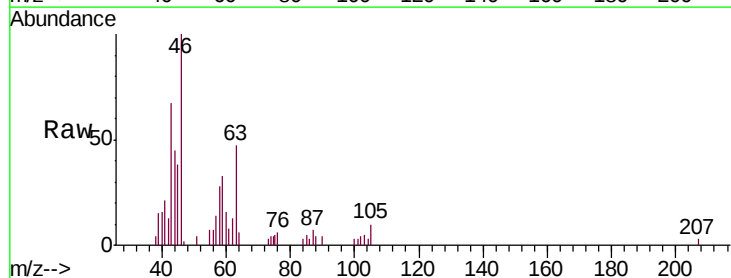
Instrument :
MSVOA_U
ClientSampleId :
C0AF4

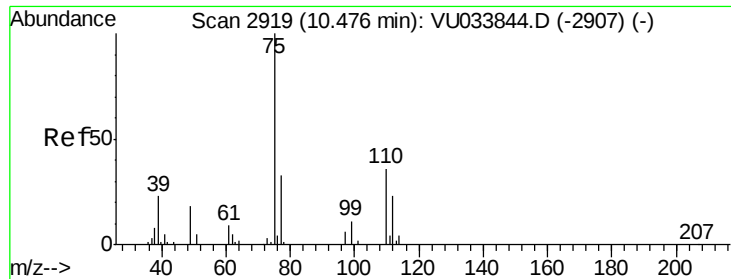
Tgt Ion: 75 Resp: 1351
Ion Ratio Lower Upper
75 100
77 33.3 23.0 42.6



#48
2-Hexanone
Concen: 1.364 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. -0.00 min
Lab File: VU033853.D
Acq: 20 Aug 2019 14:55

Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
58 24.5 45.1 67.7#
57 18.4 15.4 23.0
100 7.2 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 1.489 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033853.D

Acq: 20 Aug 2019 14:55

Instrument :

MSVOA_U

ClientSampleId :

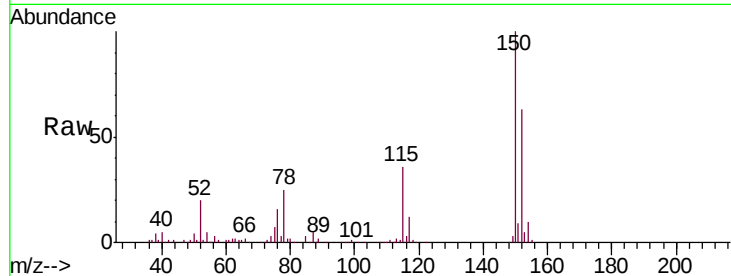
C0AF4

Tgt Ion: 75 Resp: 11594

Ion Ratio Lower Upper

75 100

77 39.4 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU033844.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033844.D (-2907) (-)

11.47

6000

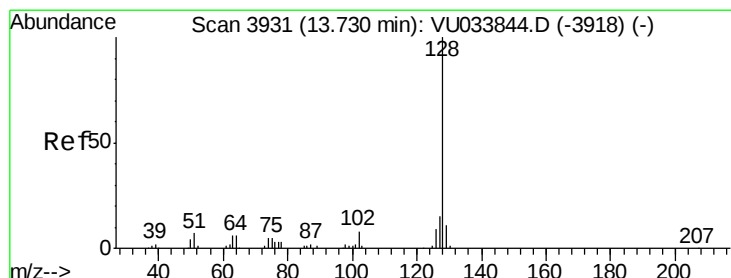
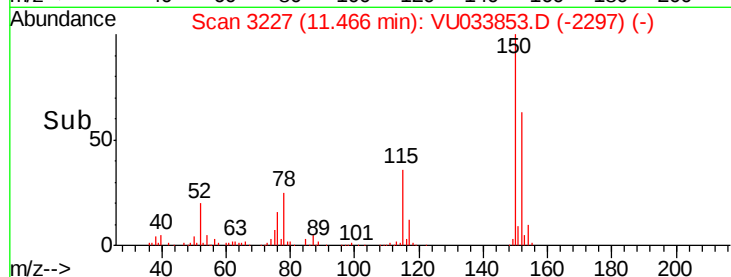
4000

2000

0

Time-->

11.40 11.45 11.50



#69

Naphthalene

Concen: 2.228 ug/L

RT: 13.73 min Scan# 3932

Delta R.T. 0.00 min

Lab File: VU033853.D

Acq: 20 Aug 2019 14:55

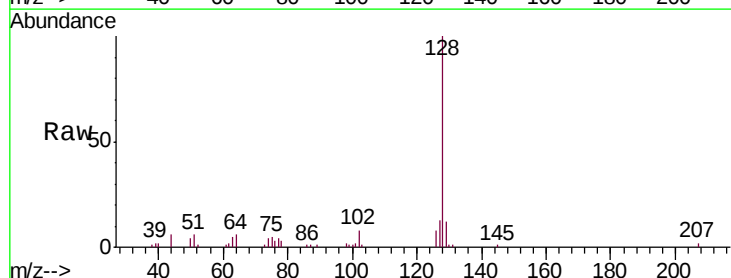
Tgt Ion: 128 Resp: 39031

Ion Ratio Lower Upper

128 100

129 10.1 9.0 13.6

127 11.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): VU033844.D (-3918) (-)

Ion 129.00 (128.70 to 129.70): VU033844.D (-3918) (-)

Ion 127.00 (126.70 to 127.70): VU033844.D (-3918) (-)

13.73

25000

20000

15000

10000

5000

0

Time-->

13.70 13.80 13.90

