

Data File : VU033849.D
Acq On : 20 Aug 2019 13:18
Operator : JC/SP
Sample : K4373-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AG8

Quant Time: Aug 21 05:45:08 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	167001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	77183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71938	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.67	69	62634	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.26	63	113724	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.16	46	125395	44.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.90%
24) Chloroform-d	4.62	84	117887	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	63290	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.31	84	225830	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.31	67	72758	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	189294	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.84	79	25524	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.30	63	67954	34.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53726	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	76795	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

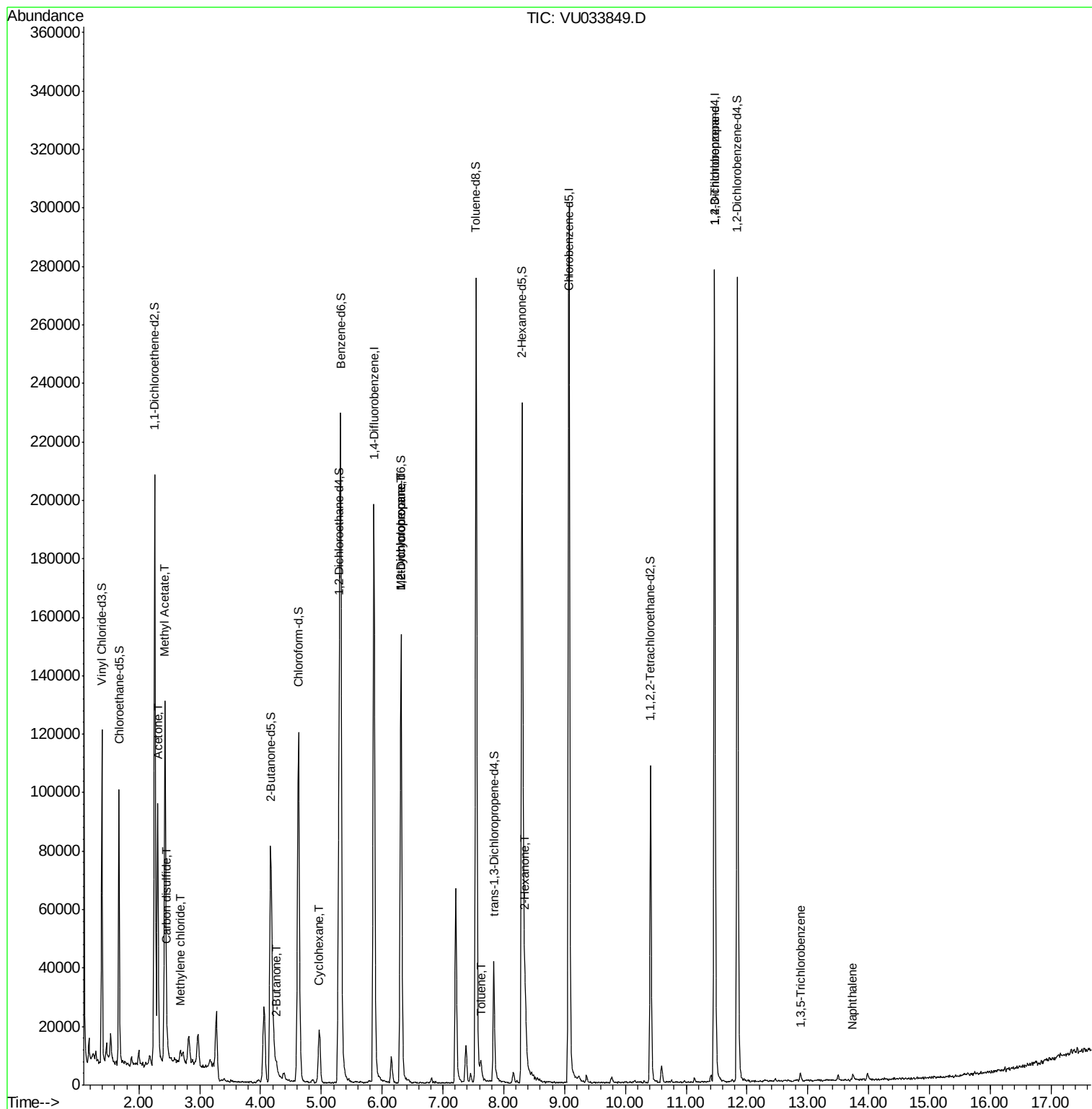
					Qvalue
13) Acetone	2.31	43	88855	41.194 ug/L	99
14) Carbon disulfide	2.46	76	6065	0.153 ug/L #	94
15) Methyl Acetate	2.43	43	30351	5.616 ug/L #	52
16) Methylene chloride	2.68	84	1563	0.115 ug/L	84
21) 2-Butanone	4.26	43	5185	2.242 ug/L	100
30) Cyclohexane	4.96	56	8217	0.615 ug/L	99
35) Methylcyclohexane	6.31	83	17587	1.225 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7948	0.784 ug/L #	87
42) Toluene	7.62	91	4225	0.108 ug/L	84
48) 2-Hexanone	8.35	43	14937	3.810 ug/L #	91
59) 1,2,3-Trichloropropane	11.47	75	9409	1.417 ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	1385	0.106 ug/L #	84
69) Naphthalene	13.74	128	3198	0.232 ug/L #	86

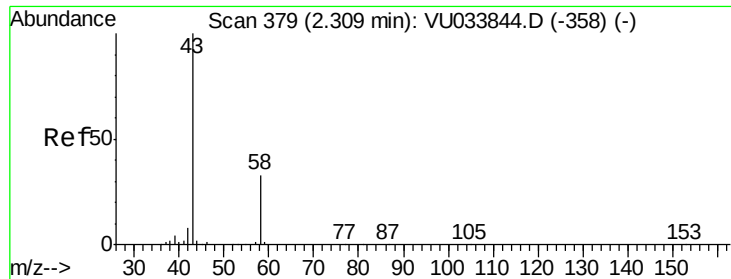
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 41.194 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_U

ClientSampleId :

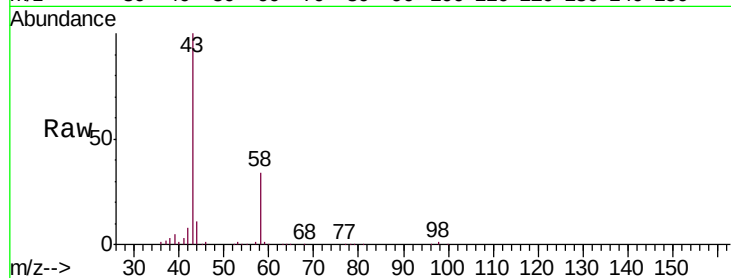
C0AG8

Tgt Ion: 43 Resp: 88855

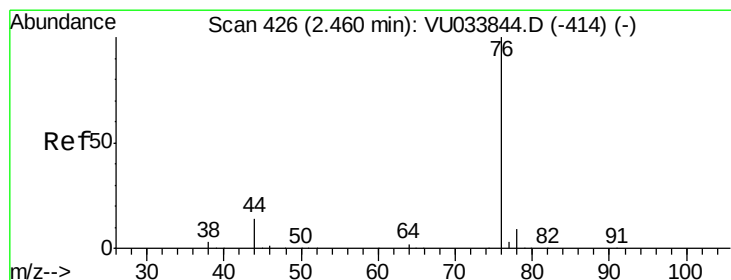
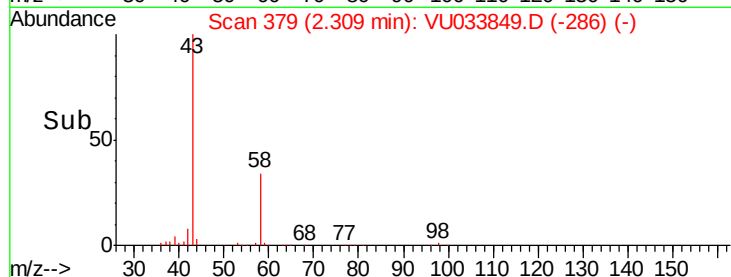
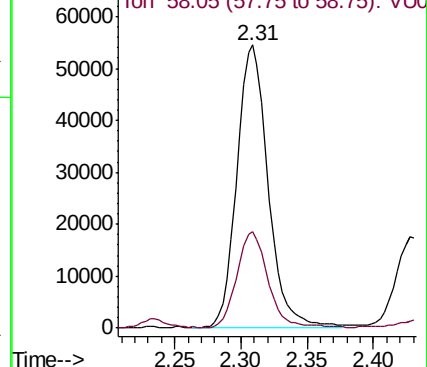
Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.4



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



#14

Carbon disulfide

Concen: 0.153 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033849.D

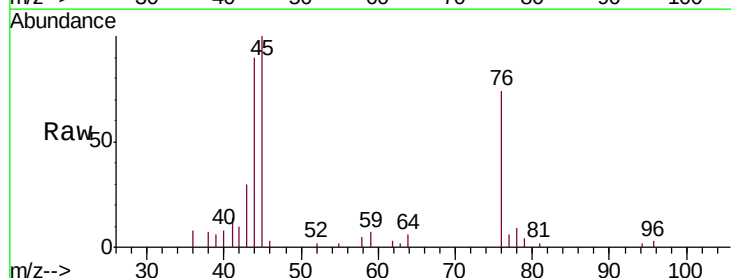
Acq: 20 Aug 2019 13:18

Tgt Ion: 76 Resp: 6065

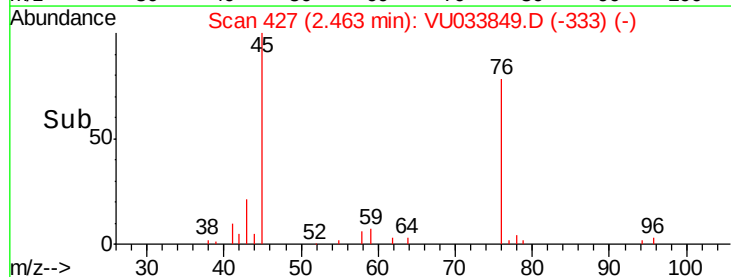
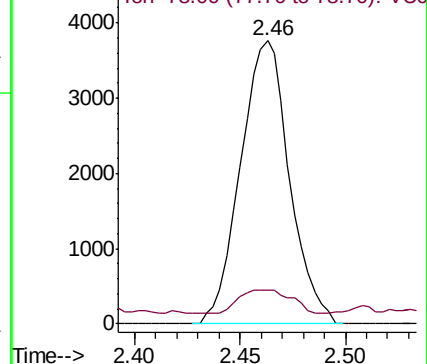
Ion Ratio Lower Upper

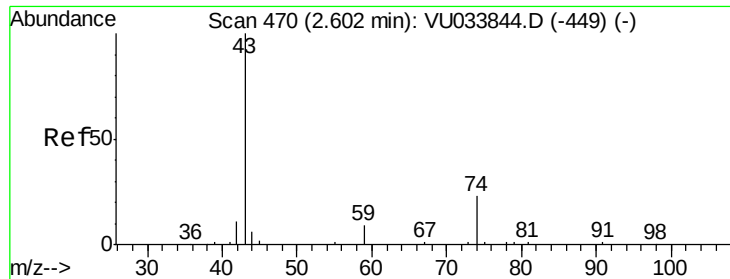
76 100

78 11.9 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VU033844.D (-414) (-)

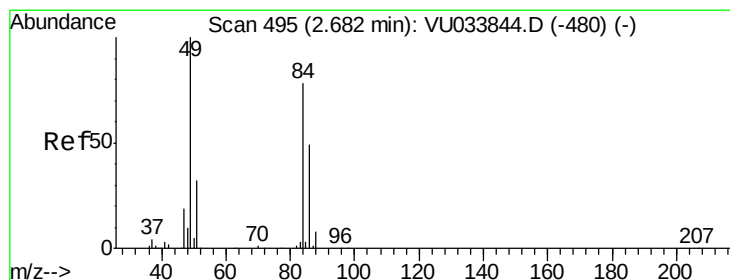
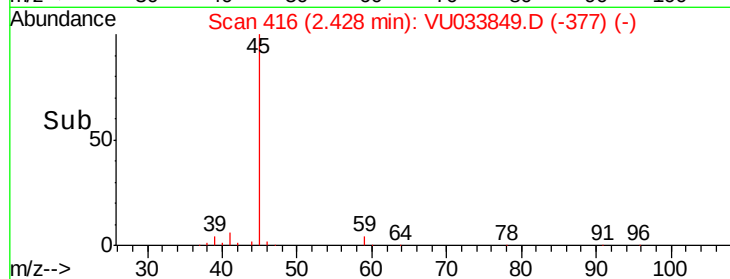
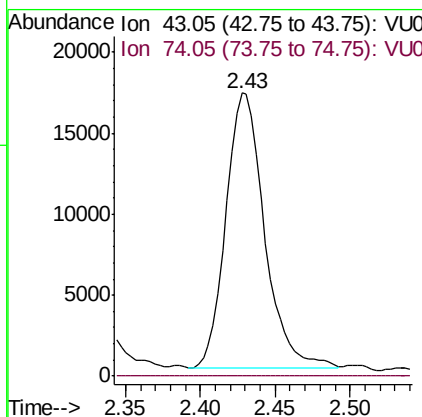
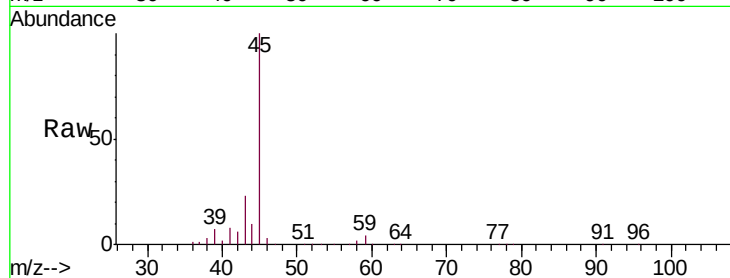




#15
Methyl Acetate
Concen: 5.616 ug/L
RT: 2.43 min Scan# 416
Delta R.T. -0.17 min
Lab File: VU033849.D
Acq: 20 Aug 2019 13:18

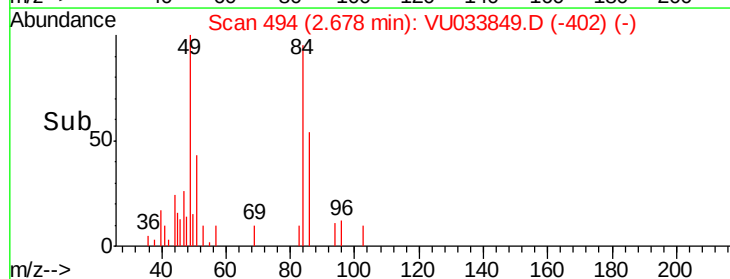
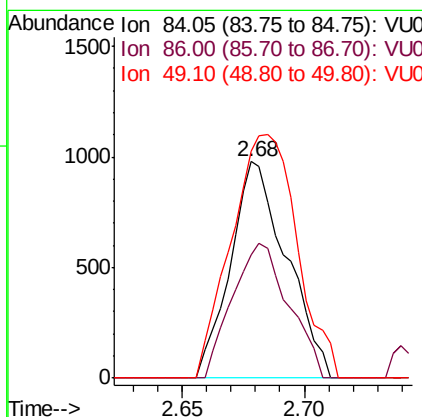
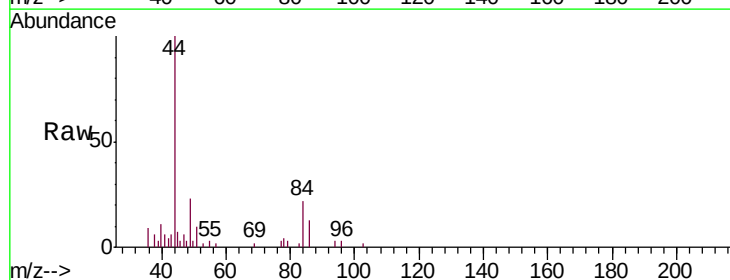
Instrument :
MSVOA_U
ClientSampleId :
C0AG8

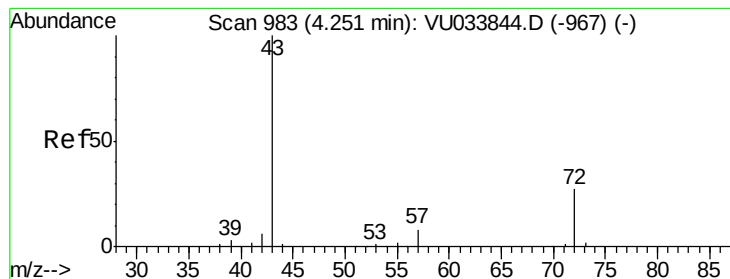
Tgt Ion: 43 Resp: 30351
Ion Ratio Lower Upper
43 100
74 0.1 18.6 28.0#



#16
Methylene chloride
Concen: 0.115 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU033849.D
Acq: 20 Aug 2019 13:18

Tgt Ion: 84 Resp: 1563
Ion Ratio Lower Upper
84 100
86 57.0 43.8 81.3
49 105.0 89.5 166.3





#21

2-Butanone

Concen: 2.242 ug/L

RT: 4.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_U

ClientSampleId :

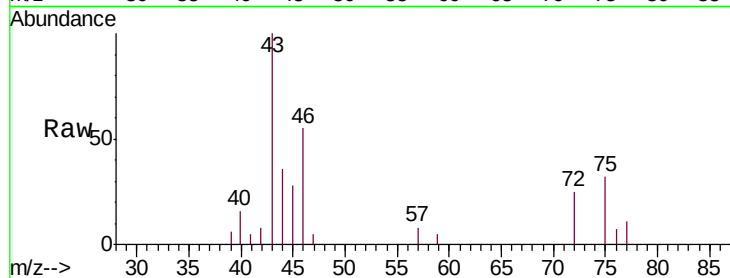
C0AG8

Tgt Ion: 43 Resp: 5185

Ion Ratio Lower Upper

43 100

72 27.2 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) (-)

4.26

2500

2000

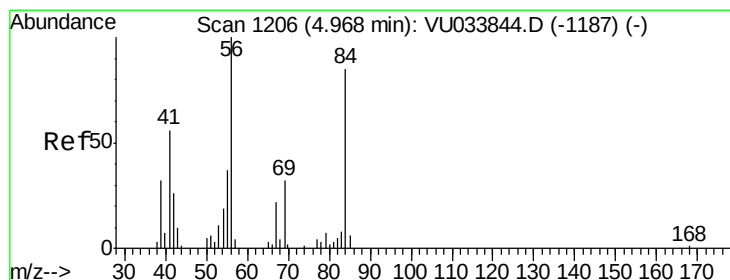
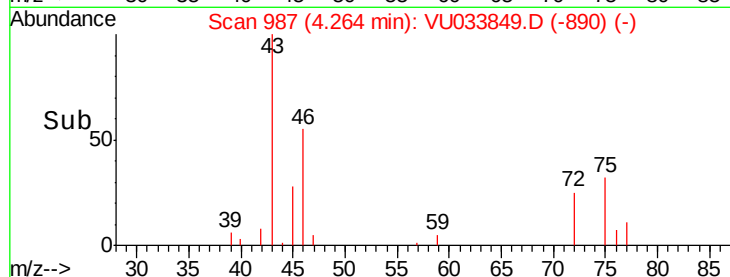
1500

1000

500

0

Time-->



#30

Cyclohexane

Concen: 0.615 ug/L

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

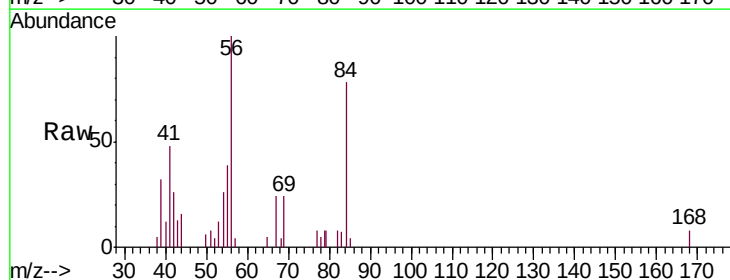
Tgt Ion: 56 Resp: 8217

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 88.0 69.5 104.3



Abundance Ion 56.10 (55.80 to 56.80): VU033844.D (-1187) (-)

Ion 69.15 (68.85 to 69.85): VU033844.D (-1187) (-)

Ion 84.15 (83.85 to 84.85): VU033844.D (-1187) (-)

4.96

4000

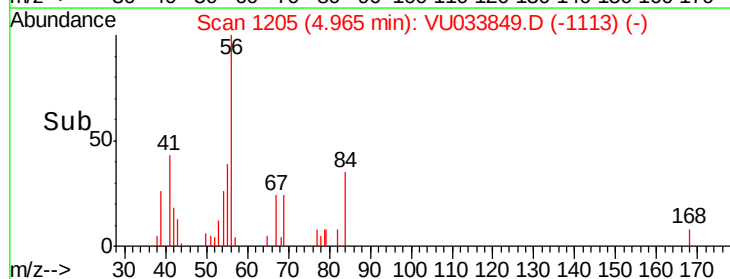
3000

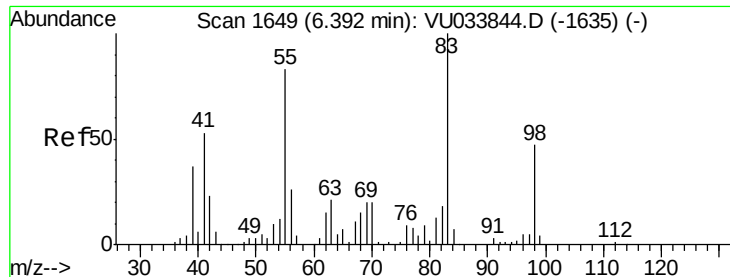
2000

1000

0

Time-->

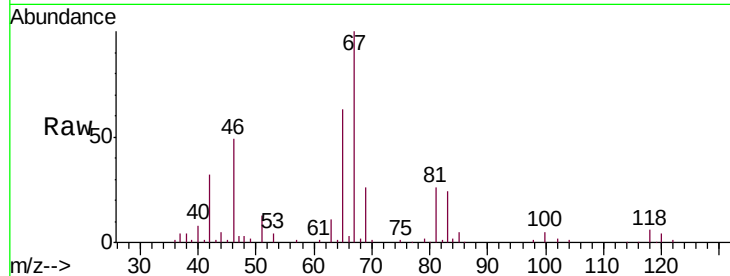




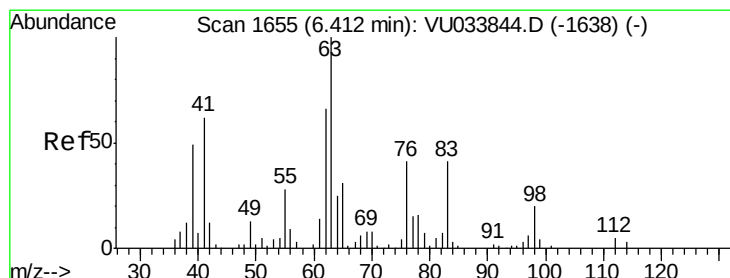
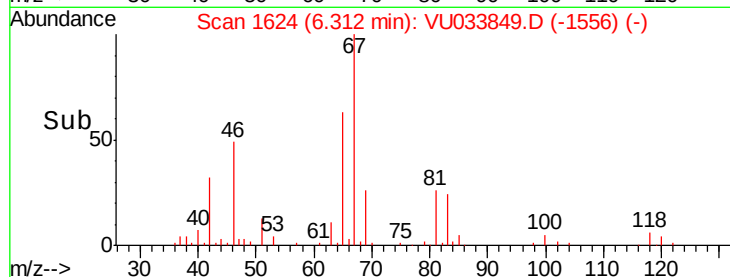
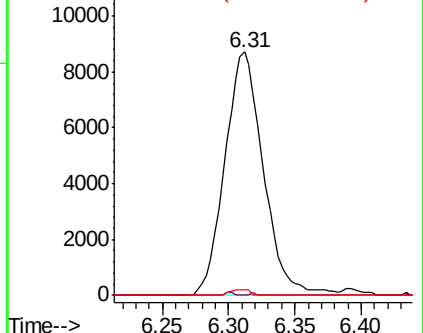
#35
Methylcyclohexane
Concen: 1.225 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033849.D
Acq: 20 Aug 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
C0AG8

Tgt Ion: 83 Resp: 17587
Ion Ratio Lower Upper
83 100
55 0.2 64.3 96.5#
98 1.2 37.4 56.0#

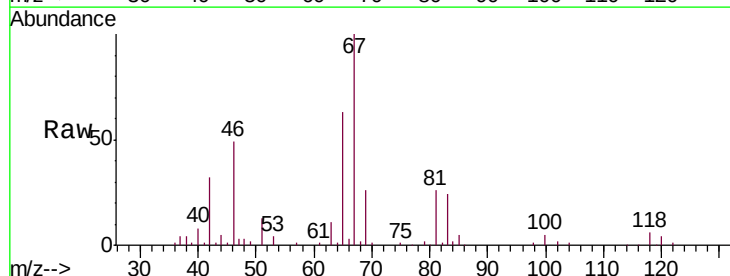


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

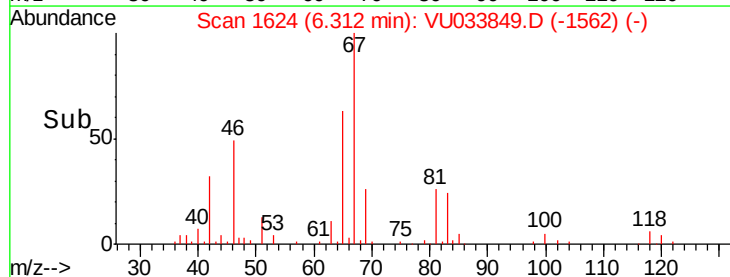
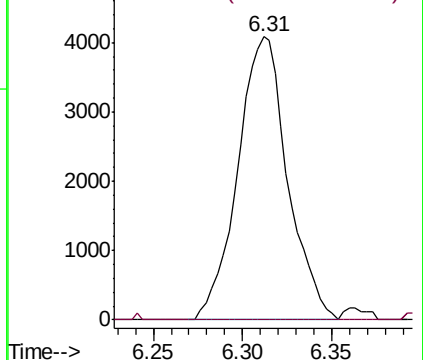


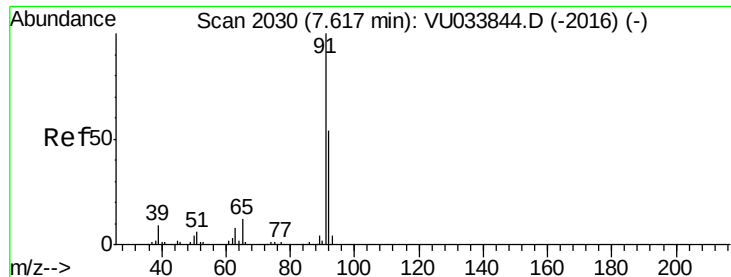
#37
1,2-Dichloropropane
Concen: 0.784 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033849.D
Acq: 20 Aug 2019 13:18

Tgt Ion: 63 Resp: 7948
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.108 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

Instrument :

MSVOA_U

ClientSampleId :

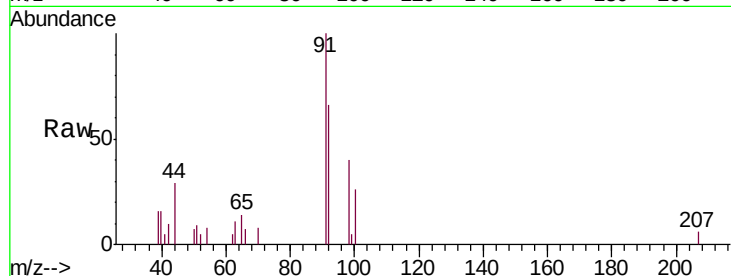
C0AG8

Tgt Ion: 91 Resp: 4225

Ion Ratio Lower Upper

91 100

92 66.2 38.1 70.7



Abundance Ion 91.15 (90.85 to 91.85): VU033844.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU033844.D (-2016) (-)

7.62

2500

2000

1500

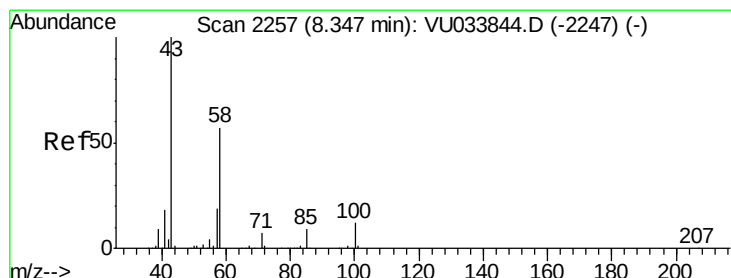
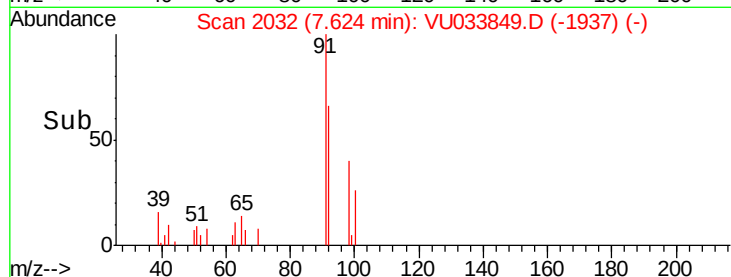
1000

500

0

7.60 7.65

Time-->



#48

2-Hexanone

Concen: 3.810 ug/L

RT: 8.35 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

Tgt Ion: 43 Resp: 14937

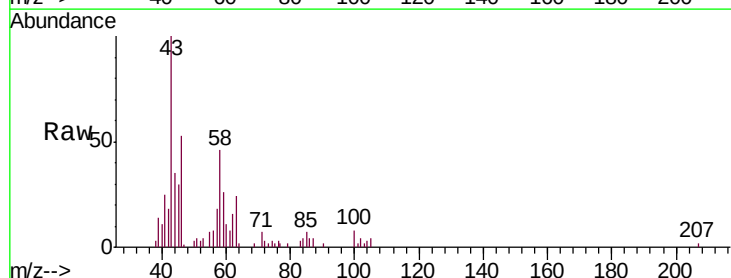
Ion Ratio Lower Upper

43 100

58 49.4 45.1 67.7

57 16.0 15.4 23.0

100 8.6 8.9 13.3#



Abundance Ion 43.05 (42.75 to 43.75): VU033844.D (-2247) (-)

Ion 58.05 (57.75 to 58.75): VU033844.D (-2247) (-)

Ion 57.20 (56.90 to 57.90): VU033844.D (-2247) (-)

Ion 100.15 (99.85 to 100.85): VU033844.D (-2247) (-)

10000

8000

6000

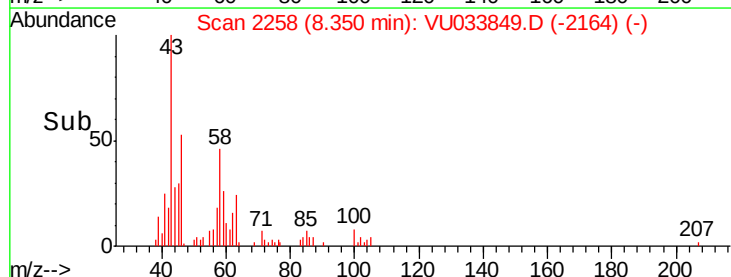
4000

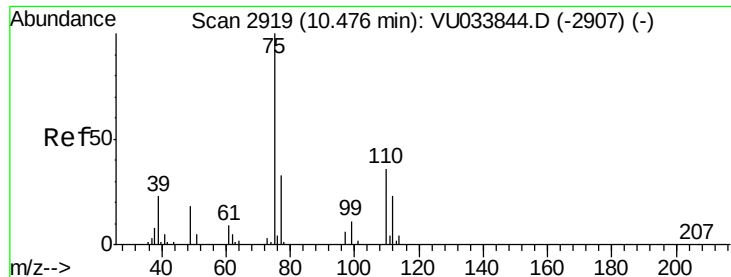
2000

0

8.30 8.35 8.40 8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.417 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

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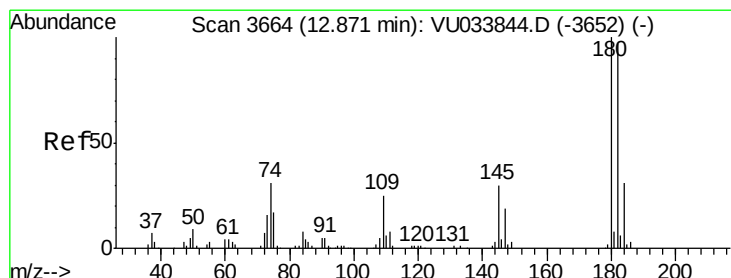
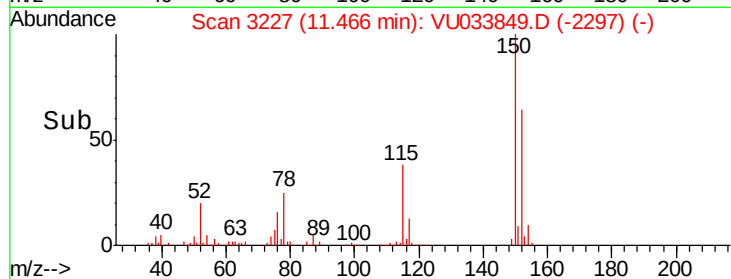
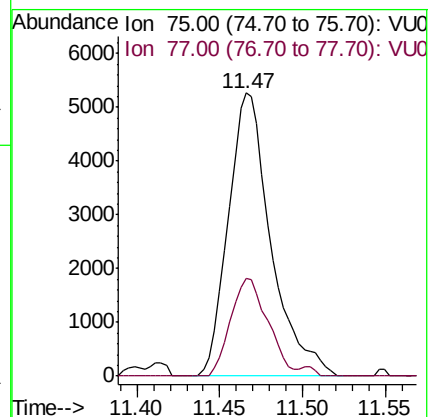
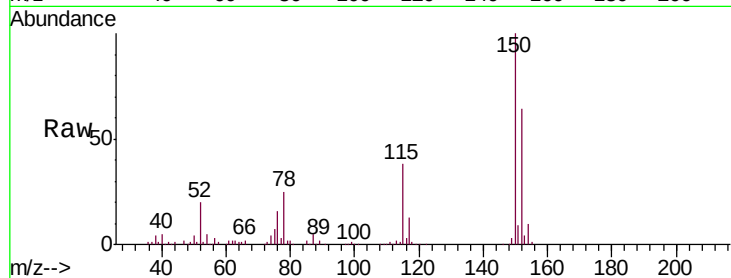
C0AG8

Tgt Ion: 75 Resp: 9409

Ion Ratio Lower Upper

75 100

77 30.0 26.3 39.5



#67

1,3,5-Trichlorobenzene

Concen: 0.106 ug/L

RT: 12.88 min Scan# 3667

Delta R.T. 0.01 min

Lab File: VU033849.D

Acq: 20 Aug 2019 13:18

Tgt Ion: 180 Resp: 1385

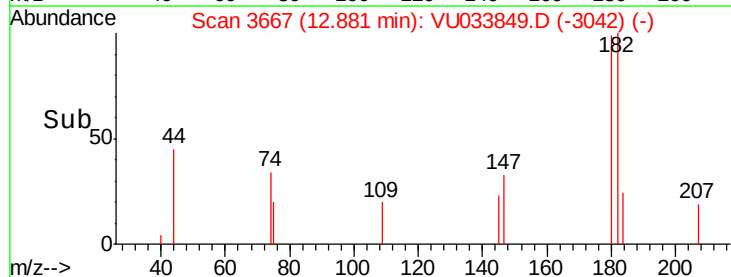
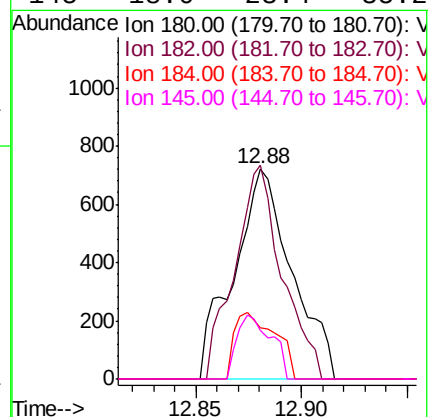
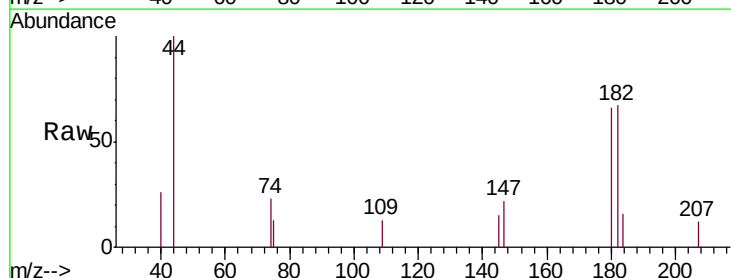
Ion Ratio Lower Upper

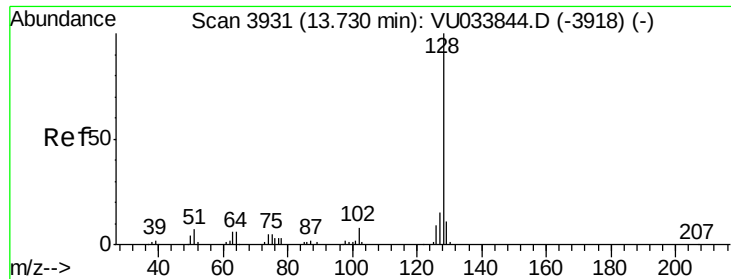
180 100

182 82.2 77.5 116.3

184 22.0 24.2 36.4#

145 18.0 23.4 35.2#





#69

Naphthalene

Concen: 0.232 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.01 min

Lab File: VU033849.D

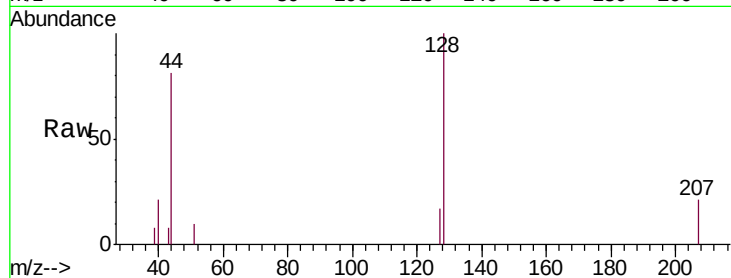
Acq: 20 Aug 2019 13:18

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C0AG8



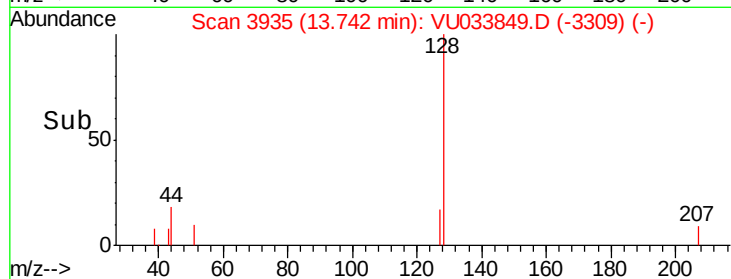
Tgt Ion:128 Resp: 3198

Ion Ratio Lower Upper

128 100

129 2.3 9.0 13.6#

127 10.8 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

