

Data File : VU035084.D
Acq On : 11 Oct 2019 12:46
Operator : JC/SP
Sample : K5310-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-13D-001-01

Quant Time: Oct 12 01:53:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56033	5.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.00%
7) Chloroethane-d5	1.68	69	51387	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.26	63	82666	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.17	46	153376	54.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.62	84	100812	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.29	65	57778	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.32	84	203329	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.31	67	71557	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.55	98	180292	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.84	79	22127	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.31	63	105227	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57708	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	57592	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

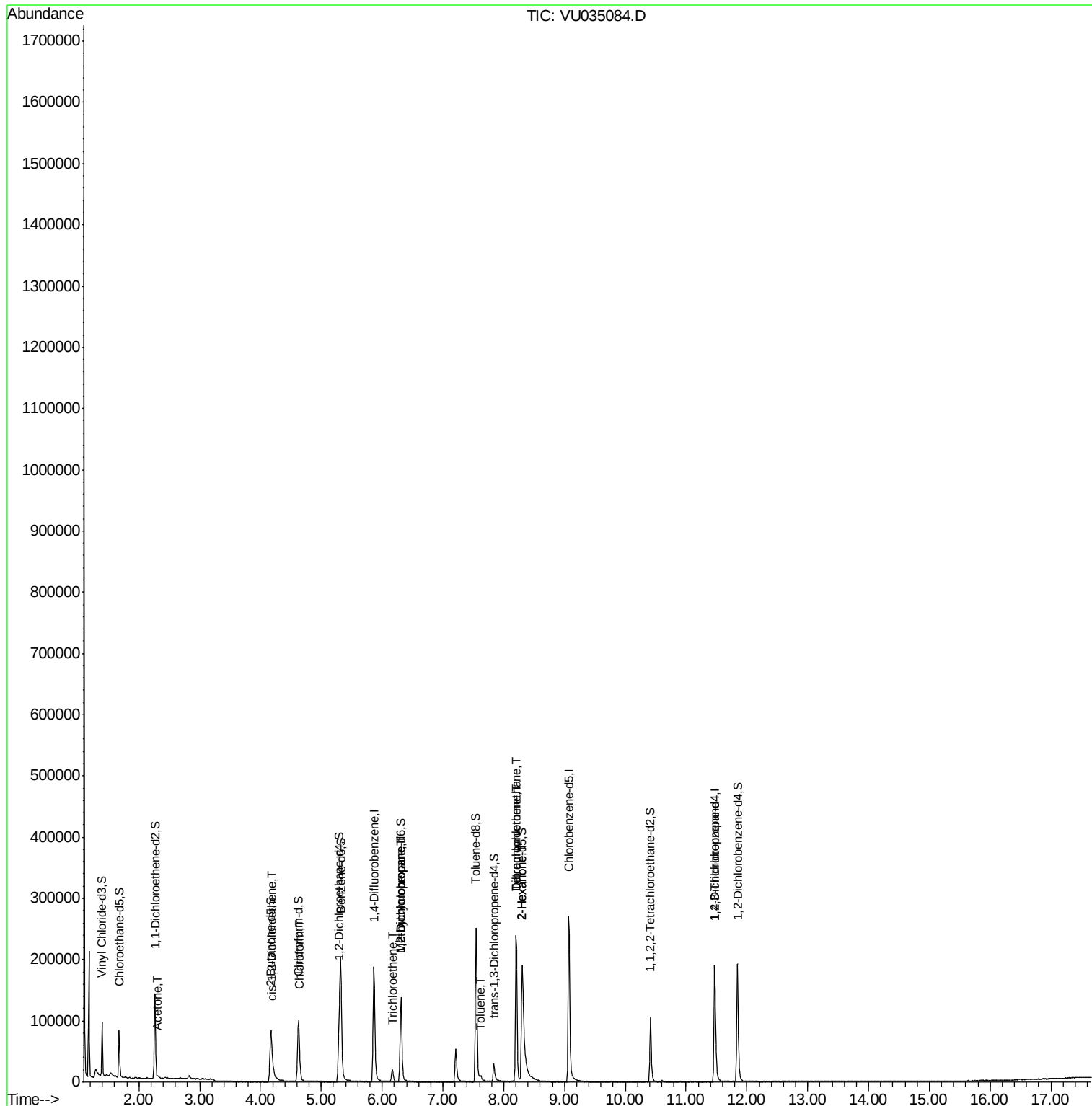
					Qvalue
13) Acetone	2.31	43	3753	1.625 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	3232	0.260 ug/L	94
25) Chloroform	4.65	83	3547	0.143 ug/L	81
34) Trichloroethene	6.17	95	7583	0.581 ug/L	94
35) Methylcyclohexane	6.31	83	15708	0.743 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7699	0.564 ug/L #	88
42) Toluene	7.62	91	5590	0.106 ug/L	87
47) Tetrachloroethene	8.21	164	55703	5.271 ug/L	95
48) 2-Hexanone	8.31	43	11421	1.938 ug/L #	62
49) Dibromochloromethane	8.21	129	52559	5.015 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8108	0.917 ug/L	100

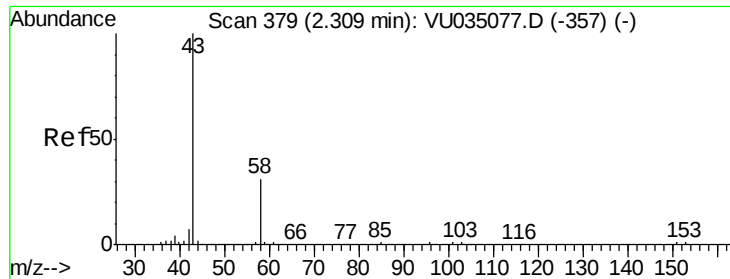
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.625 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

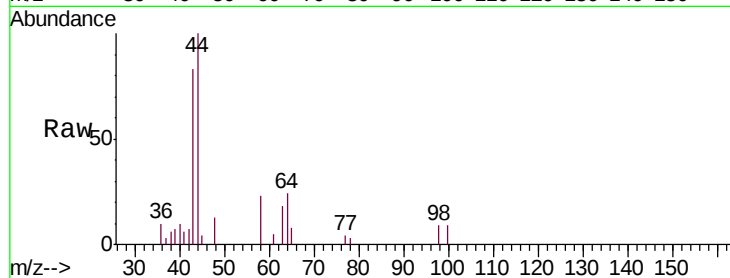
MW-13D-001-01

Tgt Ion: 43 Resp: 3753

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.6



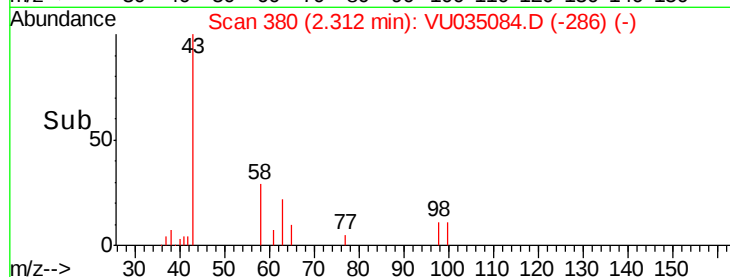
Abundance Ion 43.05 (42.75 to 43.75): VU035077.D (-357) (-)

Ion 58.05 (57.75 to 58.75): VU035077.D (-357) (-)

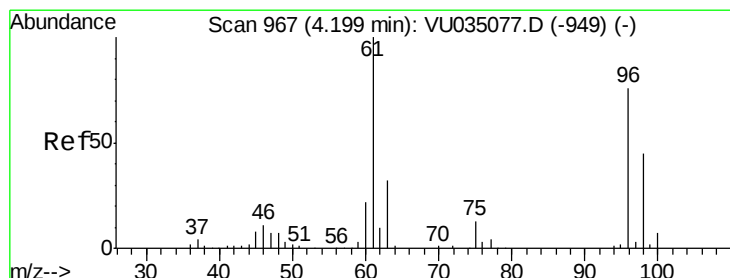
2.31

2.30

2.35



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.260 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

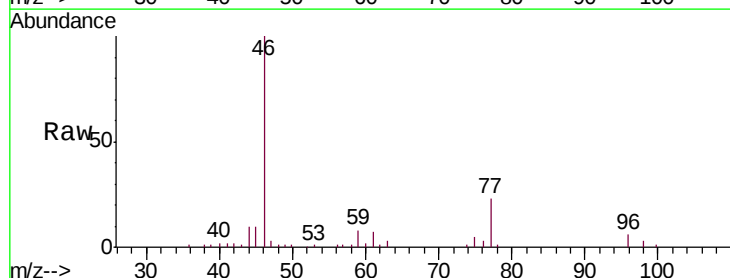
Tgt Ion: 96 Resp: 3232

Ion Ratio Lower Upper

96 100

61 120.9 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035077.D (-949) (-)

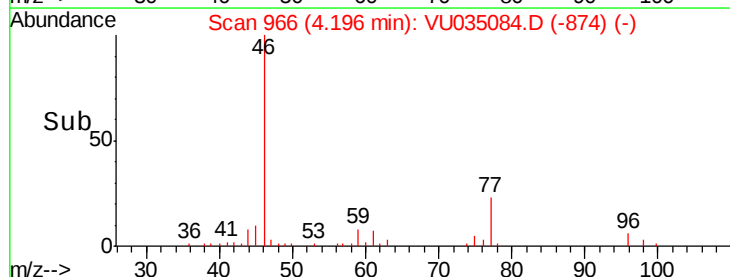
Ion 61.05 (60.75 to 61.75): VU035077.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035077.D (-949) (-)

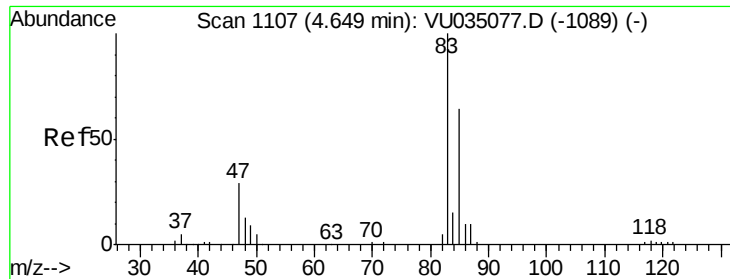
4.20

4.15

4.25



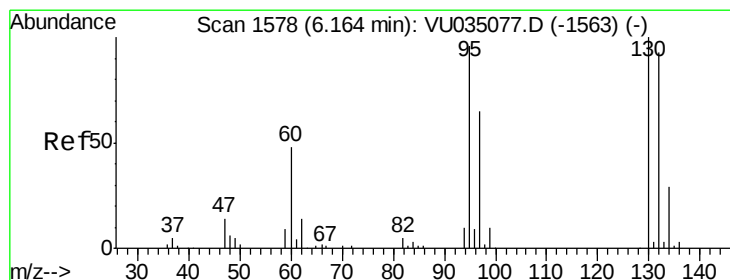
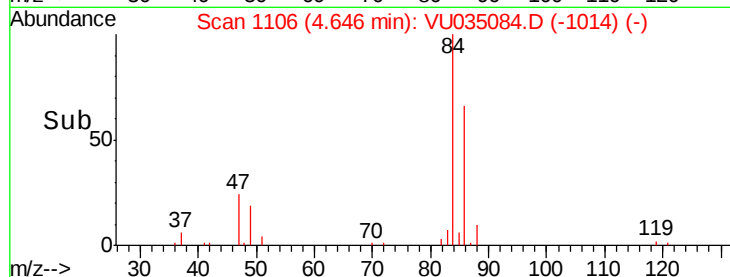
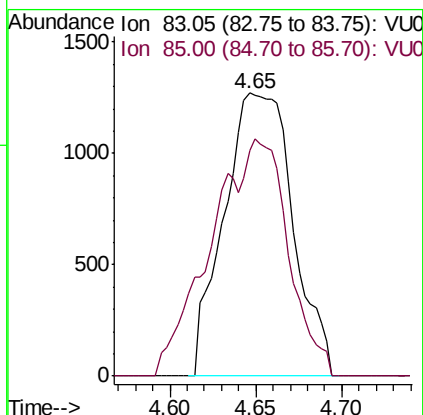
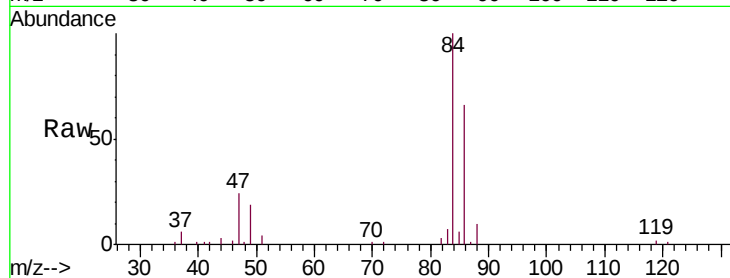
Time-->



#25
Chloroform
Concen: 0.143 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

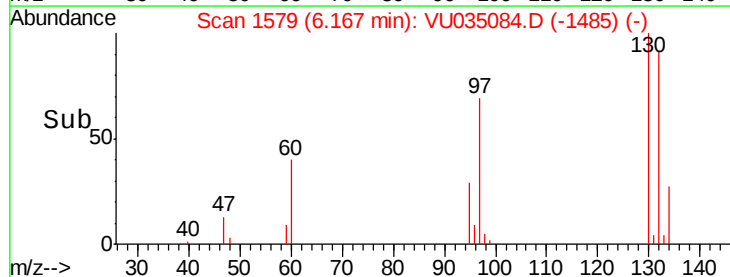
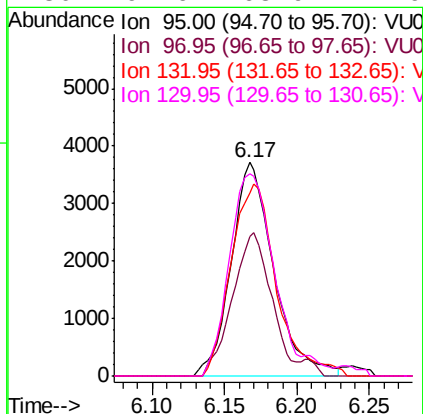
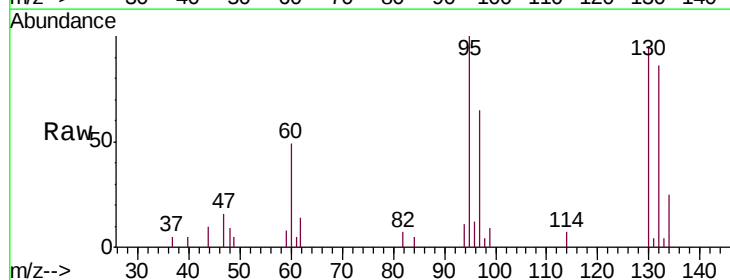
Instrument :
MSVOA_U
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MW-13D-001-01

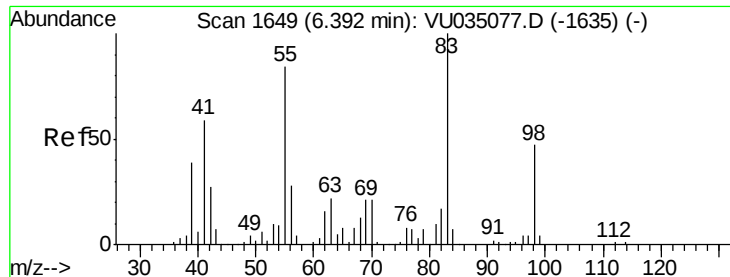
Tgt Ion: 83 Resp: 3547
Ion Ratio Lower Upper
83 100
85 79.9 45.4 84.4



#34
Trichloroethene
Concen: 0.581 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

Tgt Ion: 95 Resp: 7583
Ion Ratio Lower Upper
95 100
97 65.4 44.5 82.7
132 86.0 66.6 123.8
130 94.6 68.9 127.9

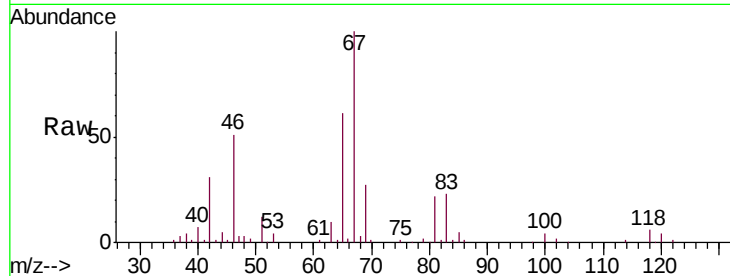




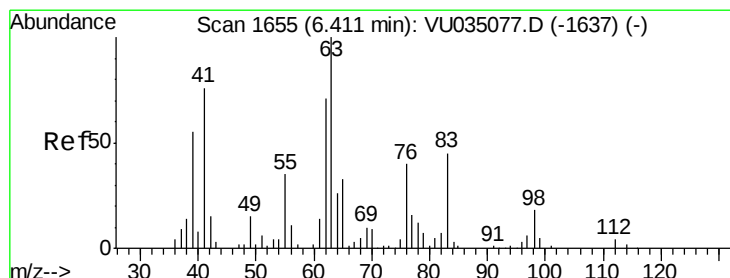
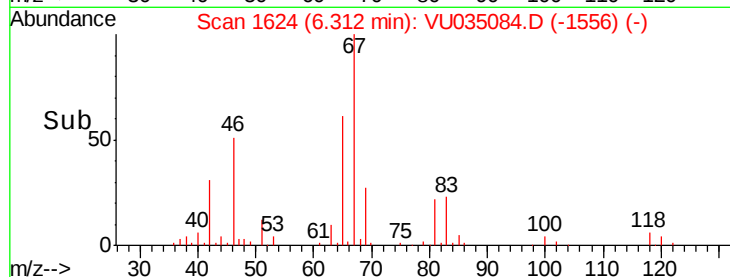
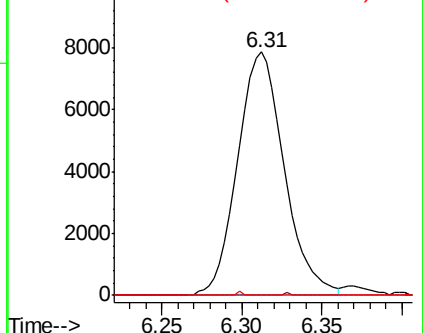
#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

Instrument :
MSVOA_U
ClientSampleId :
MW-13D-001-01

Tgt Ion: 83 Resp: 15708
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.1 36.2 54.2#

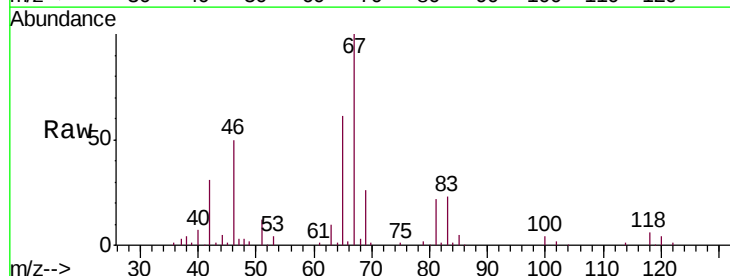


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

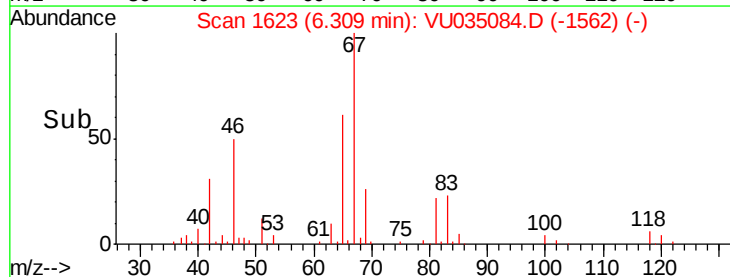
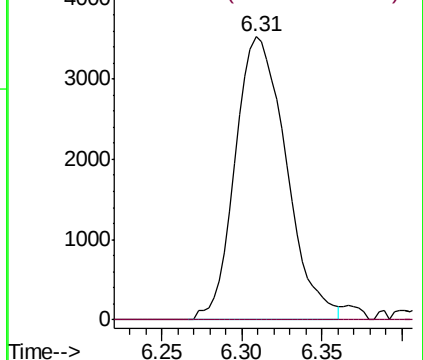


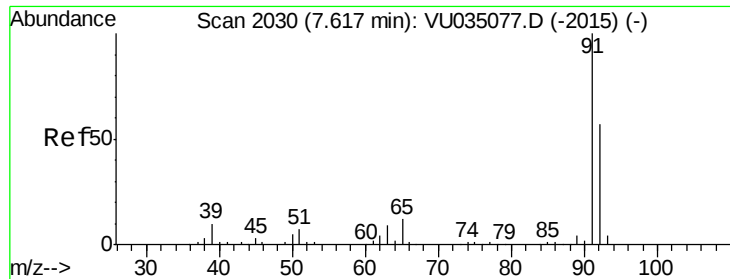
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

Tgt Ion: 63 Resp: 7699
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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





#42

Toluene

Concen: 0.106 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

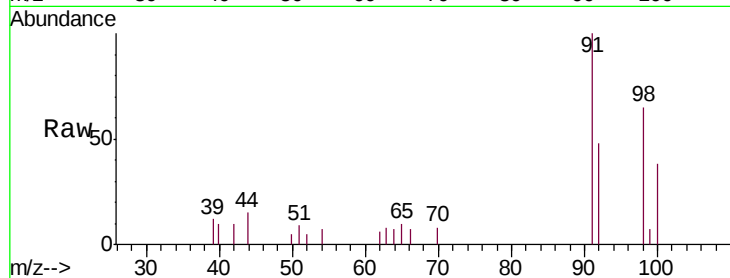
MW-13D-001-01

Tgt Ion: 91 Resp: 5590

Ion Ratio Lower Upper

91 100

92 47.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035077.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035077.D (-2015) (-)

7.62

3000

2500

2000

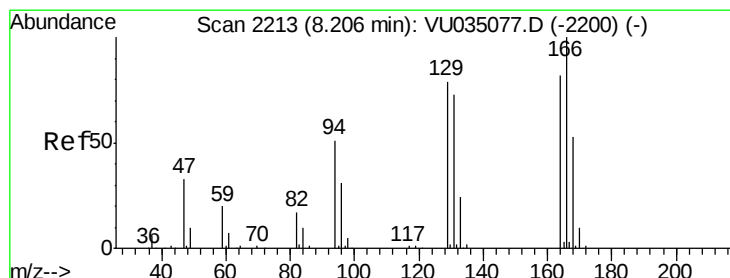
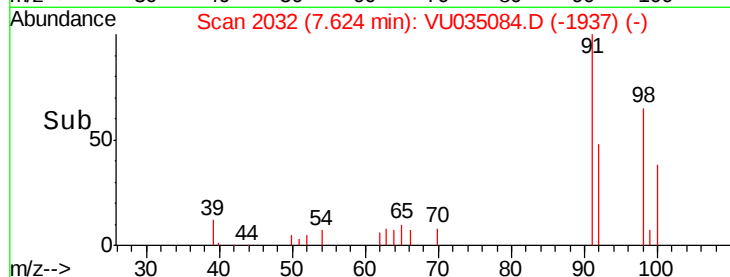
1500

1000

500

0

Time-->



#47

Tetrachloroethene

Concen: 5.271 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Tgt Ion: 164 Resp: 55703

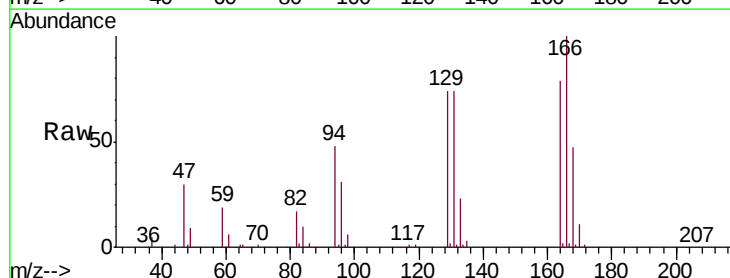
Ion Ratio Lower Upper

164 100

129 92.7 68.5 127.1

131 93.5 67.3 124.9

166 125.9 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035077.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU035077.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU035077.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU035077.D (-2200) (-)

60000

50000

40000

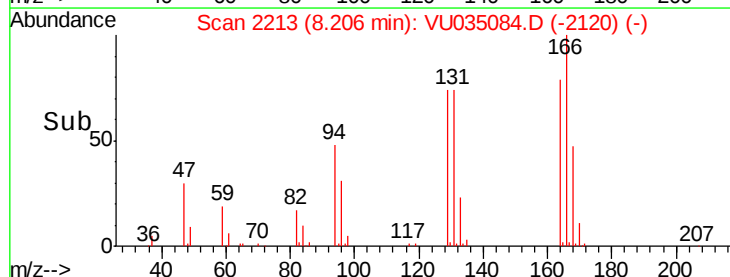
30000

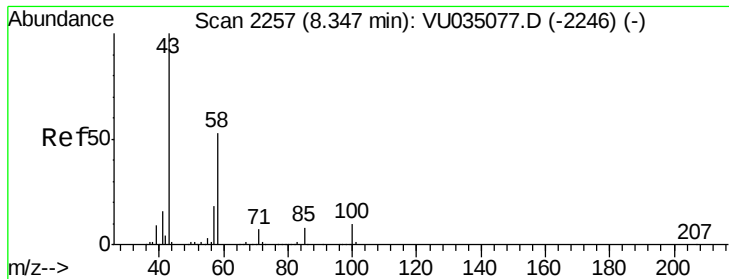
20000

10000

0

Time-->

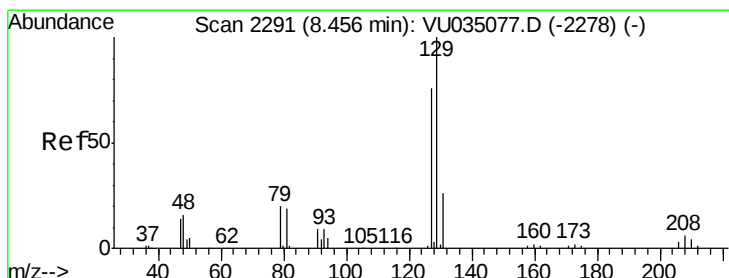
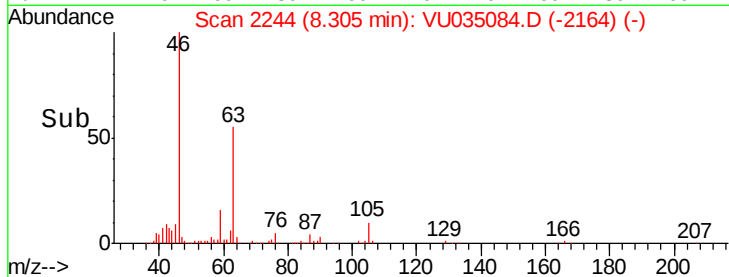
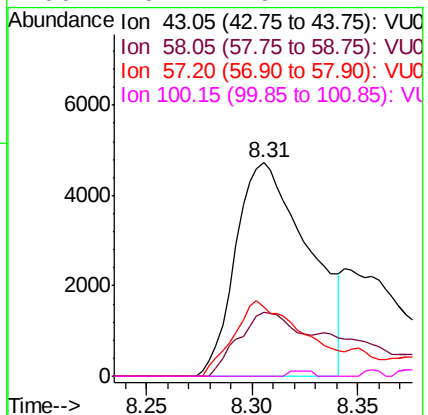
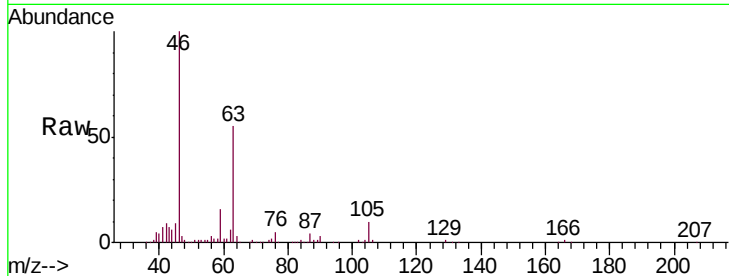




#48
2-Hexanone
Concen: 1.938 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

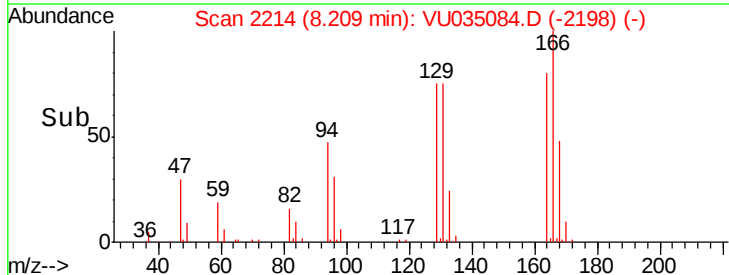
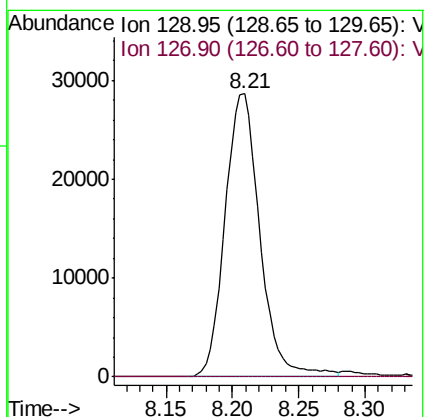
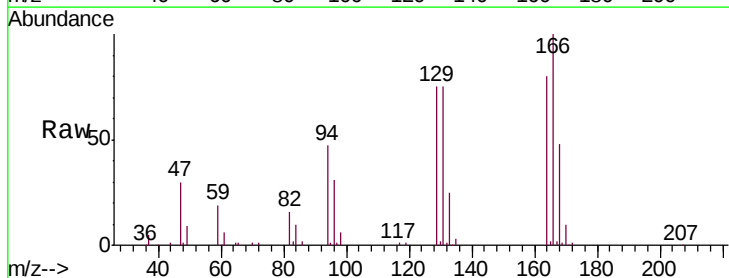
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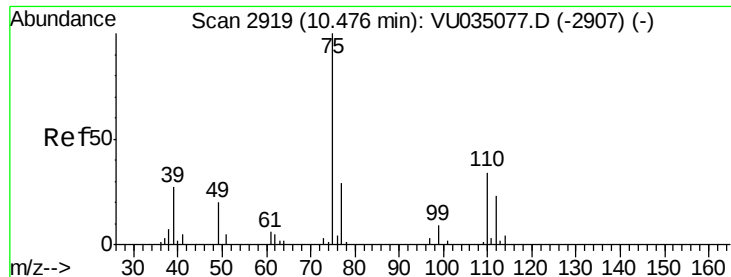
Tgt Ion: 43 Resp: 11421
Ion Ratio Lower Upper
43 100
58 24.8 44.1 66.1#
57 34.1 15.8 23.8#
100 0.7 9.4 14.2#



#49
Dibromochloromethane
Concen: 5.015 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035084.D
Acq: 11 Oct 2019 12:46

Tgt Ion: 129 Resp: 52559
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.917 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035084.D

Acq: 11 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

MW-13D-001-01

Tgt Ion: 75 Resp: 8108

Ion Ratio Lower Upper

75 100

77 33.3 26.5 39.7

