

Data File : VU035003.D
Acq On : 09 Oct 2019 13:14
Operator : JC/SP
Sample : K5219-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-190930-01

Quant Time: Oct 10 03:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 10 03:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39098	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.67	69	39613	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.26	63	58831	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	146000	51.16	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.62	84	85403	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.29	65	51344	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.32	84	172384	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	61399	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.55	98	154500	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.84	79	17705	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.30	63	107855	46.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53778	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	59874	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

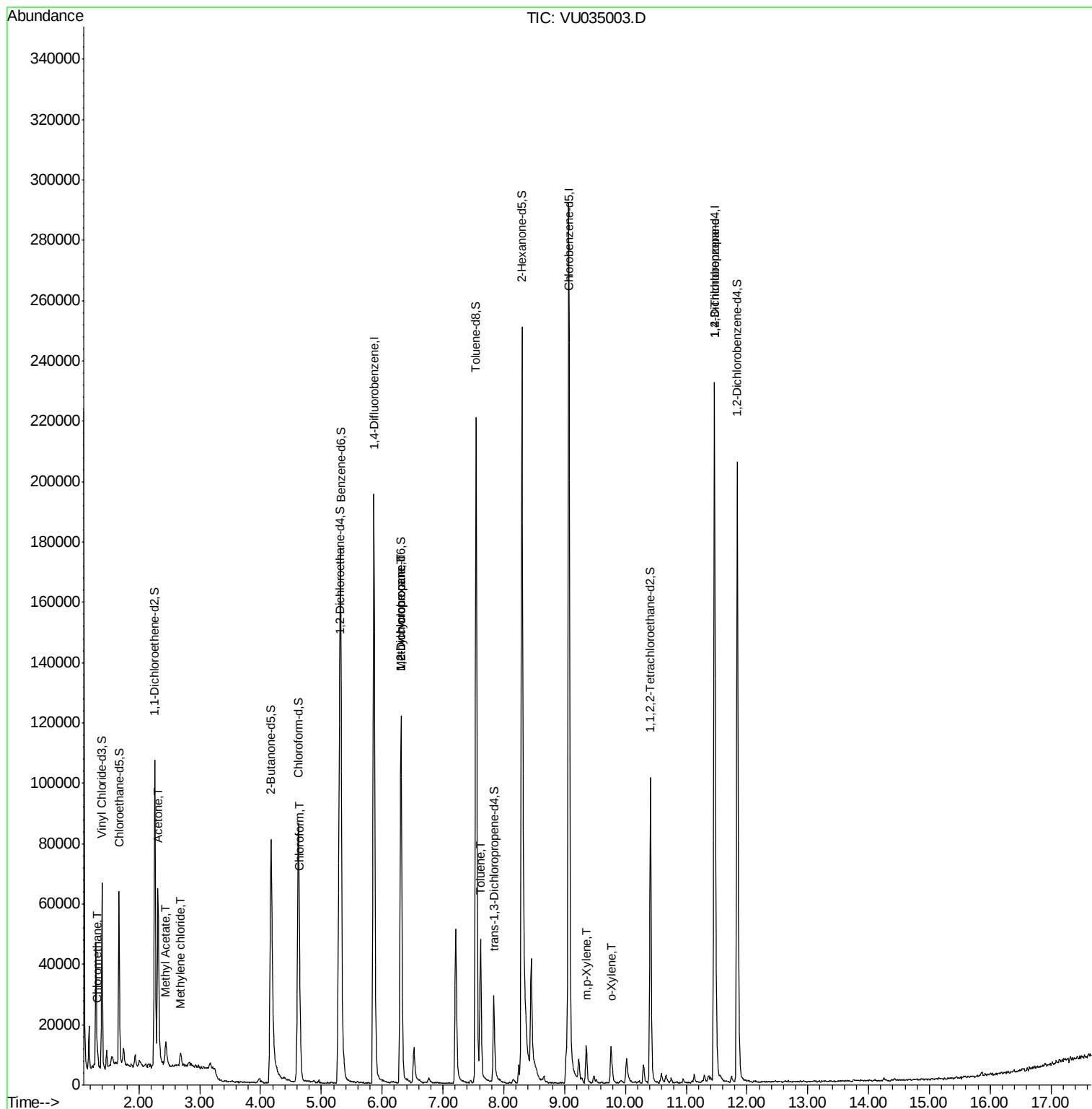
					Qvalue
3) Chloromethane	1.32	50	2371	0.144	ug/L 99
13) Acetone	2.32	43	69019	29.532	ug/L 96
15) Methyl Acetate	2.44	43	2226	0.358	ug/L # 53
16) Methylene chloride	2.68	84	1847	0.142	ug/L 87
25) Chloroform	4.65	83	8408	0.334	ug/L 95
35) Methylcyclohexane	6.31	83	13801	0.640	ug/L # 22
37) 1,2-Dichloropropane	6.31	63	6437	0.462	ug/L # 88
42) Toluene	7.62	91	35965	0.668	ug/L 94
53) m,p-Xylene	9.36	106	3959	0.180	ug/L 81
54) o-Xylene	9.76	106	3060	0.142	ug/L 97
59) 1,2,3-Trichloropropane	11.46	75	9230	1.024	ug/L # 88

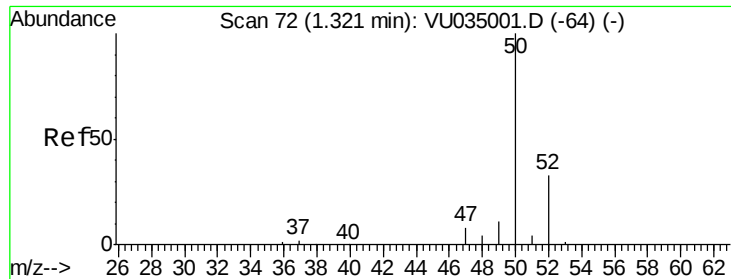
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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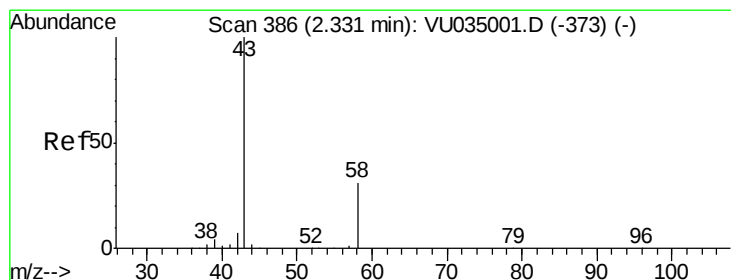
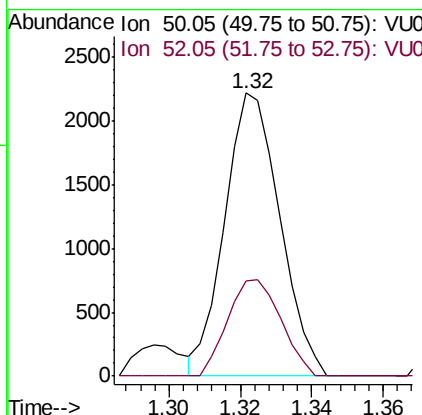
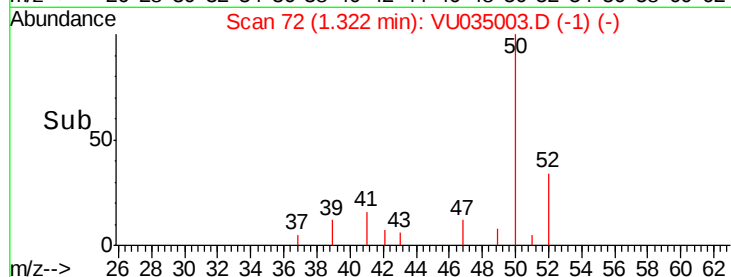
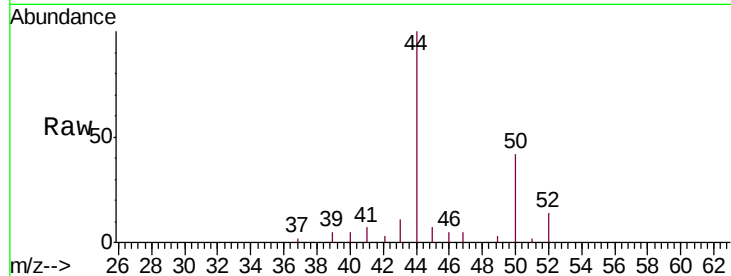




#3
 Chloromethane
 Concen: 0.144 ug/L
 RT: 1.32 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VU035003.D
 Acq: 09 Oct 2019 13:14

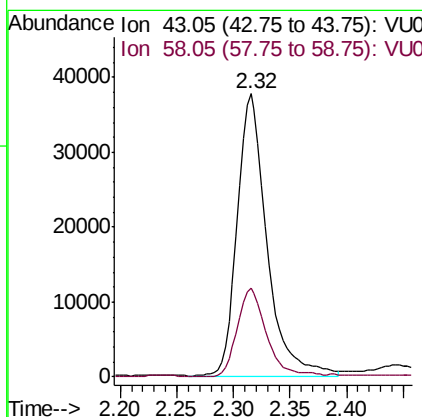
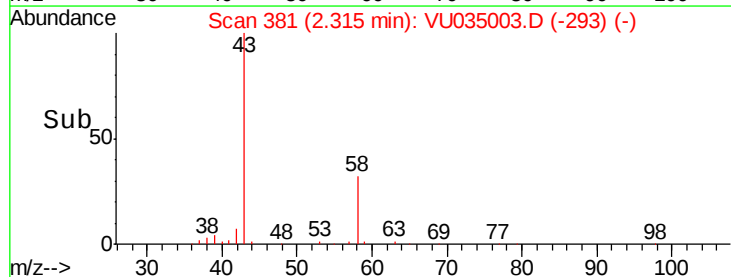
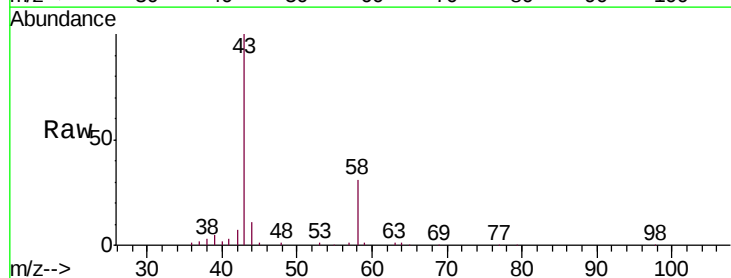
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-190930-01

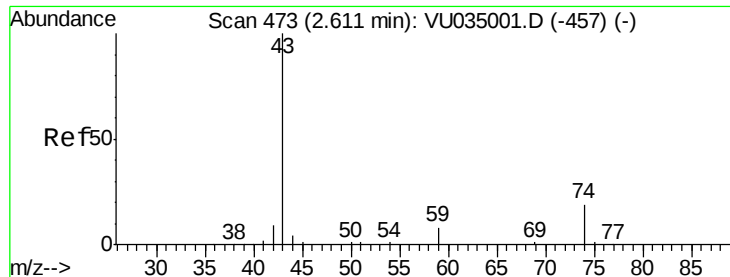
Tgt Ion: 50 Resp: 2371
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.3 43.3



#13
 Acetone
 Concen: 29.532 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VU035003.D
 Acq: 09 Oct 2019 13:14

Tgt Ion: 43 Resp: 69019
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 66.6





#15

Methyl Acetate

Concen: 0.358 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.17 min

Lab File: VU035003.D

Acq: 09 Oct 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

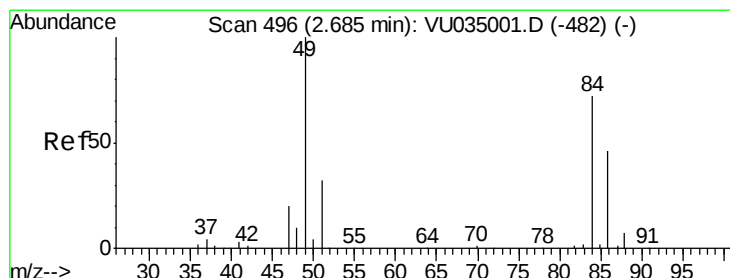
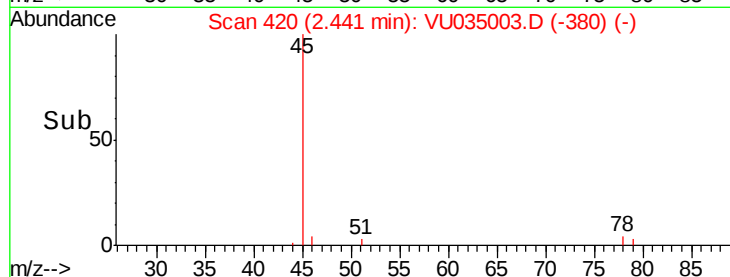
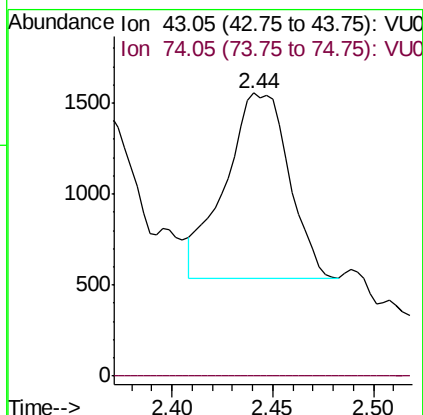
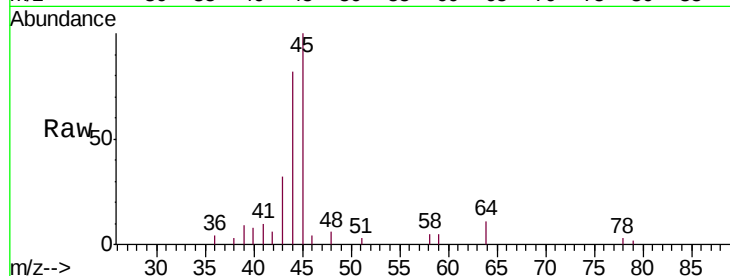
RB-1-190930-01

Tgt Ion: 43 Resp: 2226

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#16

Methylene chloride

Concen: 0.142 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035003.D

Acq: 09 Oct 2019 13:14

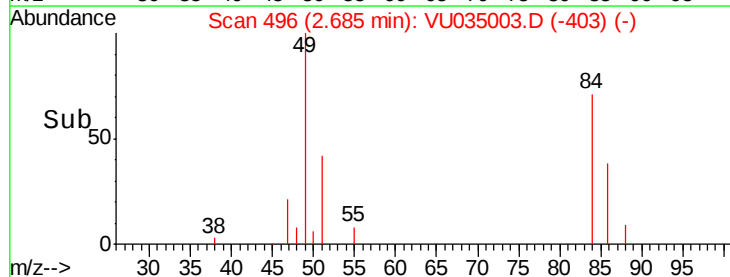
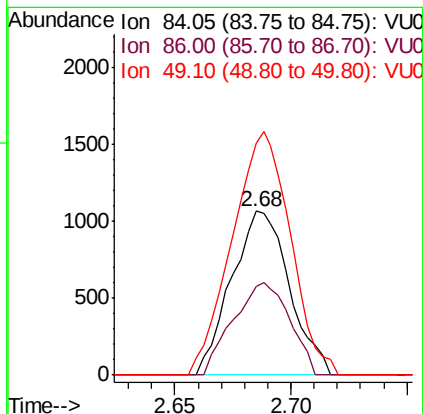
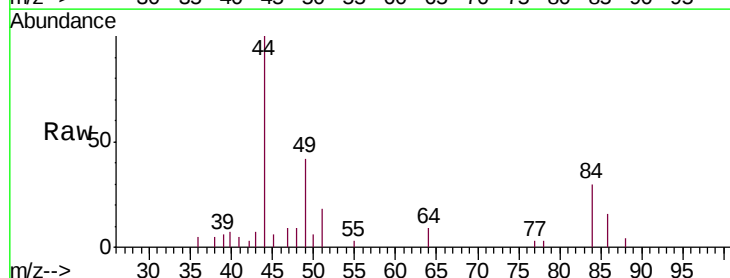
Tgt Ion: 84 Resp: 1847

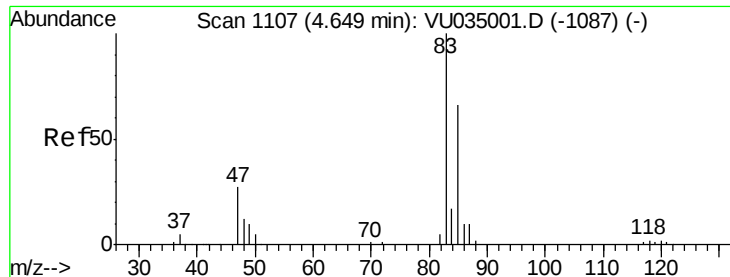
Ion Ratio Lower Upper

84 100

86 54.0 42.5 78.9

49 141.8 86.9 161.3

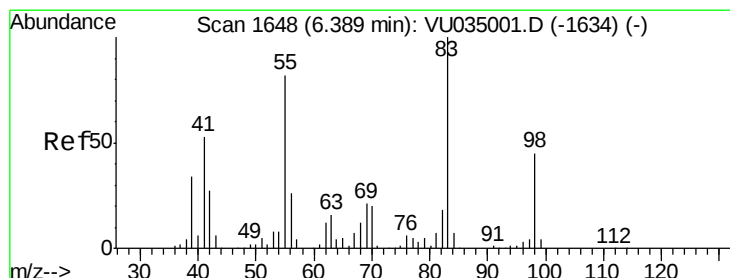
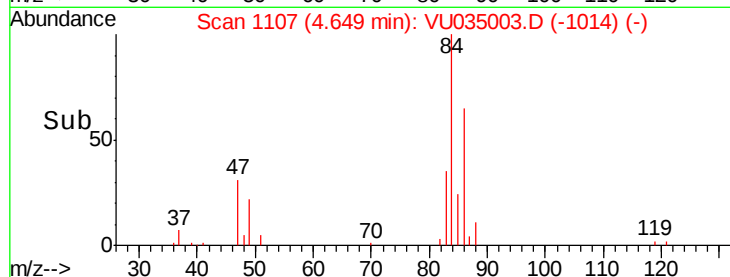
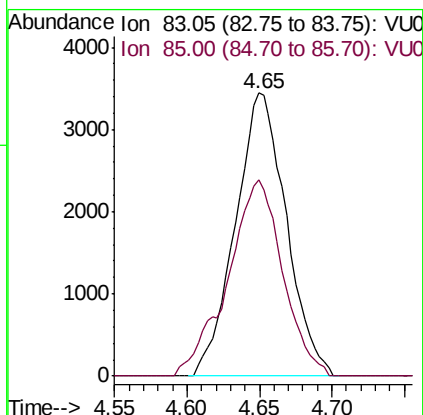
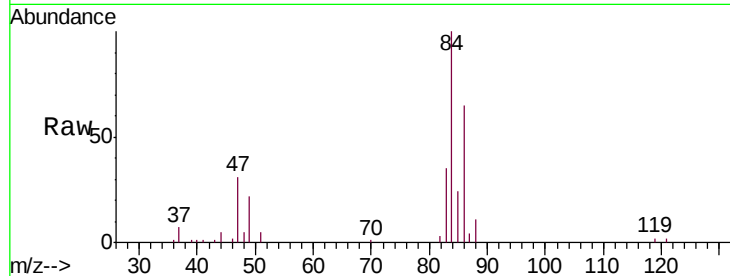




#25
Chloroform
Concen: 0.334 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035003.D
Acq: 09 Oct 2019 13:14

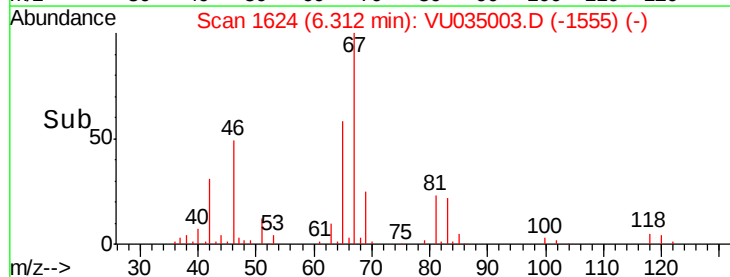
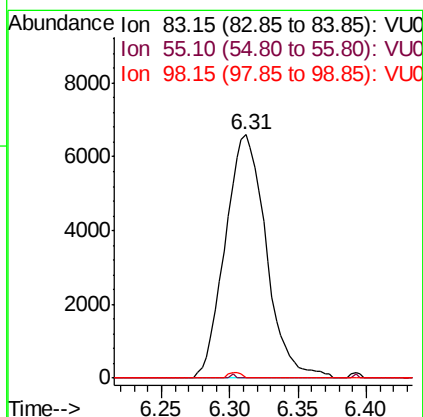
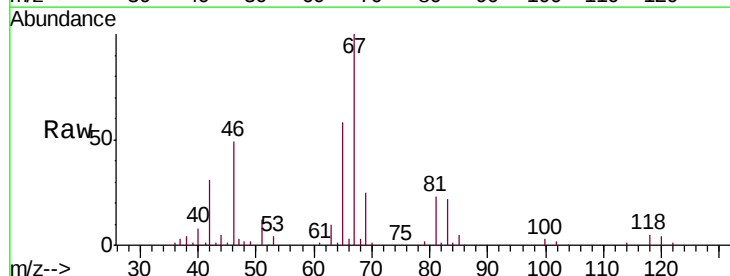
Instrument :
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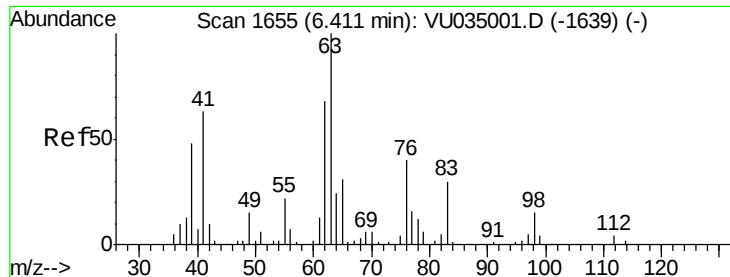
Tgt Ion: 83 Resp: 8408
Ion Ratio Lower Upper
83 100
85 69.2 45.4 84.4



#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035003.D
Acq: 09 Oct 2019 13:14

Tgt Ion: 83 Resp: 13801
Ion Ratio Lower Upper
83 100
55 5.1 62.6 94.0#
98 0.8 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU035003.D

Acq: 09 Oct 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

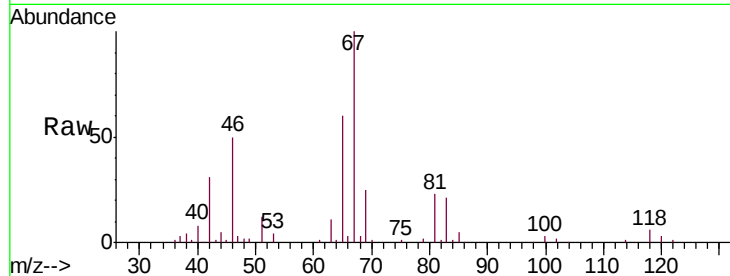
RB-1-190930-01

Tgt Ion: 63 Resp: 6437

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035001.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VU035001.D (-1639) (-)

6.31

3000

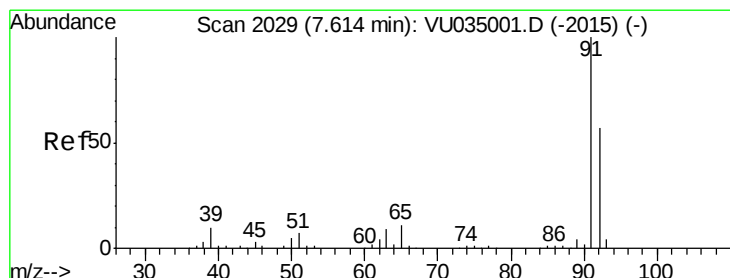
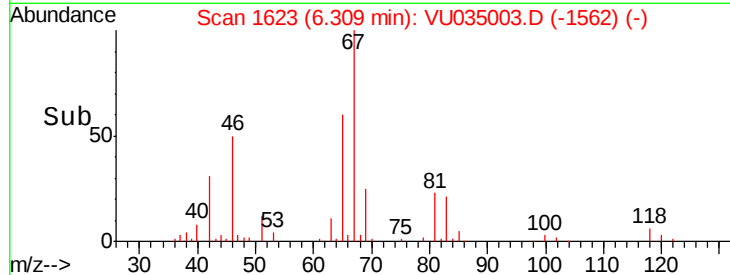
2000

1000

0

6.25 6.30 6.35

Time-->



#42

Toluene

Concen: 0.668 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035003.D

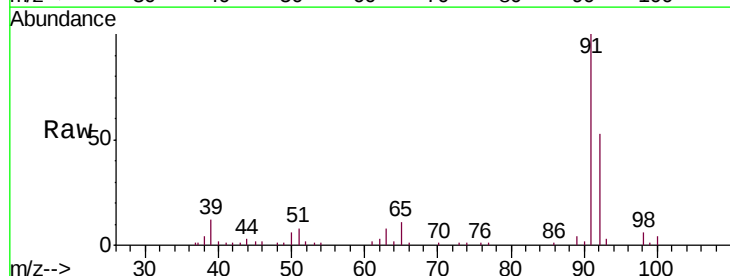
Acq: 09 Oct 2019 13:14

Tgt Ion: 91 Resp: 35965

Ion Ratio Lower Upper

91 100

92 52.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035001.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035001.D (-2015) (-)

7.62

20000

15000

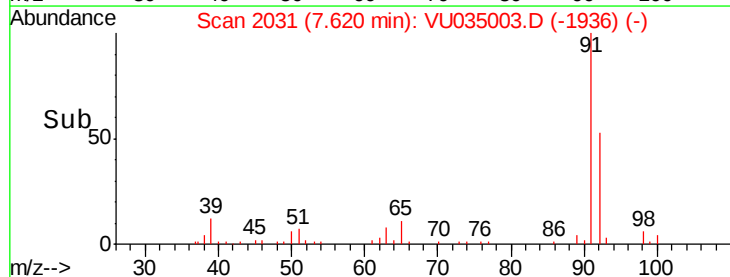
10000

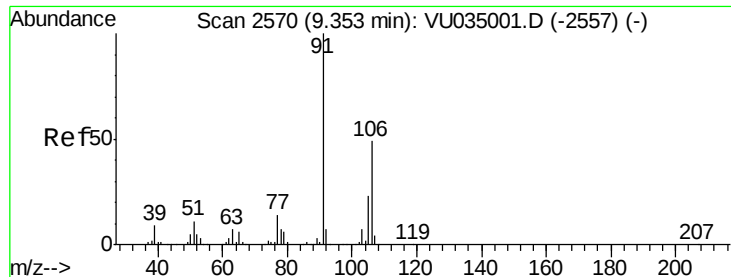
5000

0

7.55 7.60 7.65 7.70

Time-->





#53

m,p-Xylene

Concen: 0.180 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU035003.D

Acq: 09 Oct 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

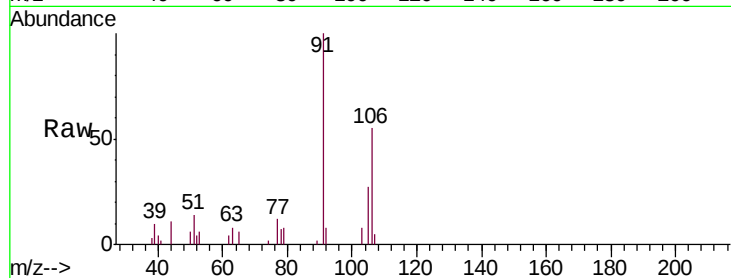
RB-1-190930-01

Tgt Ion:106 Resp: 3959

Ion Ratio Lower Upper

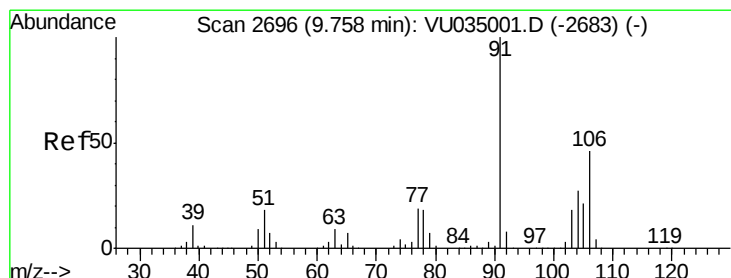
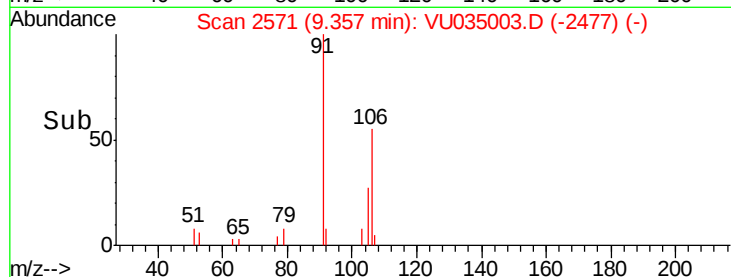
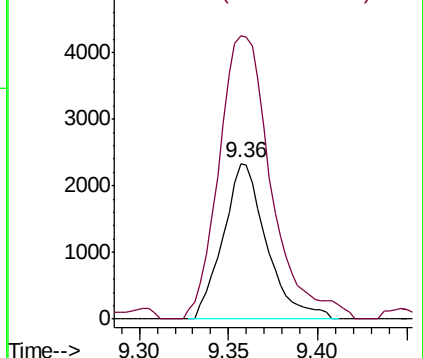
106 100

91 181.5 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.142 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.00 min

Lab File: VU035003.D

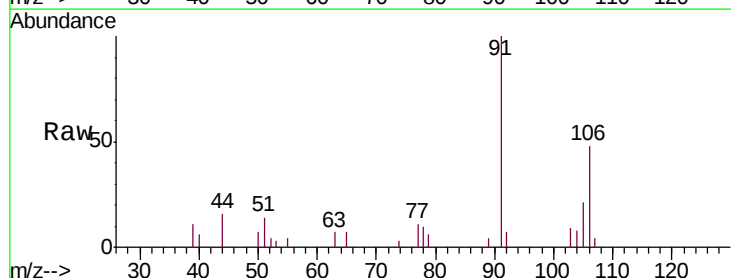
Acq: 09 Oct 2019 13:14

Tgt Ion:106 Resp: 3060

Ion Ratio Lower Upper

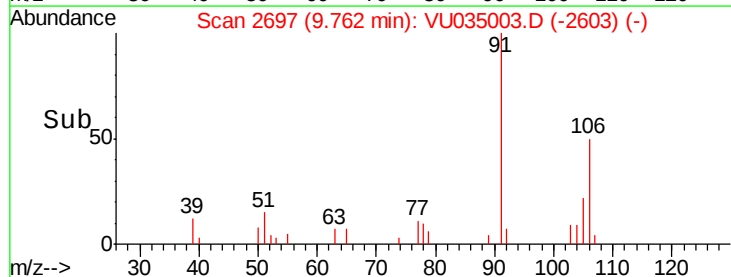
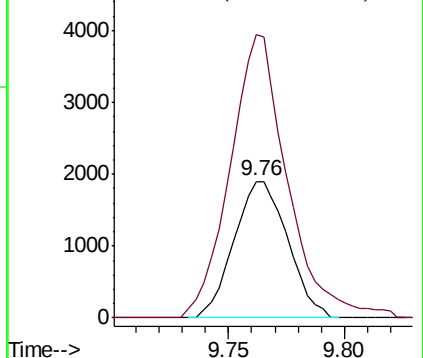
106 100

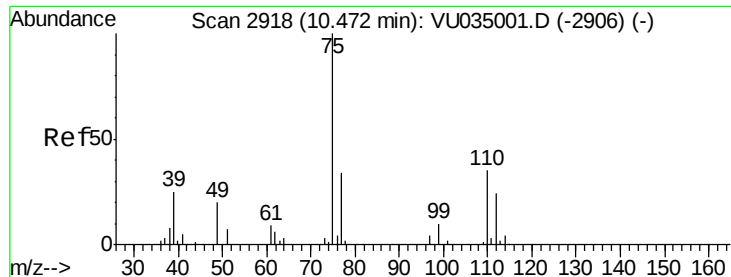
91 206.9 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.024 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU035003.D

Acq: 09 Oct 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

RB-1-190930-01

Tgt Ion: 75 Resp: 9230

Ion Ratio Lower Upper

75 100

77 39.8 26.5 39.7#

