

Data File : VU034972.D
Acq On : 07 Oct 2019 20:14
Operator : JC/SP
Sample : K5219-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191001-01

Quant Time: Oct 09 04:03:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	180599	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48046	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	46700	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.26	63	73299	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.17	46	148999	47.39	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.62	84	94090	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.29	65	57840	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.32	84	205908	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.31	67	71134	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.55	98	187353	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	21972	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.30	63	113076	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58761	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	68618	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

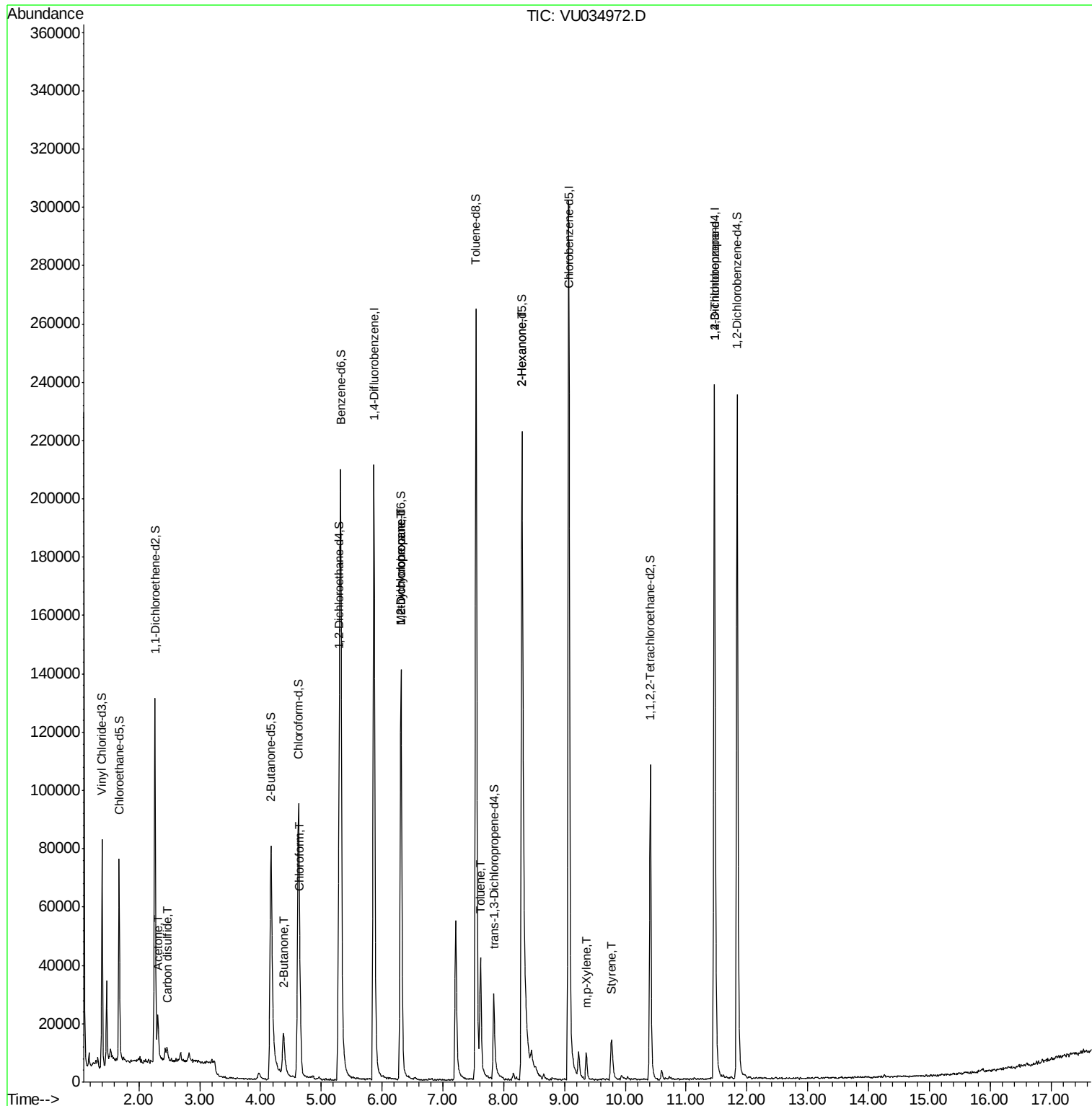
					Qvalue
13) Acetone	2.31	43	17729	6.885	ug/L 98
14) Carbon disulfide	2.46	76	4967	0.129	ug/L # 78
21) 2-Butanone	4.38	43	24365	6.645	ug/L # 52
25) Chloroform	4.66	83	13225	0.477	ug/L 97
35) Methylcyclohexane	6.31	83	15299	0.661	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	7744	0.518	ug/L # 89
42) Toluene	7.62	91	30754	0.531	ug/L 96
48) 2-Hexanone	8.30	43	12326	1.910	ug/L # 71
53) m,p-Xylene	9.36	106	3240	0.137	ug/L 94
55) Styrene	9.78	104	7030	0.188	ug/L 95
59) 1,2,3-Trichloropropane	11.46	75	9538	0.985	ug/L 91

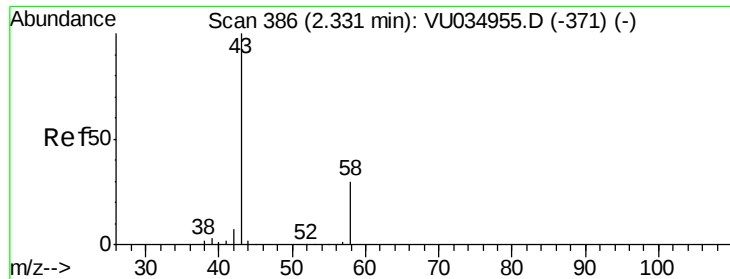
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.885 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

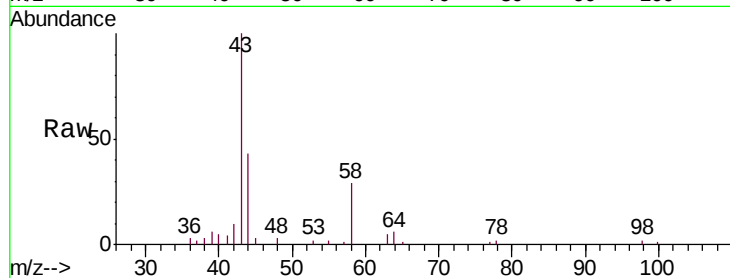
RB-1-191001-01

Tgt Ion: 43 Resp: 17729

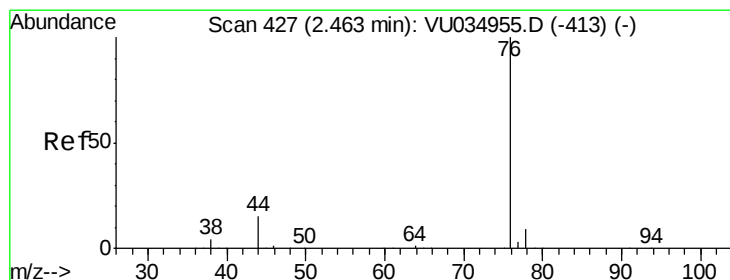
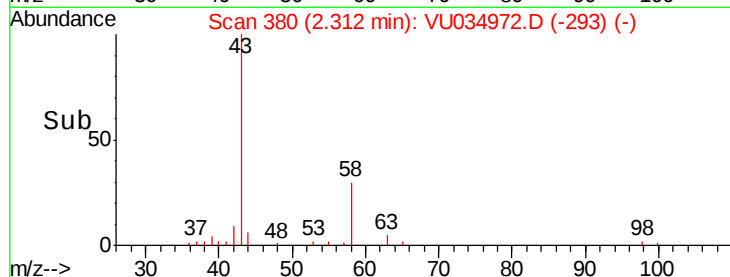
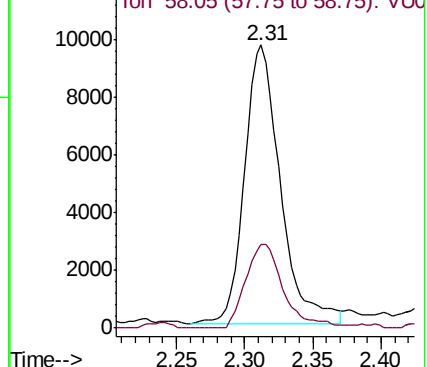
Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034972.D (-293) (-)



#14

Carbon disulfide

Concen: 0.129 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034972.D

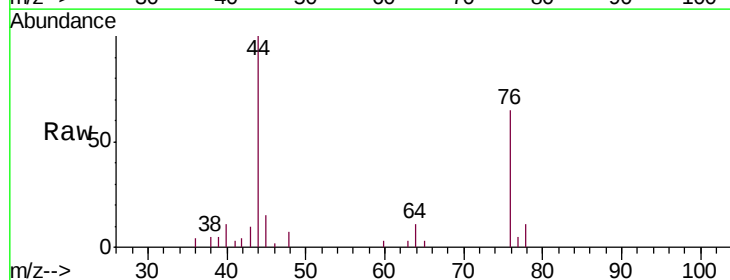
Acq: 07 Oct 2019 20:14

Tgt Ion: 76 Resp: 4967

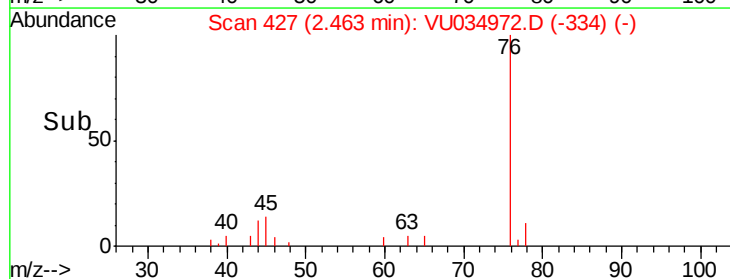
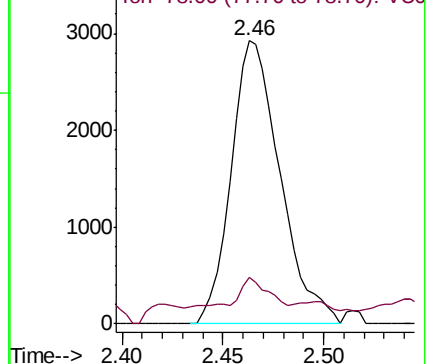
Ion Ratio Lower Upper

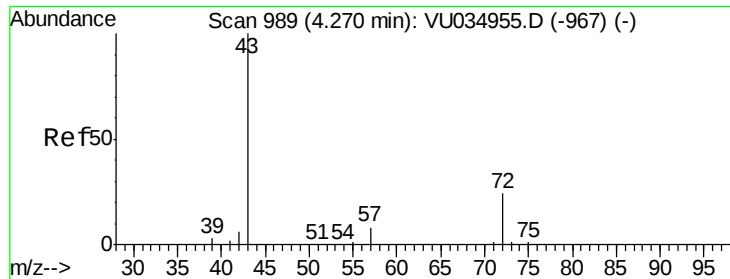
76 100

78 16.4 6.9 10.3#



Abundance Ion 76.05 (75.75 to 76.75): VU034972.D (-334) (-)





#21

2-Butanone

Concen: 6.645 ug/L

RT: 4.38 min Scan# 1022

Delta R.T. 0.11 min

Lab File: VU034972.D

Acq: 07 Oct 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

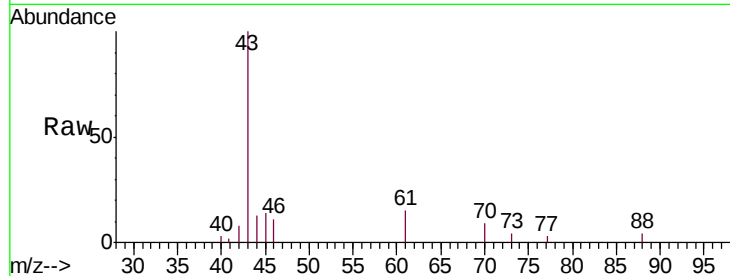
RB-1-191001-01

Tgt Ion: 43 Resp: 24365

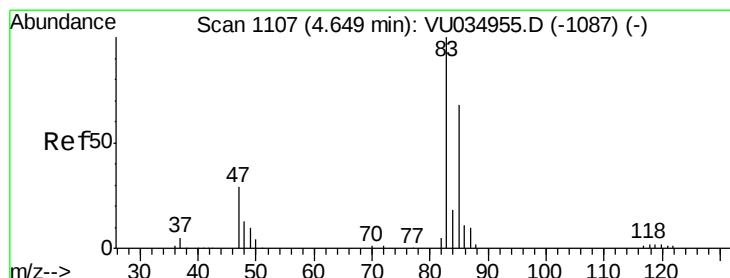
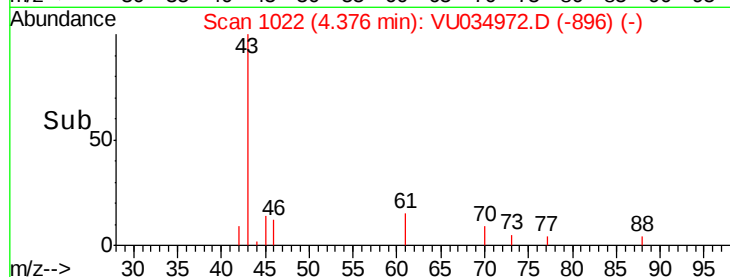
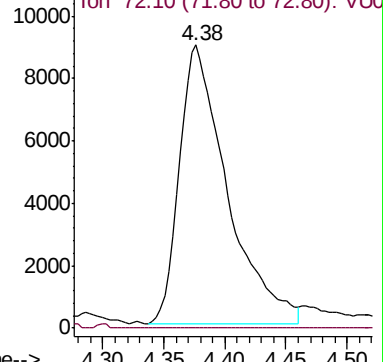
Ion Ratio Lower Upper

43 100

72 0.3 12.0 36.0#



Abundance Ion 43.05 (42.75 to 43.75): VU034972.D (-896) (-)



#25

Chloroform

Concen: 0.477 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU034972.D

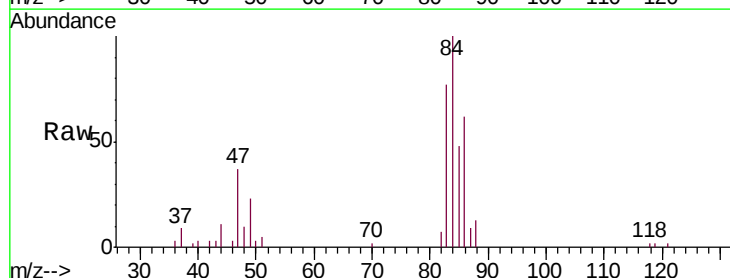
Acq: 07 Oct 2019 20:14

Tgt Ion: 83 Resp: 13225

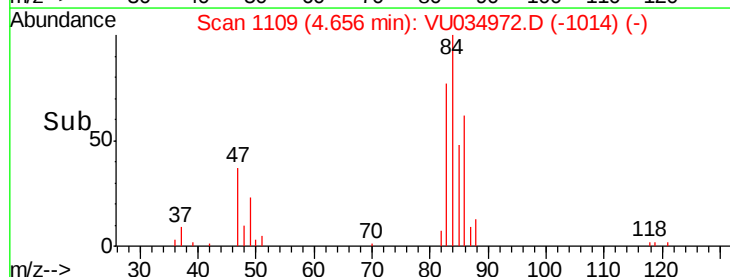
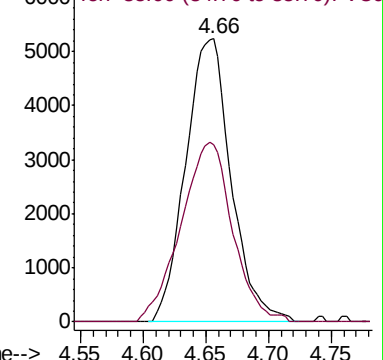
Ion Ratio Lower Upper

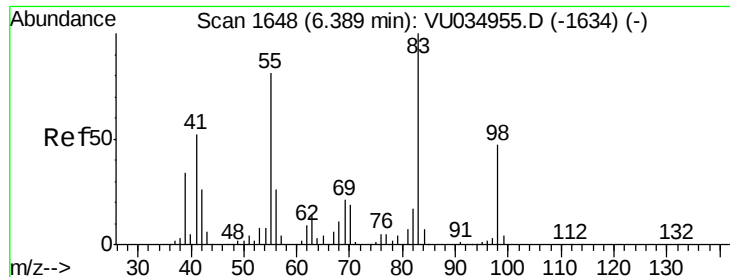
83 100

85 62.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU034972.D (-1014) (-)

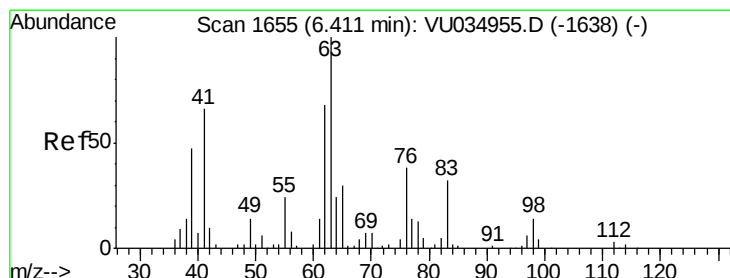
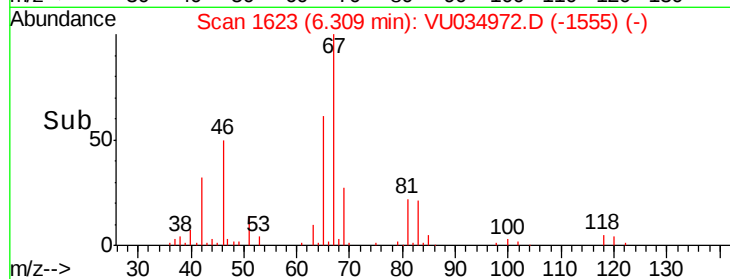
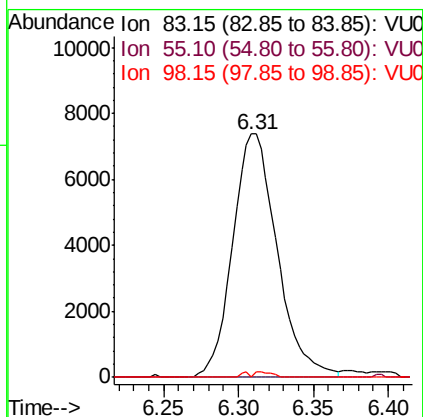
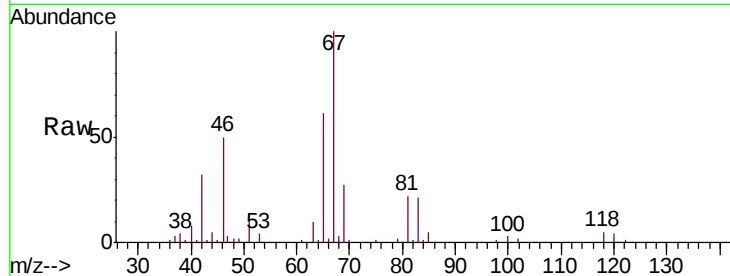




#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

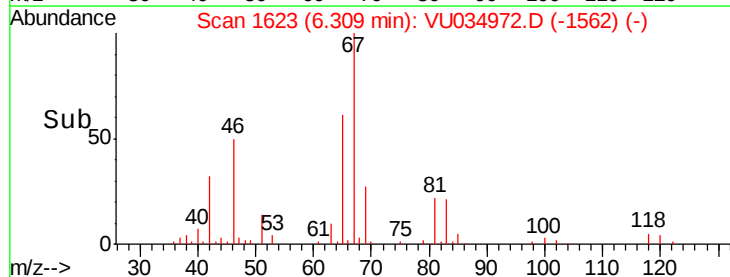
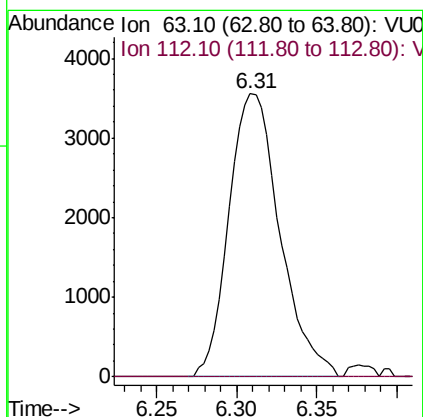
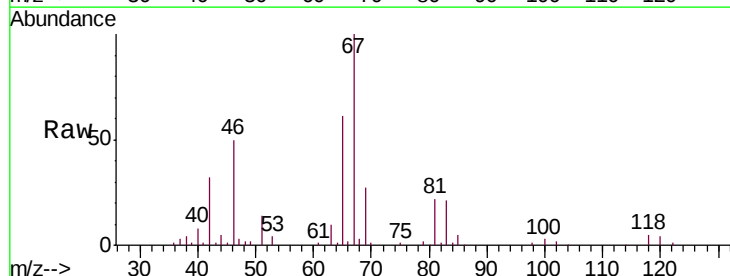
Instrument :
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RB-1-191001-01

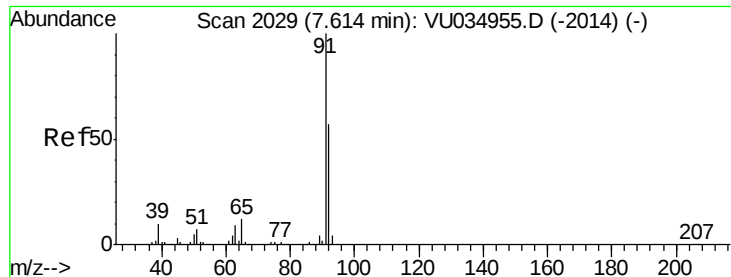
Tgt Ion: 83 Resp: 15299
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.9 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034972.D
Acq: 07 Oct 2019 20:14

Tgt Ion: 63 Resp: 7744
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.531 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034972.D

Acq: 07 Oct 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

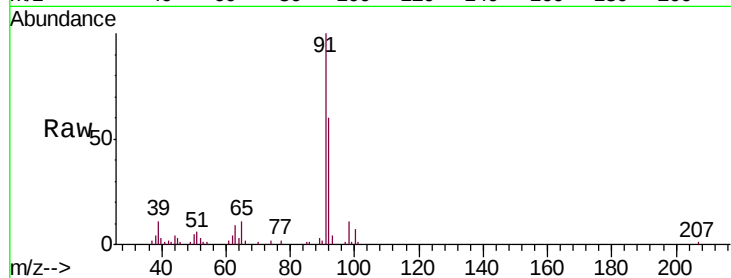
RB-1-191001-01

Tgt Ion: 91 Resp: 30754

Ion Ratio Lower Upper

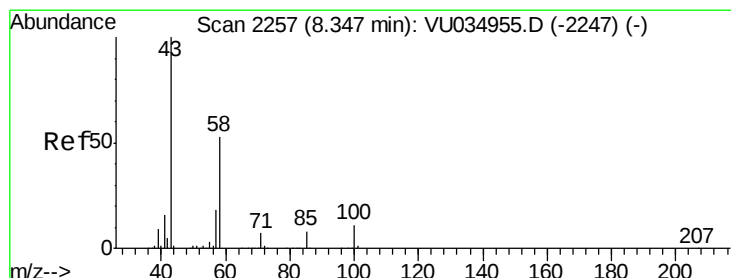
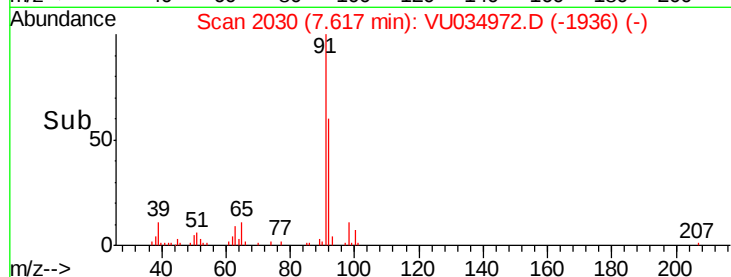
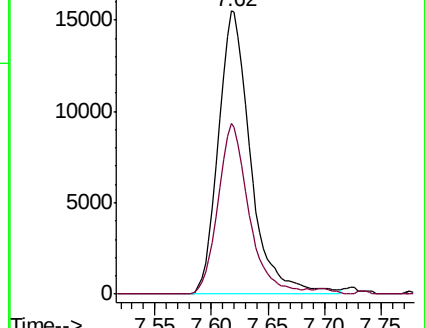
91 100

92 60.3 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU034955.D (-2014) (-)

Ion 92.15 (91.85 to 92.85): VU034955.D (-2014) (-)



#48

2-Hexanone

Concen: 1.910 ug/L

RT: 8.30 min Scan# 2242

Delta R.T. -0.05 min

Lab File: VU034972.D

Acq: 07 Oct 2019 20:14

Tgt Ion: 43 Resp: 12326

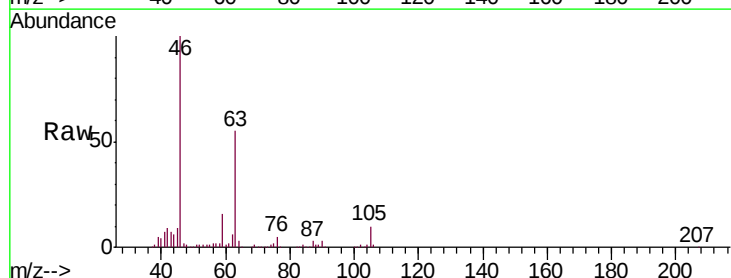
Ion Ratio Lower Upper

43 100

58 31.4 43.3 64.9#

57 27.8 14.5 21.7#

100 0.8 8.6 12.8#

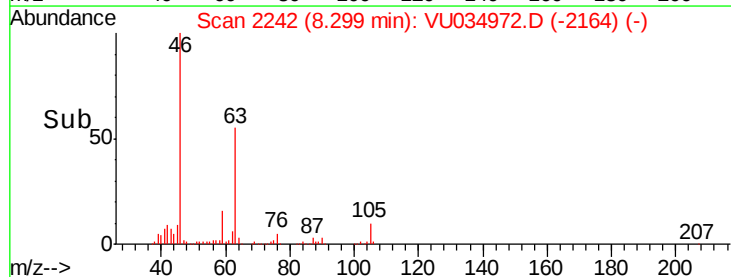
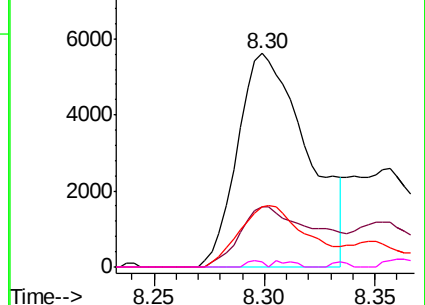


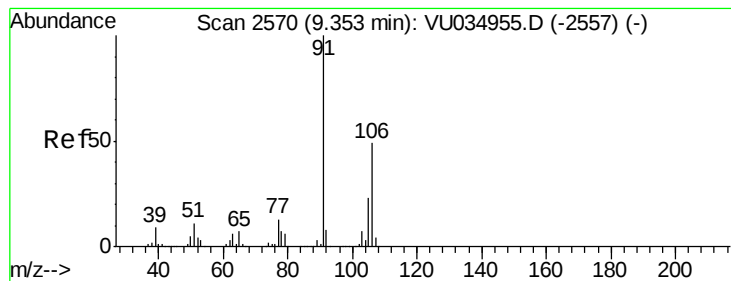
Abundance Ion 43.05 (42.75 to 43.75): VU034955.D (-2247) (-)

Ion 58.05 (57.75 to 58.75): VU034955.D (-2247) (-)

Ion 57.20 (56.90 to 57.90): VU034955.D (-2247) (-)

Ion 100.15 (99.85 to 100.85): VU034955.D (-2247) (-)





#53

m,p-Xylene

Concen: 0.137 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034972.D

Acq: 07 Oct 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

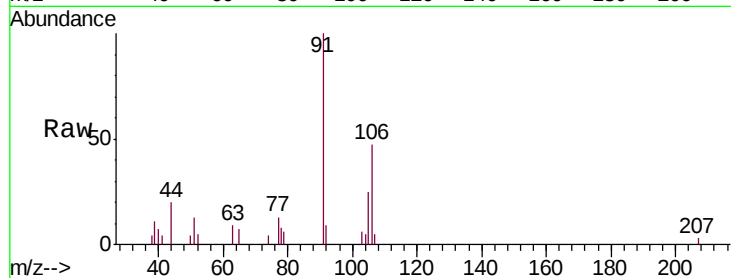
RB-1-191001-01

Tgt Ion:106 Resp: 3240

Ion Ratio Lower Upper

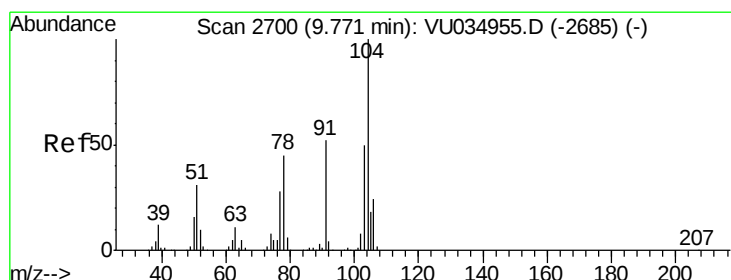
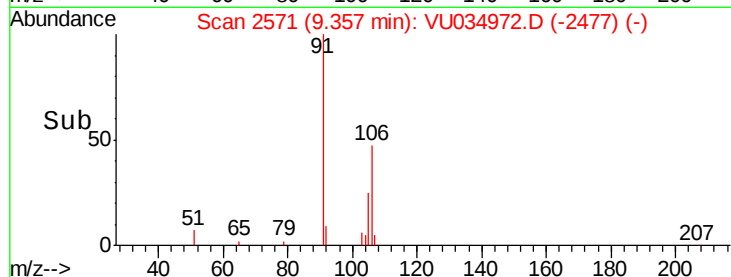
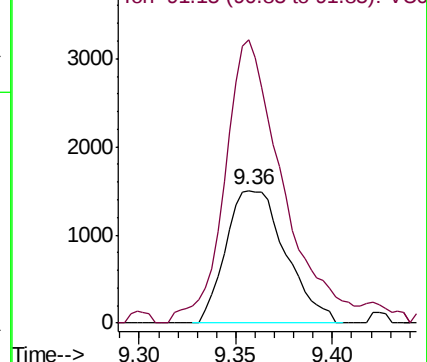
106 100

91 213.1 143.1 265.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.188 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU034972.D

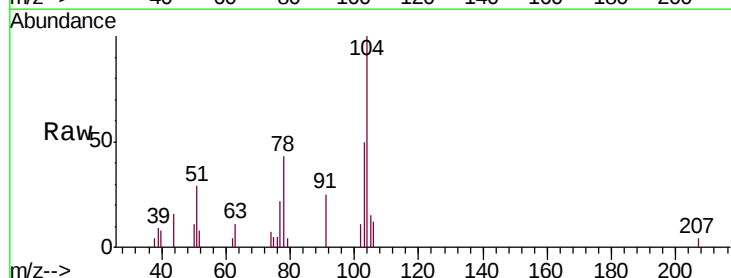
Acq: 07 Oct 2019 20:14

Tgt Ion:104 Resp: 7030

Ion Ratio Lower Upper

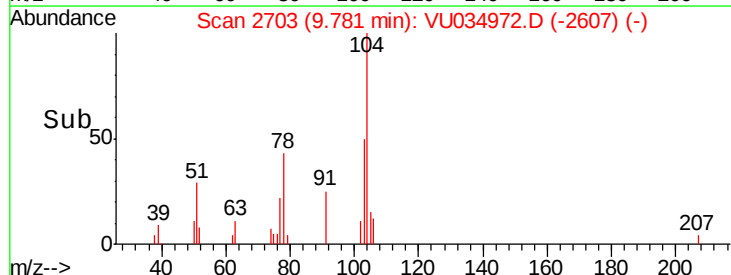
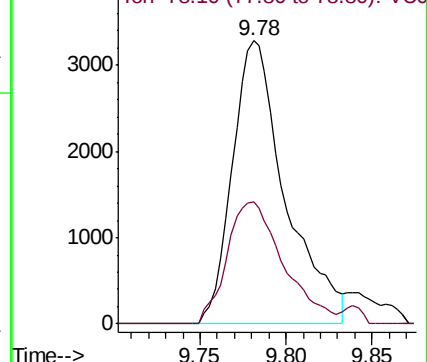
104 100

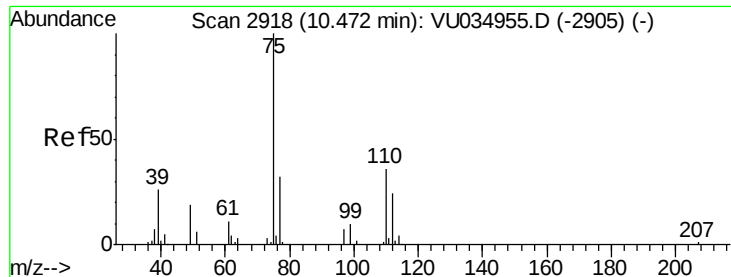
78 43.2 32.7 60.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.985 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034972.D

Acq: 07 Oct 2019 20:14

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 9538

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

