

Data File : VU035092.D
Acq On : 11 Oct 2019 16:18
Operator : JC/SP
Sample : K5309-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191002-01

Quant Time: Oct 12 02:44:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163261	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	166199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52059	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.68	69	49956	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.26	63	74277	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.17	46	132464	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	4.62	84	84956	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.29	65	52211	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.32	84	188362	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	64859	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.55	98	159278	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.84	79	19163	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	94605	42.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53389	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	55372	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

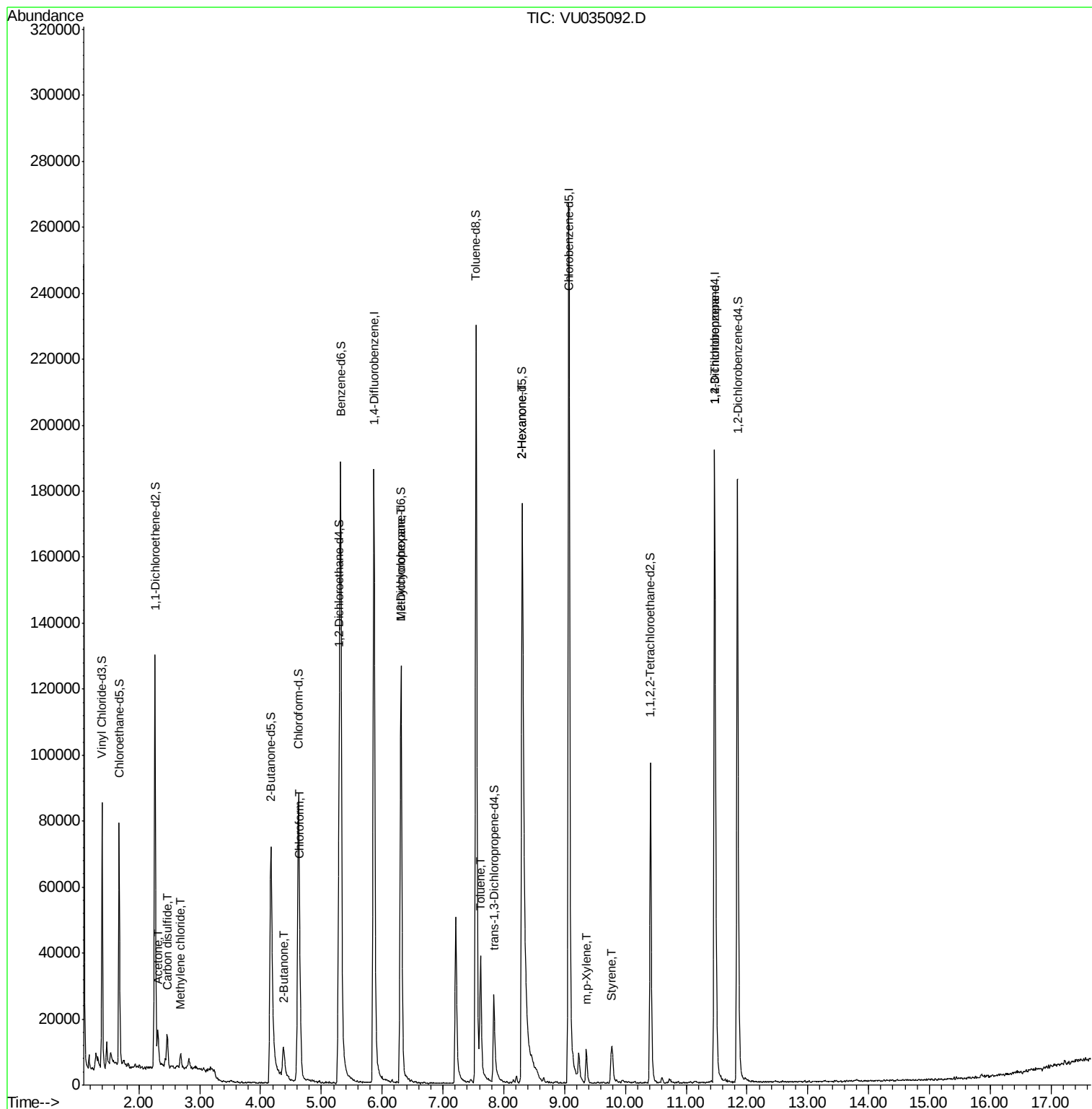
					Qvalue
13) Acetone	2.31	43	10636	4.569 ug/L	99
14) Carbon disulfide	2.47	76	11604	0.333 ug/L	99
16) Methylene chloride	2.69	84	1522	0.117 ug/L	82
21) 2-Butanone	4.38	43	15597	4.705 ug/L #	49
25) Chloroform	4.65	83	12110	0.483 ug/L	95
35) Methylcyclohexane	6.31	83	14241	0.681 ug/L #	18
42) Toluene	7.62	91	27615	0.528 ug/L	98
48) 2-Hexanone	8.31	43	18060	3.099 ug/L #	57
53) m,p-Xylene	9.36	106	3514	0.165 ug/L	91
55) Styrene	9.78	104	5857	0.173 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	8797	1.006 ug/L	97

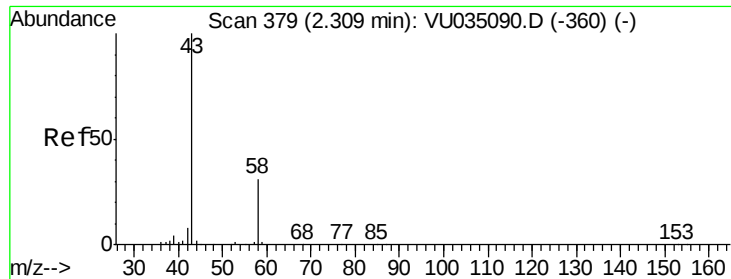
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.569 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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Acq: 11 Oct 2019 16:18

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MSVOA_U

ClientSampleId :

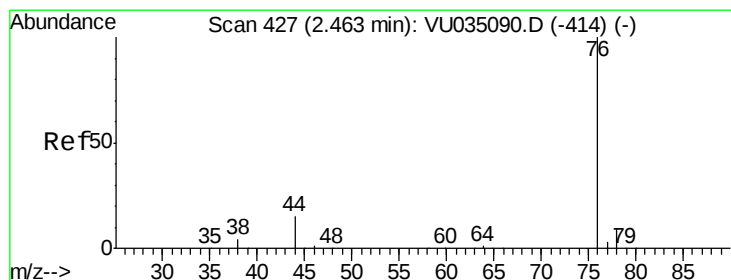
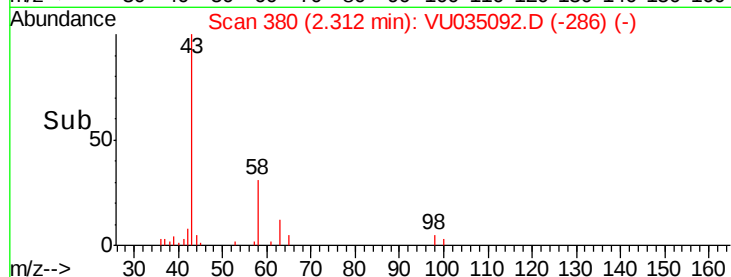
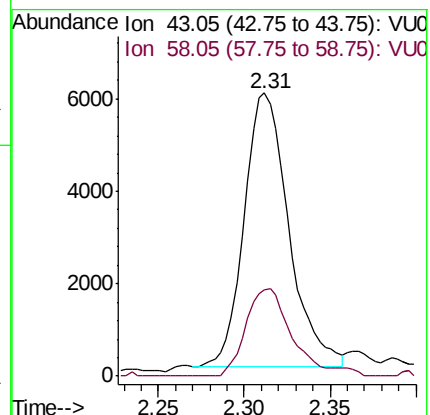
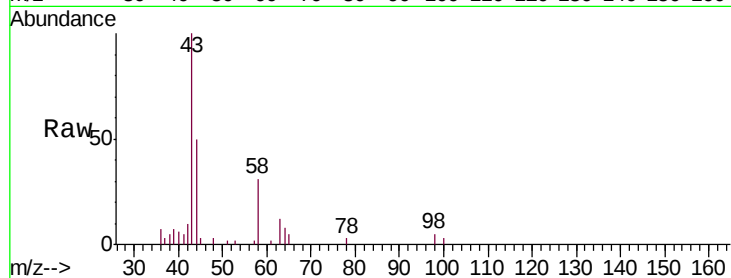
RB-1-191002-01

Tgt Ion: 43 Resp: 10636

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.6



#14

Carbon disulfide

Concen: 0.333 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035092.D

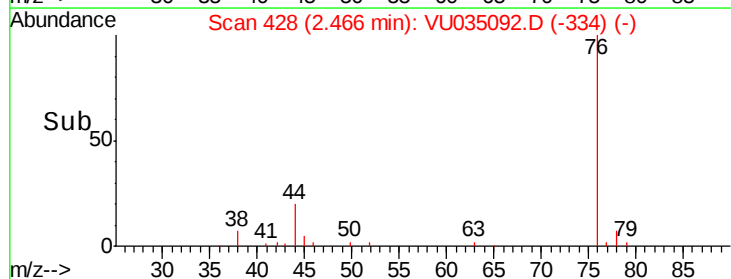
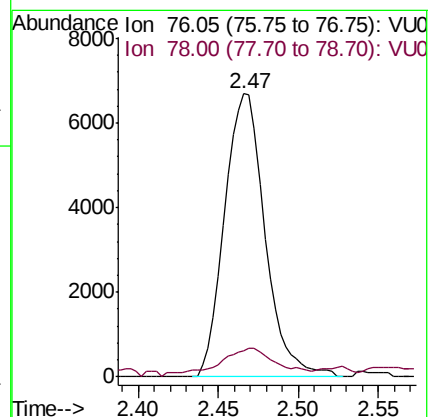
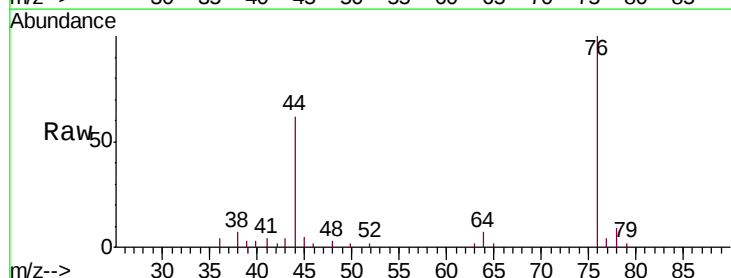
Acq: 11 Oct 2019 16:18

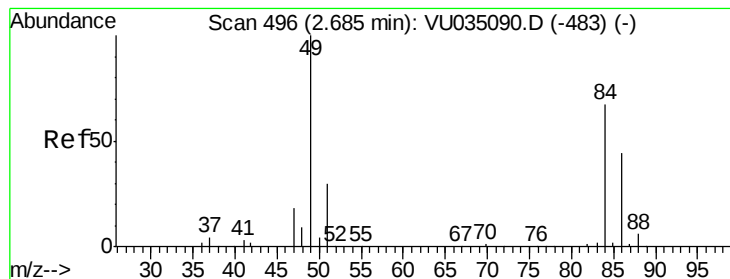
Tgt Ion: 76 Resp: 11604

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7





#16

Methylene chloride

Concen: 0.117 ug/L

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU035092.D

Acq: 11 Oct 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

RB-1-191002-01

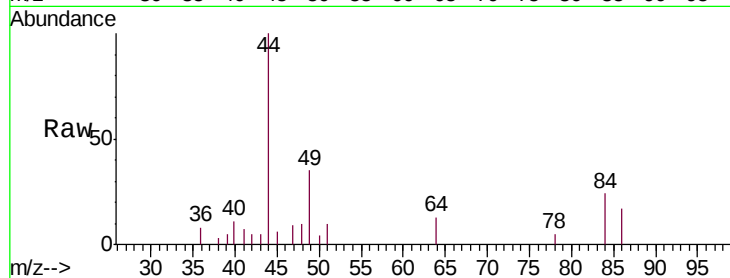
Tgt Ion: 84 Resp: 1522

Ion Ratio Lower Upper

84 100

86 72.1 42.5 78.9

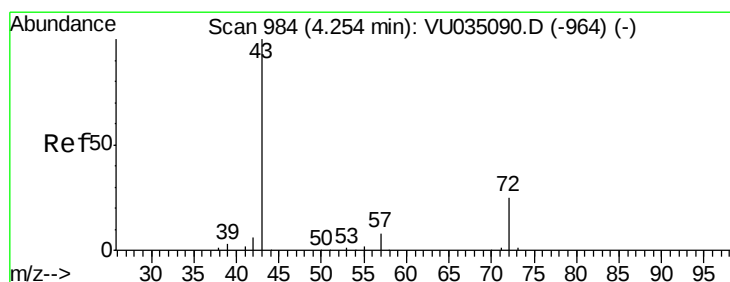
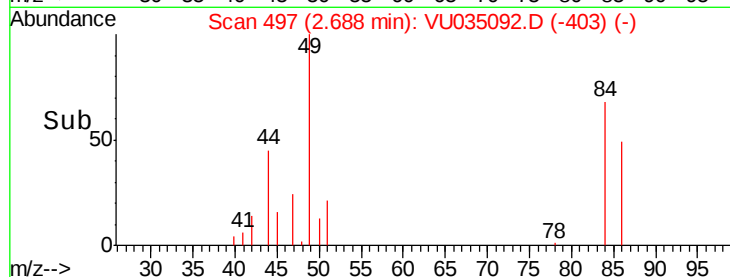
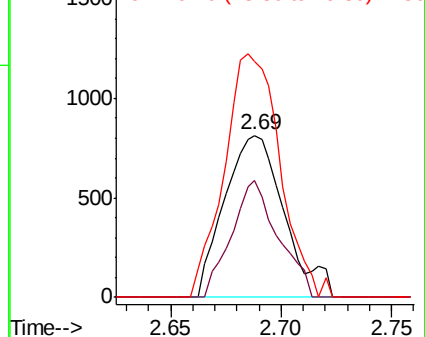
49 146.2 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035092.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035092.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035092.D (-403) (-)



#21

2-Butanone

Concen: 4.705 ug/L

RT: 4.38 min Scan# 1022

Delta R.T. 0.12 min

Lab File: VU035092.D

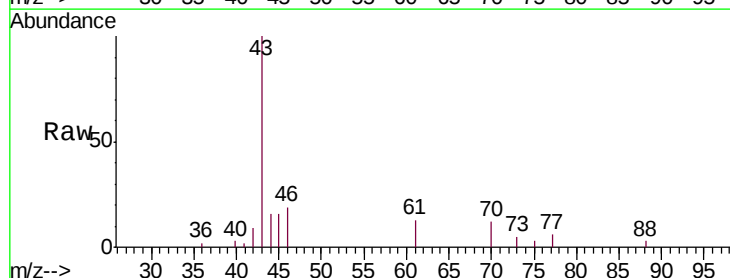
Acq: 11 Oct 2019 16:18

Tgt Ion: 43 Resp: 15597

Ion Ratio Lower Upper

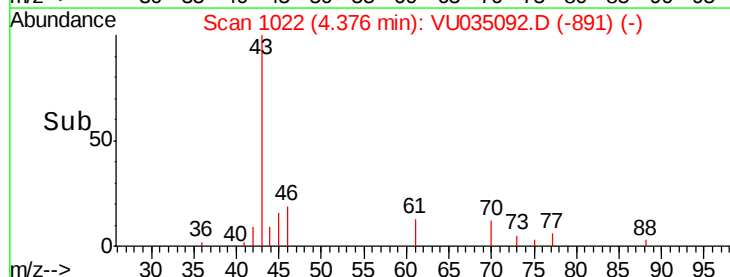
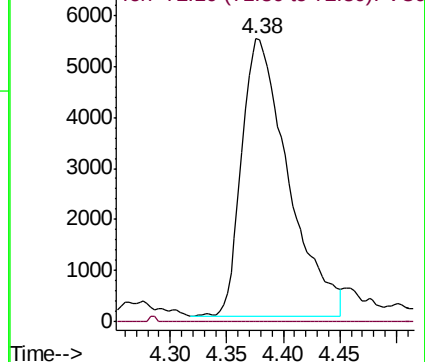
43 100

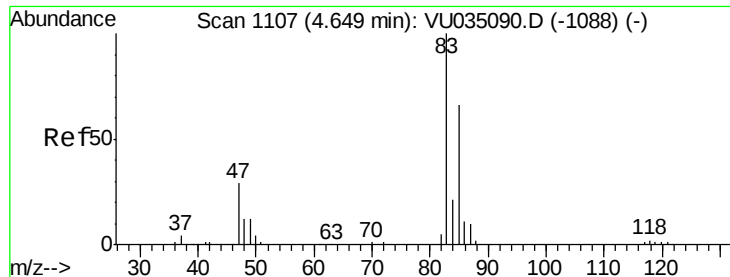
72 0.3 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035092.D (-891) (-)

Ion 72.10 (71.80 to 72.80): VU035092.D (-891) (-)

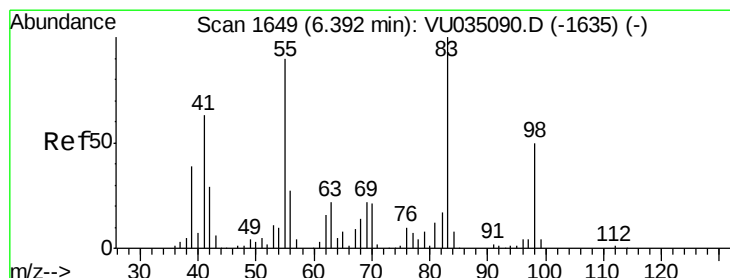
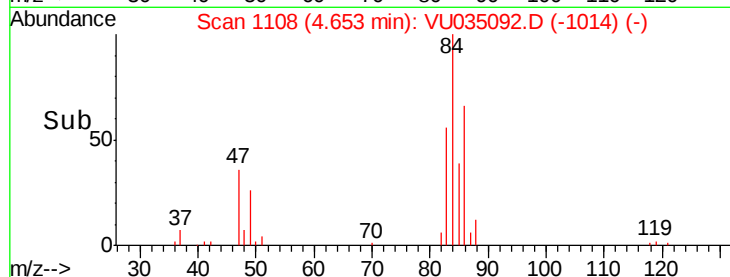
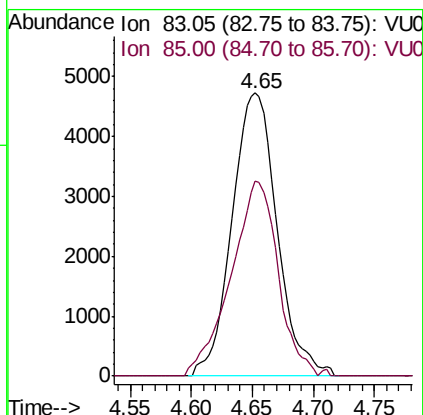
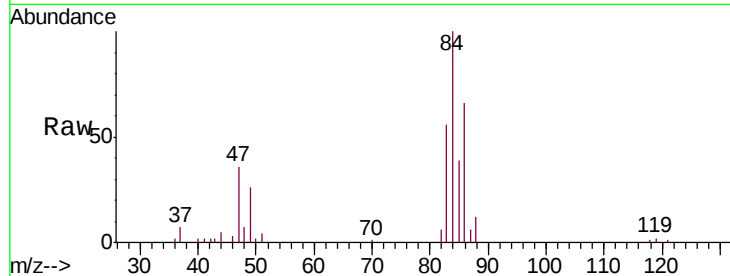




#25
Chloroform
Concen: 0.483 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035092.D
Acq: 11 Oct 2019 16:18

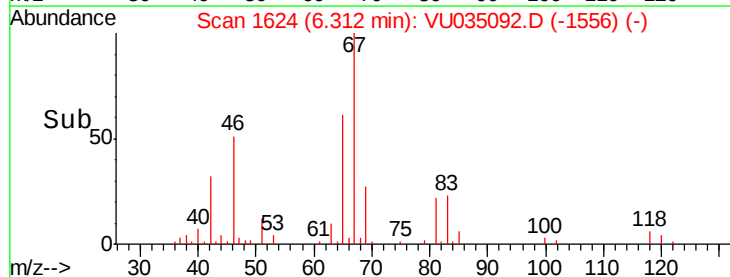
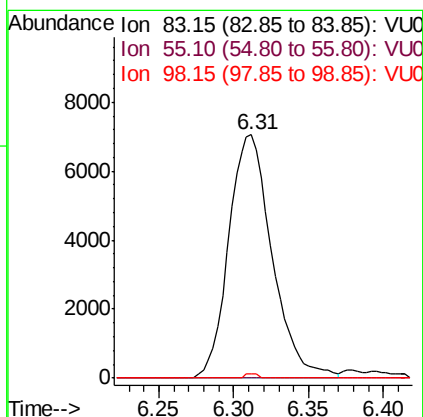
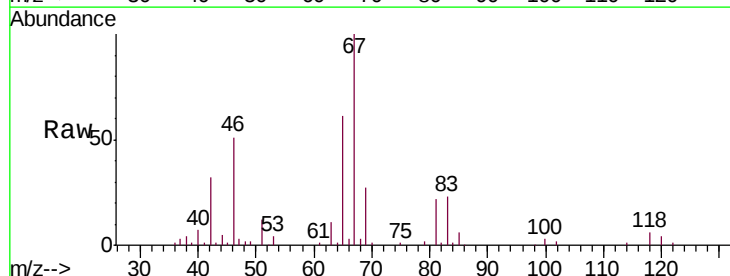
Instrument :
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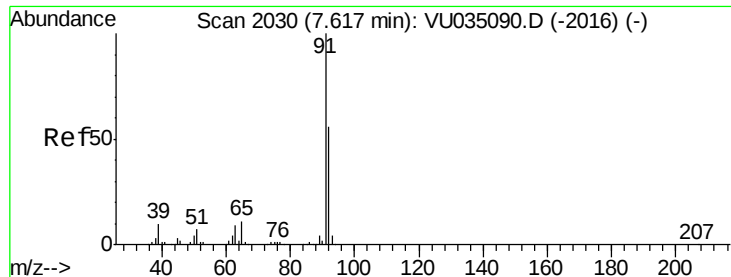
Tgt Ion: 83 Resp: 12110
Ion Ratio Lower Upper
83 100
85 68.8 45.4 84.4



#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035092.D
Acq: 11 Oct 2019 16:18

Tgt Ion: 83 Resp: 14241
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 36.2 54.2#





#42

Toluene

Concen: 0.528 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035092.D

Acq: 11 Oct 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

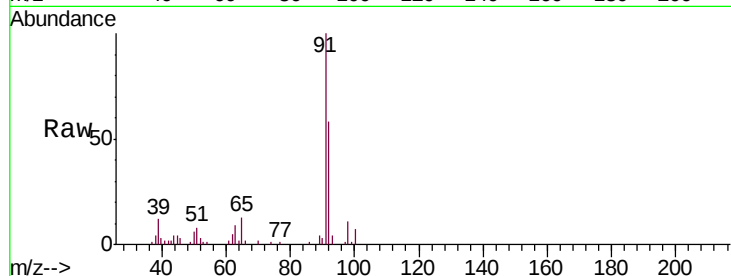
RB-1-191002-01

Tgt Ion: 91 Resp: 27615

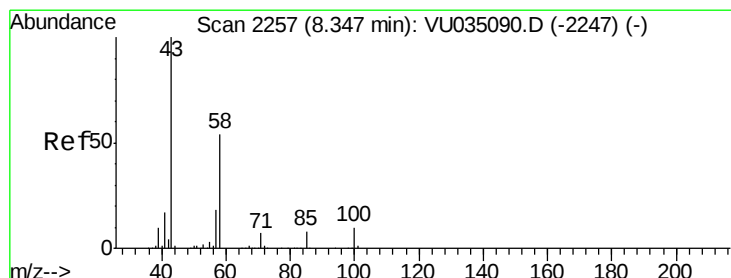
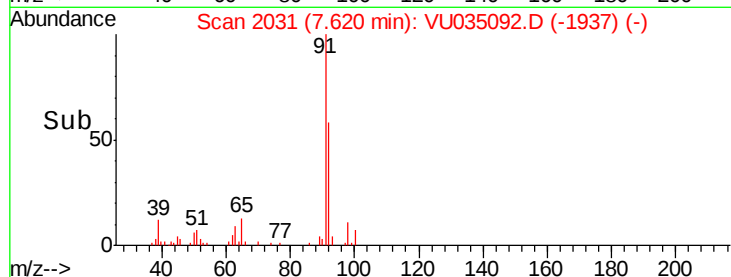
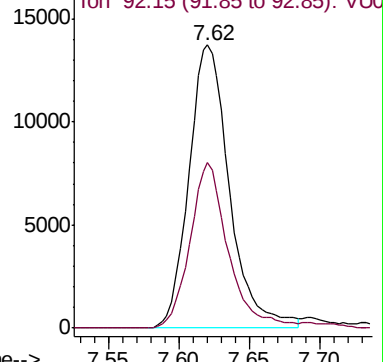
Ion Ratio Lower Upper

91 100

92 58.4 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035090.D (-2016) (-)



#48

2-Hexanone

Concen: 3.099 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.04 min

Lab File: VU035092.D

Acq: 11 Oct 2019 16:18

Tgt Ion: 43 Resp: 18060

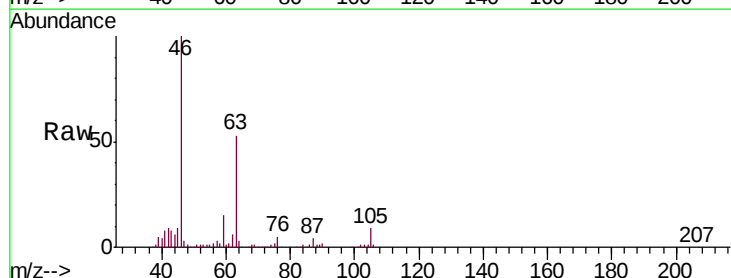
Ion Ratio Lower Upper

43 100

58 10.8 44.1 66.1#

57 19.5 15.8 23.8

100 0.1 9.4 14.2#

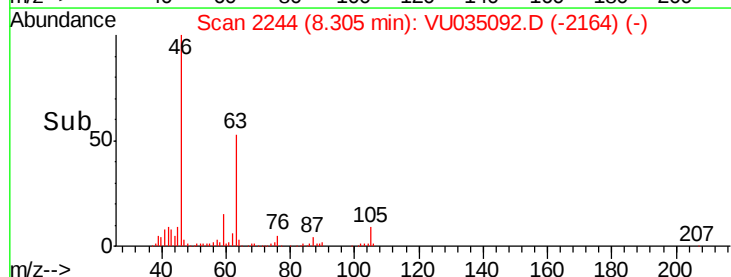
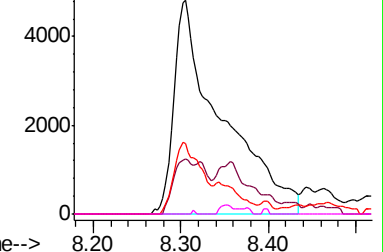


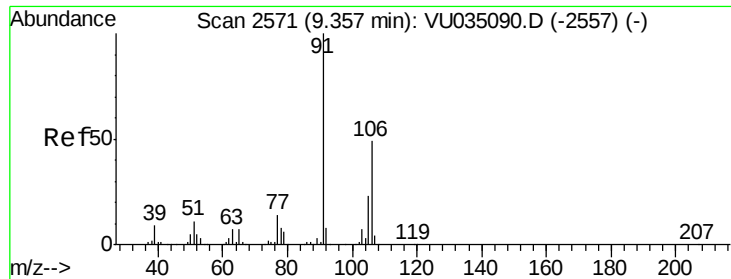
Abundance Ion 43.05 (42.75 to 43.75): VU035090.D (-2247) (-)

Ion 58.05 (57.75 to 58.75): VU035090.D (-2247) (-)

Ion 57.20 (56.90 to 57.90): VU035090.D (-2247) (-)

Ion 100.15 (99.85 to 100.85): VU035090.D (-2247) (-)





#53

m,p-Xylene

Concen: 0.165 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU035092.D

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ClientSampleId :

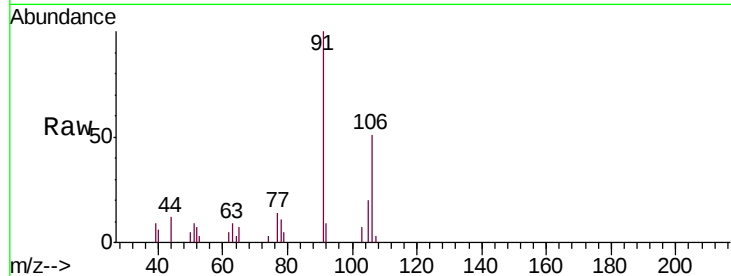
RB-1-191002-01

Tgt Ion:106 Resp: 3514

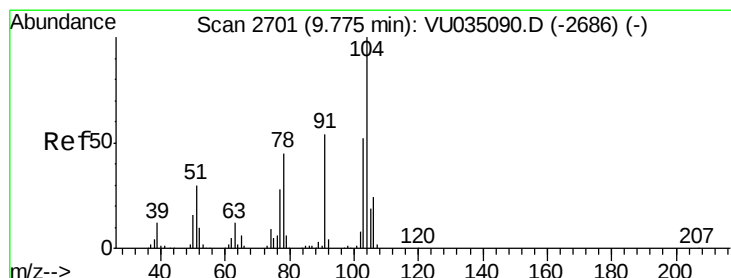
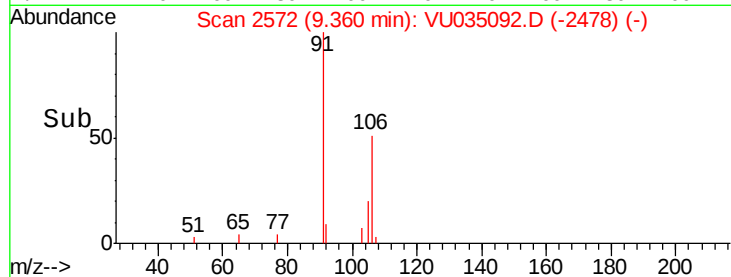
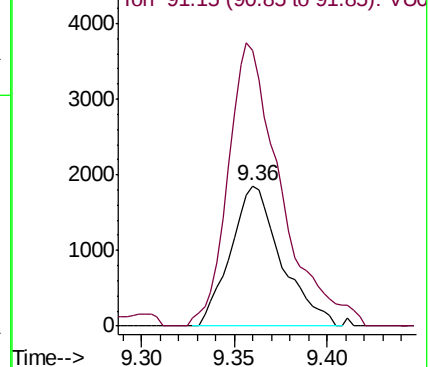
Ion Ratio Lower Upper

106 100

91 196.9 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V



#55

Styrene

Concen: 0.173 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035092.D

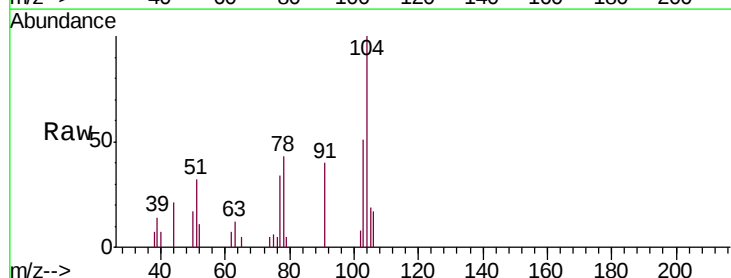
Acq: 11 Oct 2019 16:18

Tgt Ion:104 Resp: 5857

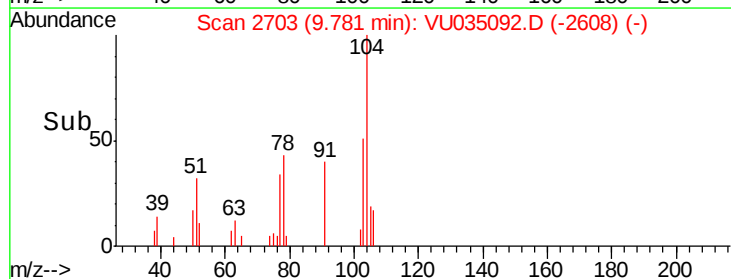
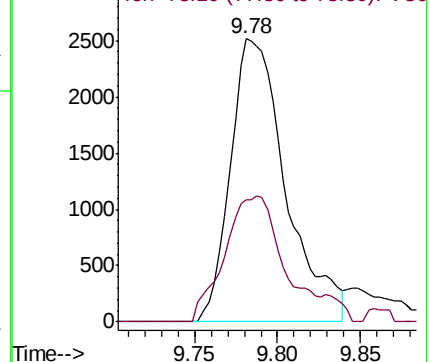
Ion Ratio Lower Upper

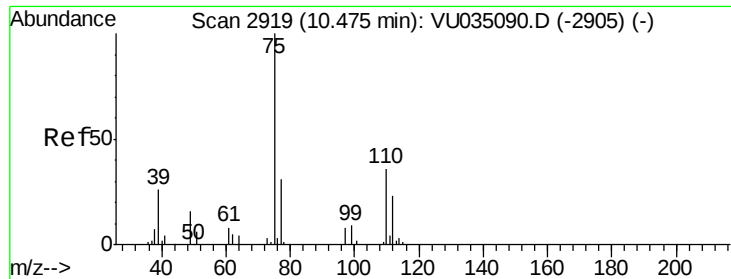
104 100

78 42.9 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): V





#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035092.D

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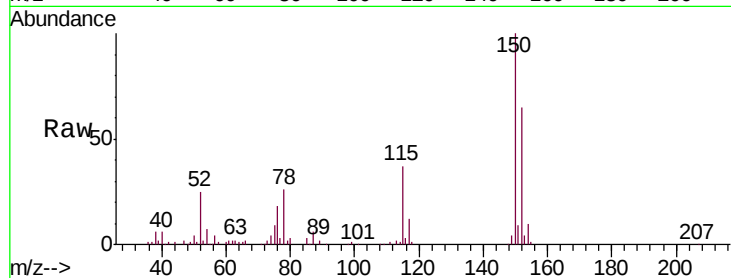
RB-1-191002-01

Tgt Ion: 75 Resp: 8797

Ion Ratio Lower Upper

75 100

77 31.4 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

