

Data File : VU035095.D
Acq On : 11 Oct 2019 17:31
Operator : JC/SP
Sample : K5309-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191005-01

Quant Time: Oct 12 02:45:16 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	167030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	158435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.38	65	58085	5.88	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.67	69	52045	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.25	63	82637	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.22	46	146056	50.23	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	4.62	84	99351	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.29	65	57254	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.31	84	193936	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.31	67	66237	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.54	98	164588	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.83	79	21940	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.31	63	113604	53.44	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53473	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	60405	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
13) Acetone	2.39	43	9619	4.039 ug/L	74
14) Carbon disulfide	2.46	76	6783	0.190 ug/L #	87
15) Methyl Acetate	2.39	43	9619	1.517 ug/L #	53
21) 2-Butanone	4.40	43	26142	7.709 ug/L #	48
35) Methylcyclohexane	6.31	83	14760	0.740 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7921	0.615 ug/L #	88
42) Toluene	7.62	91	21505	0.432 ug/L	97
53) m,p-Xylene	9.36	106	2914	0.143 ug/L	76
55) Styrene	9.78	104	5445	0.169 ug/L	84
59) 1,2,3-Trichloropropane	11.46	75	9191	1.103 ug/L	96

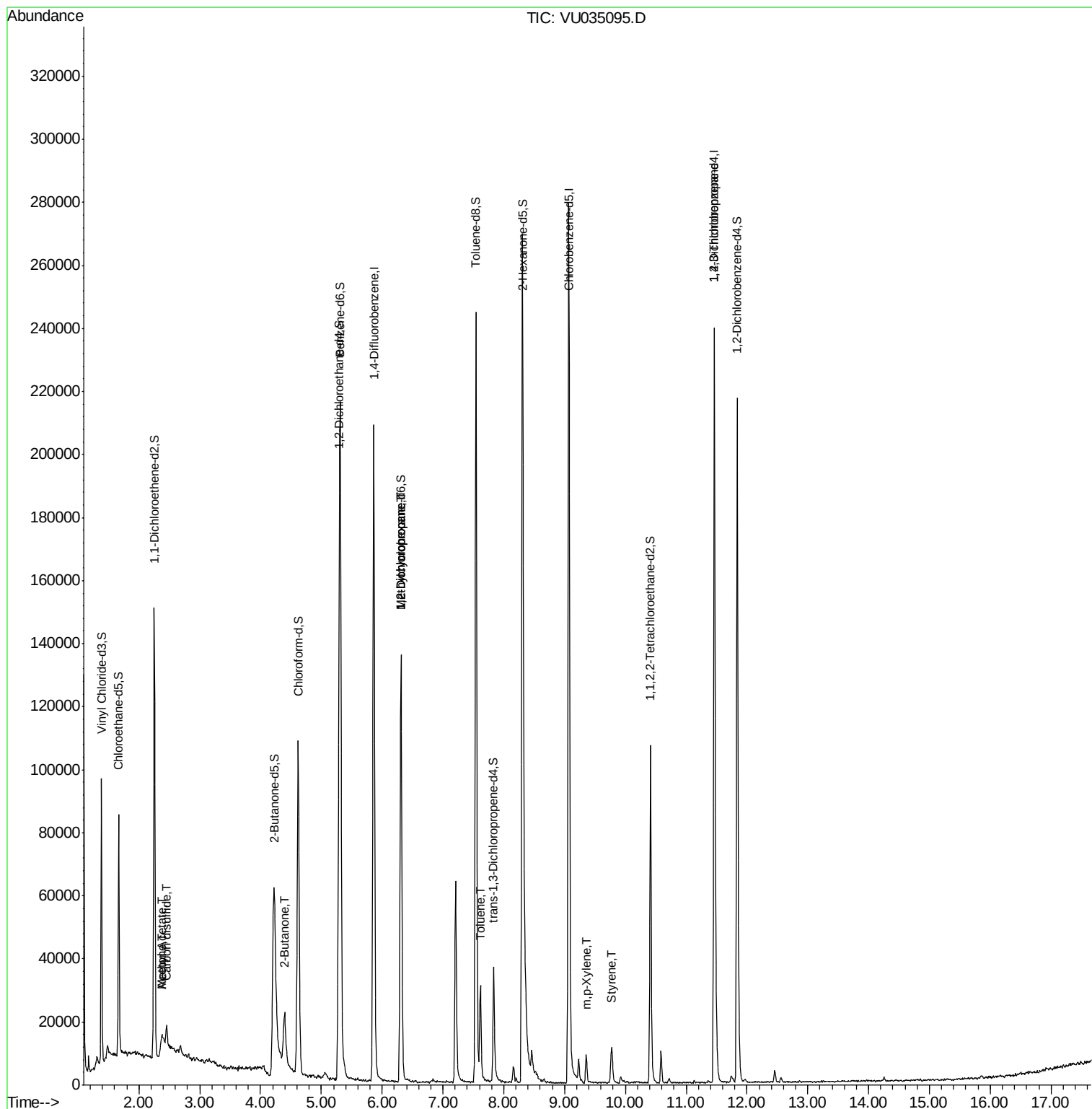
(#) = qualifier out of range (m) = manual integration (+) = signals summed

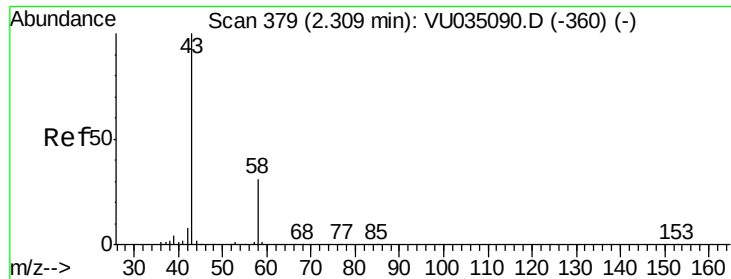
Data File : VU035095.D

```
Acq On       : 11 Oct 2019   17:31
Operator    : JC/SP
Sample      : K5309-05
Misc       : 25.0mL/MSVOA_U/WATER
ALS Vial    : 20      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191005-01

Quant Time: Oct 12 02:45:16 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





#13

Acetone

Concen: 4.039 ug/L

RT: 2.39 min Scan# 403

Delta R.T. 0.08 min

Lab File: VU035095.D

Acq: 11 Oct 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

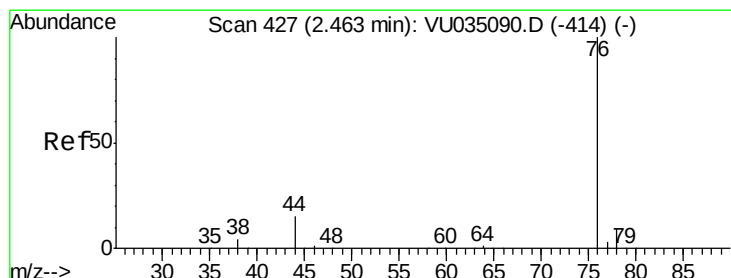
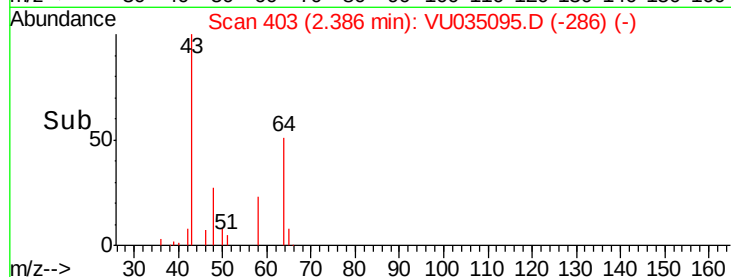
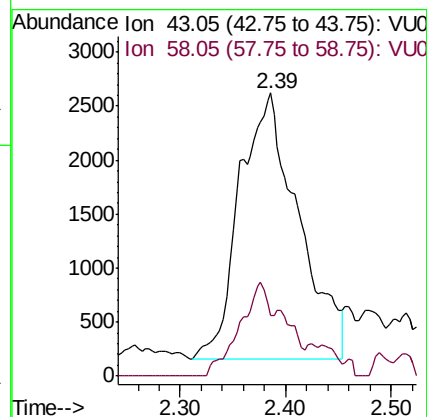
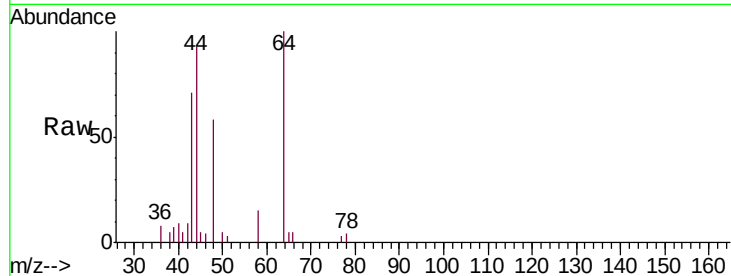
RB-1-191005-01

Tgt Ion: 43 Resp: 9619

Ion Ratio Lower Upper

43 100

58 18.4 0.0 66.6



#14

Carbon disulfide

Concen: 0.190 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.01 min

Lab File: VU035095.D

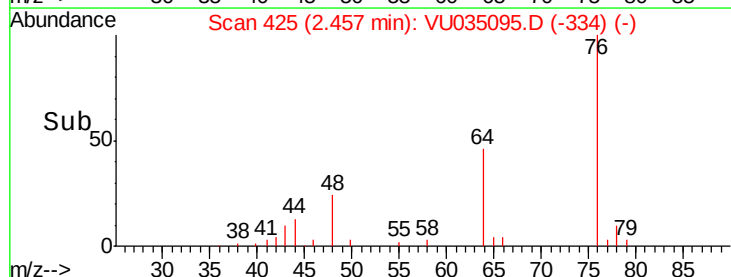
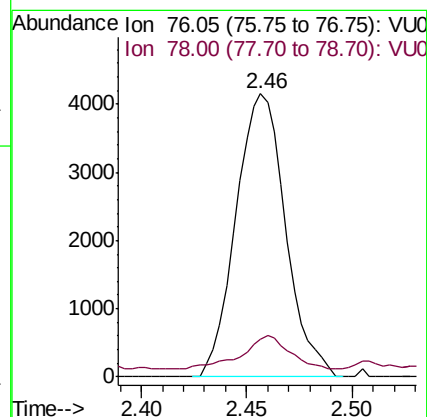
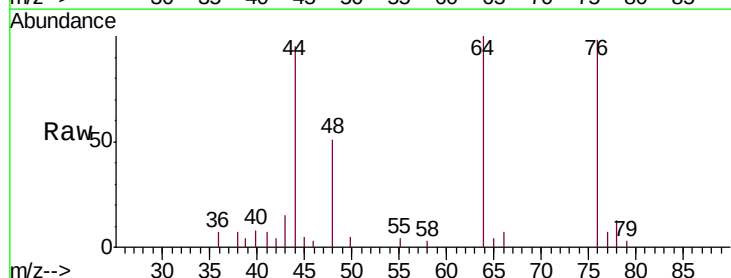
Acq: 11 Oct 2019 17:31

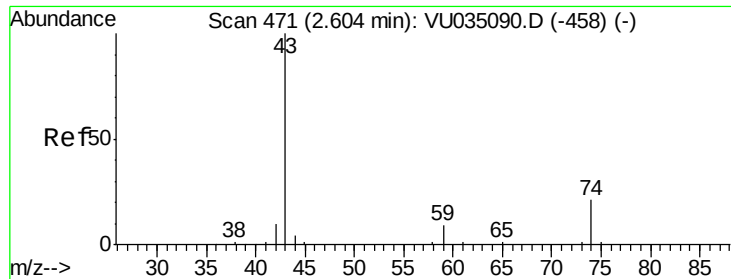
Tgt Ion: 76 Resp: 6783

Ion Ratio Lower Upper

76 100

78 13.5 7.1 10.7#

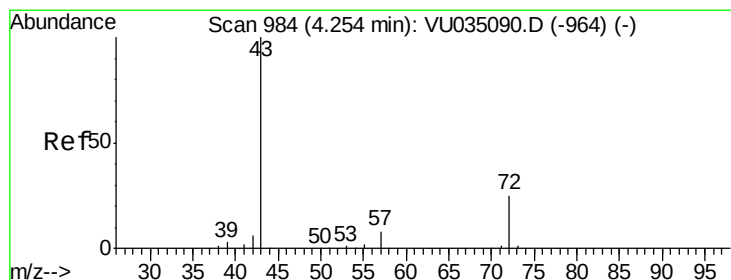
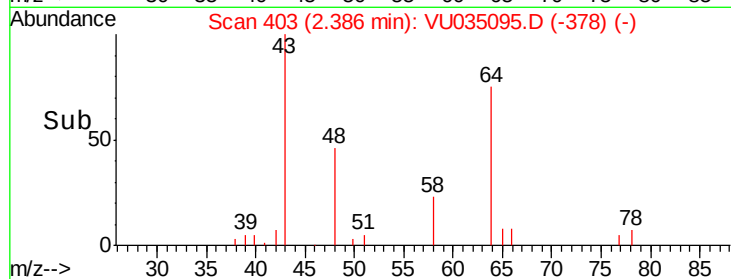
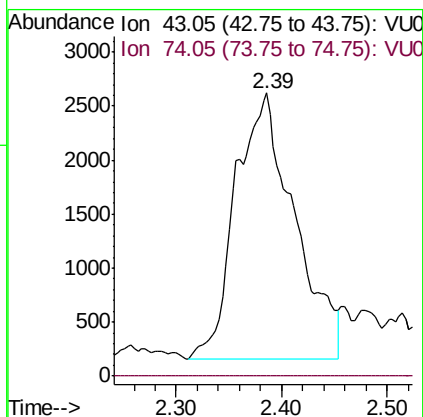
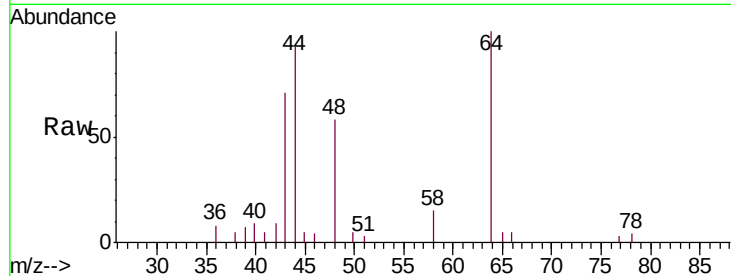




#15
Methyl Acetate
Concen: 1.517 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.22 min
Lab File: VU035095.D
Acq: 11 Oct 2019 17:31

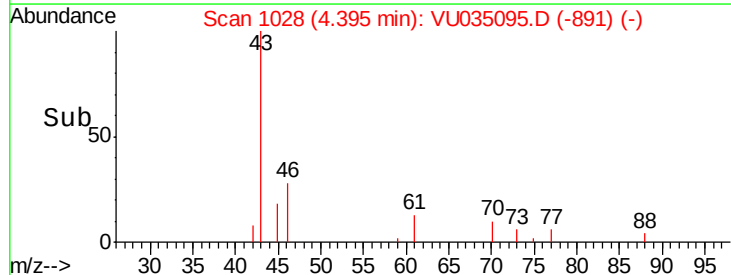
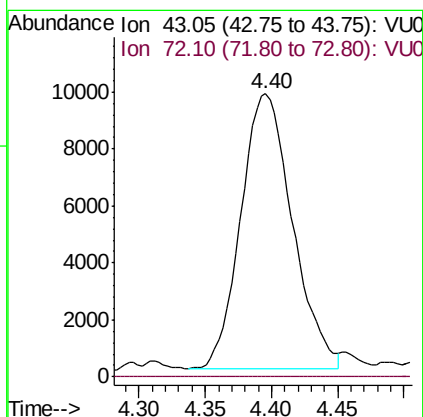
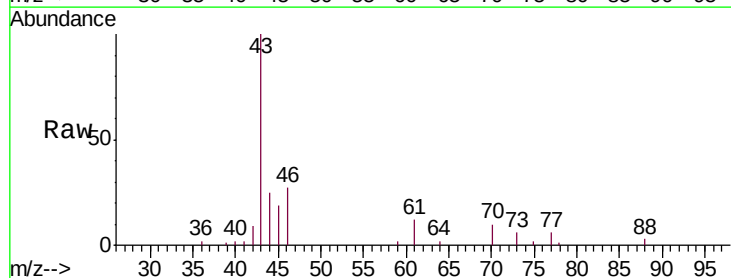
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191005-01

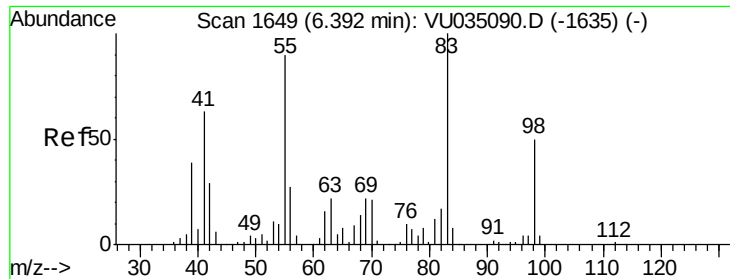
Tgt Ion: 43 Resp: 9619
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
2-Butanone
Concen: 7.709 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.14 min
Lab File: VU035095.D
Acq: 11 Oct 2019 17:31

Tgt Ion: 43 Resp: 26142
Ion Ratio Lower Upper
43 100
72 0.0 13.5 40.4#

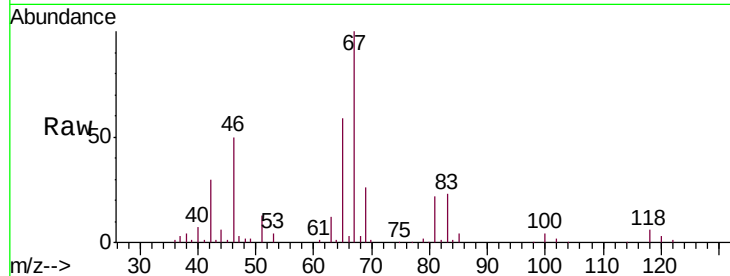




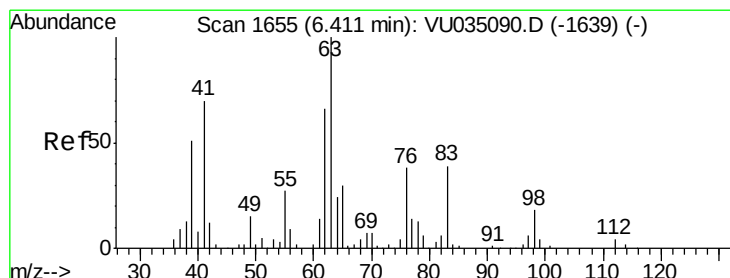
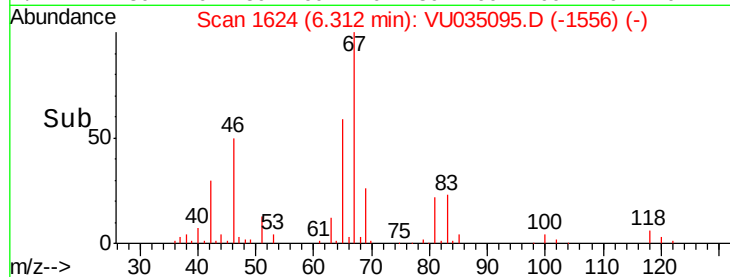
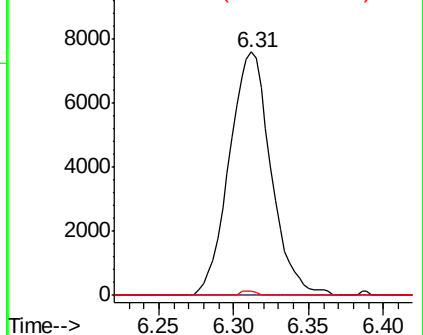
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035095.D
Acq: 11 Oct 2019 17:31

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191005-01

Tgt Ion: 83 Resp: 14760
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.7 36.2 54.2#

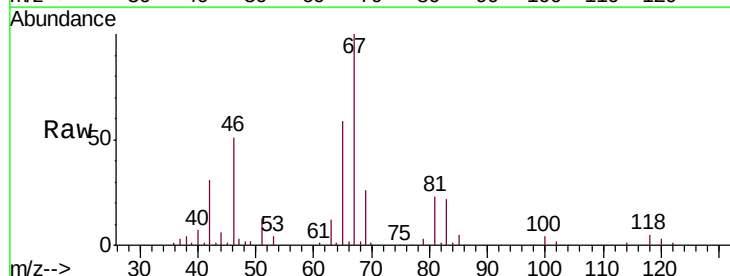


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

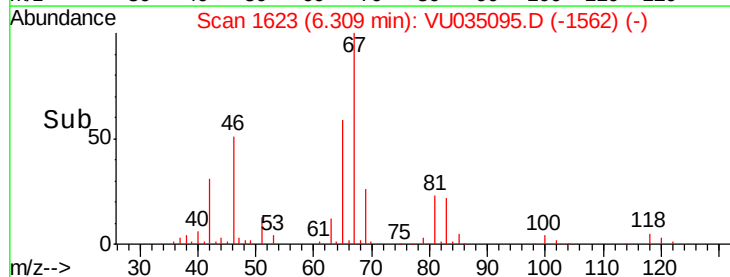
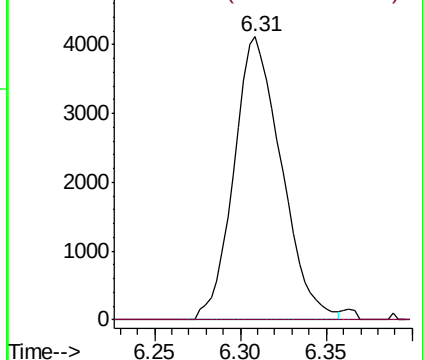


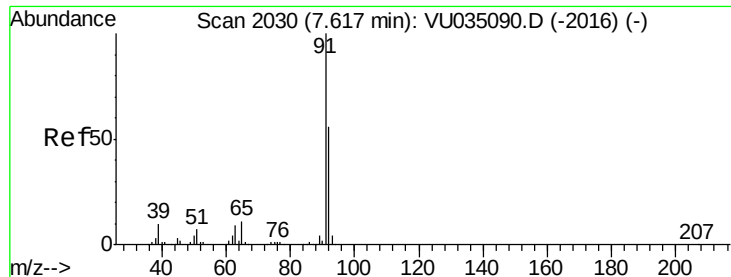
#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035095.D
Acq: 11 Oct 2019 17:31

Tgt Ion: 63 Resp: 7921
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: 0.432 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035095.D

Acq: 11 Oct 2019 17:31

Instrument :

MSVOA_U

ClientSampleId :

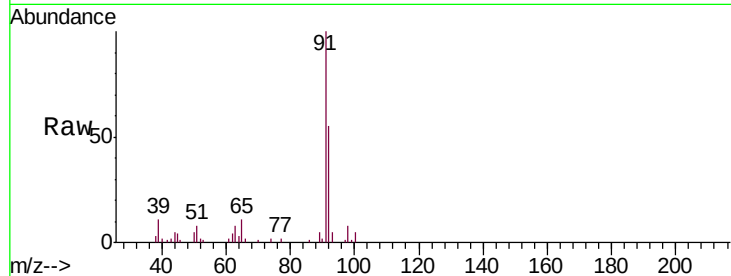
RB-1-191005-01

Tgt Ion: 91 Resp: 21505

Ion Ratio Lower Upper

91 100

92 54.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035095.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU035095.D (-2016) (-)

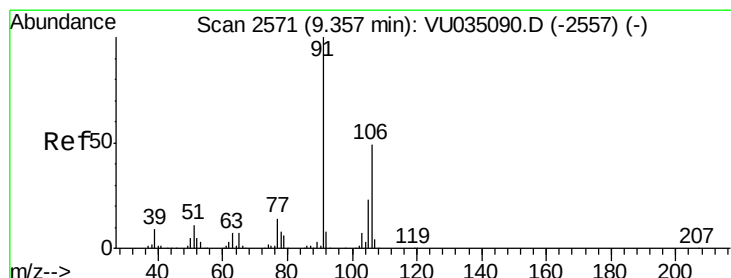
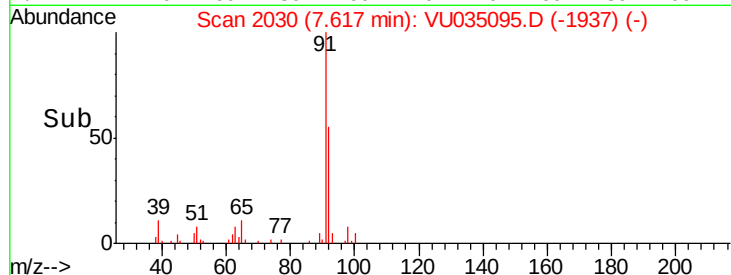
7.62

10000

5000

0

Time-->



#53

m,p-Xylene

Concen: 0.143 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU035095.D

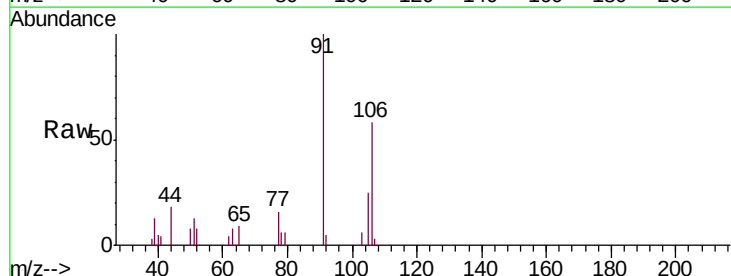
Acq: 11 Oct 2019 17:31

Tgt Ion: 106 Resp: 2914

Ion Ratio Lower Upper

106 100

91 173.3 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035095.D (-2557) (-)

Ion 91.15 (90.85 to 91.85): VU035095.D (-2557) (-)

9.36

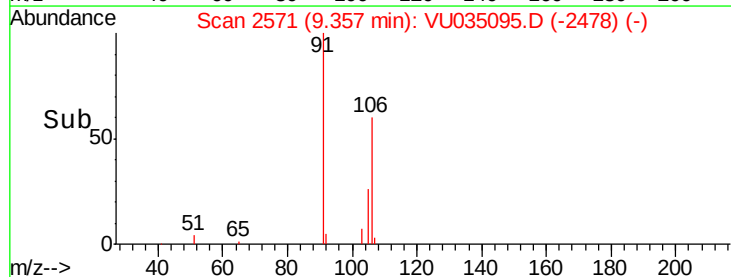
3000

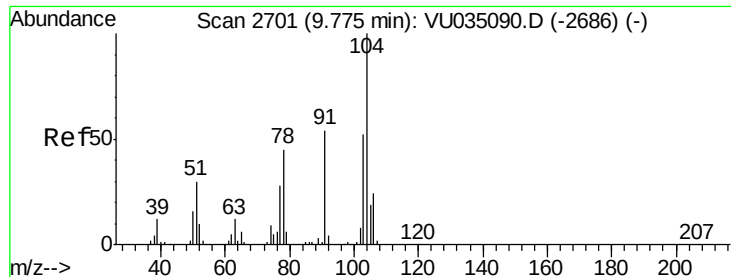
2000

1000

0

Time-->

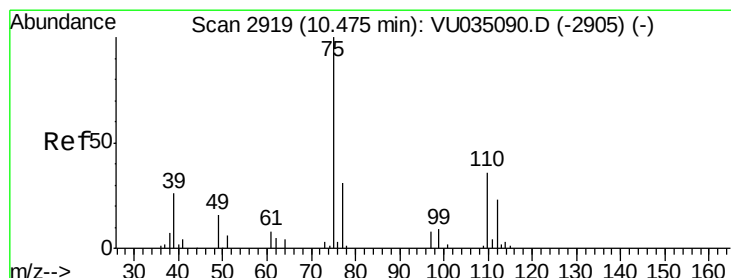
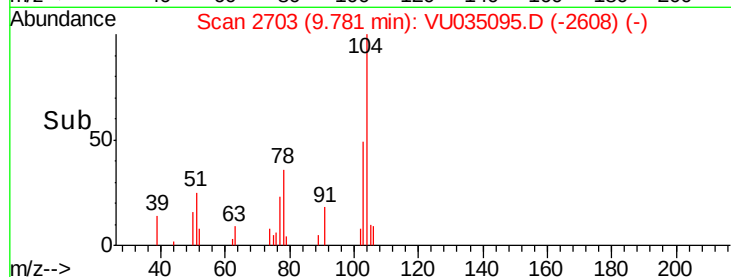
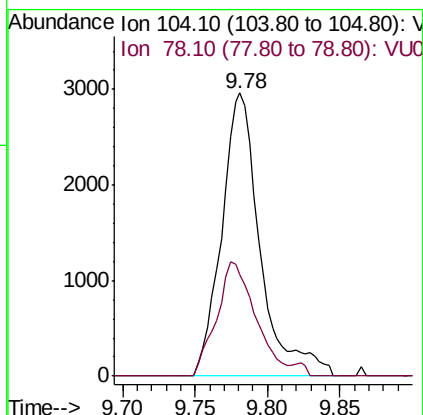
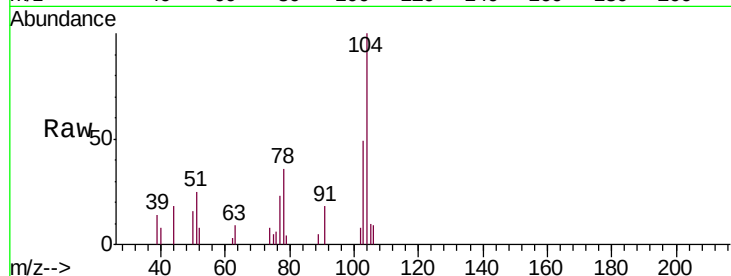




#55
 Styrene
 Concen: 0.169 ug/L
 RT: 9.78 min Scan# 2703
 Delta R.T. 0.01 min
 Lab File: VU035095.D
 Acq: 11 Oct 2019 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191005-01

Tgt Ion: 104 Resp: 5445
 Ion Ratio Lower Upper
 104 100
 78 36.0 32.8 60.8



#59
 1,2,3-Trichloropropane
 Concen: 1.103 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU035095.D
 Acq: 11 Oct 2019 17:31

Tgt Ion: 75 Resp: 9191
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.5 39.7

