

Data File : VU035093.D
Acq On : 11 Oct 2019 16:42
Operator : JC/SP
Sample : K5309-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191003-01

Quant Time: Oct 12 02:44:43 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	161997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54398	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.68	69	50970	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.26	63	78459	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.17	46	147798	52.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.62	84	93952	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.29	65	55024	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.32	84	197524	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.31	67	68836	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.55	98	170550	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	20445	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	105374	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55168	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	57881	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

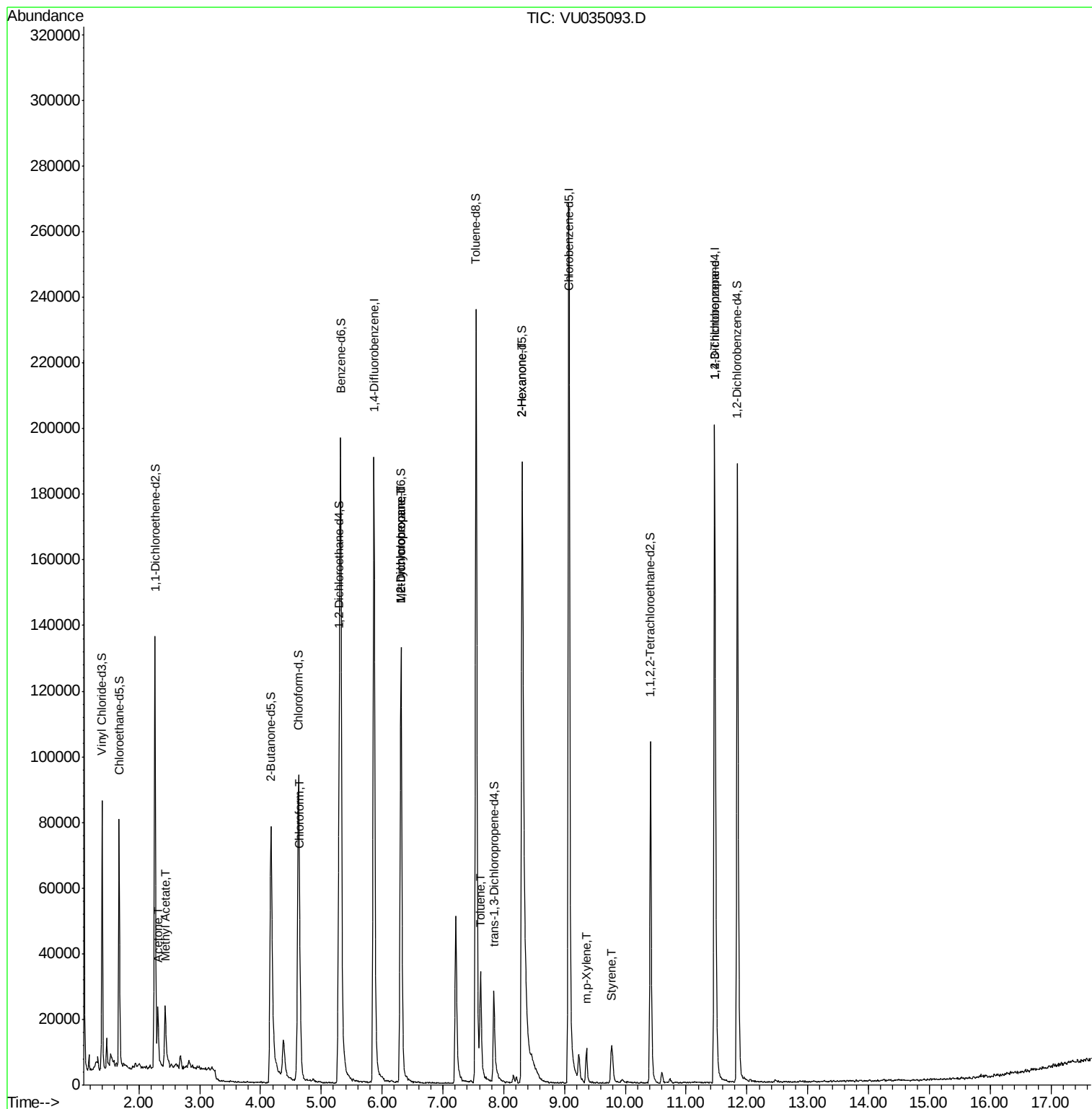
					Qvalue
13) Acetone	2.31	43	17962	7.777 ug/L	96
15) Methyl Acetate	2.43	43	4903	0.797 ug/L #	53
25) Chloroform	4.65	83	11919	0.479 ug/L	90
35) Methylcyclohexane	6.31	83	14752	0.694 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7852	0.572 ug/L #	89
42) Toluene	7.62	91	25399	0.478 ug/L	99
48) 2-Hexanone	8.30	43	10095	1.705 ug/L #	72
53) m,p-Xylene	9.36	106	3413	0.158 ug/L	95
55) Styrene	9.78	104	5914	0.172 ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	8414	0.948 ug/L	98

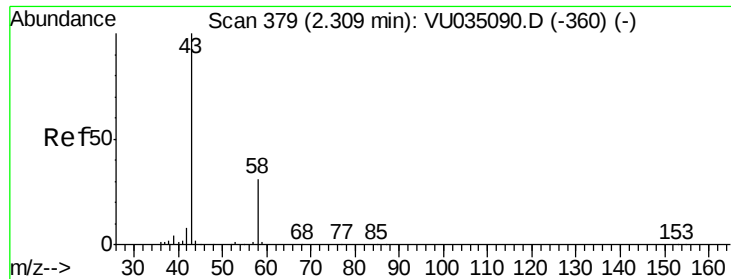
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.777 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035093.D

Acq: 11 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

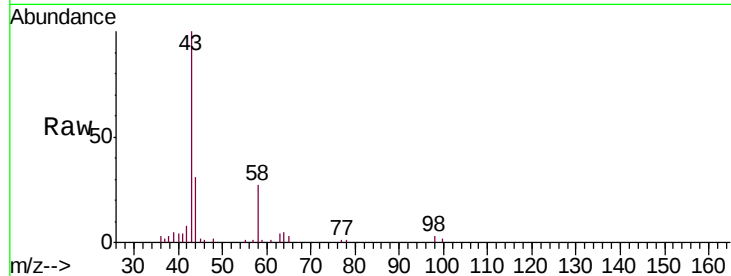
RB-1-191003-01

Tgt Ion: 43 Resp: 17962

Ion Ratio Lower Upper

43 100

58 30.9 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035090.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035090.D (-360) (-)

12000

10000

8000

6000

4000

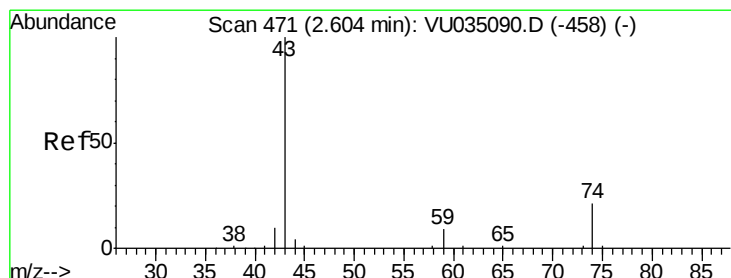
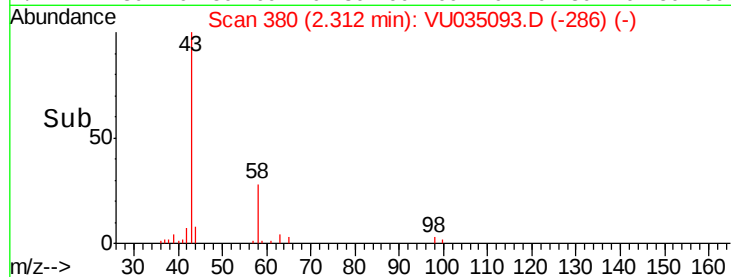
2000

0

Time-->

2.25 2.30 2.35

2.31



#15

Methyl Acetate

Concen: 0.797 ug/L

RT: 2.43 min Scan# 418

Delta R.T. -0.17 min

Lab File: VU035093.D

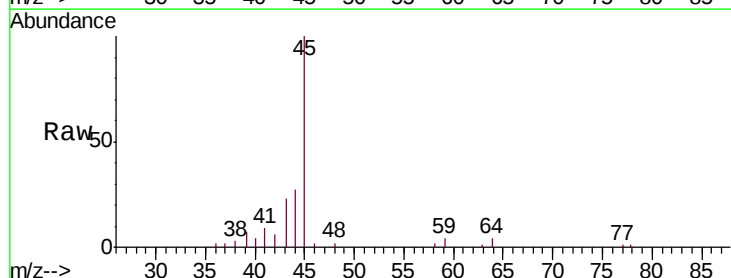
Acq: 11 Oct 2019 16:42

Tgt Ion: 43 Resp: 4903

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU035090.D (-458) (-)

Ion 74.05 (73.75 to 74.75): VU035090.D (-458) (-)

3000

2500

2000

1500

1000

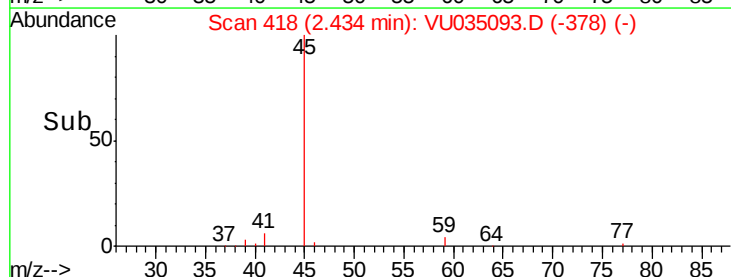
500

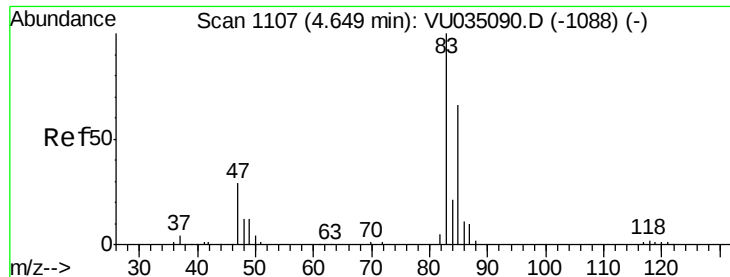
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Time-->

2.40 2.45 2.50

2.43

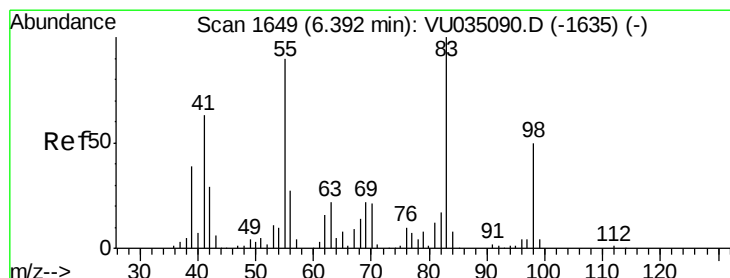
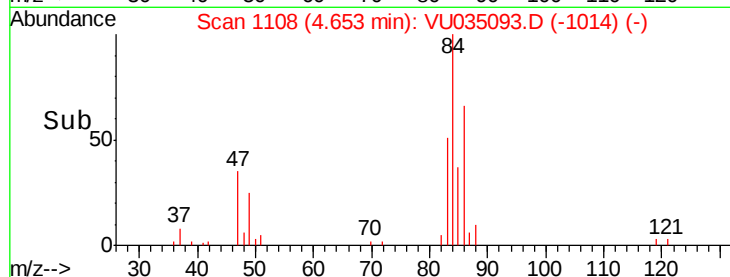
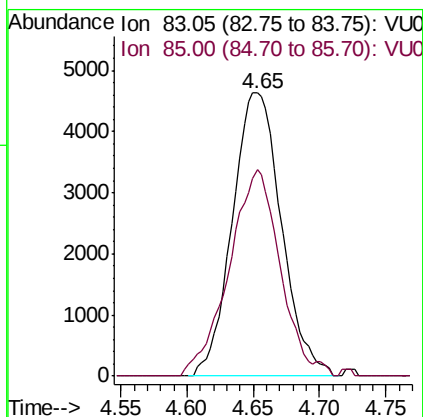
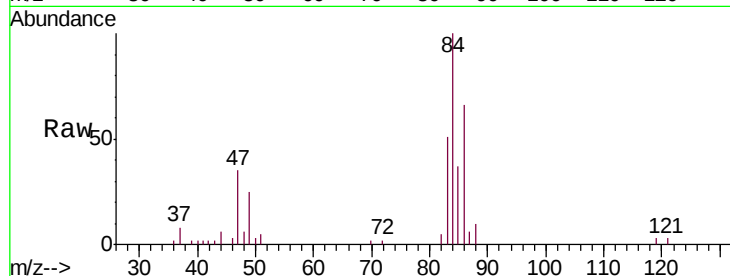




#25
Chloroform
Concen: 0.479 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035093.D
Acq: 11 Oct 2019 16:42

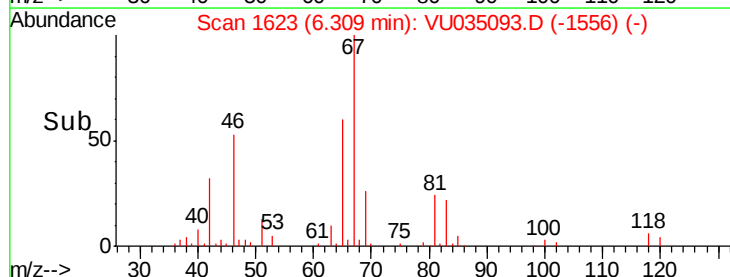
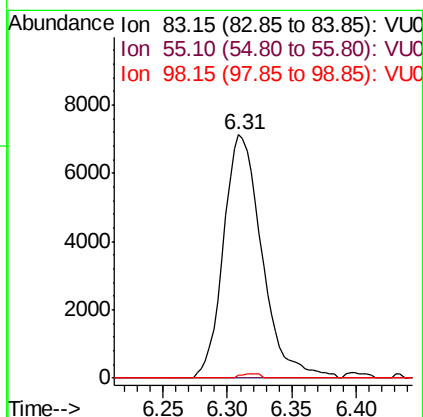
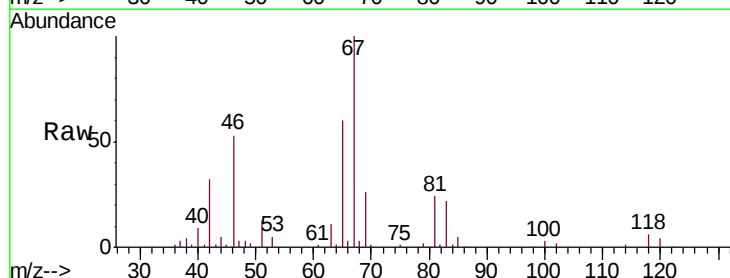
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191003-01

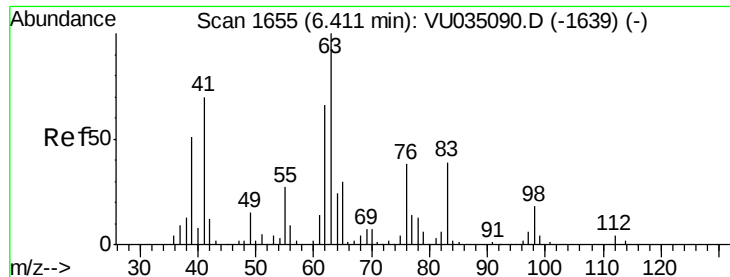
Tgt Ion: 83 Resp: 11919
Ion Ratio Lower Upper
83 100
85 72.8 45.4 84.4



#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035093.D
Acq: 11 Oct 2019 16:42

Tgt Ion: 83 Resp: 14752
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.9 36.2 54.2#

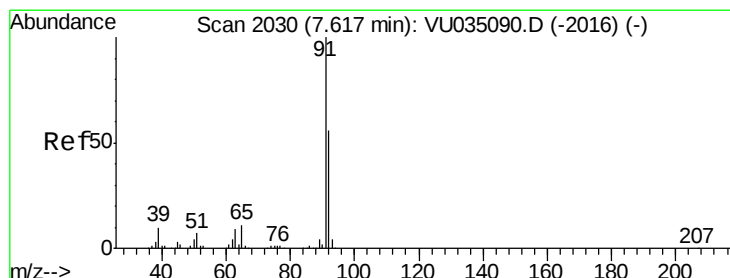
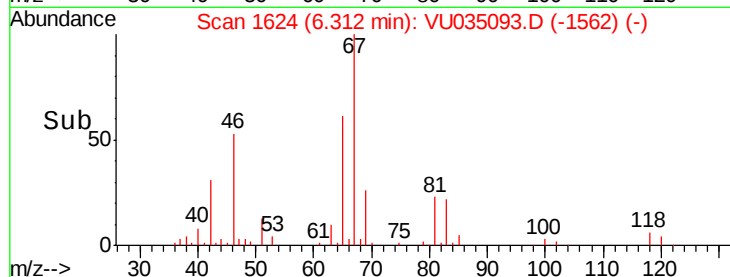
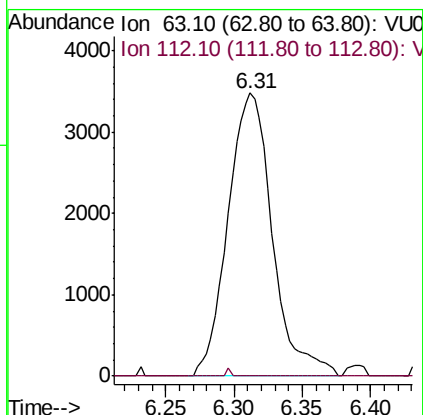
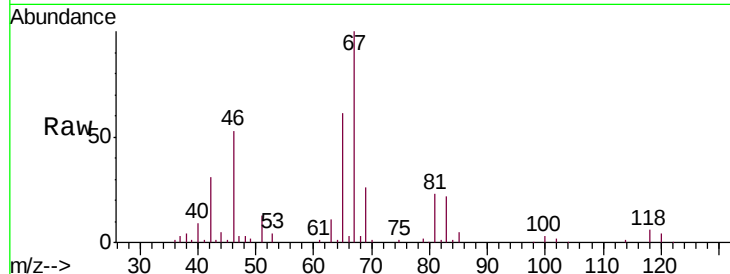




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU035093.D
 Acq: 11 Oct 2019 16:42

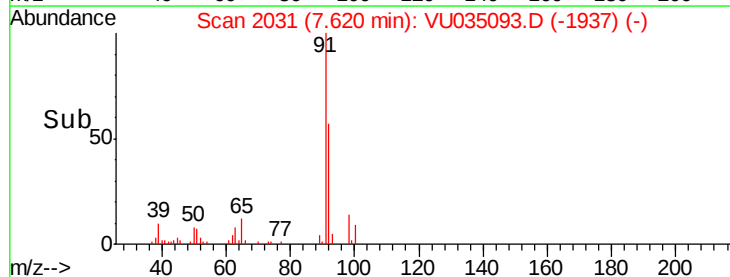
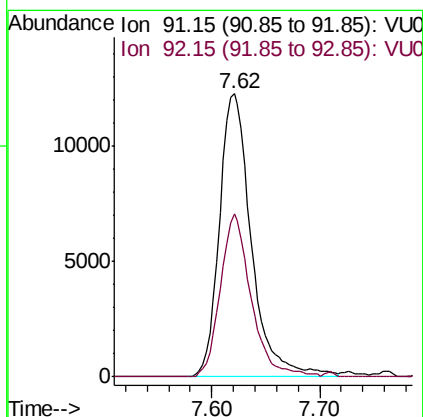
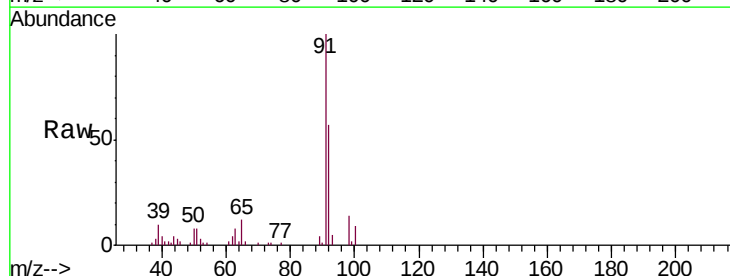
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191003-01

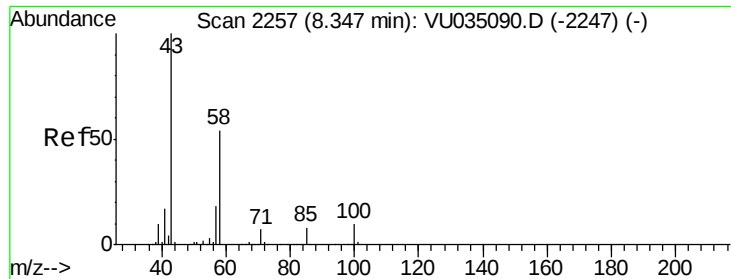
Tgt Ion: 63 Resp: 7852
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.1 4.7#



#42
 Toluene
 Concen: 0.478 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU035093.D
 Acq: 11 Oct 2019 16:42

Tgt Ion: 91 Resp: 25399
 Ion Ratio Lower Upper
 91 100
 92 57.5 40.0 74.2

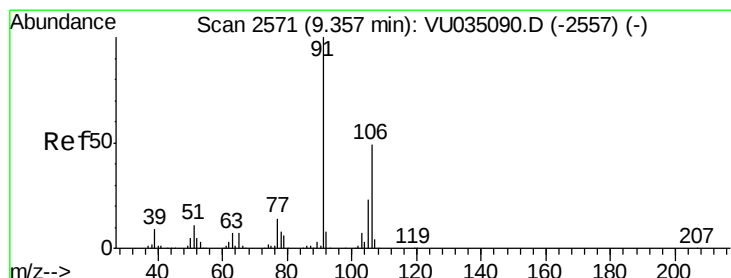
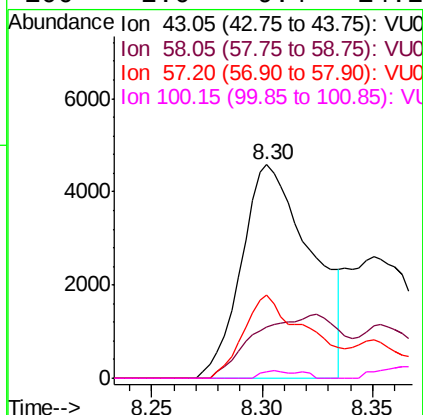
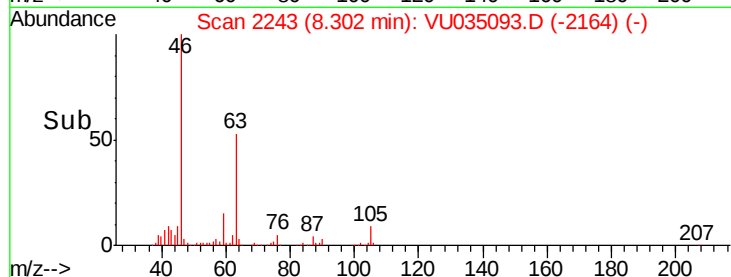
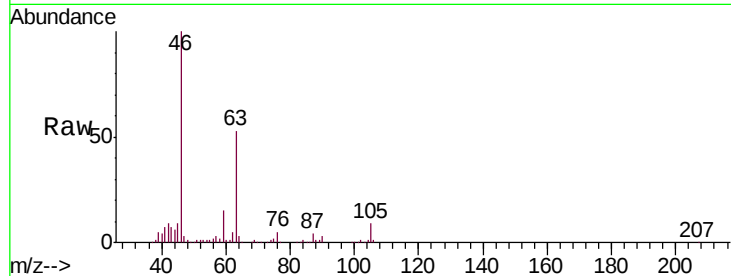




#48
2-Hexanone
Concen: 1.705 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035093.D
Acq: 11 Oct 2019 16:42

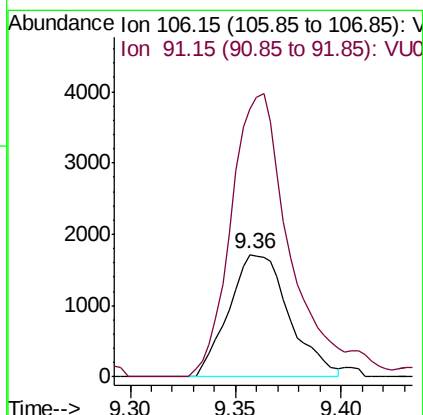
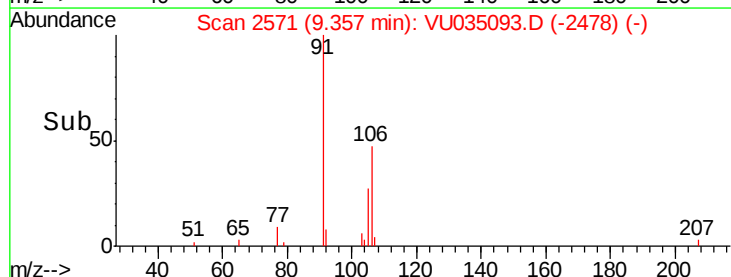
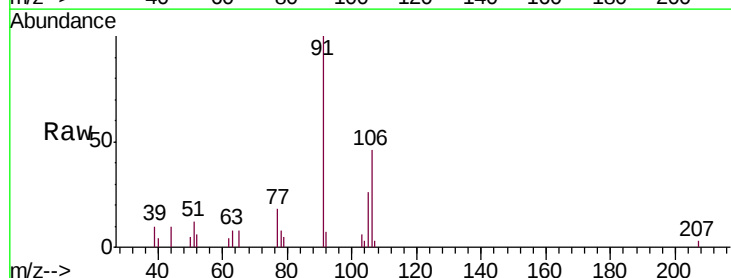
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191003-01

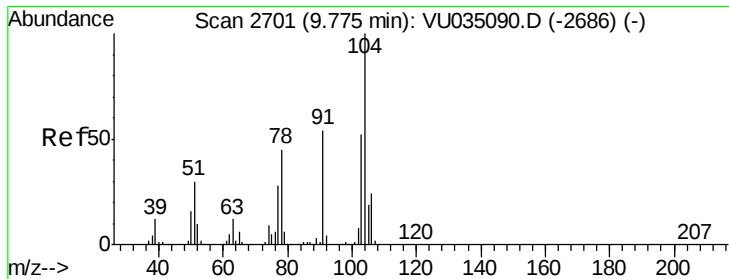
Tgt Ion: 43 Resp: 10095
Ion Ratio Lower Upper
43 100
58 36.7 44.1 66.1#
57 36.1 15.8 23.8#
100 2.0 9.4 14.2#



#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU035093.D
Acq: 11 Oct 2019 16:42

Tgt Ion: 106 Resp: 3413
Ion Ratio Lower Upper
106 100
91 218.9 147.6 274.0





#55

Styrene

Concen: 0.172 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU035093.D

Acq: 11 Oct 2019 16:42

Instrument :

MSVOA_U

ClientSampleId :

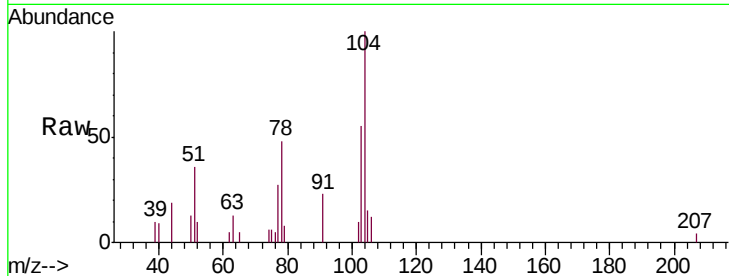
RB-1-191003-01

Tgt Ion: 104 Resp: 5914

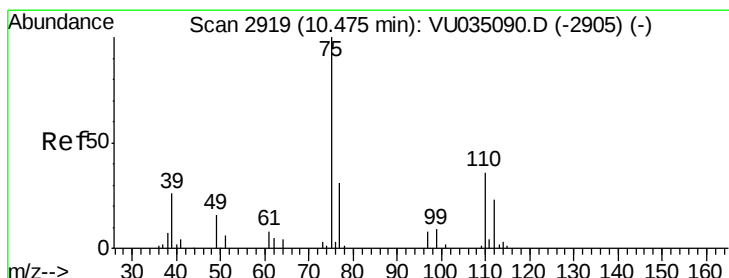
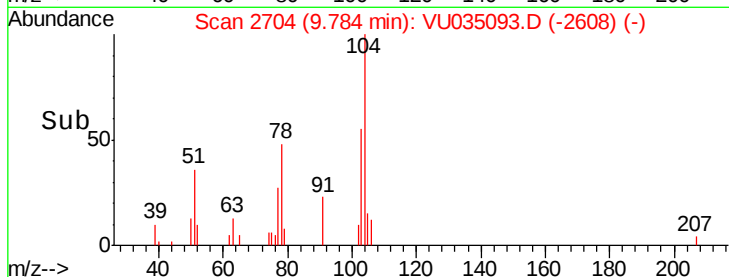
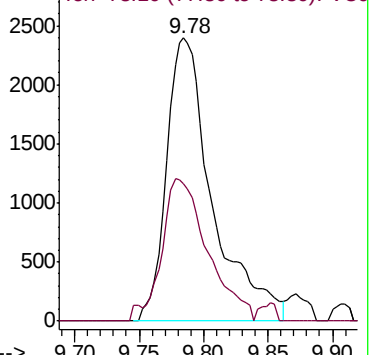
Ion Ratio Lower Upper

104 100

78 48.5 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): VU035090.D (-2686) (-)



#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035093.D

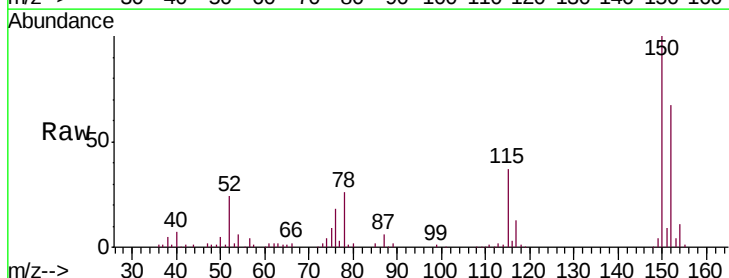
Acq: 11 Oct 2019 16:42

Tgt Ion: 75 Resp: 8414

Ion Ratio Lower Upper

75 100

77 34.5 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU035090.D (-2905) (-)

