

Data File : VU035058.D
Acq On : 10 Oct 2019 19:23
Operator : JC/SP
Sample : K5309-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Oct 11 04:44:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156626	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163952	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35537	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.68	69	37064	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.26	63	56200	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	143684	52.70	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	4.62	84	83698	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.29	65	52155	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.32	84	162953	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.31	67	61171	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.55	98	142340	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.84	79	18940	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.30	63	103301	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56112	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	53855	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

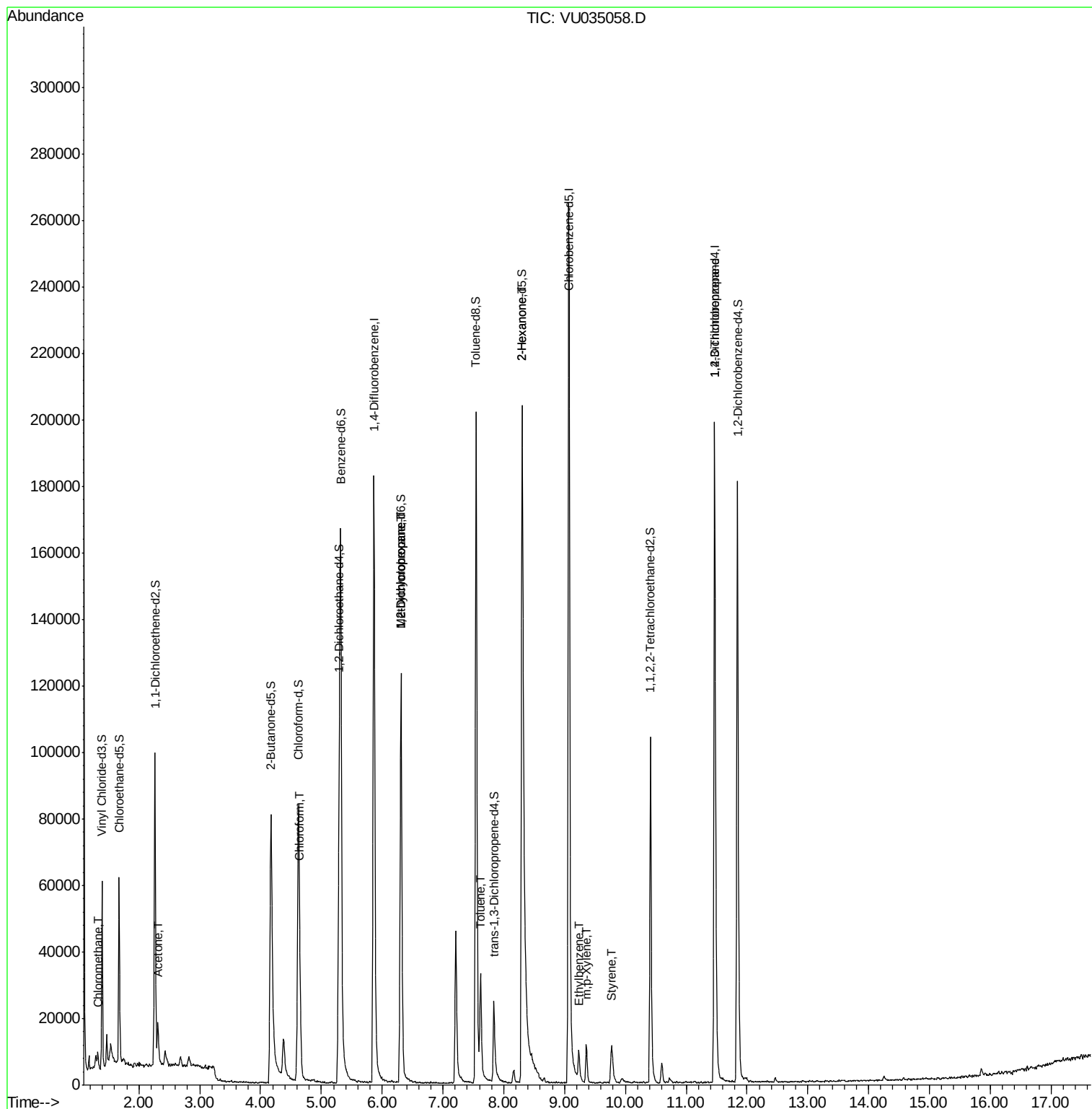
					Qvalue
3) Chloromethane	1.33	50	2854	0.182 ug/L	88
13) Acetone	2.31	43	13512	6.051 ug/L	99
25) Chloroform	4.65	83	12161	0.506 ug/L	89
35) Methylcyclohexane	6.31	83	13388	0.649 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7077	0.531 ug/L #	88
42) Toluene	7.62	91	25162	0.488 ug/L	93
48) 2-Hexanone	8.30	43	11334	1.972 ug/L #	64
52) Ethylbenzene	9.23	91	6640	0.117 ug/L	88
53) m,p-Xylene	9.36	106	4013	0.191 ug/L	94
55) Styrene	9.78	104	6254	0.188 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	8079	0.937 ug/L #	87

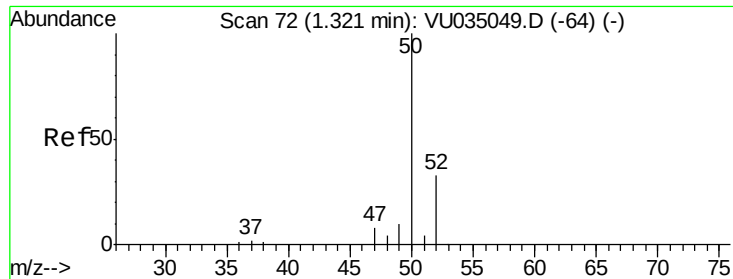
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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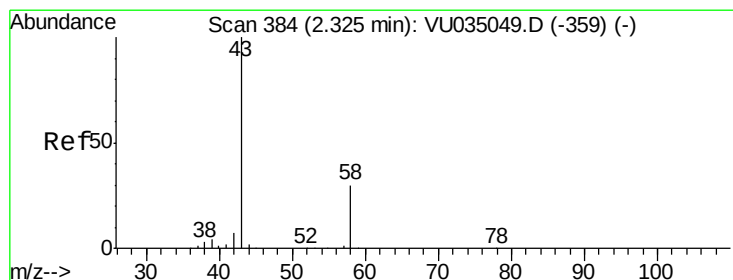
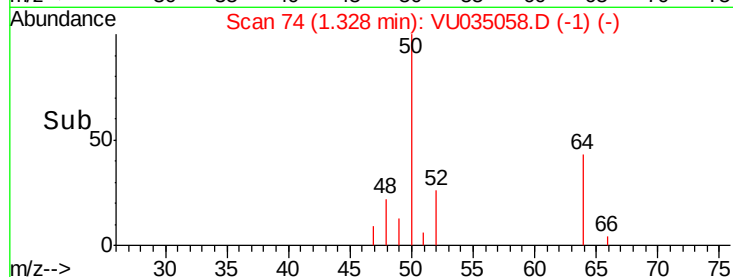
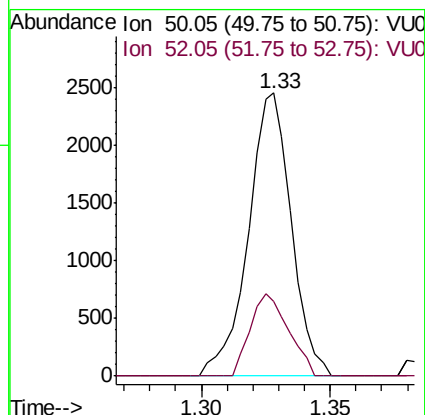
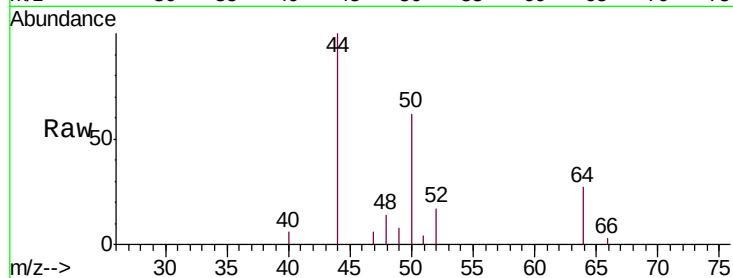




#3
 Chloromethane
 Concen: 0.182 ug/L
 RT: 1.33 min Scan# 74
 Delta R.T. 0.01 min
 Lab File: VU035058.D
 Acq: 10 Oct 2019 19:23

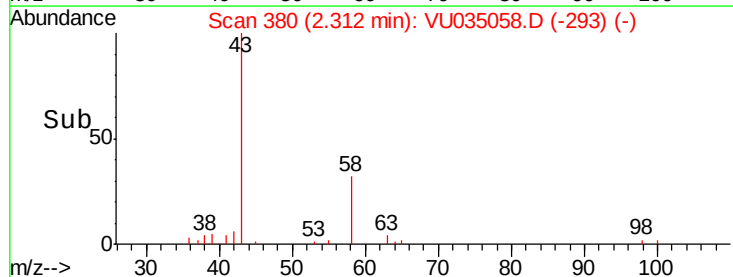
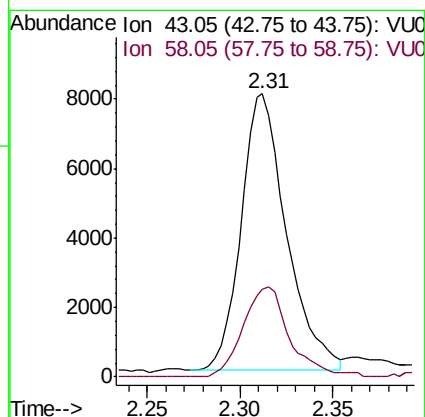
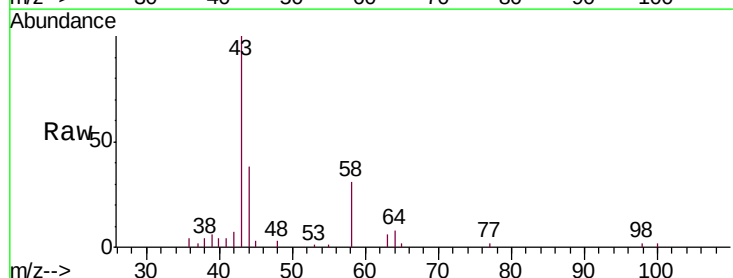
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191003-01

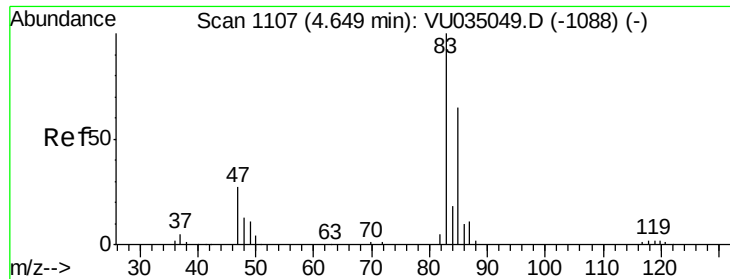
Tgt Ion: 50 Resp: 2854
 Ion Ratio Lower Upper
 50 100
 52 26.5 23.3 43.3



#13
 Acetone
 Concen: 6.051 ug/L
 RT: 2.31 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VU035058.D
 Acq: 10 Oct 2019 19:23

Tgt Ion: 43 Resp: 13512
 Ion Ratio Lower Upper
 43 100
 58 32.9 0.0 66.6

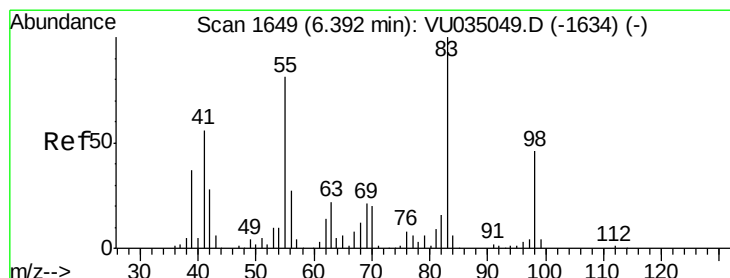
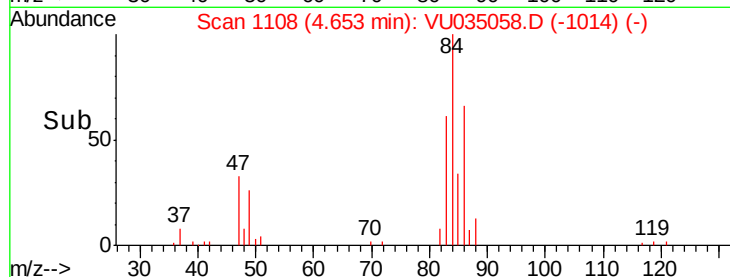
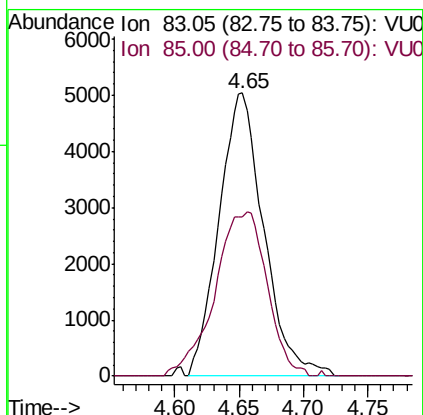
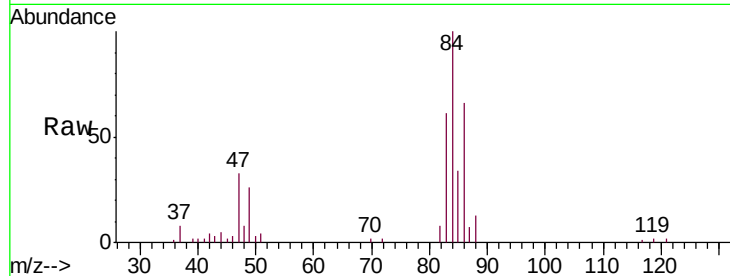




#25
Chloroform
Concen: 0.506 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

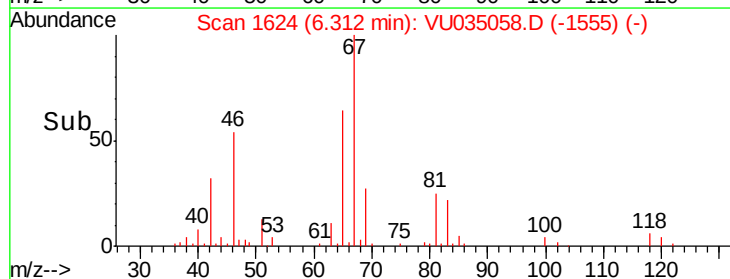
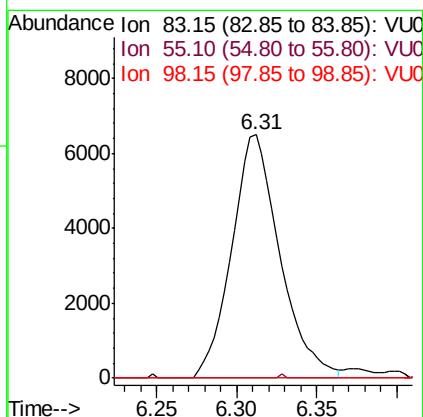
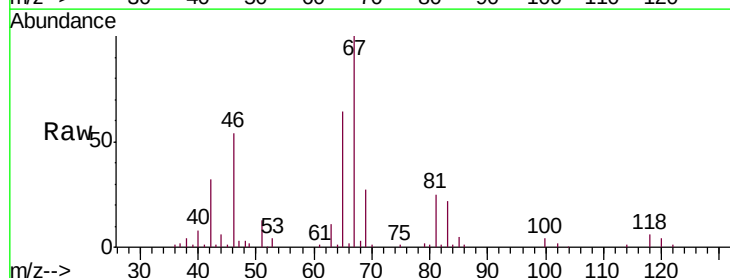
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191003-01

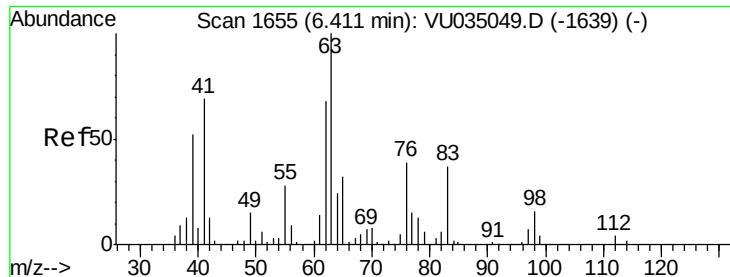
Tgt Ion: 83 Resp: 12161
Ion Ratio Lower Upper
83 100
85 56.3 45.4 84.4



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

Tgt Ion: 83 Resp: 13388
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.0 36.2 54.2#

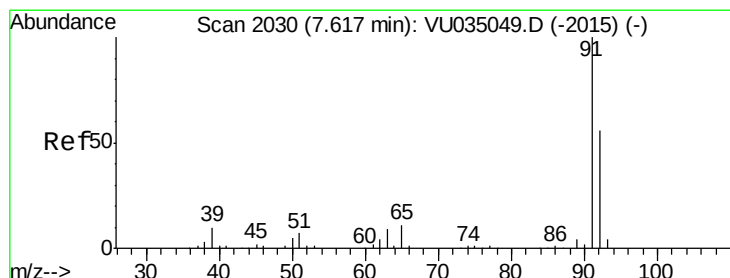
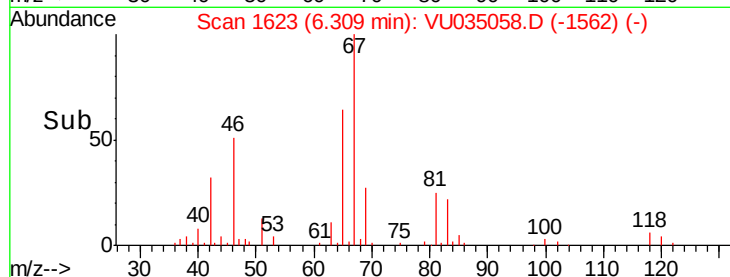
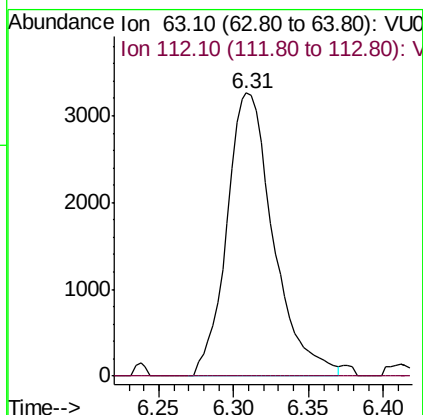
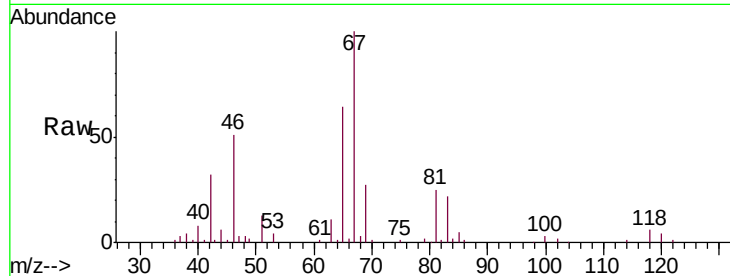




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035058.D
 Acq: 10 Oct 2019 19:23

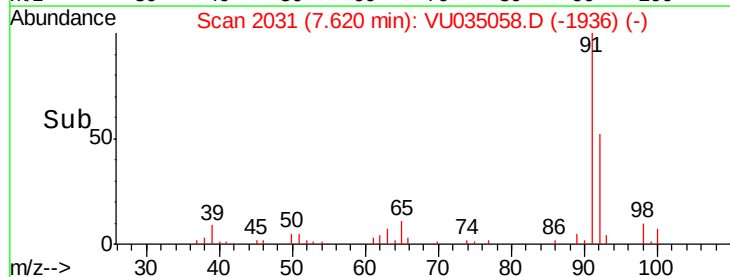
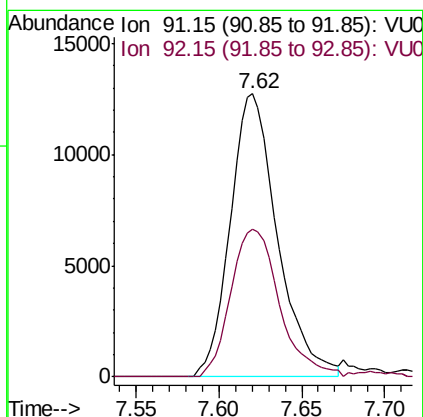
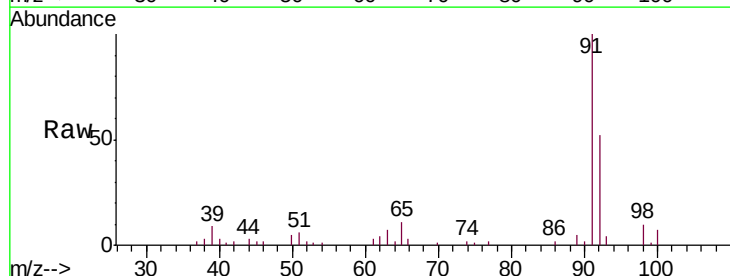
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191003-01

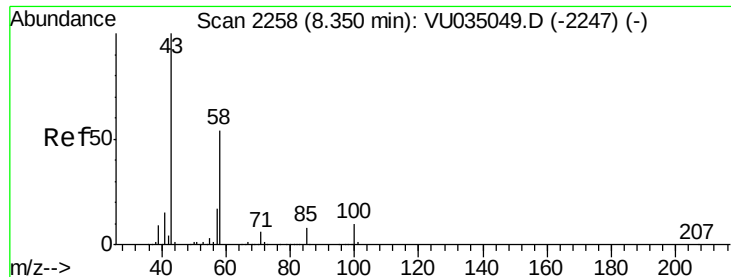
Tgt Ion: 63 Resp: 7077
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.488 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: VU035058.D
 Acq: 10 Oct 2019 19:23

Tgt Ion: 91 Resp: 25162
 Ion Ratio Lower Upper
 91 100
 92 52.0 40.0 74.2

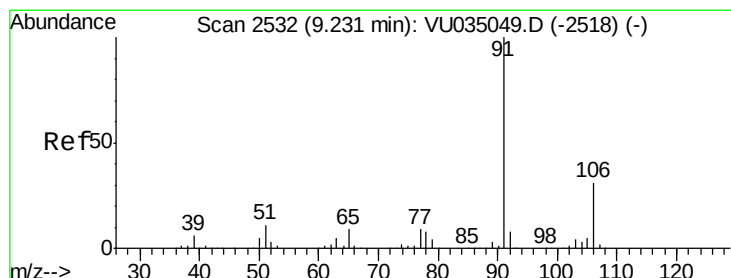
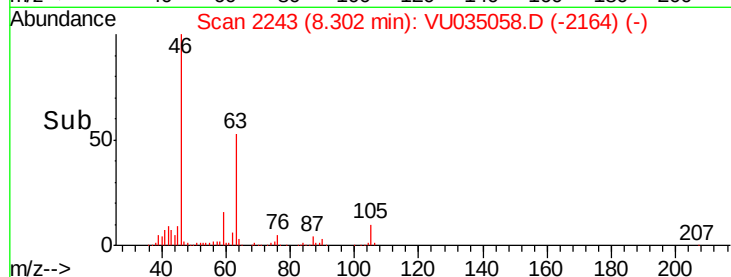
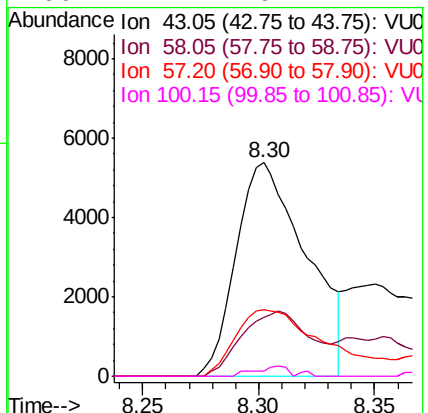
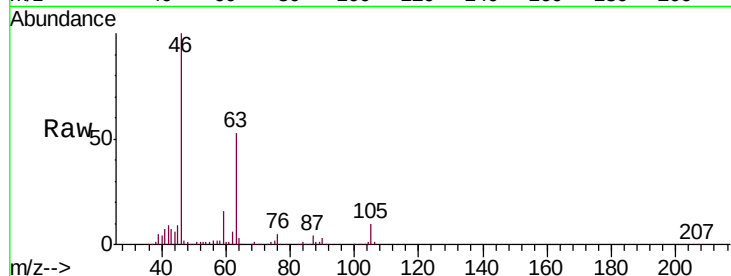




#48
2-Hexanone
Concen: 1.972 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

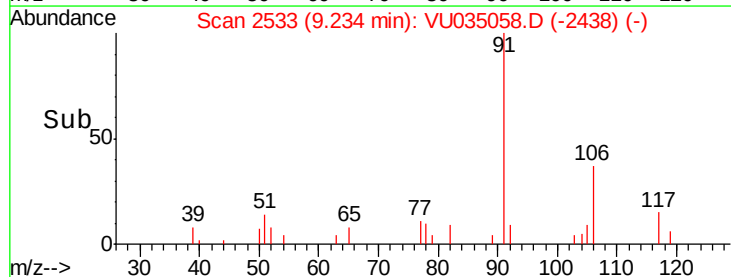
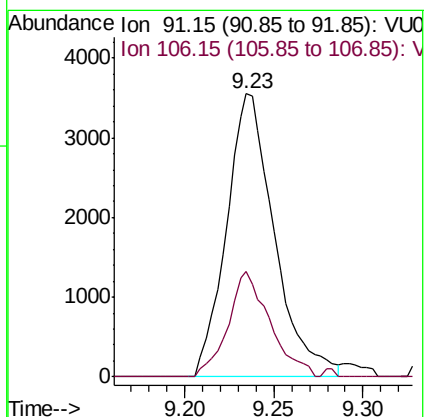
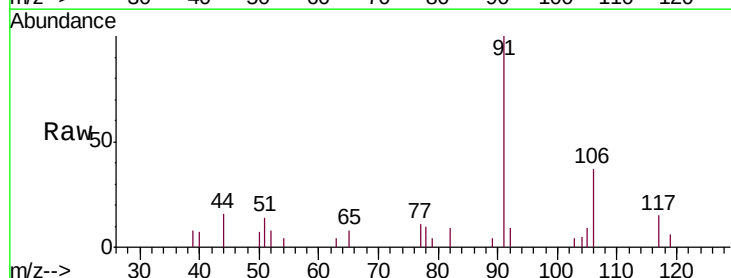
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191003-01

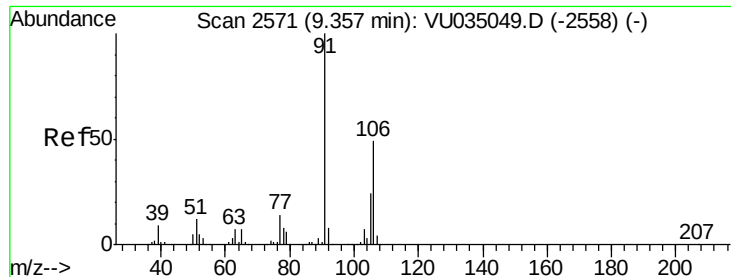
Tgt Ion:	43	Resp:	11334
Ion	Ratio	Lower	Upper
43	100		
58	29.8	44.1	66.1#
57	40.4	15.8	23.8#
100	2.4	9.4	14.2#



#52
Ethylbenzene
Concen: 0.117 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.01 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

Tgt Ion:	91	Resp:	6640
Ion	Ratio	Lower	Upper
91	100		
106	37.4	21.6	40.2

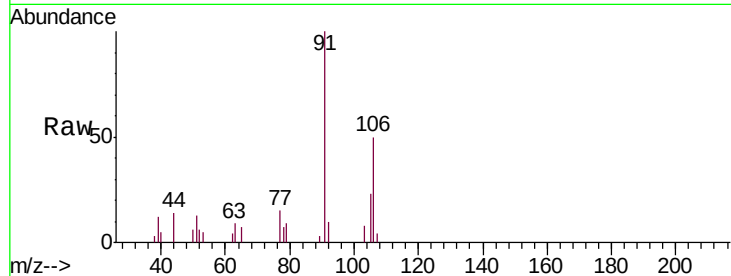




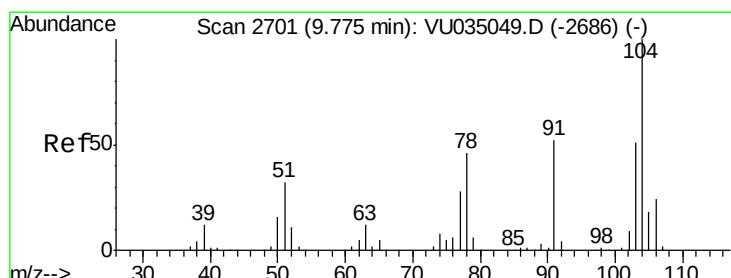
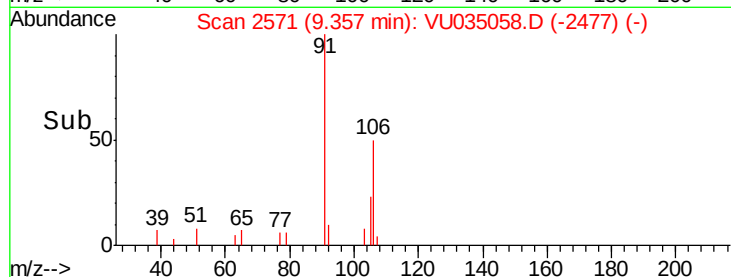
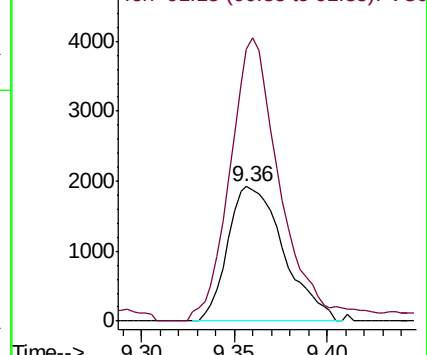
#53
m,p-Xylene
Concen: 0.191 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

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

Tgt Ion:106 Resp: 4013
Ion Ratio Lower Upper
106 100
91 201.8 147.6 274.0

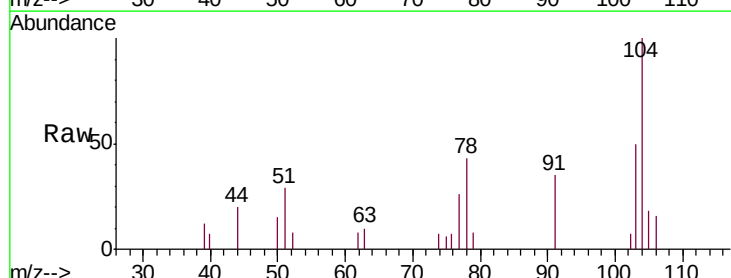


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

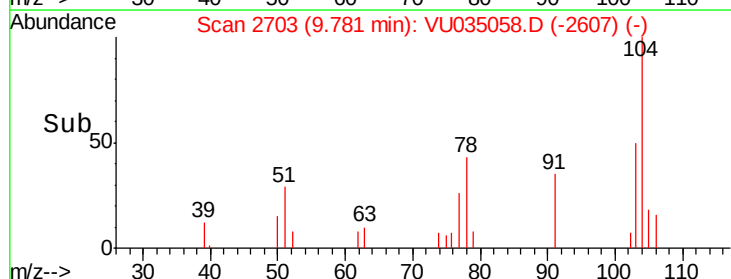
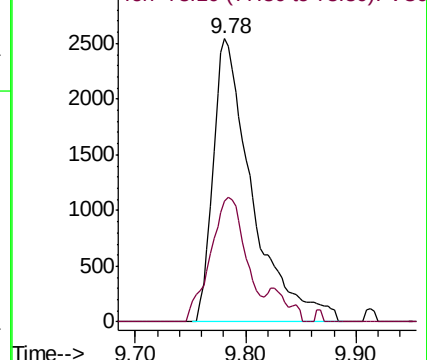


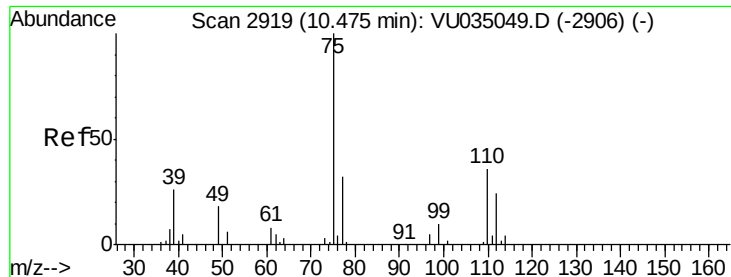
#55
Styrene
Concen: 0.188 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU035058.D
Acq: 10 Oct 2019 19:23

Tgt Ion:104 Resp: 6254
Ion Ratio Lower Upper
104 100
78 42.5 32.8 60.8



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: 0.937 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 1.00 min

Lab File: VU035058.D

Acq: 10 Oct 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

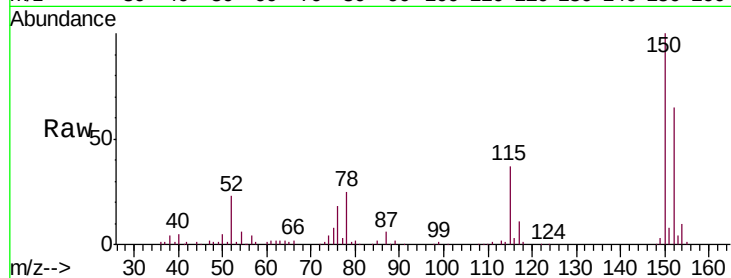
RB-1-191003-01

Tgt Ion: 75 Resp: 8079

Ion Ratio Lower Upper

75 100

77 40.5 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

