

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035120.D
 Acq On : 12 Oct 2019 04:29
 Operator : JC/SP
 Sample : K5309-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:19:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50471	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	49293	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.26	63	75991	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.17	46	147504	50.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.63	84	90840	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.29	65	54823	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.32	84	189308	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	67557	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.55	98	167311	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.84	79	17674	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.31	63	103821	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56581	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	56909	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

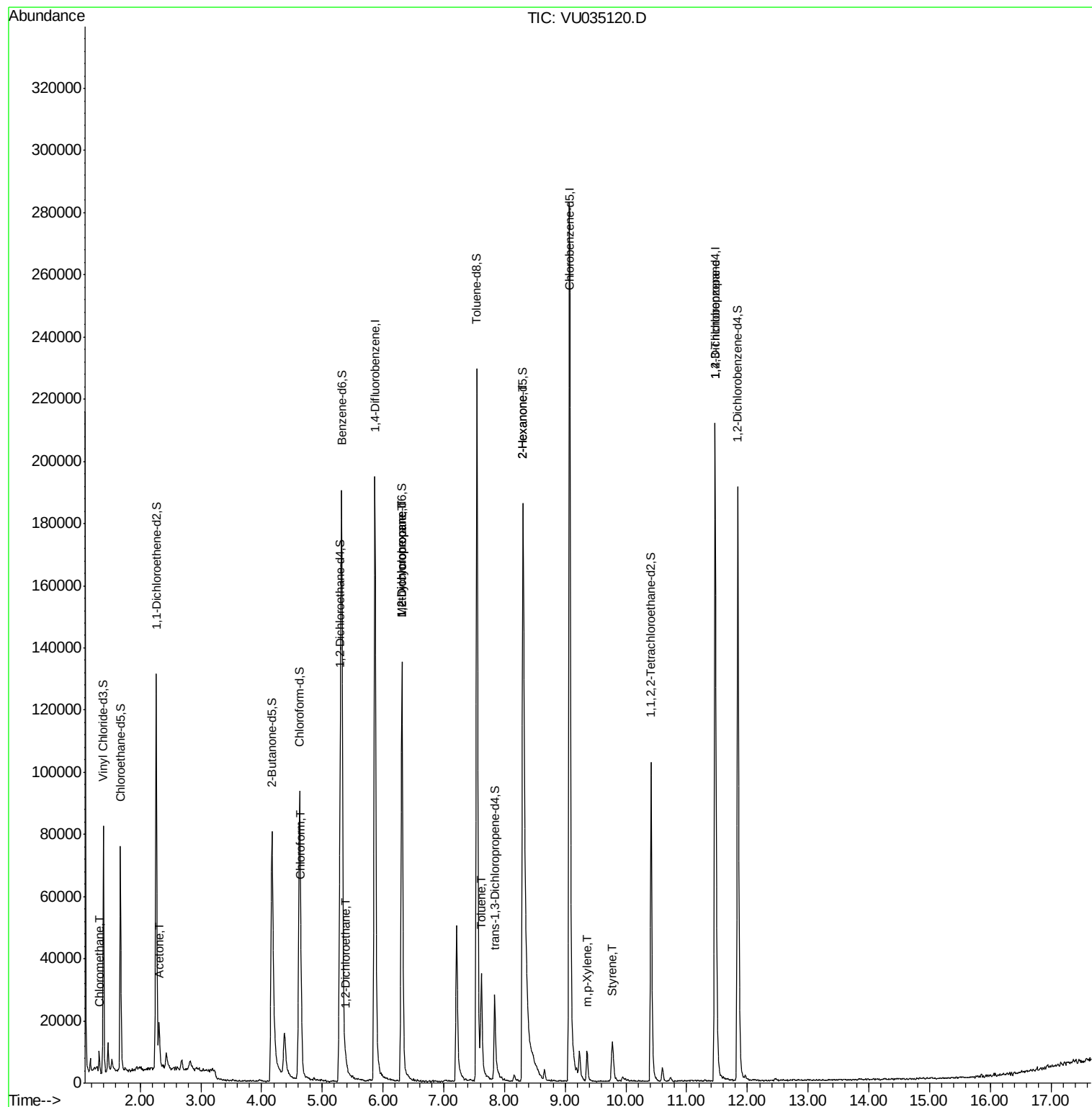
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	4492	0.268	ug/L	98
13) Acetone	2.31	43	14830	6.212	ug/L	95
25) Chloroform	4.66	83	11813	0.459	ug/L	99
27) 1,2-Dichloroethane	5.39	62	1863	0.124	ug/L #	86
35) Methylcyclohexane	6.31	83	14455	0.656	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7889	0.554	ug/L #	88
42) Toluene	7.62	91	24898	0.452	ug/L	97
48) 2-Hexanone	8.31	43	12026	1.958	ug/L #	65
53) m,p-Xylene	9.36	106	3354	0.149	ug/L	85
55) Styrene	9.78	104	6468	0.182	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	9150	0.993	ug/L	99

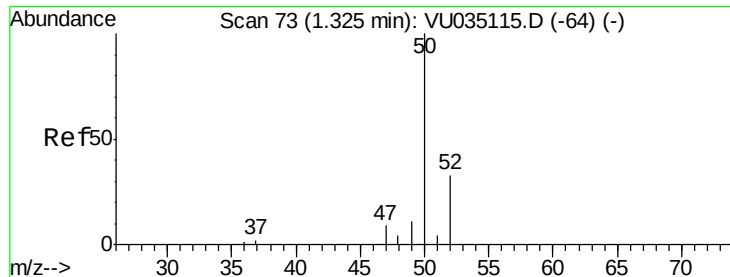
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035120.D
Acq On : 12 Oct 2019 04:29
Operator : JC/SP
Sample : K5309-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 14 01:19:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.268 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035120.D

Acq: 12 Oct 2019 04:29

Instrument :

MSVOA_U

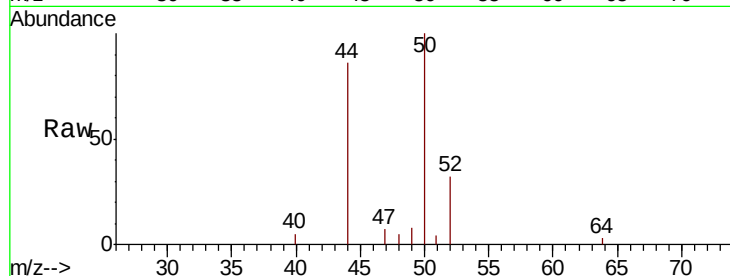
ClientSampleId :

Tot Ion: 50 Resp: 4492

Ion Ratio Lower Upper

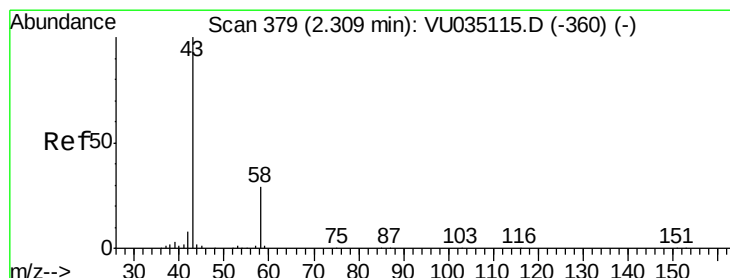
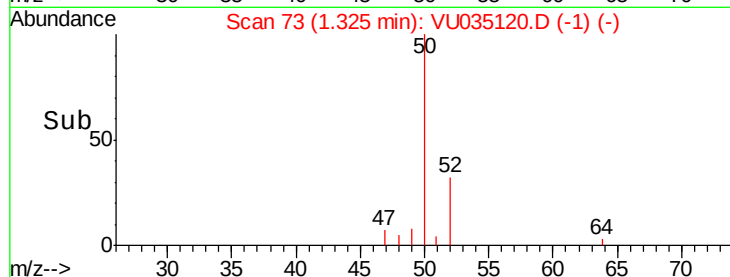
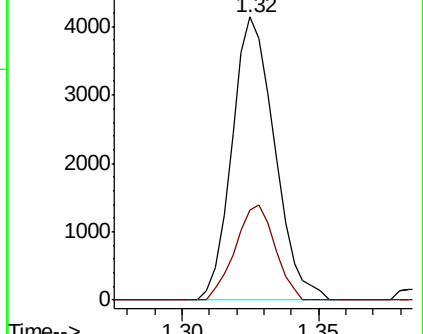
50 100

52 31.9 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035115.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035115.D (-64) (-)



#13

Acetone

Concen: 6.212 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035120.D

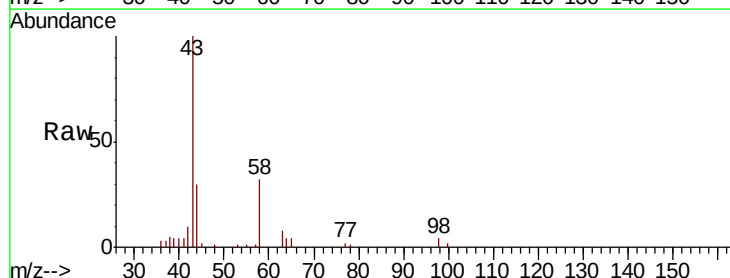
Acq: 12 Oct 2019 04:29

Tgt Ion: 43 Resp: 14830

Ion Ratio Lower Upper

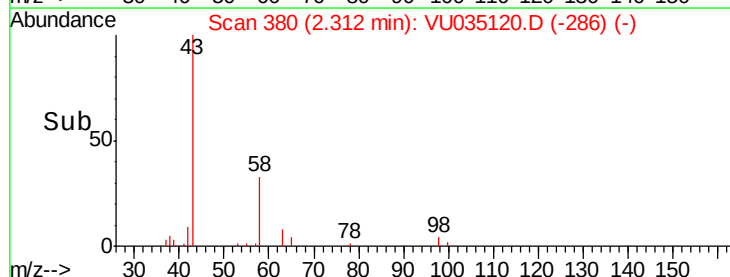
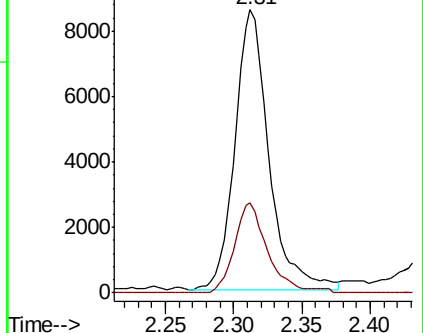
43 100

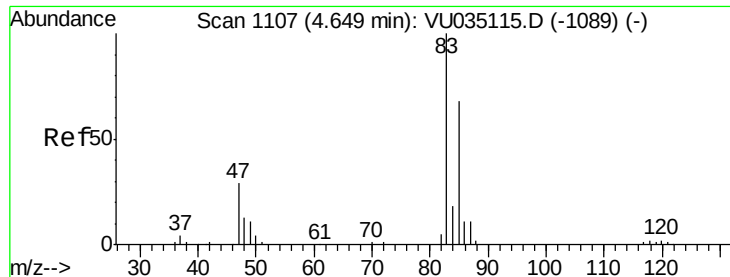
58 30.6 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-360) (-)

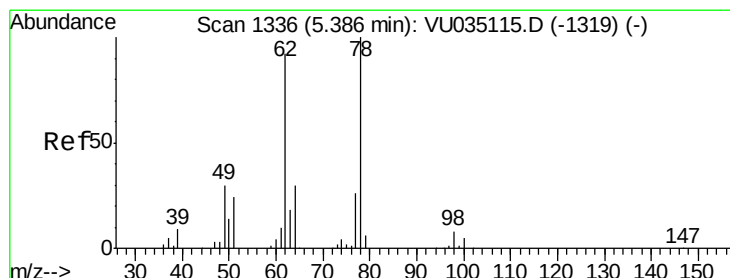
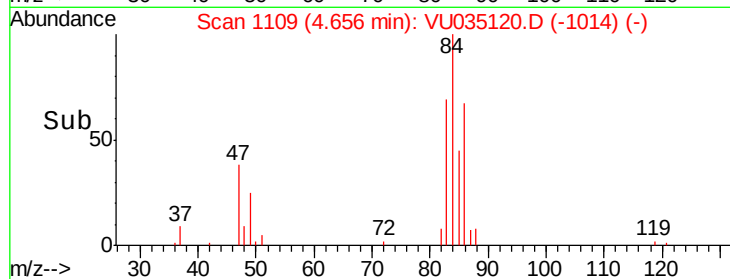
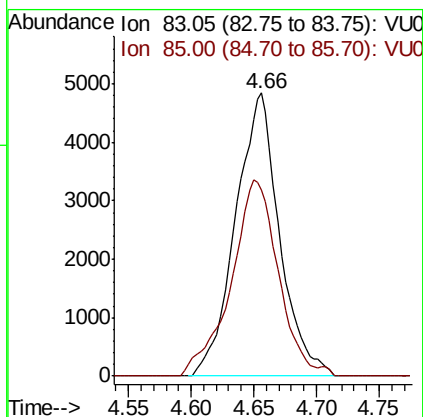
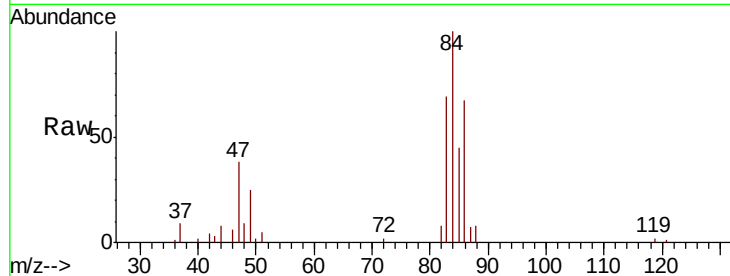




#25
Chloroform
Concen: 0.459 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

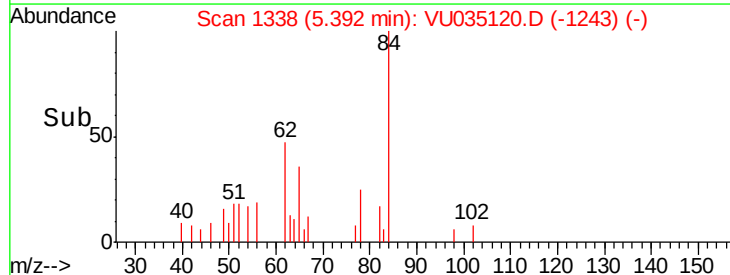
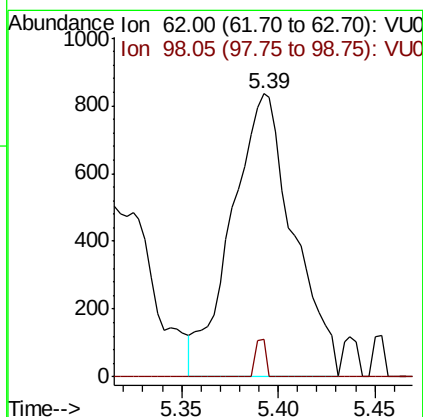
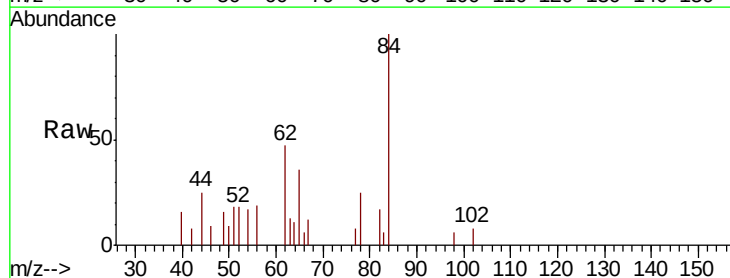
Instrument :
MSVOA_U
ClientSampleId :

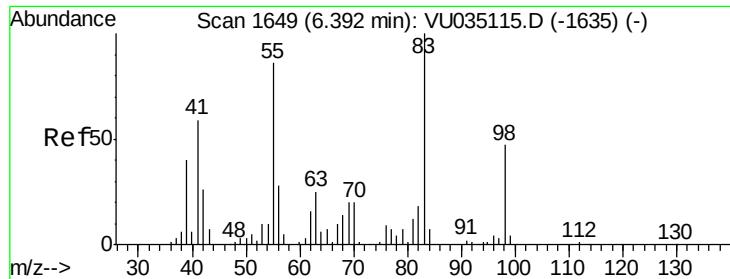
Tot Ion: 83 Resp: 11813
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.124 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion: 62 Resp: 1863
Ion Ratio Lower Upper
62 100
98 13.3 6.6 10.0#

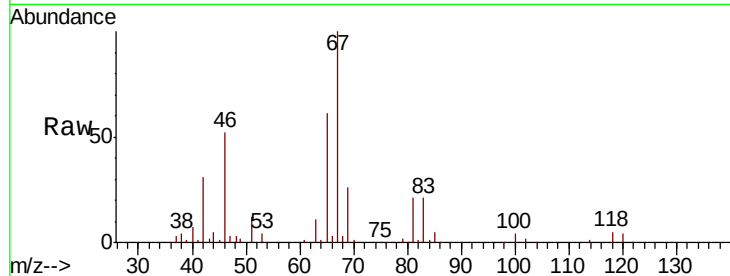




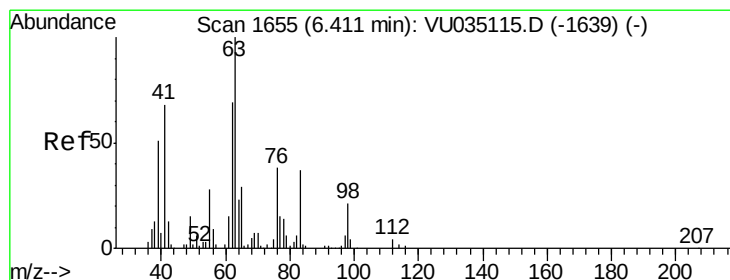
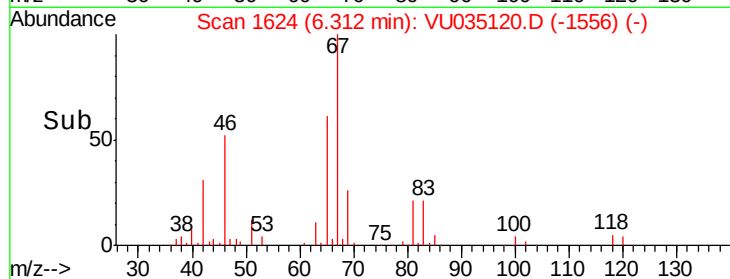
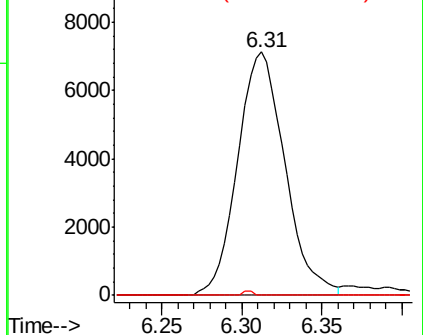
#35
Methylvlcyclohexane
Concen: 0.656 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 14455
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

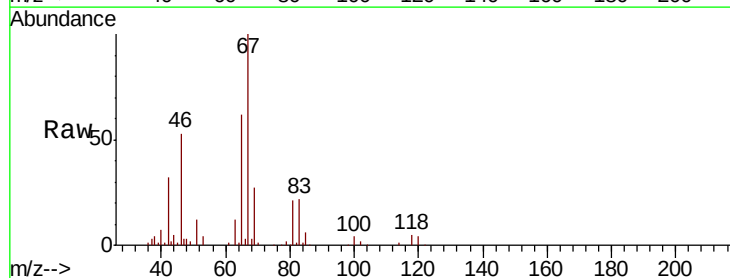


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

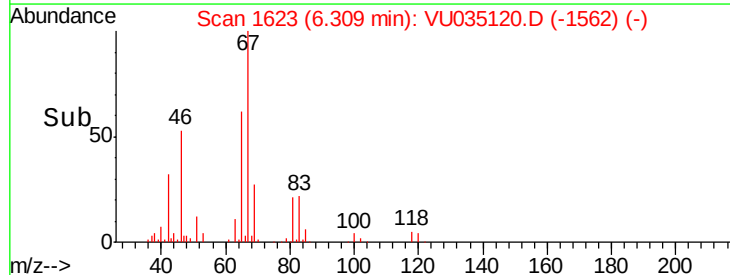
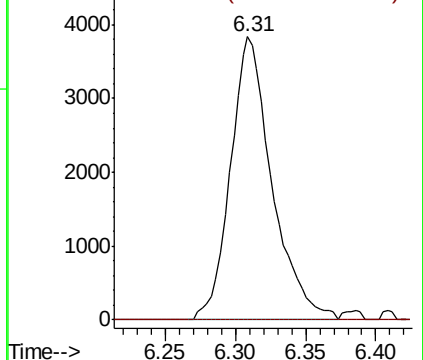


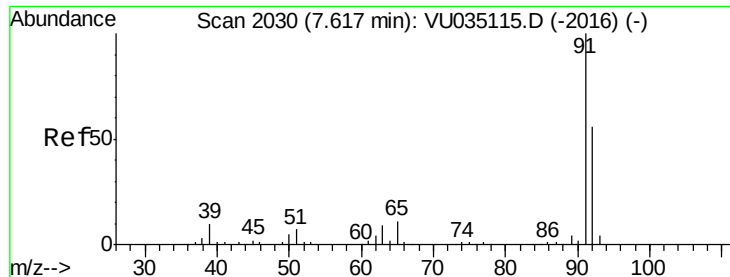
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion: 63 Resp: 7889
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: 0.452 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035120.D

Acq: 12 Oct 2019 04:29

Instrument :

MSVOA_U

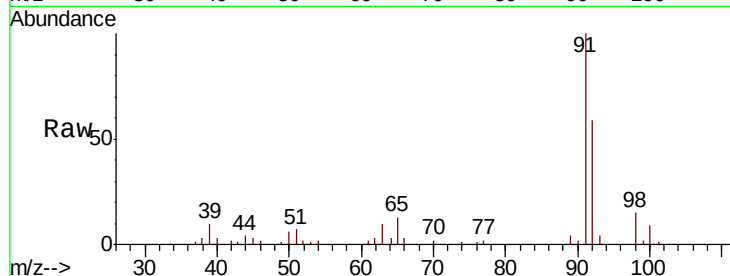
ClientSampled :

Tot Ion: 91 Resp: 24898

Ion Ratio Lower Upper

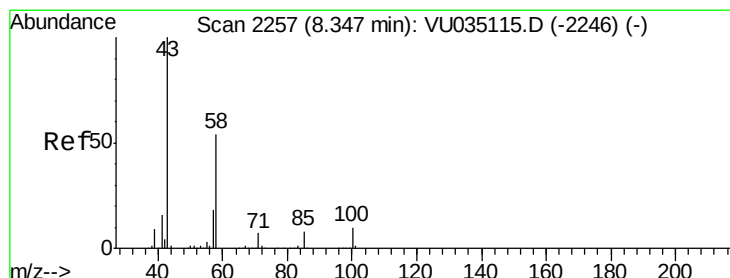
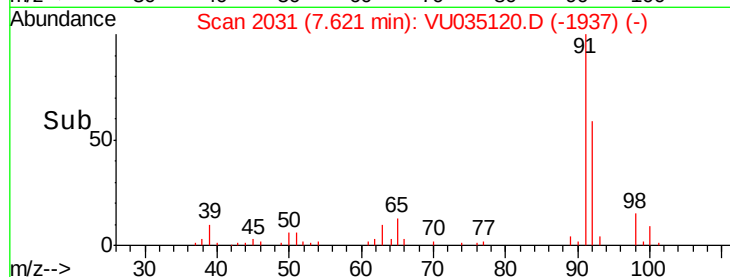
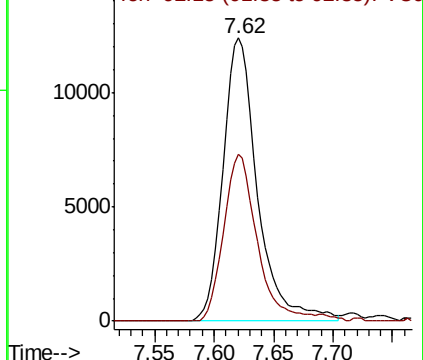
91 100

92 58.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035115.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU035115.D (-2016) (-)



#48

2-Hexanone

Concen: 1.958 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.04 min

Lab File: VU035120.D

Acq: 12 Oct 2019 04:29

Tgt Ion: 43 Resp: 12026

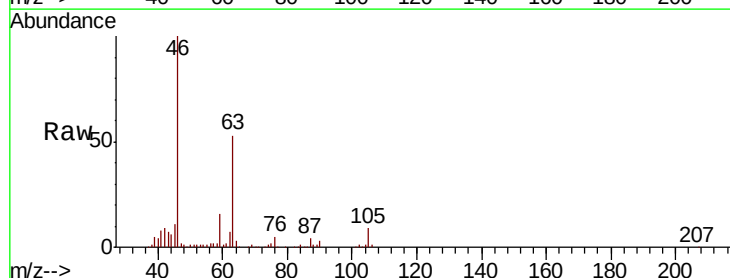
Ion Ratio Lower Upper

43 100

58 26.2 44.1 66.1#

57 31.7 15.8 23.8#

100 0.3 9.4 14.2#

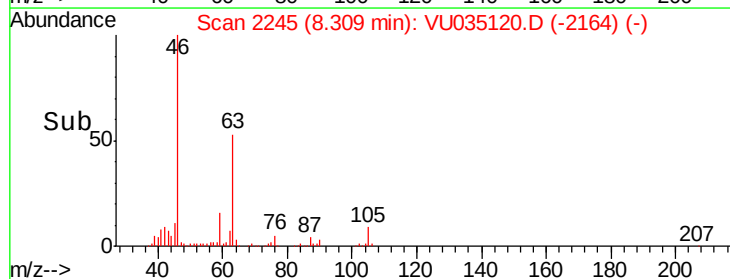
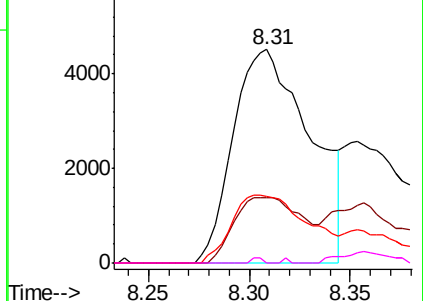


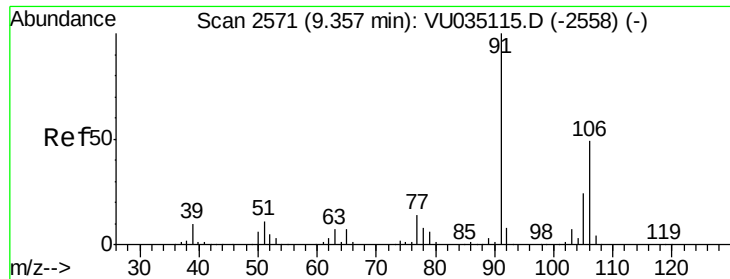
Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-2246) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-2246) (-)

Ion 57.20 (56.90 to 57.90): VU035115.D (-2246) (-)

Ion 100.15 (99.85 to 100.85): VU035115.D (-2246) (-)

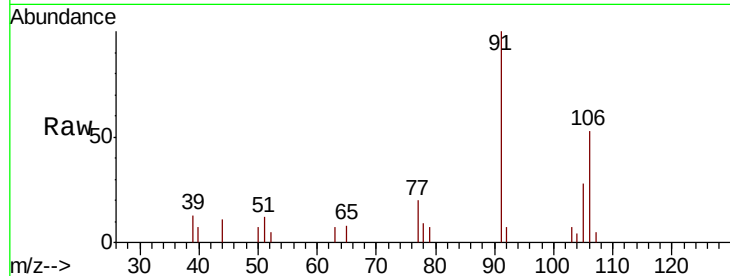




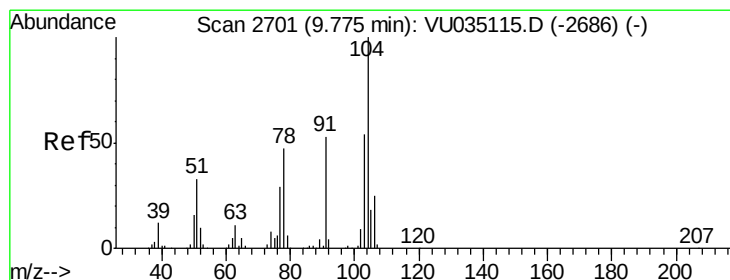
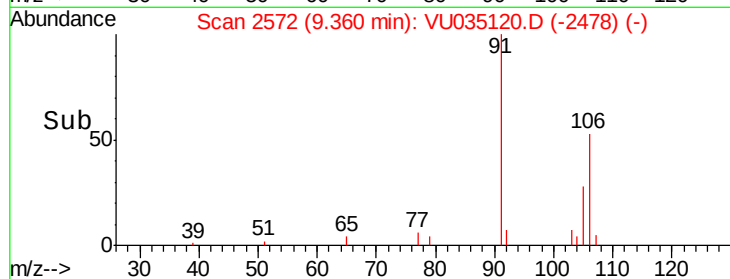
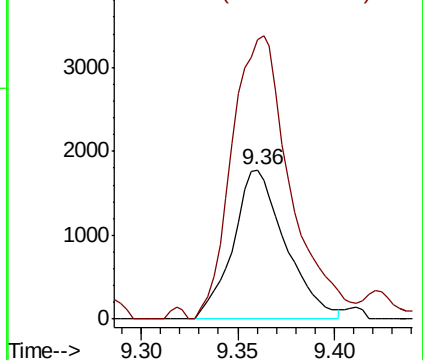
#53
m,p-Xylene
Concen: 0.149 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 3354
Ion Ratio Lower Upper
106 100
91 187.7 147.6 274.0

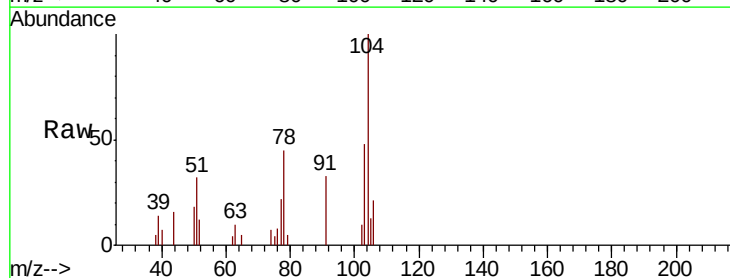


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

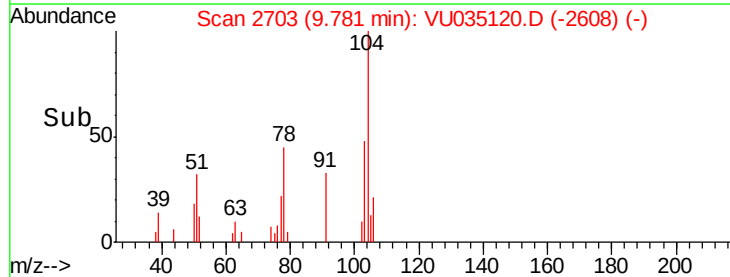
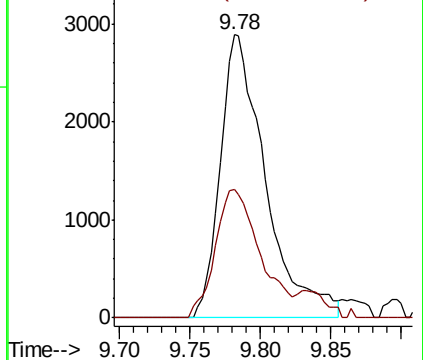


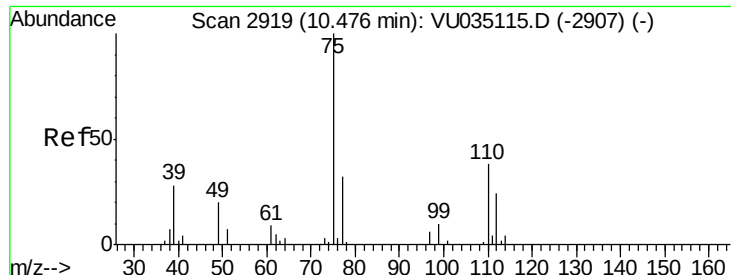
#55
Styrene
Concen: 0.182 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion:104 Resp: 6468
Ion Ratio Lower Upper
104 100
78 45.4 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: 0.993 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035120.D

Acq: 12 Oct 2019 04:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9150

Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

