

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039856.D
 Acq On : 13 Aug 2020 17:16
 Operator : SY/MD
 Sample : L3683-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0C1

Quant Time: Aug 14 01:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66671	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32360	5.00	ug/L	0.00

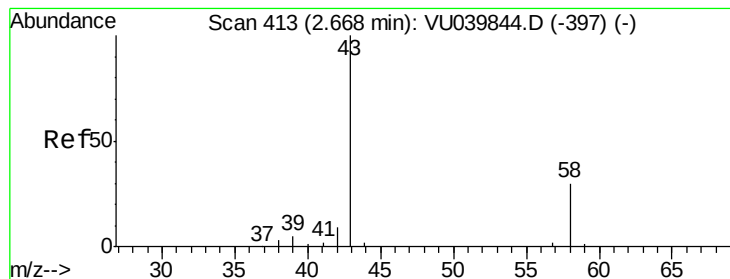
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18120	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.92	69	18742	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.58	63	26163	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.65	46	81421	51.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	5.08	84	41341	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	27400	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	79702	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	26750	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	63511	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	9617	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	57154	50.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24735	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	29707	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	1972	2.112	ug/L	62
16) Methylene chloride	3.06	84	420	0.066	ug/L	90
25) Chloroform	5.11	83	3413	0.388	ug/L	98
34) Trichloroethene	6.27	95	1245	0.262	ug/L #	4
35) Methylcyclohexane	6.70	83	6444	0.850	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	2926	0.602	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	793	0.120	ug/L	88
42) Toluene	7.98	91	1686	0.088	ug/L	96
59) 1,2,3-Trichloropropane	11.81	75	4943	1.410	ug/L	91
63) 1,4-Dichlorobenzene	11.83	146	1509	0.151	ug/L #	82

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



#13

Acetone

Concen: 2.112 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.02 min

Lab File: VU039856.D

Acq: 13 Aug 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

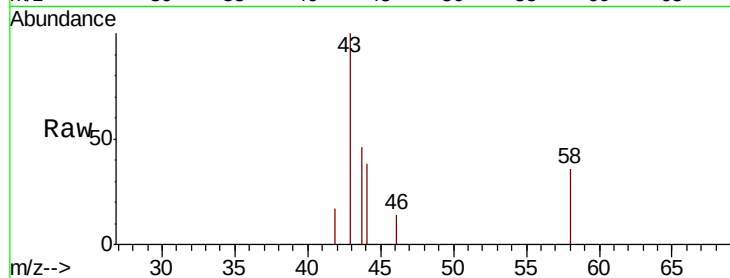
BG0C1

Tot Ion: 43 Resp: 1972

Ion Ratio Lower Upper

43 100

58 9.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039844.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039844.D (-397) (-)

2.65

1200

1000

800

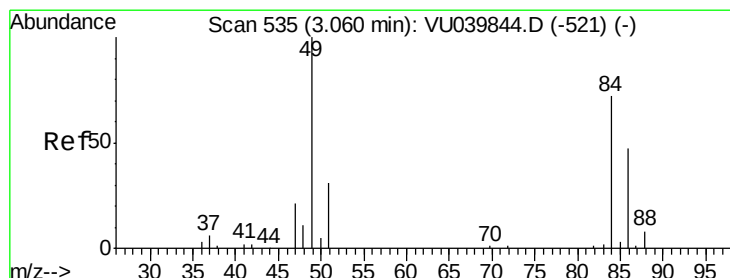
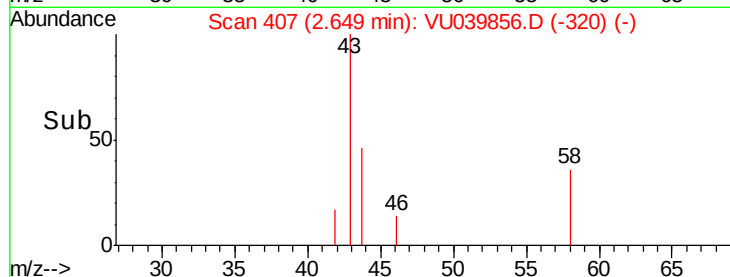
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.066 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039856.D

Acq: 13 Aug 2020 17:16

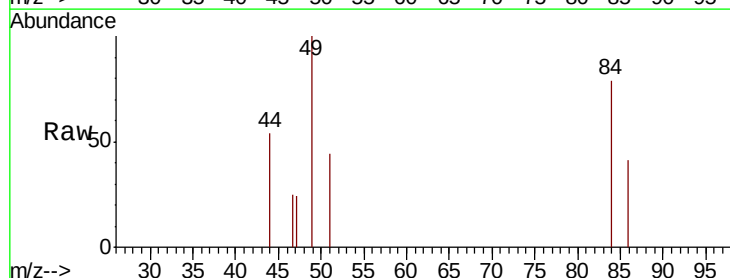
Tgt Ion: 84 Resp: 420

Ion Ratio Lower Upper

84 100

86 51.6 43.9 81.5

49 126.2 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU039844.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU039844.D (-521) (-)

Ion 49.10 (48.80 to 49.80): VU039844.D (-521) (-)

3.06

600

500

400

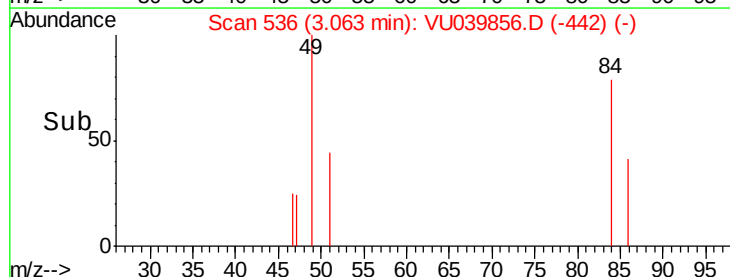
300

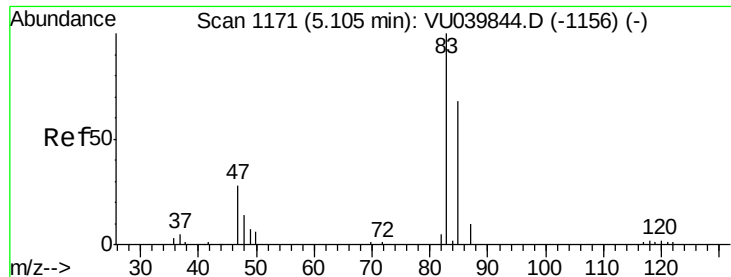
200

100

0

Time-->

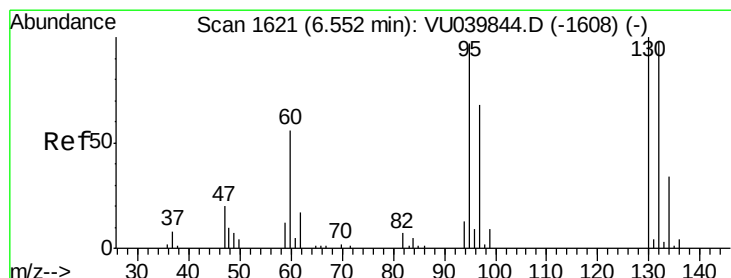
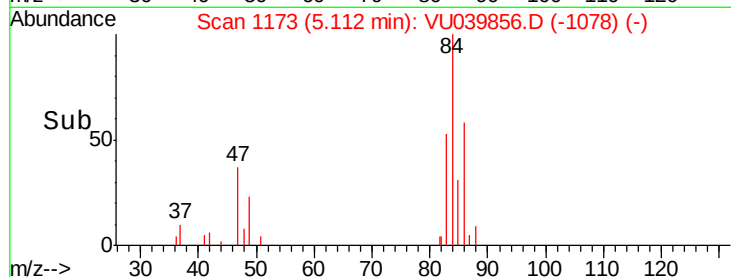
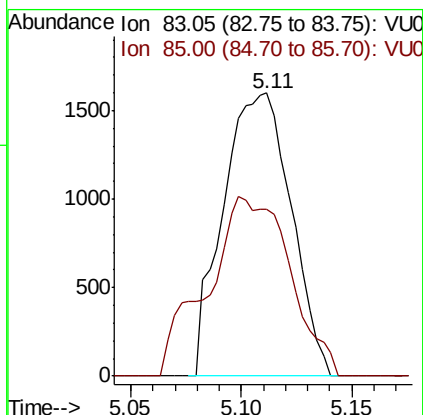
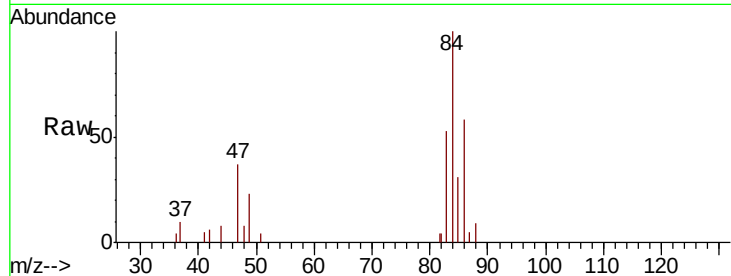




#25
Chloroform
Concen: 0.388 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039856.D
Acq: 13 Aug 2020 17:16

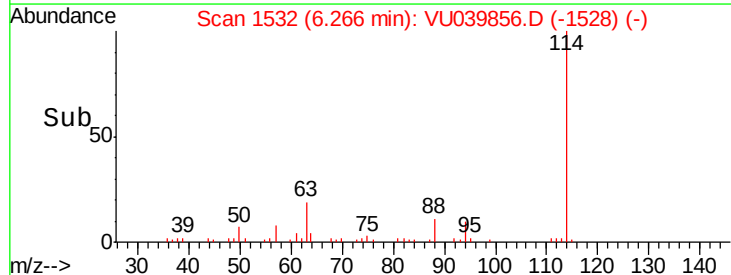
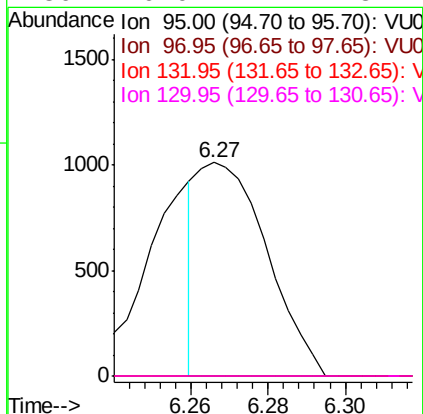
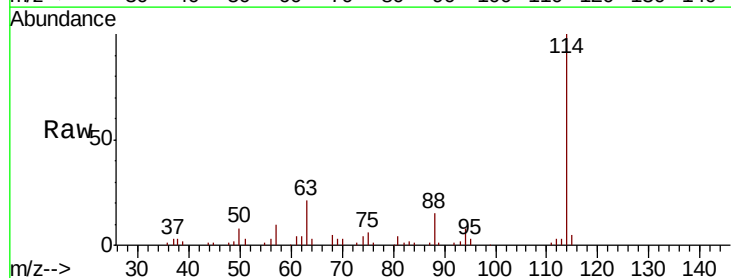
Instrument :
MSVOA_U
ClientSampled :
BG0C1

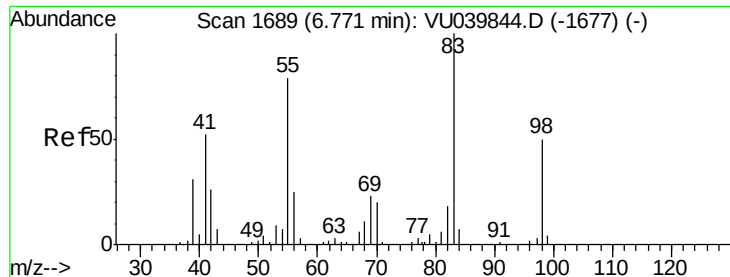
Tot Ion: 83 Resp: 3413
Ion Ratio Lower Upper
83 100
85 59.0 42.1 78.3



#34
Trichloroethene
Concen: 0.262 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU039856.D
Acq: 13 Aug 2020 17:16

Tgt Ion: 95 Resp: 1245
Ion Ratio Lower Upper
95 100
97 0.0 44.0 81.8#
132 0.0 71.7 133.3#
130 0.0 71.1 132.1#

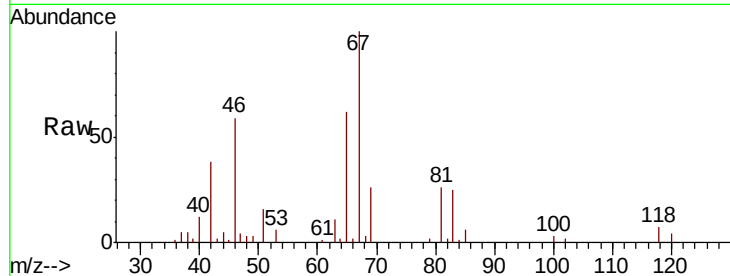




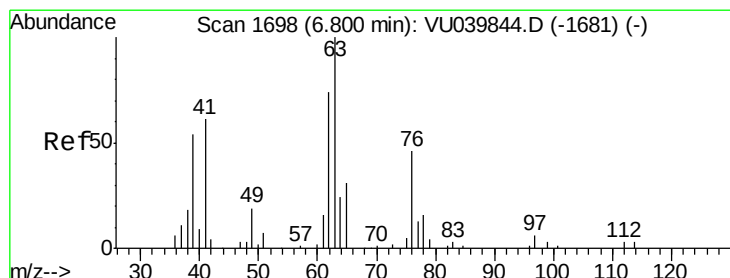
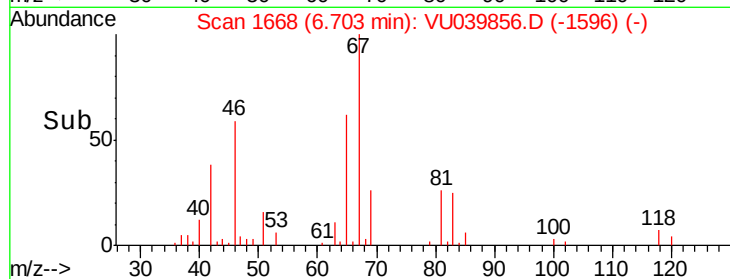
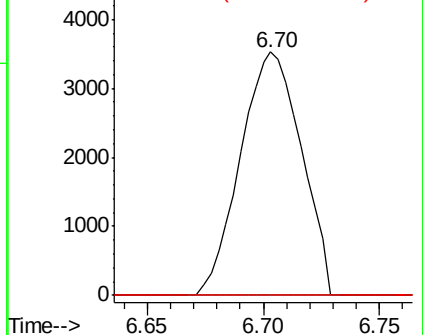
#35
Methylvlcyclohexane
Concen: 0.850 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039856.D
Acq: 13 Aug 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
BG0C1

Tot Ion: 83 Resp: 6444
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

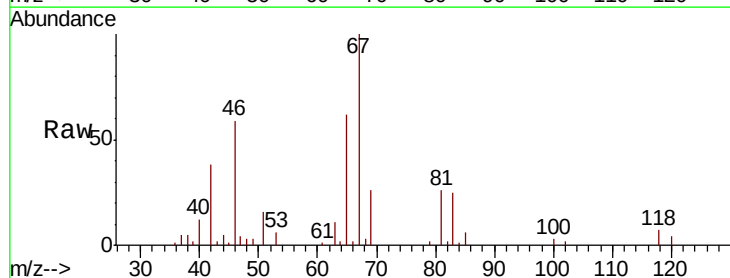


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

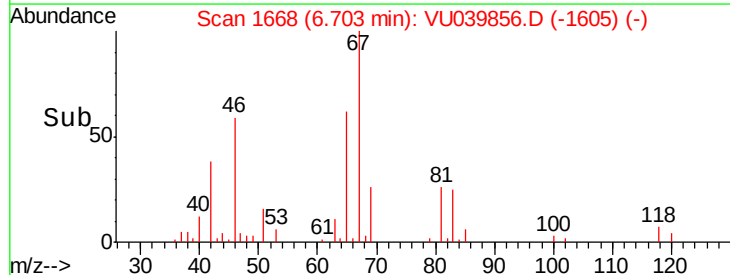
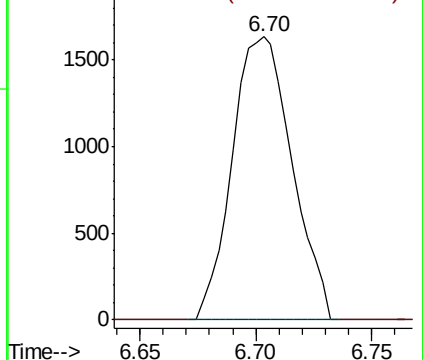


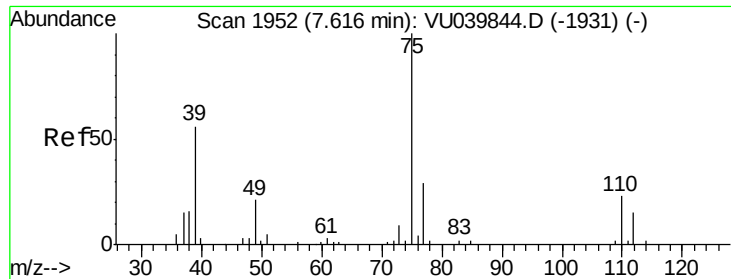
#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039856.D
Acq: 13 Aug 2020 17:16

Tgt Ion: 63 Resp: 2926
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

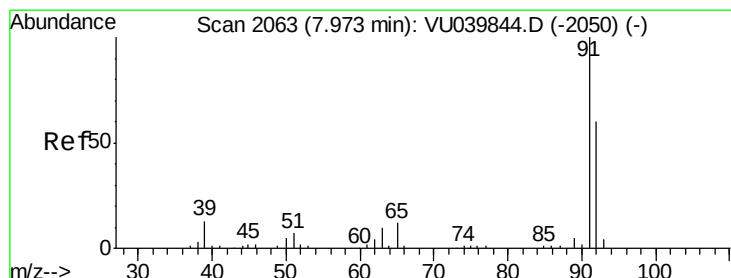
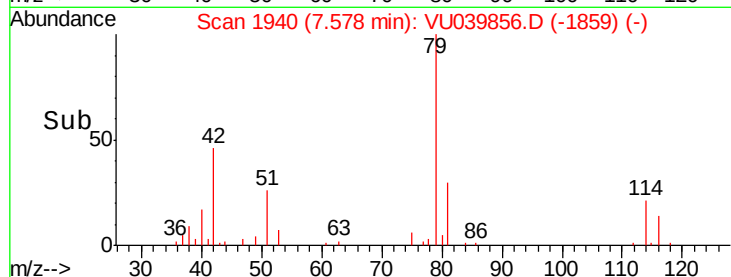
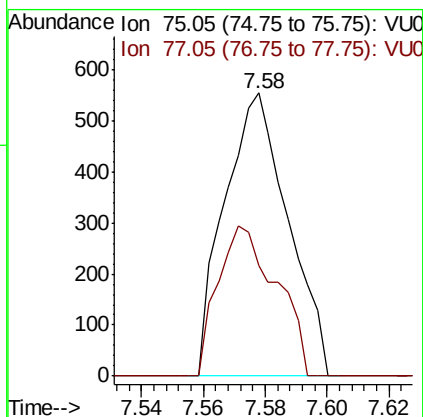
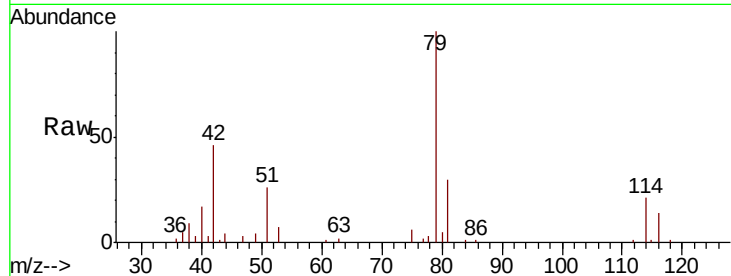




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039856.D
 Acq: 13 Aug 2020 17:16

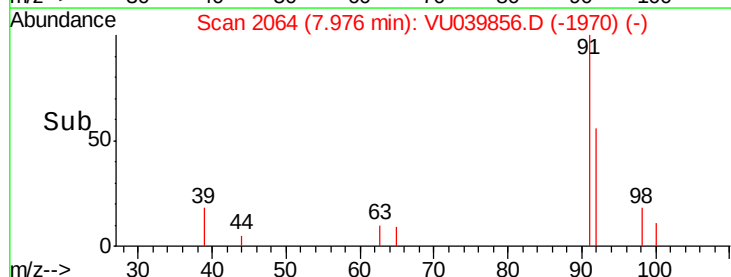
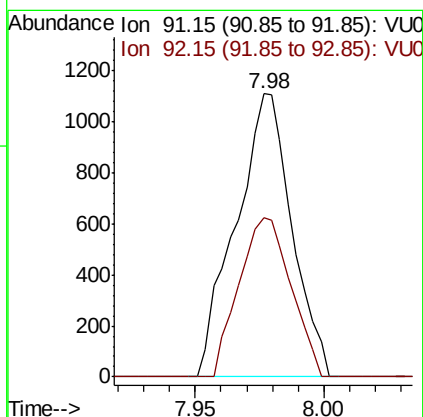
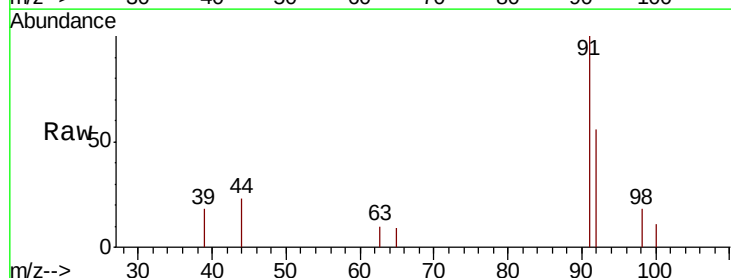
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0C1

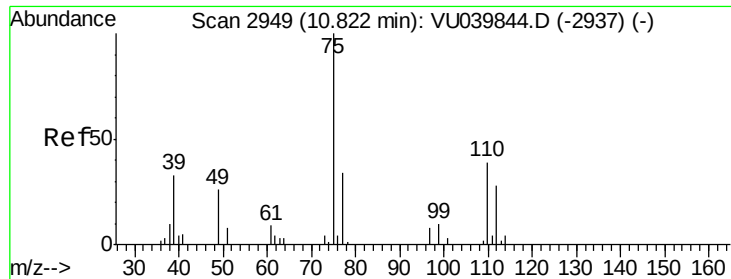
Tot Ion: 75 Resp: 793
 Ion Ratio Lower Upper
 75 100
 77 38.9 22.4 41.6



#42
 Toluene
 Concen: 0.088 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU039856.D
 Acq: 13 Aug 2020 17:16

Tgt Ion: 91 Resp: 1686
 Ion Ratio Lower Upper
 91 100
 92 56.4 41.6 77.3

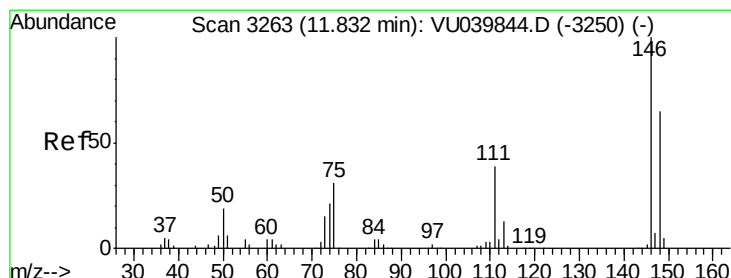
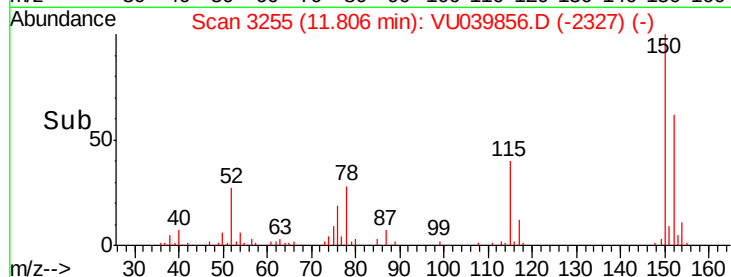
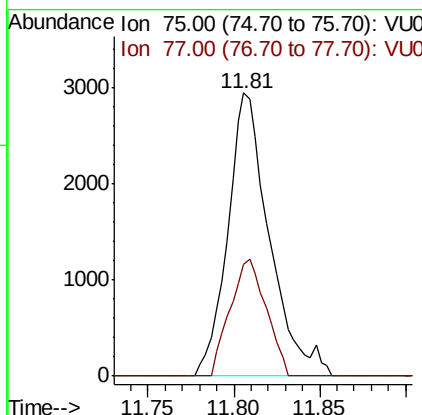
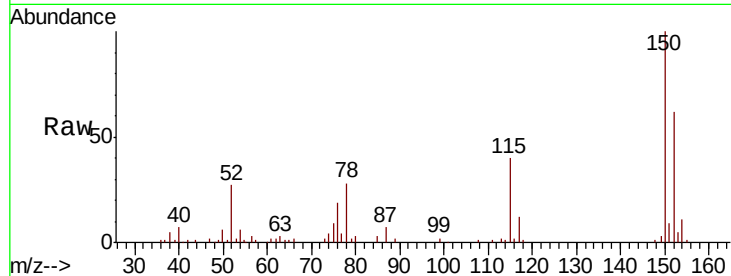




#59
 1,2,3-Trichloropropane
 Concen: 1.410 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039856.D
 Acq: 13 Aug 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0C1

Tot Ion: 75 Resp: 4943
 Ion Ratio Lower Upper
 75 100
 77 35.7 24.6 37.0



#63
 1,4-Dichlorobenzene
 Concen: 0.151 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039856.D
 Acq: 13 Aug 2020 17:16

Tgt Ion: 146 Resp: 1509
 Ion Ratio Lower Upper
 146 100
 111 59.6 26.5 49.3#
 148 70.5 45.3 84.1

