

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039850.D
 Acq On : 13 Aug 2020 14:53
 Operator : SY/MD
 Sample : L3647-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB7H7

Quant Time: Aug 14 01:49:10 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	76085	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77292	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17134	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	17384	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.58	63	26056	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	74913	41.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.92%
24) Chloroform-d	5.08	84	40237	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.72	65	24830	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
32) Benzene-d6	5.75	84	72432	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.70	67	25728	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.91	98	60322	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.19	79	9173	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.64	63	52599	40.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22910	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28925	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

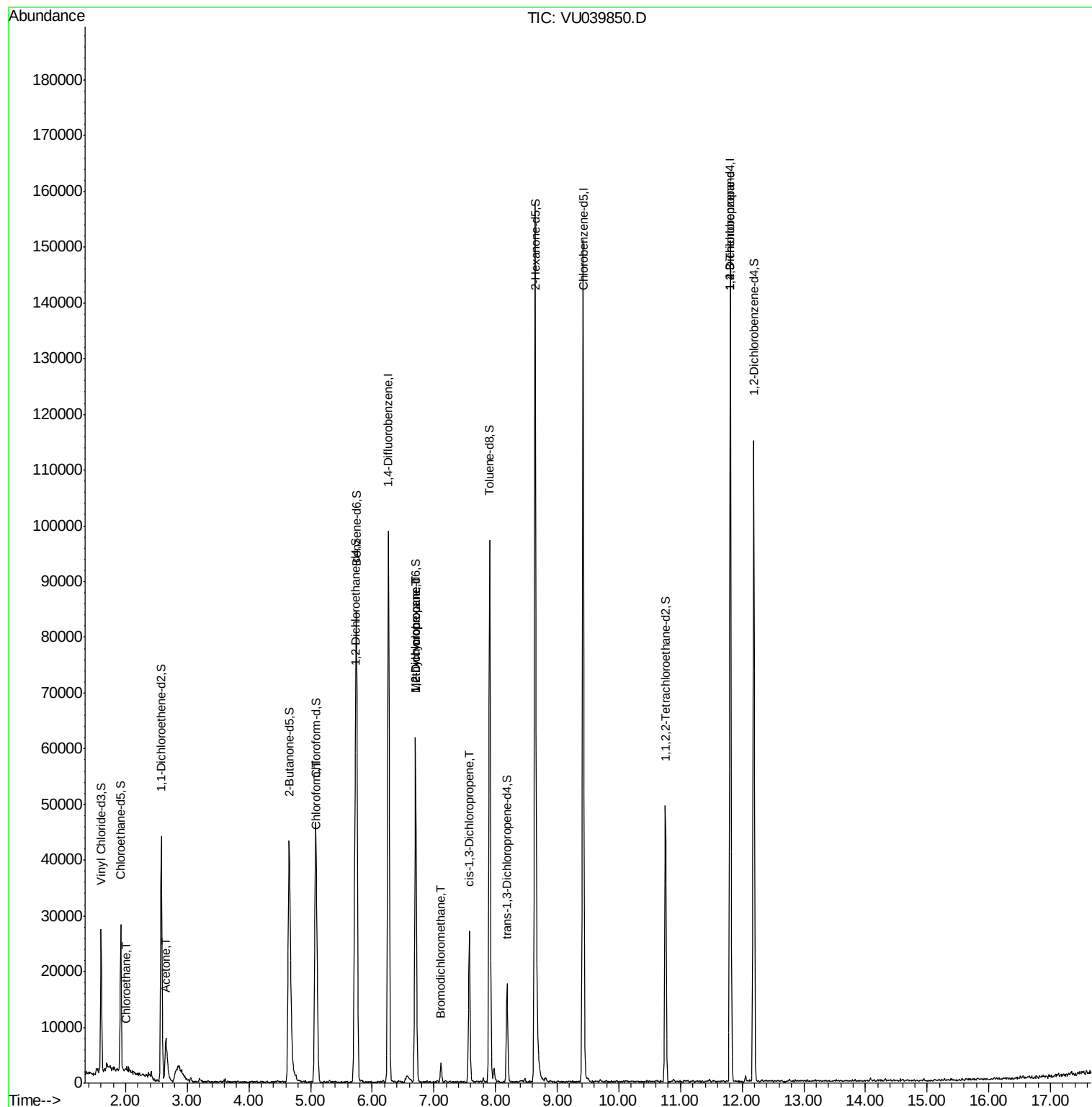
					Ovalue
8) Chloroethane	2.00	64	405	0.089 ug/L	95
13) Acetone	2.66	43	13315	12.499 ug/L	76
25) Chloroform	5.11	83	8021	0.800 ug/L	82
35) Methylcyclohexane	6.70	83	6304	0.722 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	2916	0.521 ug/L #	86
38) Bromodichloromethane	7.11	83	2222	0.304 ug/L #	94
39) cis-1,3-Dichloropropene	7.58	75	770	0.101 ug/L #	56
59) 1,2,3-Trichloropropane	11.81	75	4976	1.233 ug/L #	80

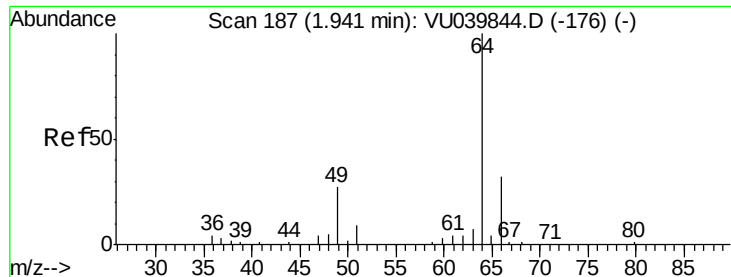
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.089 ug/L

RT: 2.00 min Scan# 206

Delta R.T. 0.06 min

Lab File: VU039850.D

Acq: 13 Aug 2020 14:53

Instrument :

MSVOA_U

ClientSampleId :

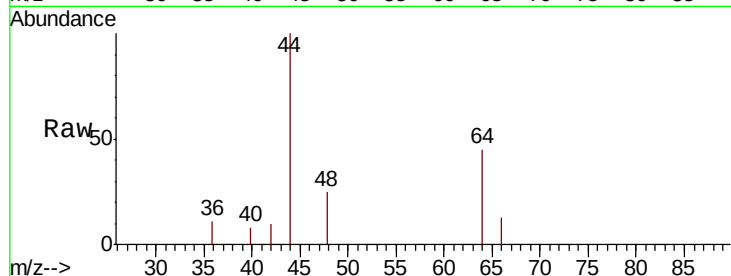
CB7H7

Tot Ion: 64 Resp: 405

Ion Ratio Lower Upper

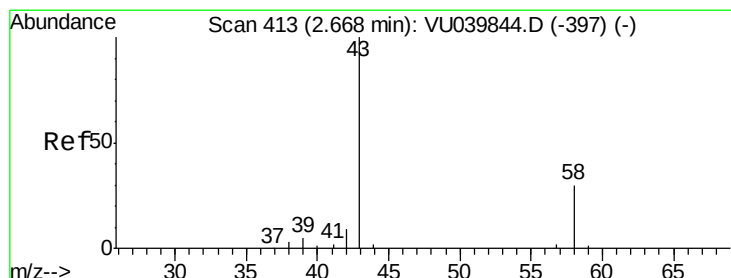
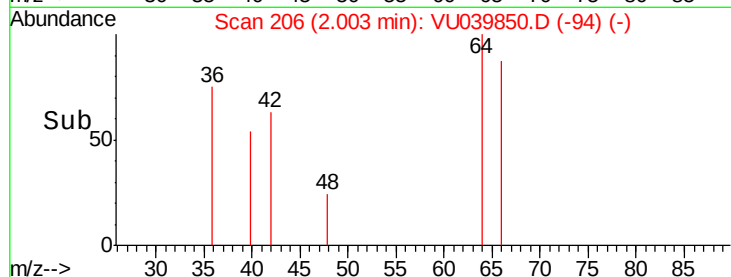
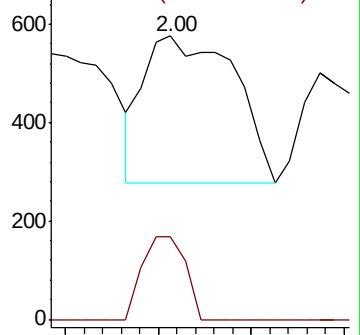
64 100

66 29.2 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 12.499 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039850.D

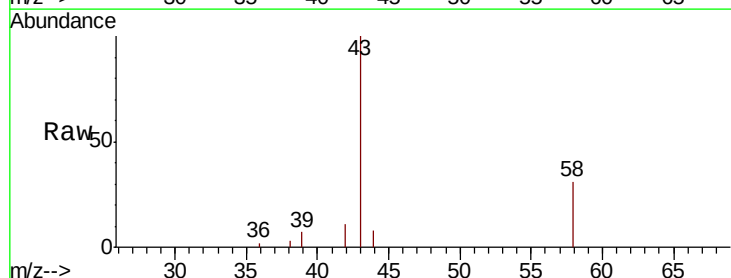
Acq: 13 Aug 2020 14:53

Tgt Ion: 43 Resp: 13315

Ion Ratio Lower Upper

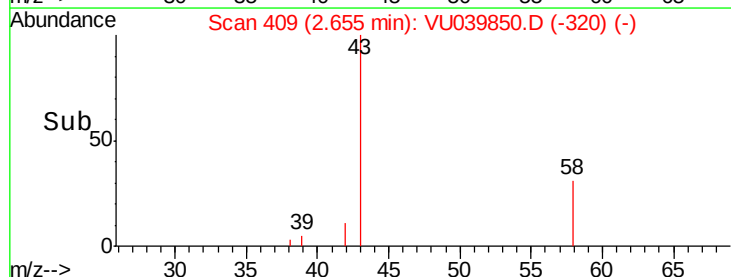
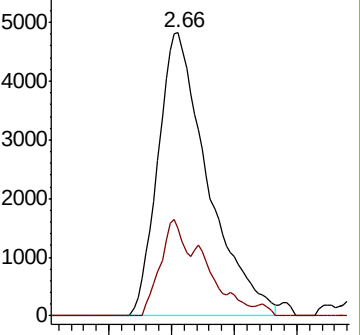
43 100

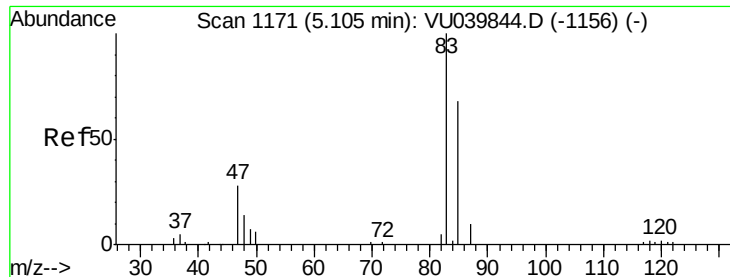
58 17.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

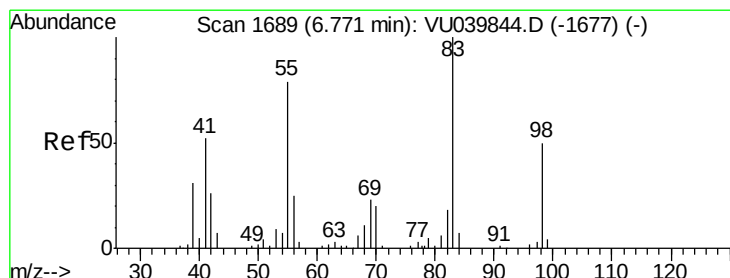
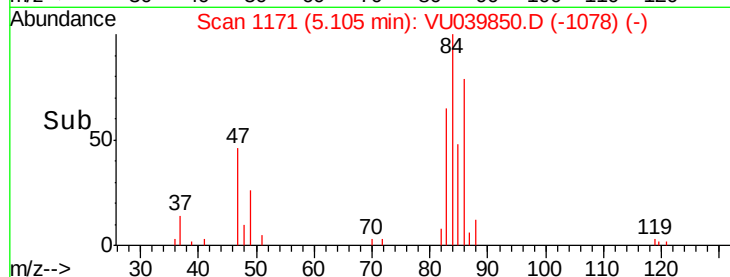
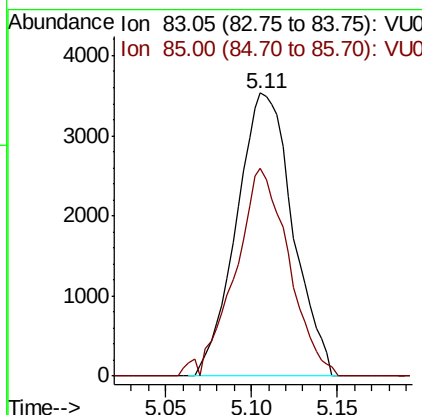
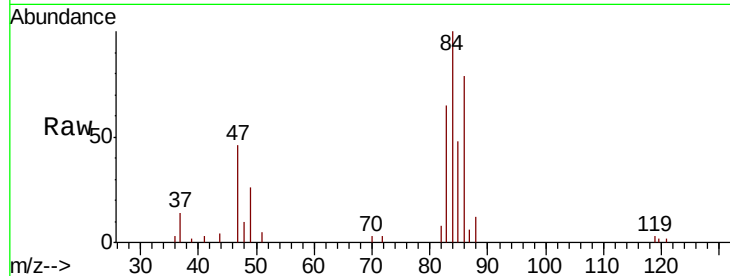




#25
Chloroform
Concen: 0.800 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039850.D
Acq: 13 Aug 2020 14:53

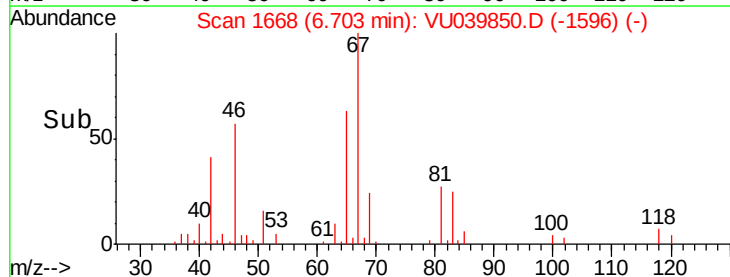
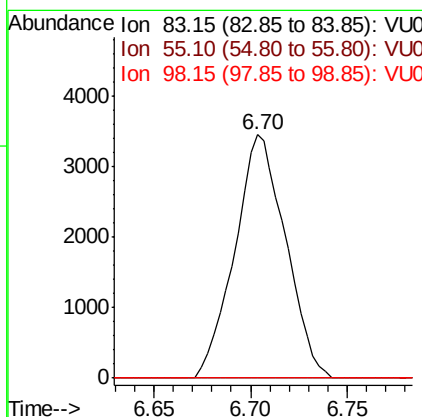
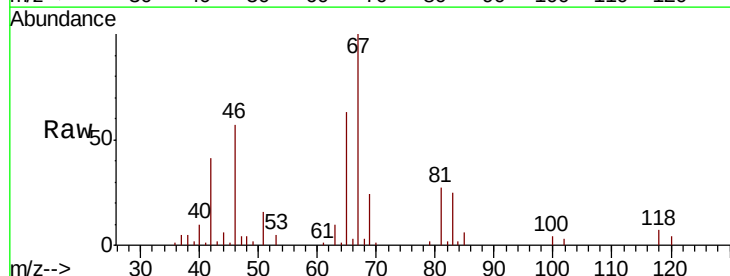
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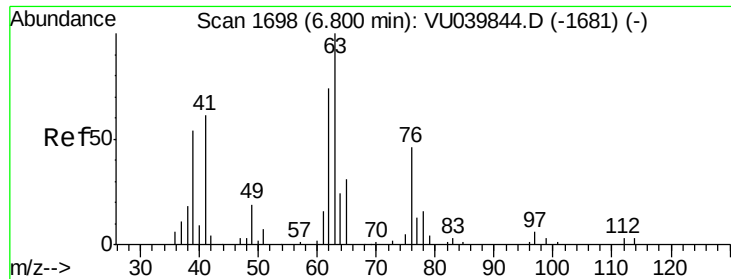
Tot Ion: 83 Resp: 8021
Ion Ratio Lower Upper
83 100
85 73.5 42.1 78.3



#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039850.D
Acq: 13 Aug 2020 14:53

Tgt Ion: 83 Resp: 6304
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#

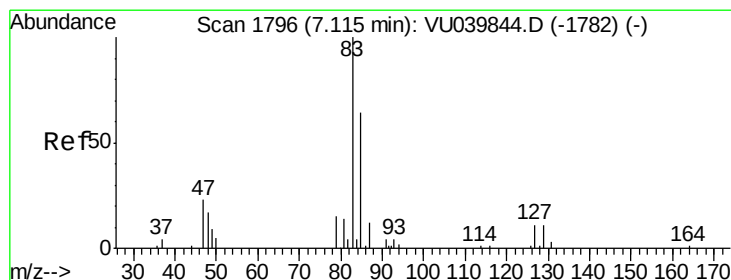
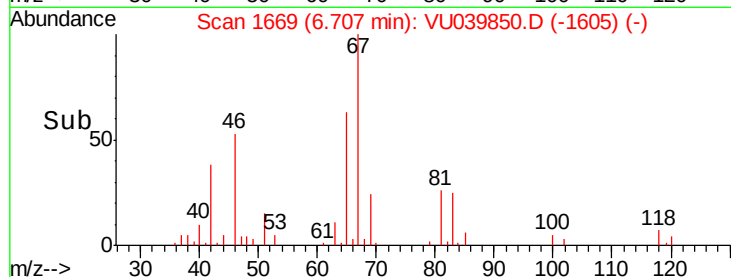
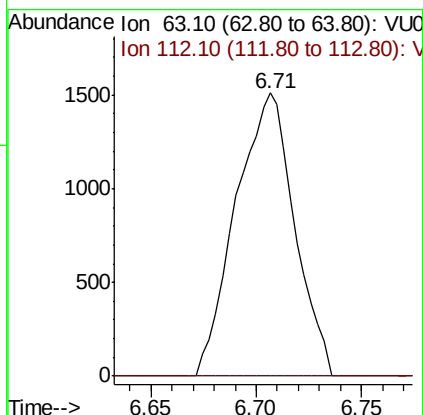
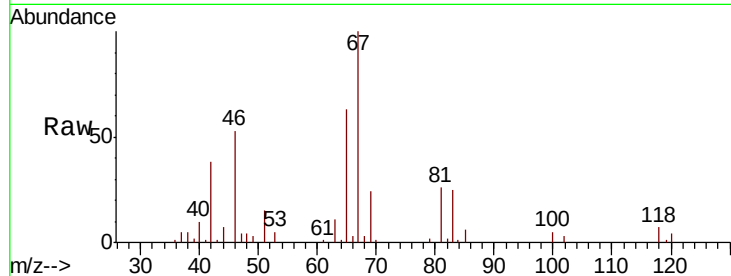




#37
 1,2-Dichloropropane
 Concen: 0.521 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU039850.D
 Acq: 13 Aug 2020 14:53

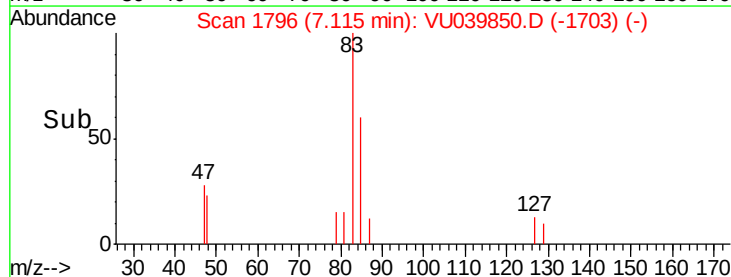
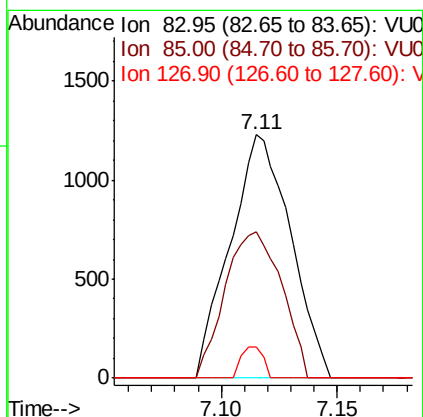
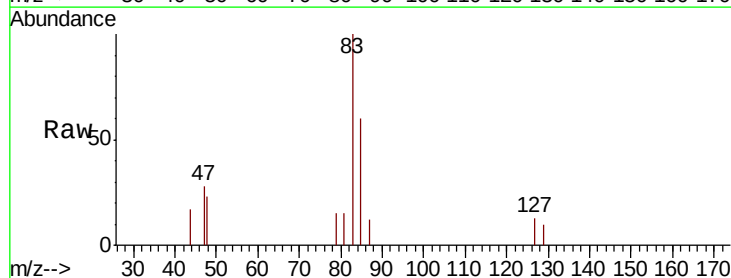
Instrument :
 MSVOA_U
 ClientSampleId :
 CB7H7

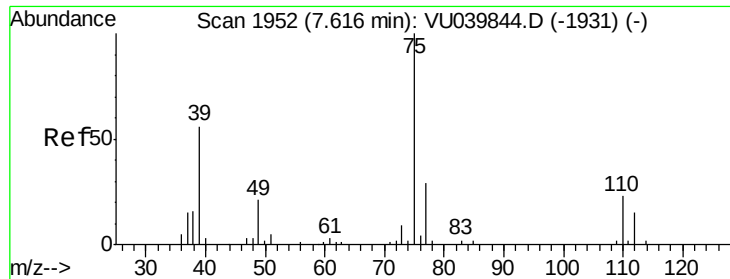
Tot Ion: 63 Resp: 2916
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.304 ug/L
 RT: 7.11 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VU039850.D
 Acq: 13 Aug 2020 14:53

Tgt Ion: 83 Resp: 2222
 Ion Ratio Lower Upper
 83 100
 85 60.0 45.3 84.1
 127 13.0 7.5 11.3#

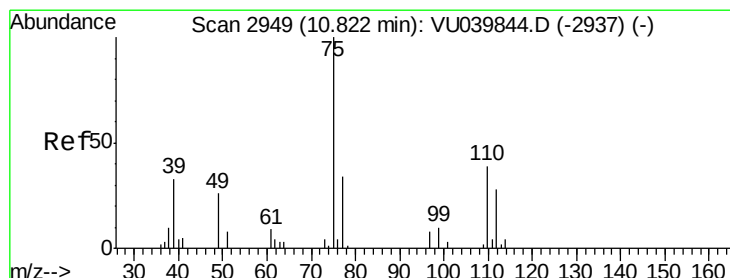
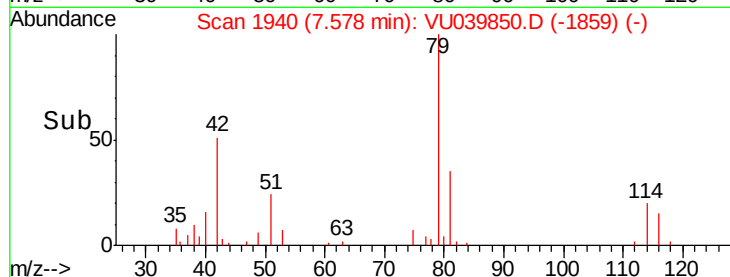
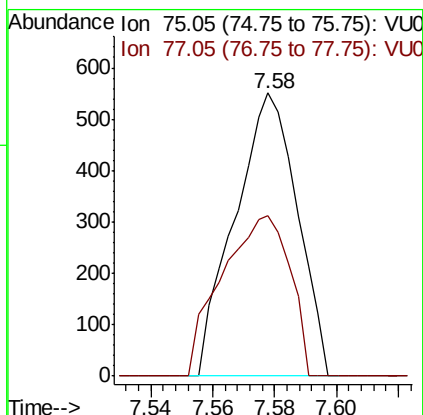
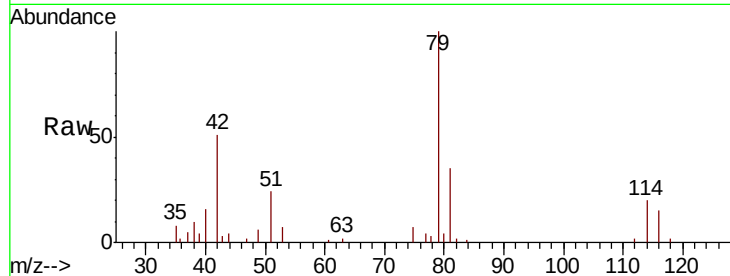




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039850.D
 Acq: 13 Aug 2020 14:53

Instrument :
 MSVOA_U
 ClientSampleId :
 CB7H7

Tot Ion: 75 Resp: 770
 Ion Ratio Lower Upper
 75 100
 77 56.4 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.233 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039850.D
 Acq: 13 Aug 2020 14:53

Tgt Ion: 75 Resp: 4976
 Ion Ratio Lower Upper
 75 100
 77 41.6 24.6 37.0#

