

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081020\
 Data File : VU039825.D
 Acq On : 10 Aug 2020 15:35
 Operator : SY/MD
 Sample : L3572-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 04:59:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 04:57:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	86123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20638	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	22031	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	30713	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.65	46	68182	33.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.66%
24) Chloroform-d	5.08	84	41705	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.80%
26) 1,2-Dichloroethane-d4	5.72	65	25296	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
32) Benzene-d6	5.74	84	83340	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.70	67	27525	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.90	98	68885	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	8881	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.64	63	46818	33.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21411	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	29941	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

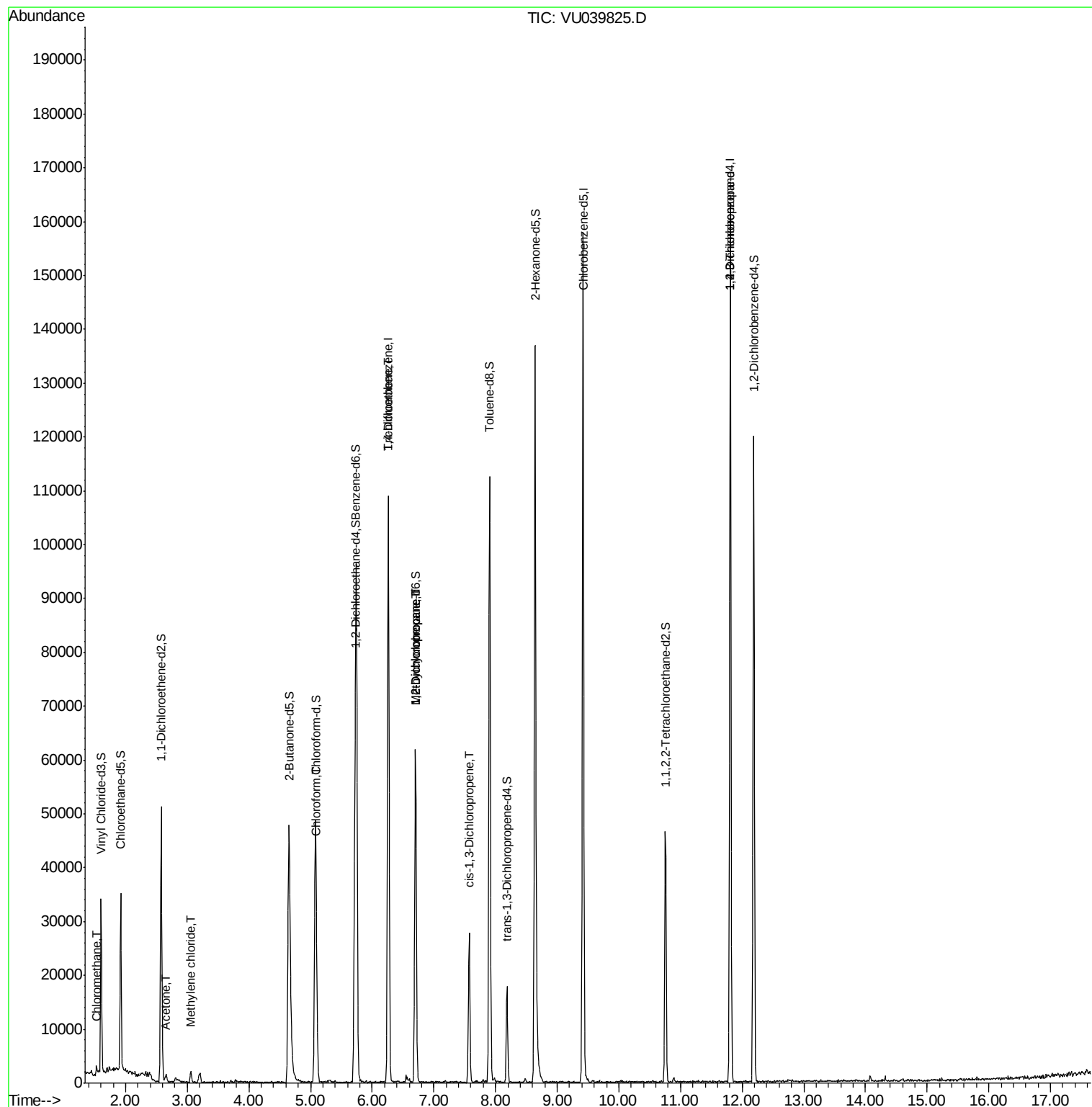
					Ovalue
3) Chloromethane	1.53	50	907	0.124	ug/L 93
13) Acetone	2.66	43	1879	1.558	ug/L 89
16) Methylene chloride	3.06	84	971	0.117	ug/L 81
25) Chloroform	5.10	83	3324	0.293	ug/L 89
34) Trichloroethene	6.26	95	1609	0.273	ug/L # 4
35) Methylcyclohexane	6.70	83	6161	0.656	ug/L # 19
37) 1,2-Dichloropropane	6.70	63	3140	0.522	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	728	0.089	ug/L # 42
59) 1,2,3-Trichloropropane	11.81	75	5420	1.248	ug/L # 85

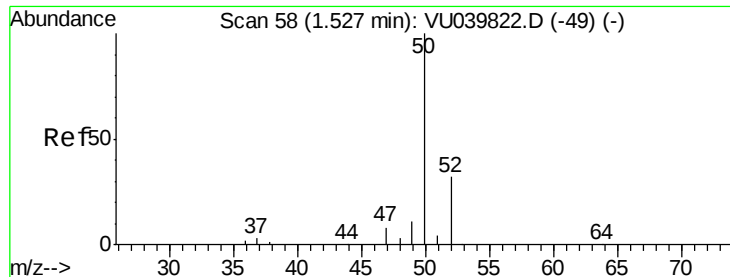
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039825.D

Acq: 10 Aug 2020 15:35

Instrument :

MSVOA_U

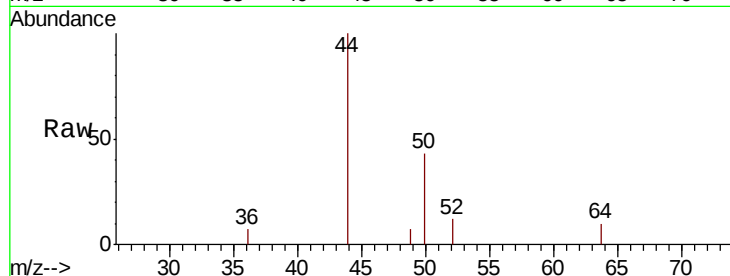
ClientSampleId :

Tot Ion: 50 Resp: 907

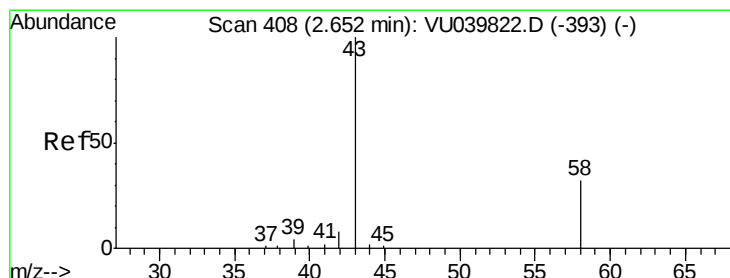
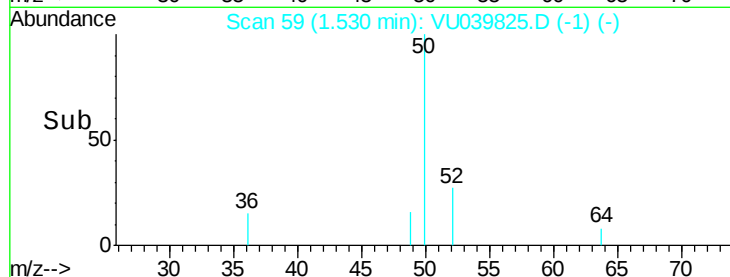
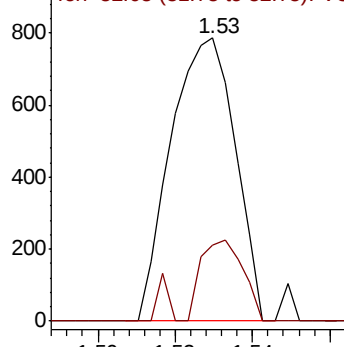
Ion Ratio Lower Upper

50 100

52 27.0 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039825.D (-1) (-)



#13

Acetone

Concen: 1.558 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU039825.D

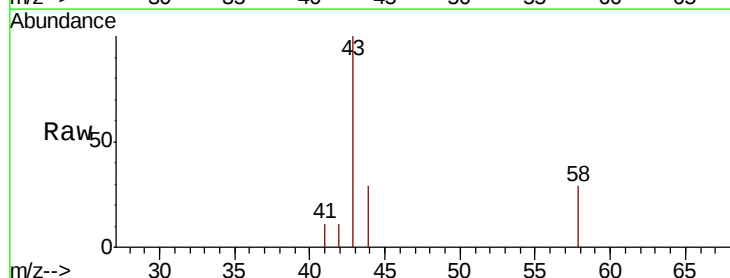
Acq: 10 Aug 2020 15:35

Tgt Ion: 43 Resp: 1879

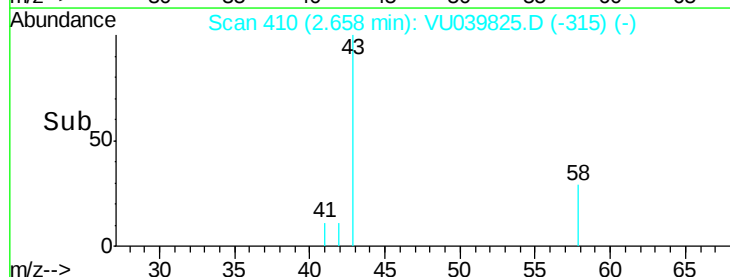
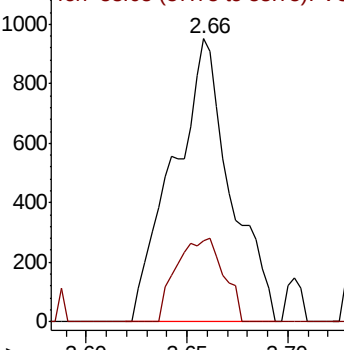
Ion Ratio Lower Upper

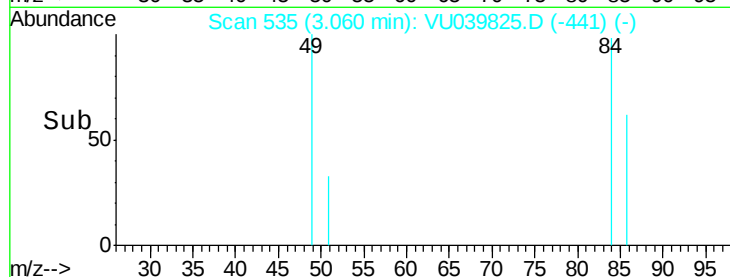
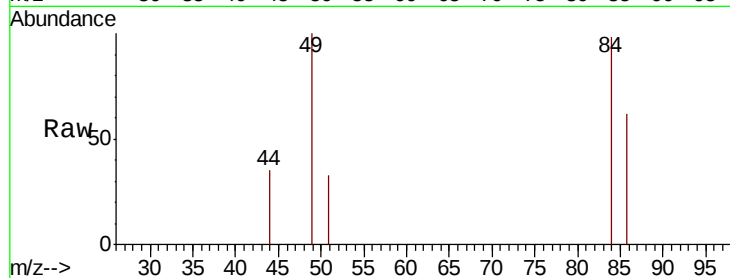
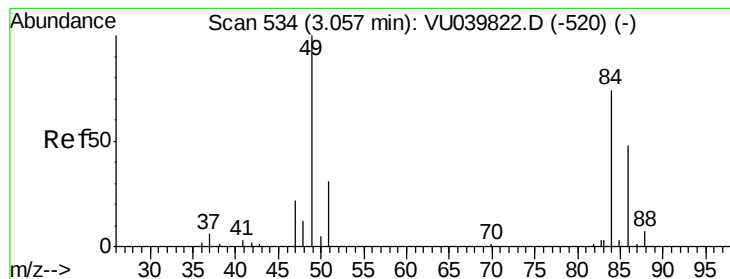
43 100

58 24.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039825.D (-315) (-)





#16

Methylene chloride

Concen: 0.117 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039825.D

Acq: 10 Aug 2020 15:35

Instrument :

MSVOA_U

ClientSampleId :

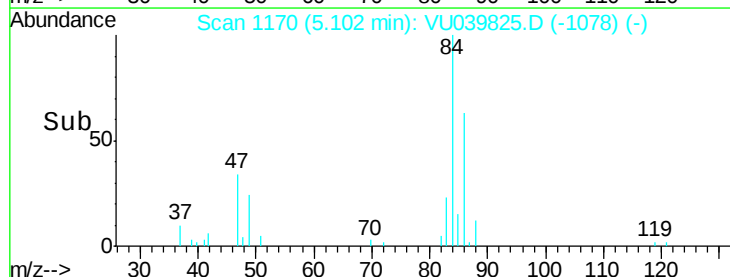
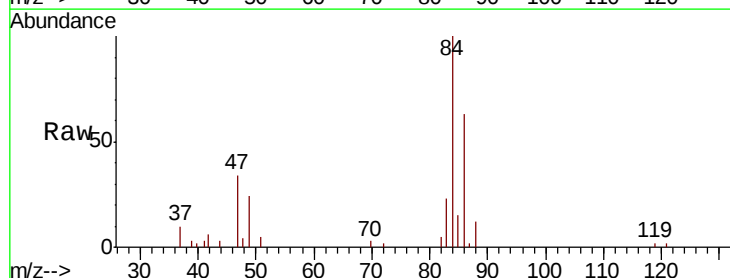
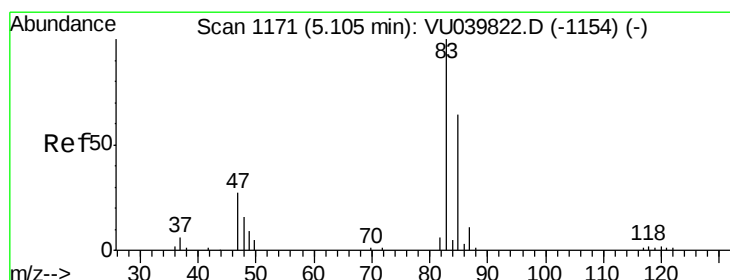
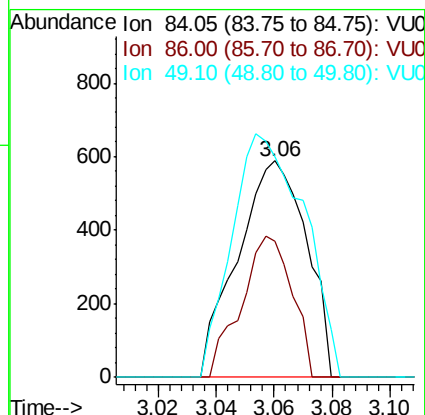
Tot Ion: 84 Resp: 971

Ion Ratio Lower Upper

84 100

86 63.0 43.9 81.5

49 102.0 94.4 175.4



#25

Chloroform

Concen: 0.293 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU039825.D

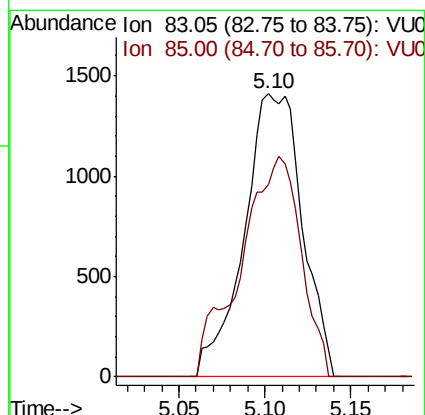
Acq: 10 Aug 2020 15:35

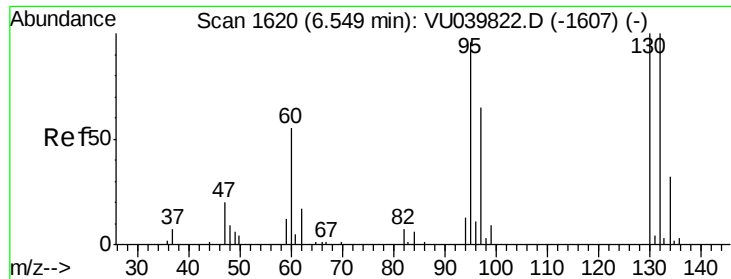
Tgt Ion: 83 Resp: 3324

Ion Ratio Lower Upper

83 100

85 68.2 42.1 78.3

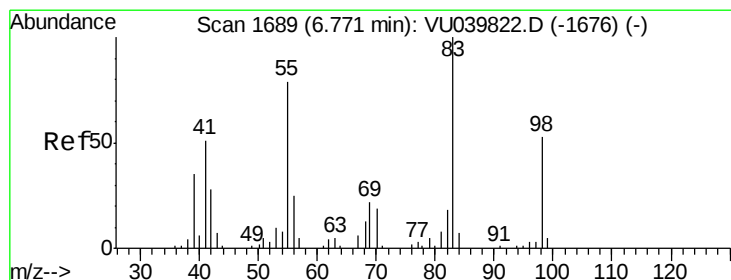
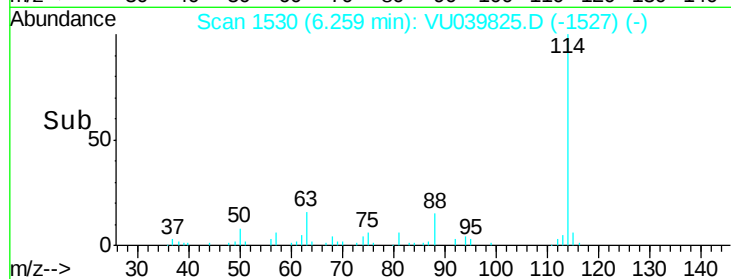
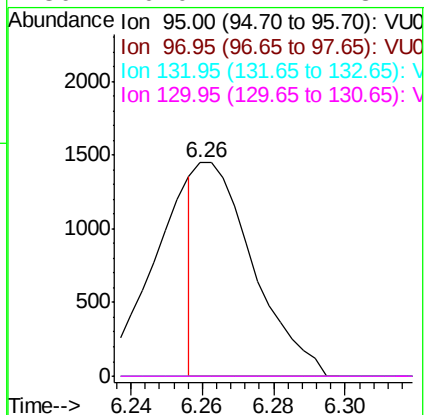
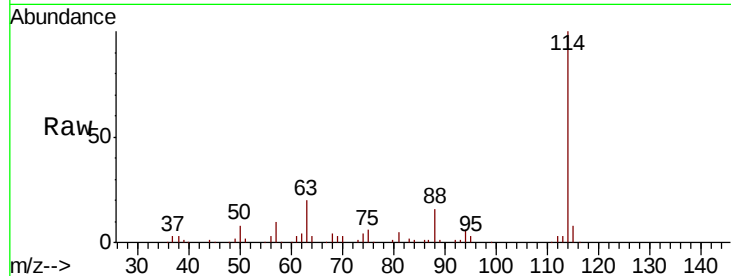




#34
 Trichloroethene
 Concen: 0.273 ug/L
 RT: 6.26 min Scan# 1530
 Delta R.T. -0.29 min
 Lab File: VU039825.D
 Acq: 10 Aug 2020 15:35

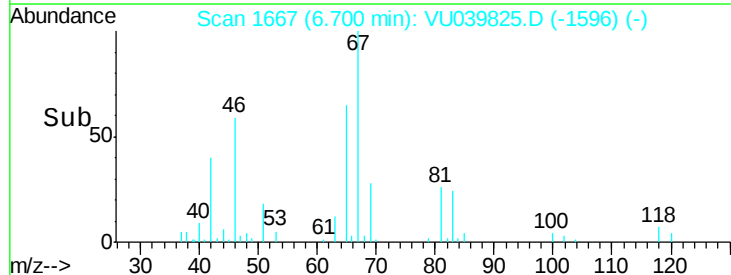
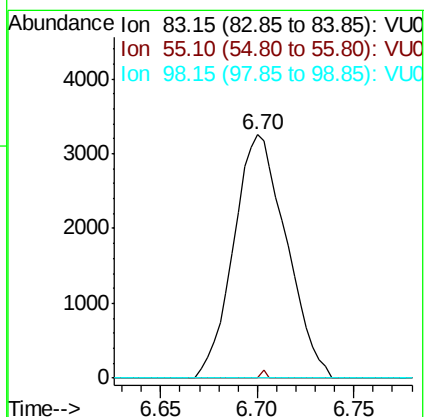
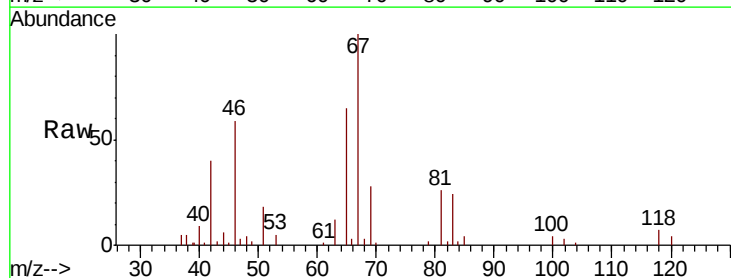
Instrument :
 MSVOA_U
 ClientSampleId :

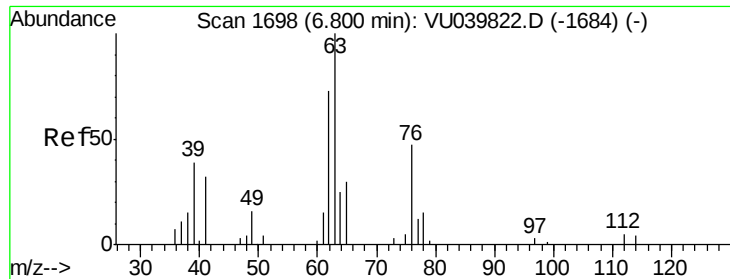
Tot Ion: 95 Resp: 1609
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.0 81.8#
 132 0.0 71.7 133.3#
 130 0.0 71.1 132.1#



#35
 Methylcyclohexane
 Concen: 0.656 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU039825.D
 Acq: 10 Aug 2020 15:35

Tgt Ion: 83 Resp: 6161
 Ion Ratio Lower Upper
 83 100
 55 0.3 59.4 89.0#
 98 0.0 39.0 58.4#

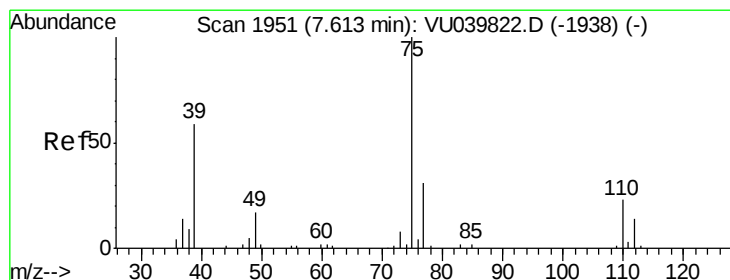
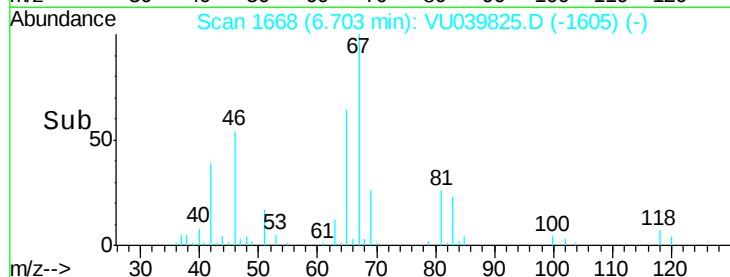
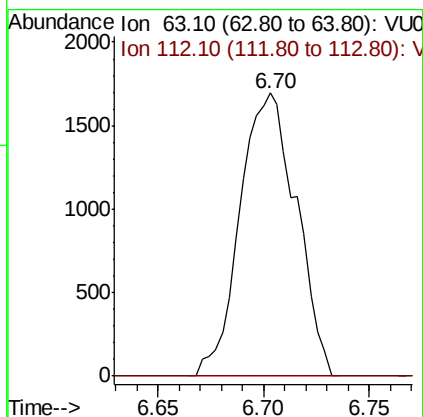
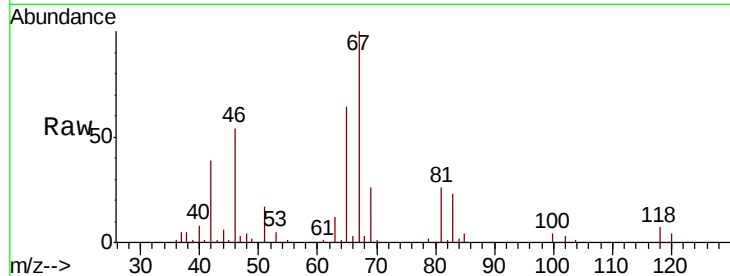




#37
 1,2-Dichloropropane
 Concen: 0.522 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039825.D
 Acq: 10 Aug 2020 15:35

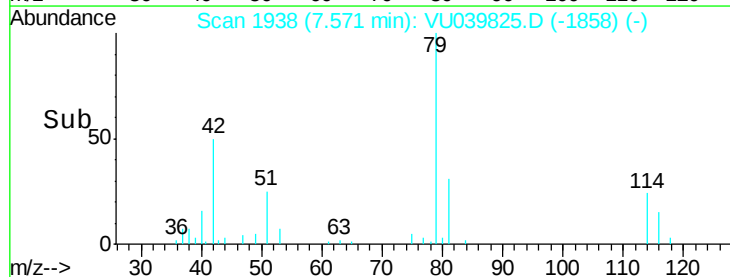
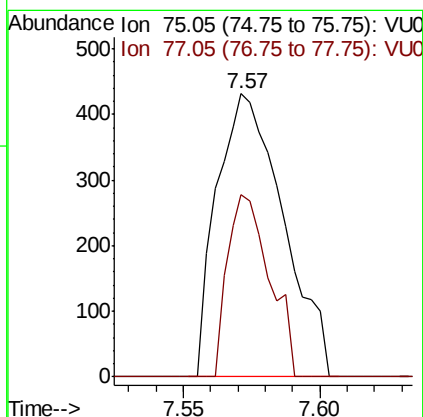
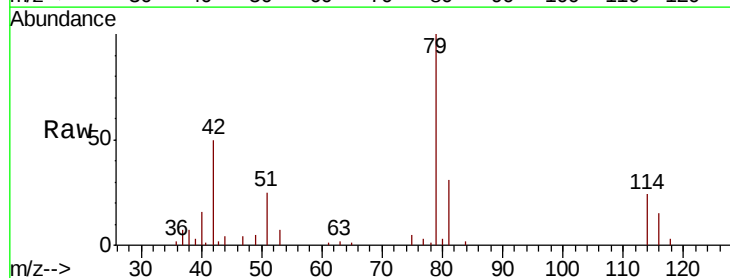
Instrument :
 MSVOA_U
 ClientSampleId :

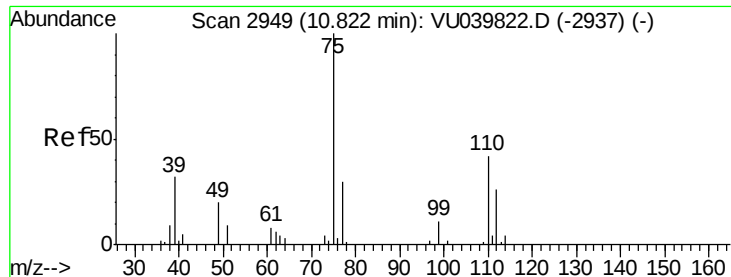
Tot Ion: 63 Resp: 3140
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039825.D
 Acq: 10 Aug 2020 15:35

Tgt Ion: 75 Resp: 728
 Ion Ratio Lower Upper
 75 100
 77 64.1 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.248 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039825.D

Acq: 10 Aug 2020 15:35

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 5420

Ion Ratio Lower Upper

75 100

77 39.3 24.6 37.0#

