

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039951.D
 Acq On : 24 Aug 2020 16:59
 Operator : SY/MD
 Sample : L3767-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK03

Quant Time: Aug 25 02:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68041	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26302	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.92	69	23045	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	38798	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.66	46	78913	41.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.10%
24) Chloroform-d	5.08	84	51247	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	29715	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.75	84	99455	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	32040	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	86298	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.19	79	12434	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.64	63	57942	42.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24670	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33339	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

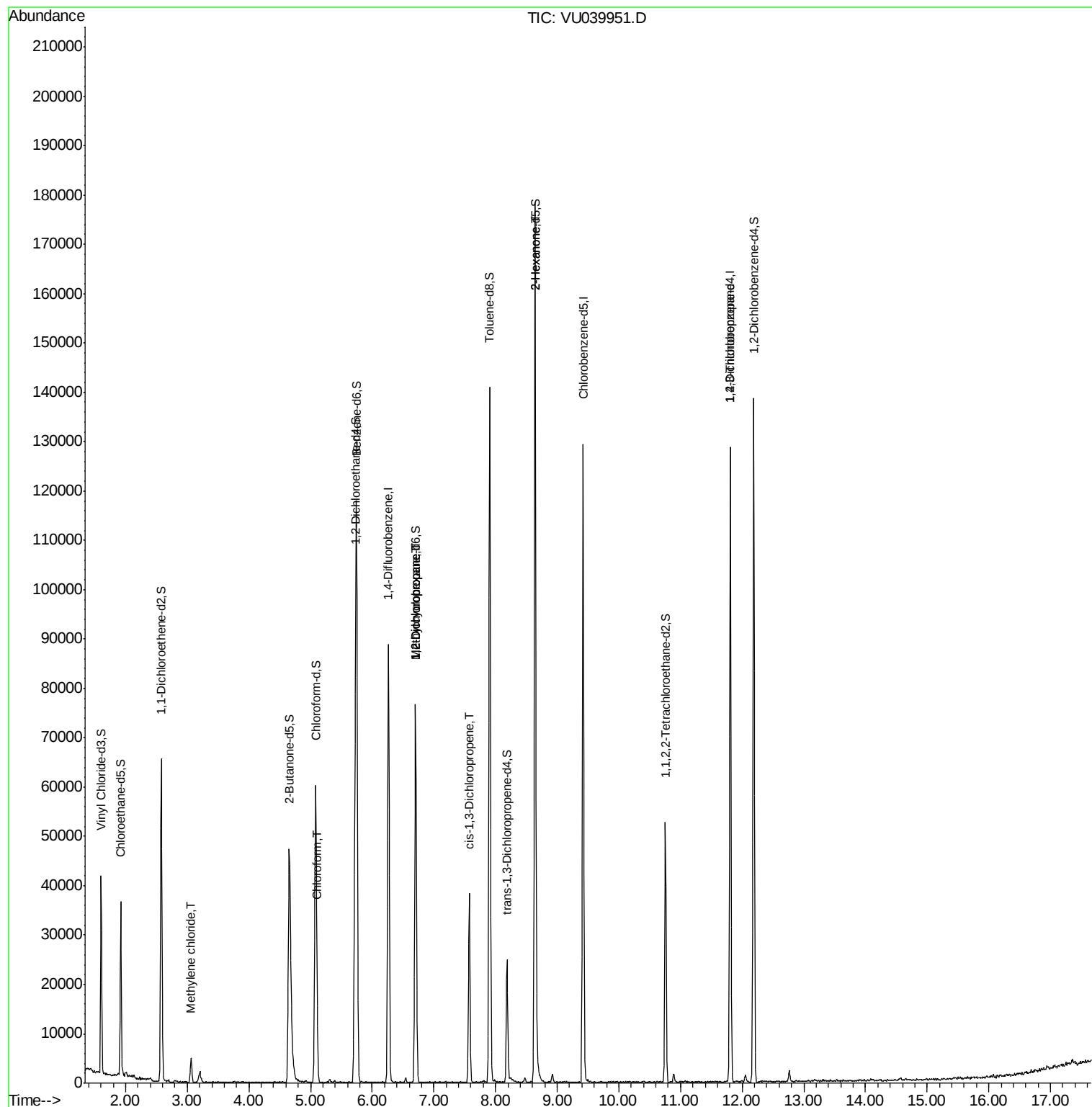
					Ovalue
16) Methylene chloride	3.06	84	2080	0.254 ug/L	98
25) Chloroform	5.11	83	2076	0.179 ug/L	86
35) Methylcyclohexane	6.70	83	7877	0.839 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3959	0.631 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1040	0.119 ug/L #	60
48) 2-Hexanone	8.64	43	7883	2.215 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	4141	0.921 ug/L	88

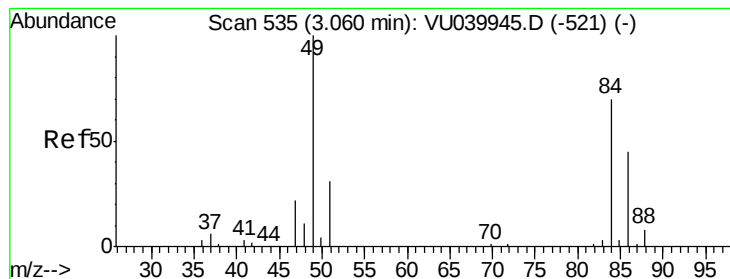
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.254 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039951.D

Acq: 24 Aug 2020 16:59

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MSVOA_U

ClientSampleId :

VHBLK03

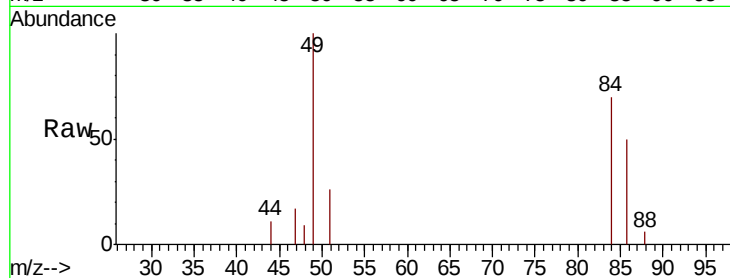
Tot Ion: 84 Resp: 2080

Ion Ratio Lower Upper

84 100

86 71.8 47.2 87.6

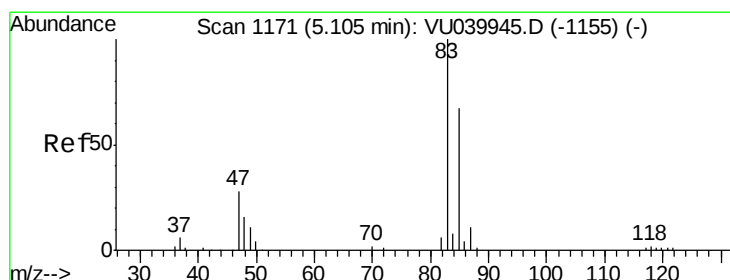
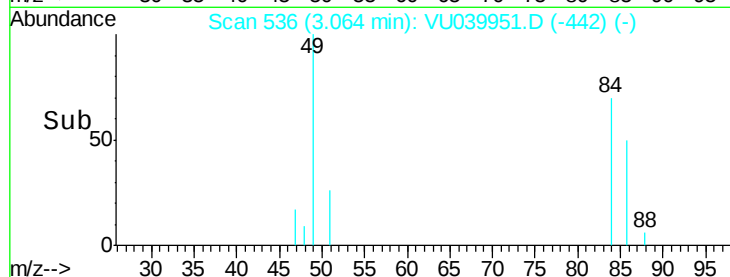
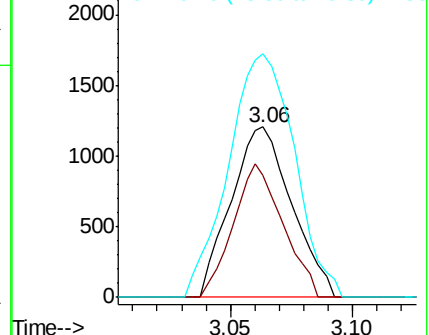
49 143.2 99.8 185.4



Abundance Ion 84.05 (83.75 to 84.75): VU039951.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU039951.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU039951.D (-442) (-)



#25

Chloroform

Concen: 0.179 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU039951.D

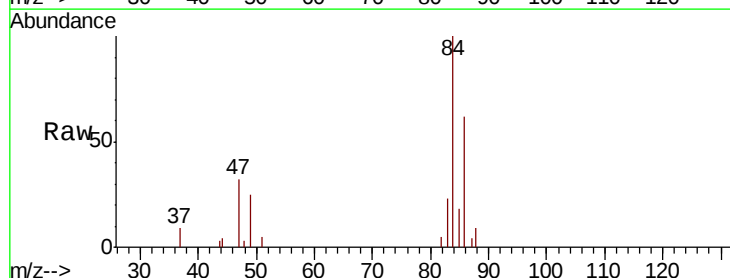
Acq: 24 Aug 2020 16:59

Tgt Ion: 83 Resp: 2076

Ion Ratio Lower Upper

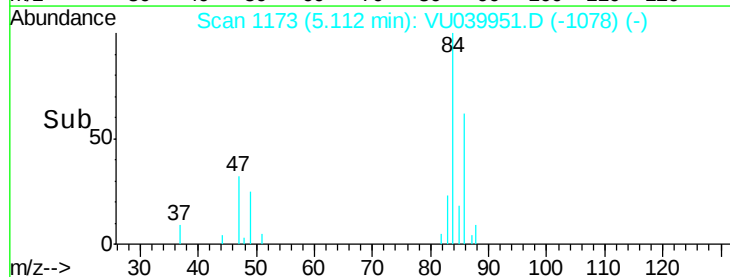
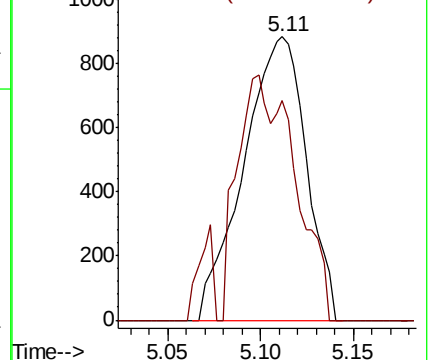
83 100

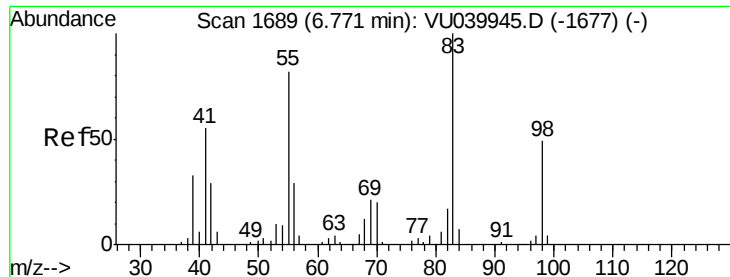
85 77.4 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VU039951.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU039951.D (-1078) (-)

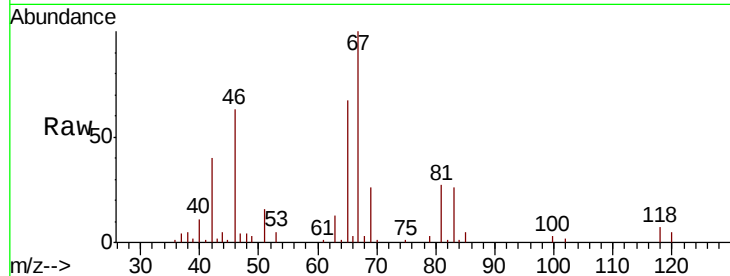




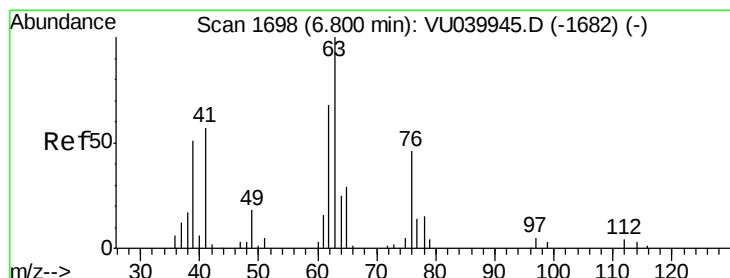
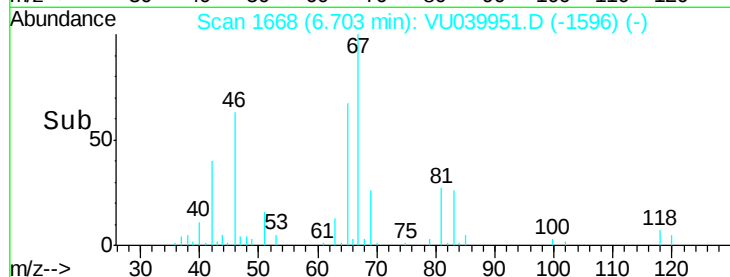
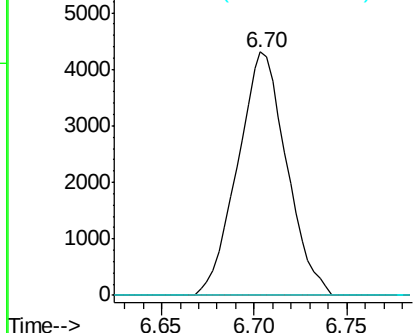
#35
Methvlcvclohexane
Concen: 0.839 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039951.D
Acq: 24 Aug 2020 16:59

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VHBLK03

Tot Ion: 83 Resp: 7877
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 1.0 39.4 59.0#

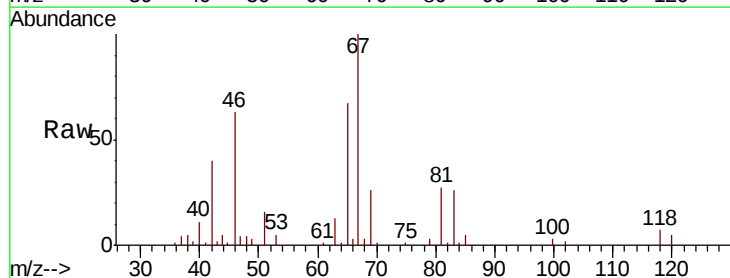


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

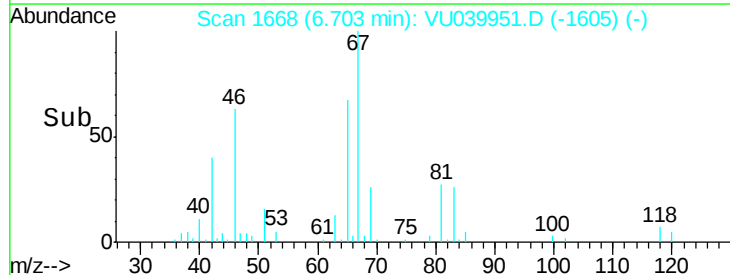
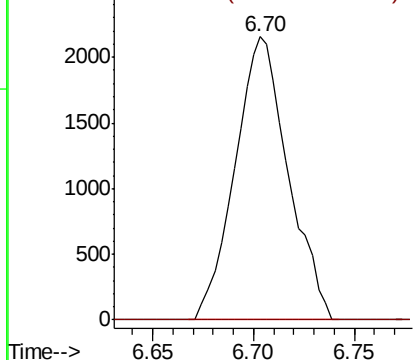


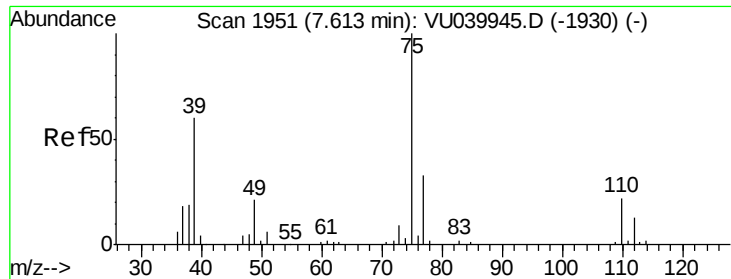
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039951.D
Acq: 24 Aug 2020 16:59

Tgt Ion: 63 Resp: 3959
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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

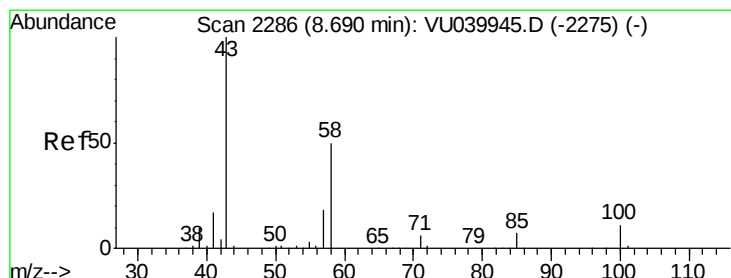
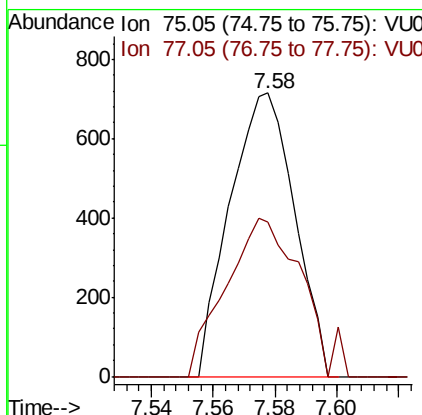
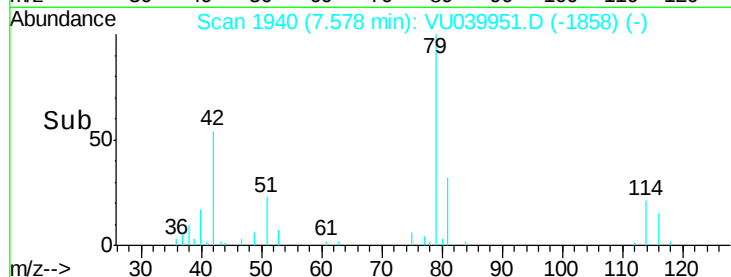
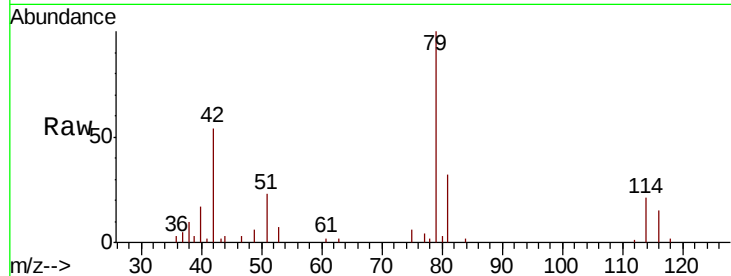




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039951.D
 Acq: 24 Aug 2020 16:59

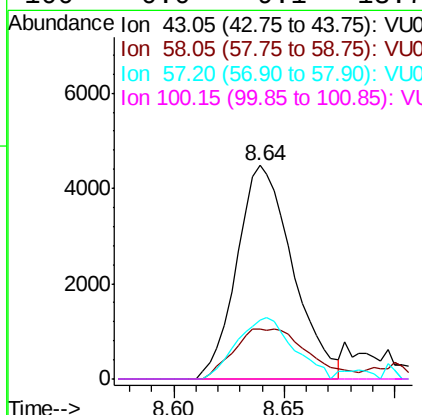
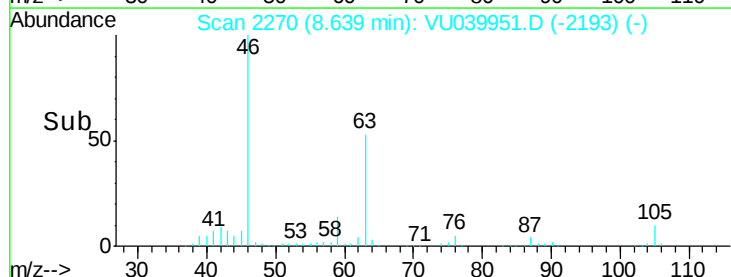
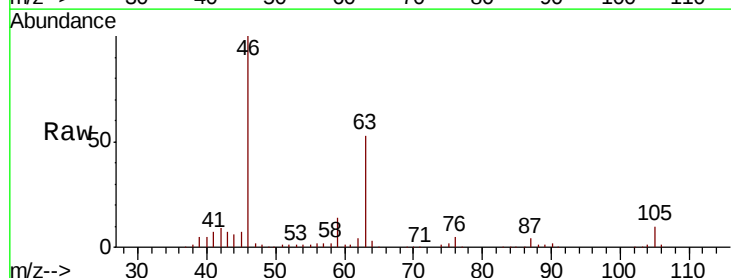
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK03

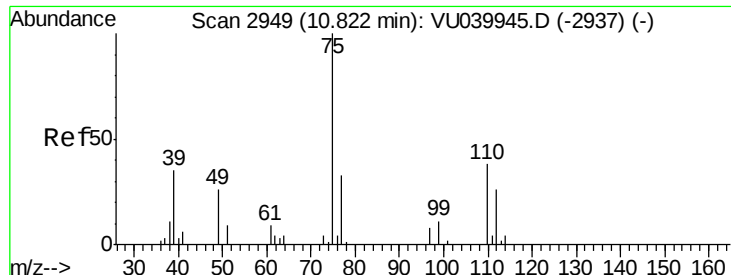
Tot Ion: 75 Resp: 1040
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.6 42.0#



#48
 2-Hexanone
 Concen: 2.215 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU039951.D
 Acq: 24 Aug 2020 16:59

Tgt Ion: 43 Resp: 7883
 Ion Ratio Lower Upper
 43 100
 58 31.2 41.3 61.9#
 57 29.0 14.1 21.1#
 100 0.0 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039951.D

Acq: 24 Aug 2020 16:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK03

Tot Ion: 75 Resp: 4141

Ion Ratio Lower Upper

75 100

77 41.1 27.4 41.2

