

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039388.D
 Acq On : 09 Jul 2020 11:32
 Operator : SY/MD
 Sample : L3193-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jul 10 00:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	106854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30962	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.92	69	27199	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	42793	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.66	46	133550	47.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	5.08	84	57947	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	37798	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.75	84	116134	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.71	67	38262	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	99323	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	15971	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	94194	43.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36332	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	42038	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

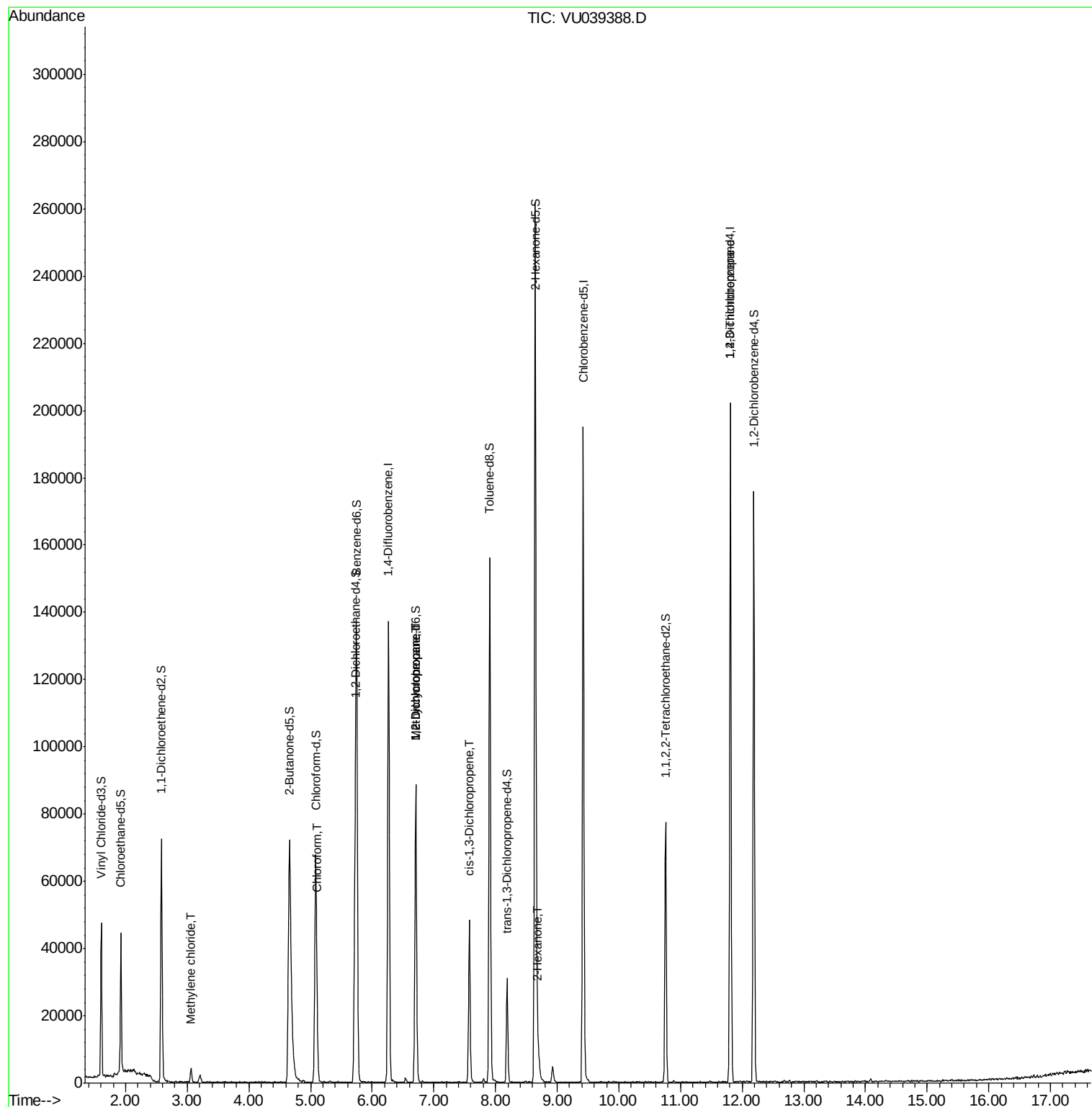
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1561	0.195	ug/L	82
25) Chloroform	5.11	83	3876	0.279	ug/L	79
35) Methylcyclohexane	6.71	83	8574	0.704	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	4563	0.569	ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1186	0.098	ug/L #	37
48) 2-Hexanone	8.69	43	5025	1.019	ug/L #	93
59) 1,2,3-Trichloropropane	11.81	75	7764	1.314	ug/L	98

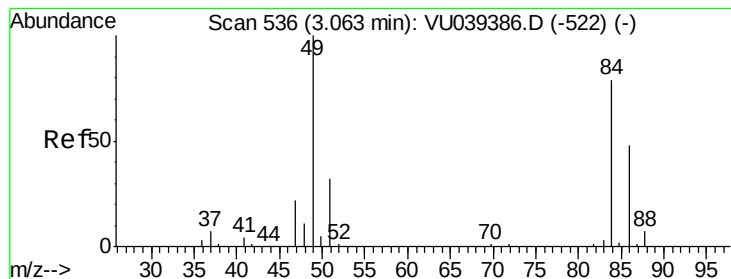
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.195 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039388.D

Acq: 09 Jul 2020 11:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

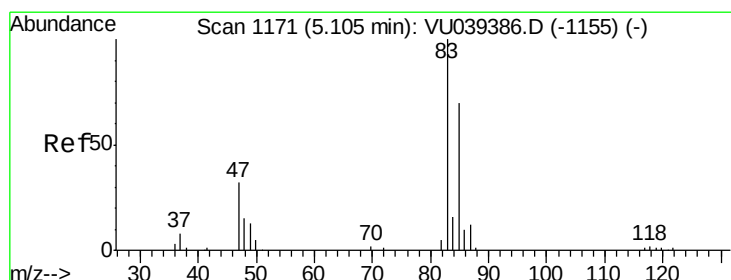
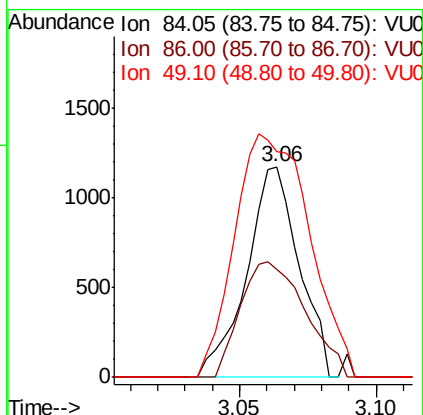
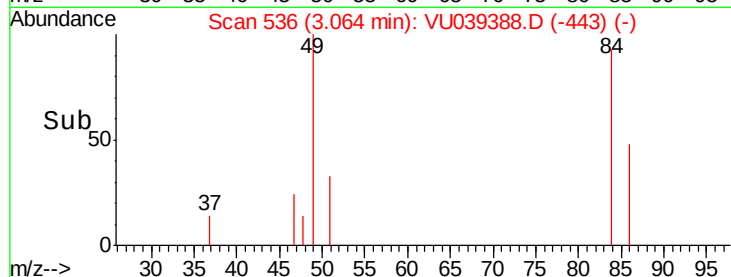
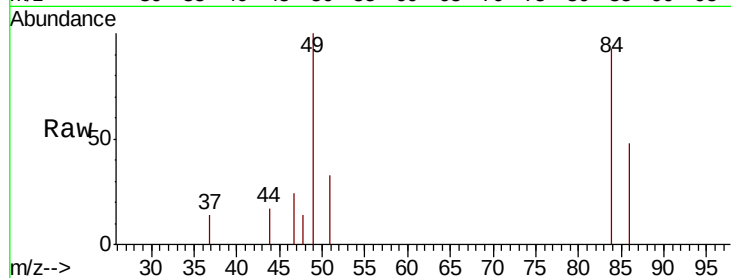
Tot Ion: 84 Resp: 1561

Ion Ratio Lower Upper

84 100

86 51.2 43.5 80.9

49 107.1 91.1 169.1



#25

Chloroform

Concen: 0.279 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039388.D

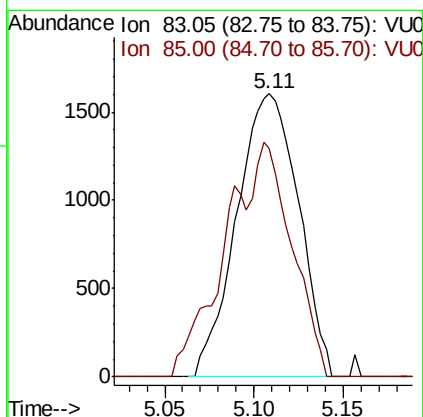
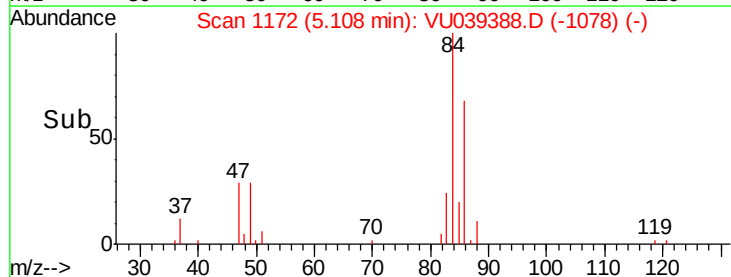
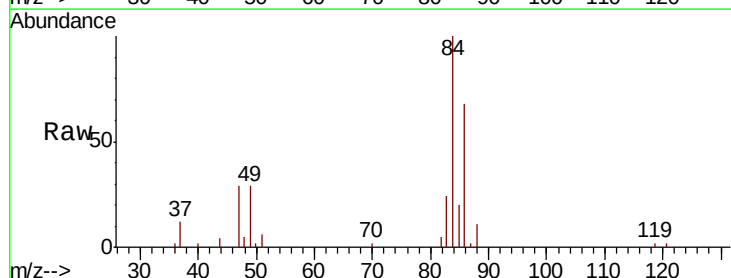
Acq: 09 Jul 2020 11:32

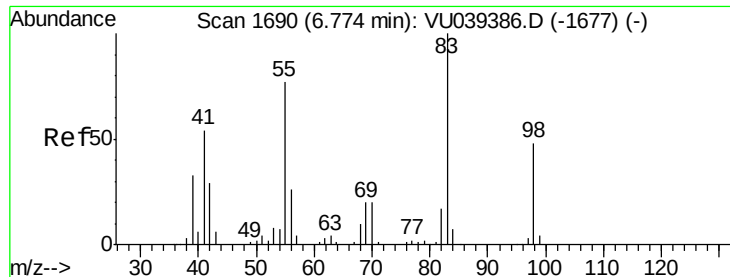
Tgt Ion: 83 Resp: 3876

Ion Ratio Lower Upper

83 100

85 80.8 44.9 83.5

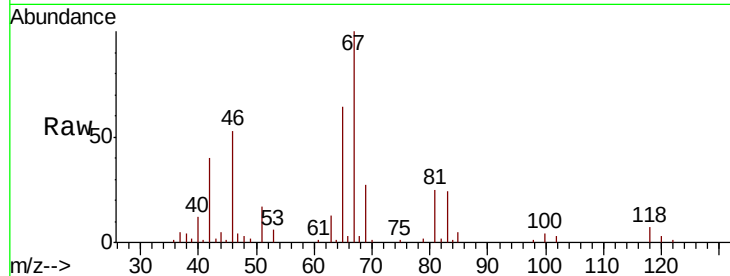




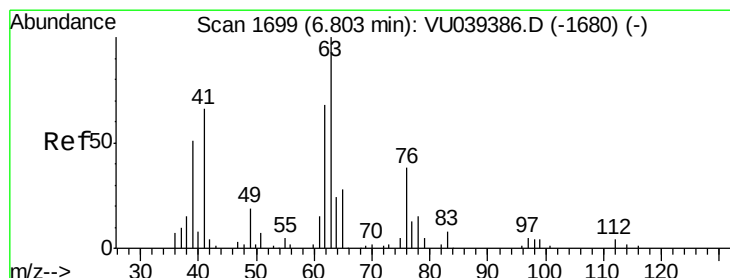
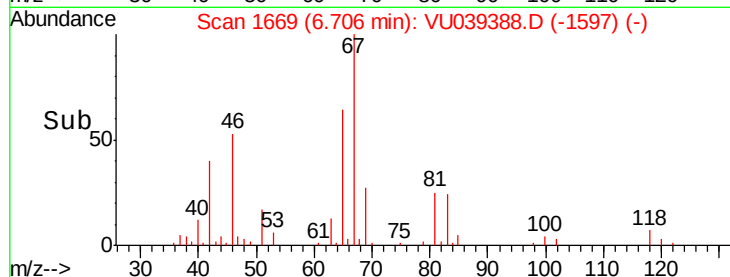
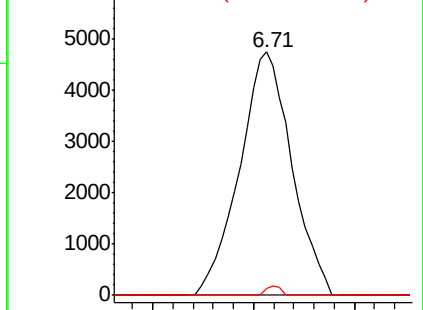
#35
Methylvlcyclohexane
Concen: 0.704 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039388.D
Acq: 09 Jul 2020 11:32

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 8574
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.0 35.9 53.9#

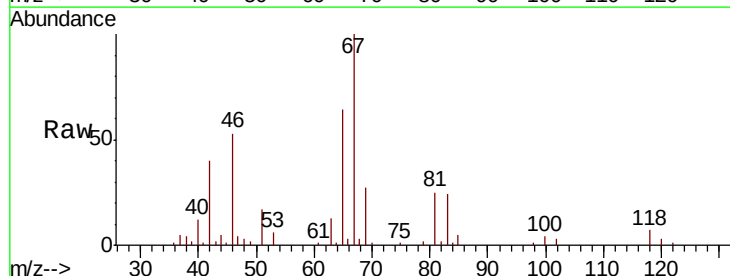


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

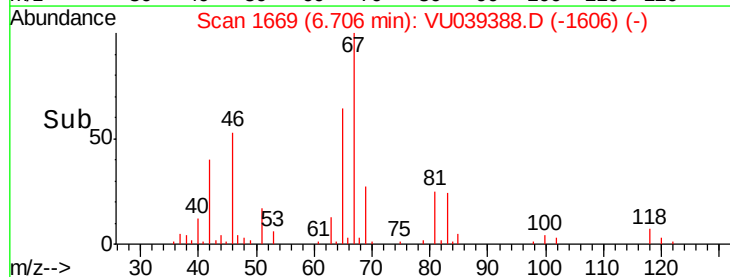
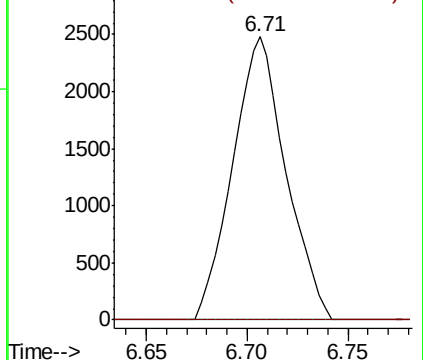


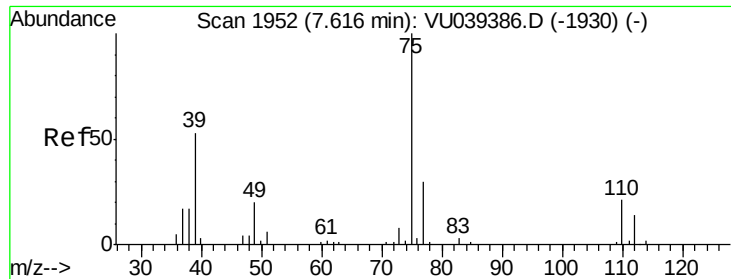
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039388.D
Acq: 09 Jul 2020 11:32

Tgt Ion: 63 Resp: 4563
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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

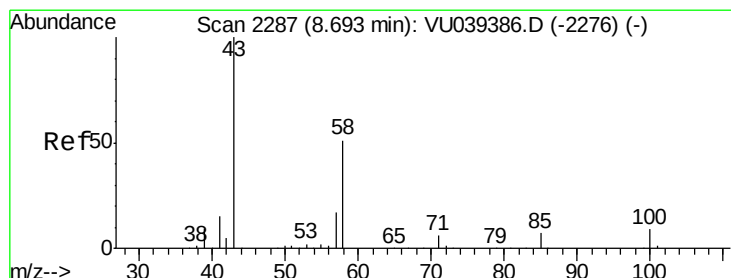
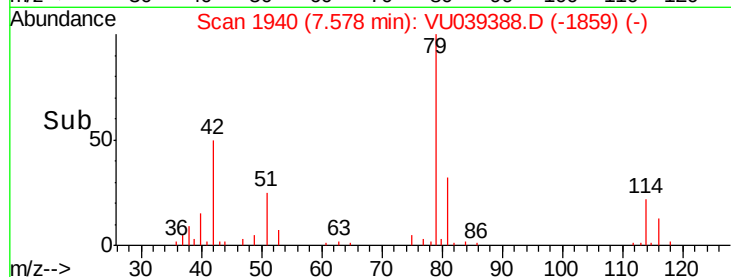
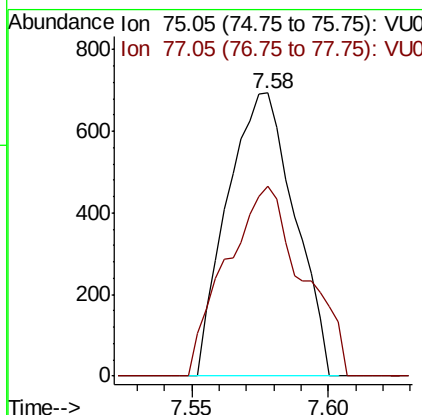
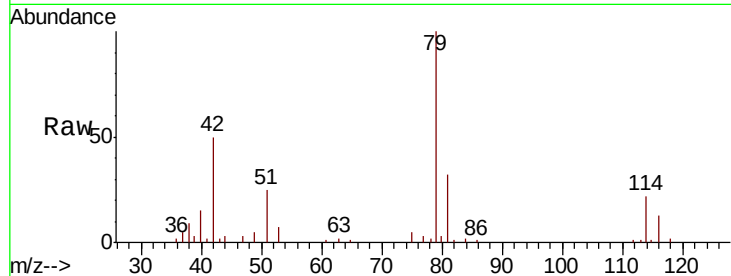




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039388.D
 Acq: 09 Jul 2020 11:32

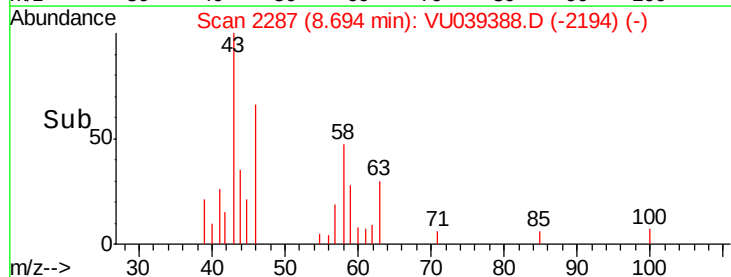
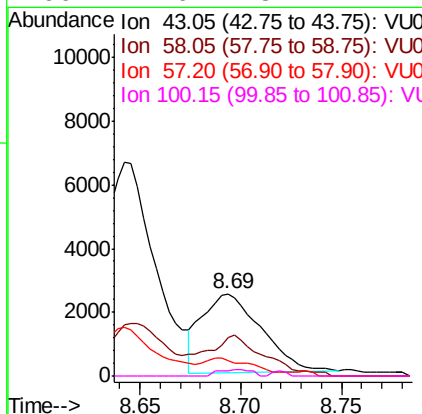
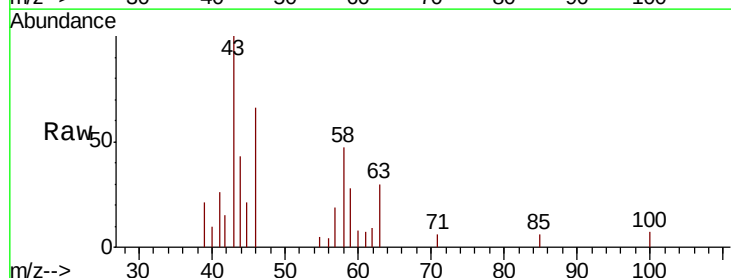
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

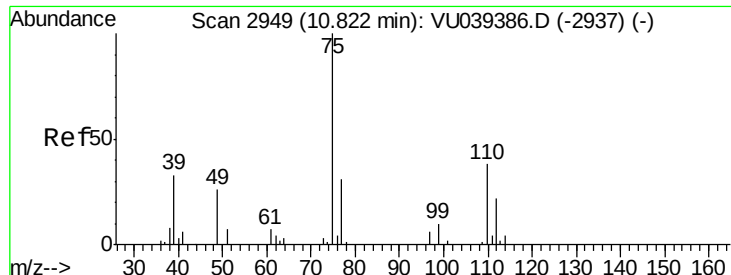
Tot Ion: 75 Resp: 1186
 Ion Ratio Lower Upper
 75 100
 77 67.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.019 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039388.D
 Acq: 09 Jul 2020 11:32

Tgt Ion: 43 Resp: 5025
 Ion Ratio Lower Upper
 43 100
 58 49.7 42.0 63.0
 57 13.2 14.0 21.0#
 100 4.6 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.314 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039388.D

Acq: 09 Jul 2020 11:32

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 7764

Ion Ratio Lower Upper

75 100

77 34.9 26.8 40.2

