

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039259.D
 Acq On : 01 Jul 2020 04:39
 Operator : SY/MD
 Sample : L3132-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 06:29:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:27:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	188521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	192475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	94574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	54879	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	49589	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	87155	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.67	46	180125	34.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.36%
24) Chloroform-d	5.10	84	122032	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.74	65	77261	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.76	84	224614	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	70064	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.92	98	179904	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	29457	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.66	63	122776	32.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	57662	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	72675	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

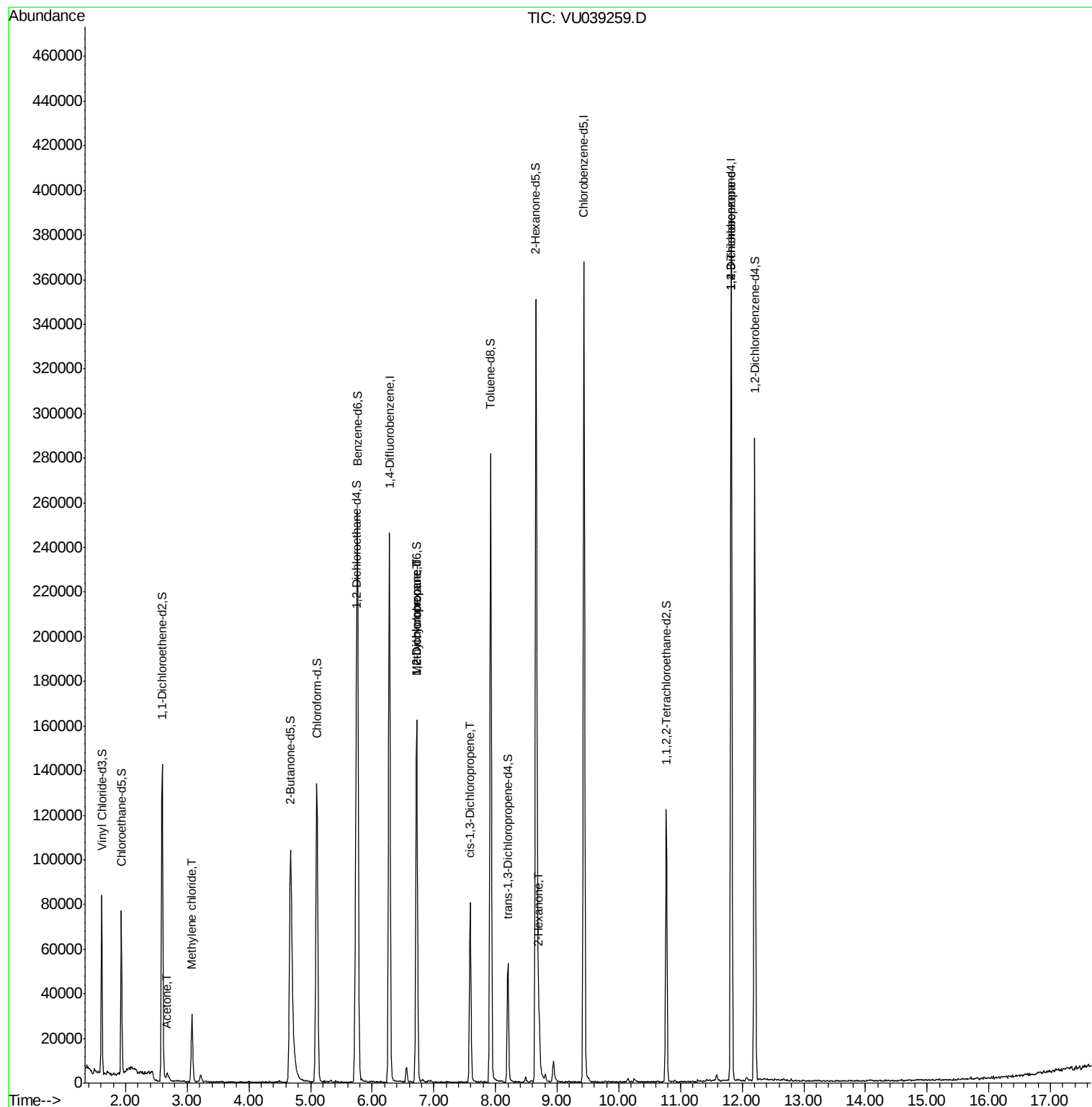
					Ovalue
13) Acetone	2.67	43	7185	2.236	ug/L 71
16) Methylene chloride	3.08	84	14026	0.767	ug/L 95
35) Methylcyclohexane	6.72	83	18244	0.823	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	8800	0.576	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2273	0.105	ug/L # 66
48) 2-Hexanone	8.71	43	12994	1.471	ug/L 91
59) 1,2,3-Trichloropropane	11.82	75	13488	1.142	ug/L 90

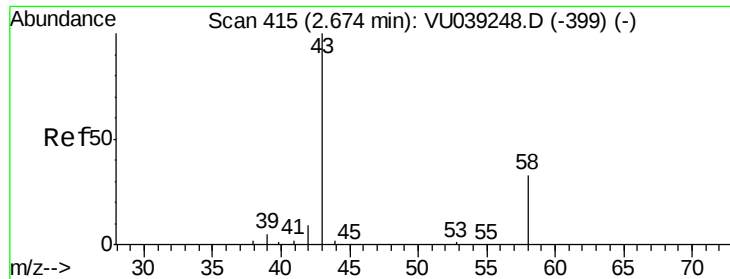
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.236 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU039259.D

Acq: 01 Jul 2020 04:39

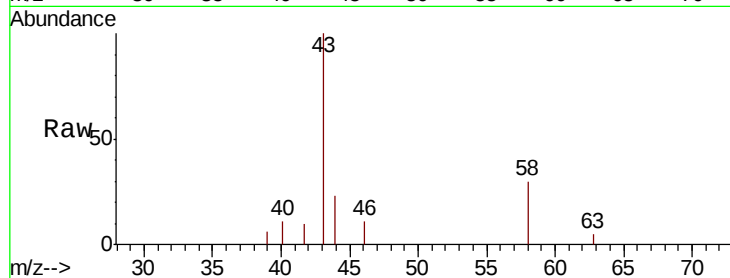
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 7185

Ion Ratio Lower Upper

43 100

58 14.9 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039248.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU039248.D (-399) (-)

2.67

2500

2000

1500

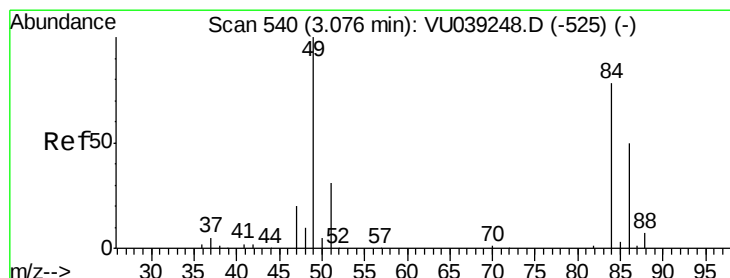
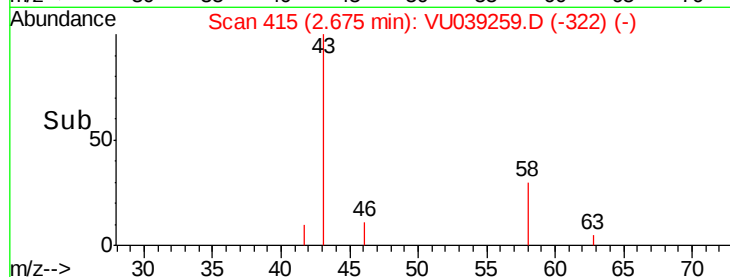
1000

500

0

2.60 2.65 2.70 2.75 2.80

Time-->



#16

Methylene chloride

Concen: 0.767 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039259.D

Acq: 01 Jul 2020 04:39

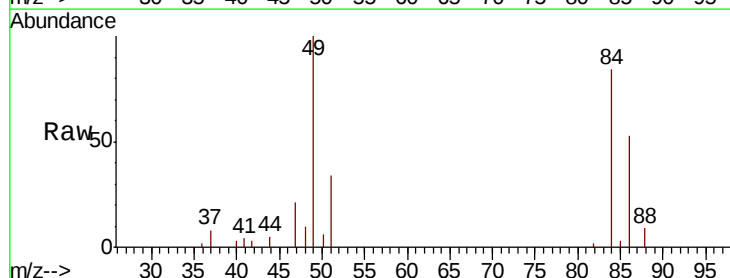
Tgt Ion: 84 Resp: 14026

Ion Ratio Lower Upper

84 100

86 62.7 44.9 83.5

49 118.8 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU039248.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU039248.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU039248.D (-525) (-)

12000

10000

8000

6000

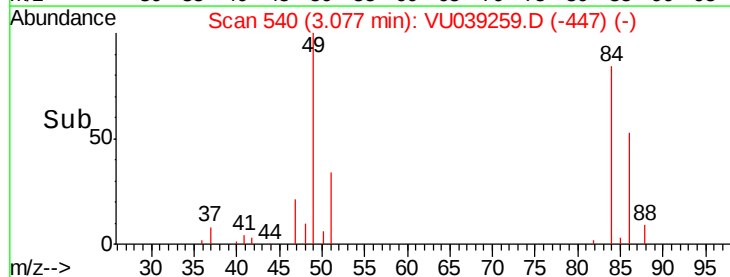
4000

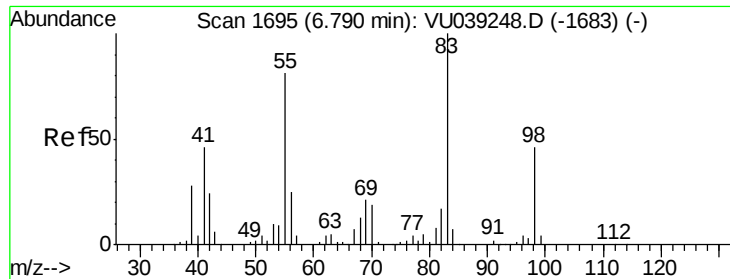
2000

0

3.00 3.05 3.10 3.15

Time-->

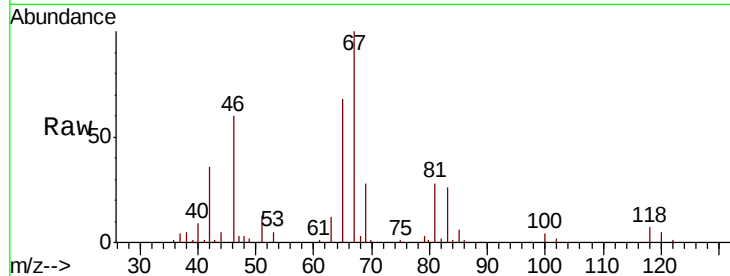




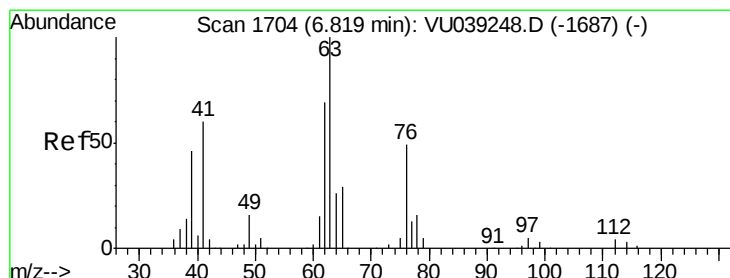
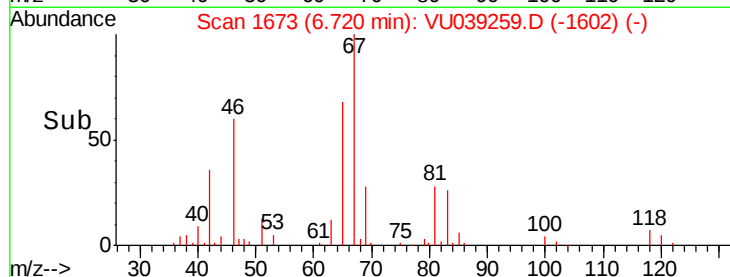
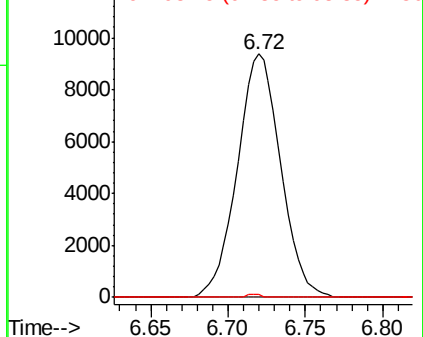
#35
Methvlcvclohexane
Concen: 0.823 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039259.D
Acq: 01 Jul 2020 04:39

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 18244
Ion Ratio Lower Upper
83 100
55 0.0 64.4 96.6#
98 0.4 37.9 56.9#

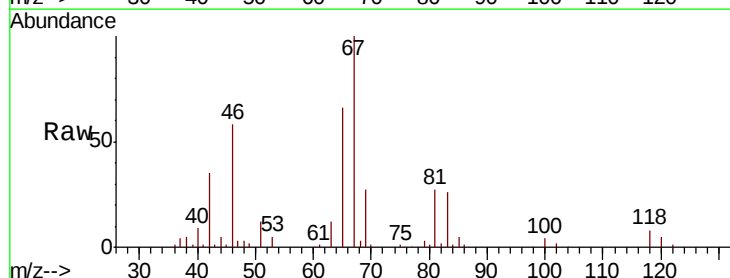


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

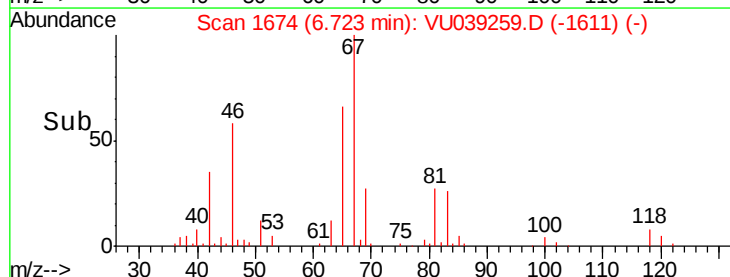
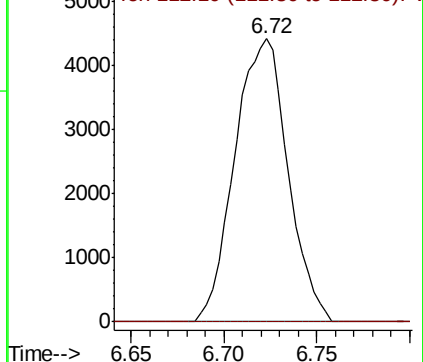


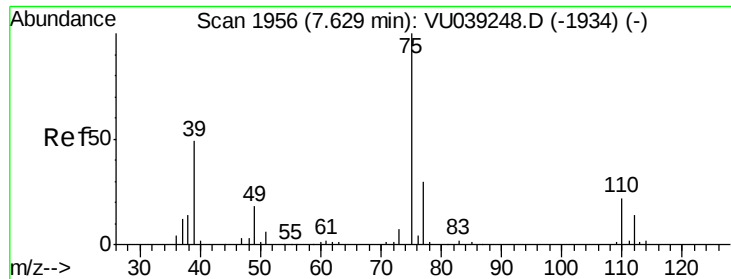
#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039259.D
Acq: 01 Jul 2020 04:39

Tgt Ion: 63 Resp: 8800
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

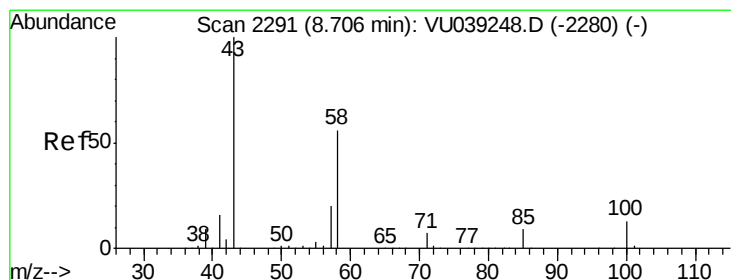
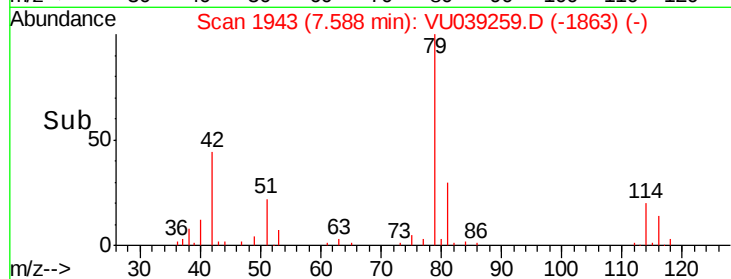
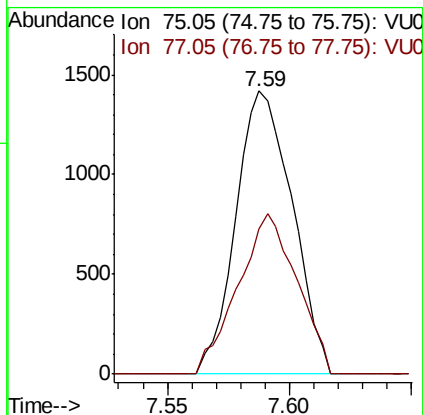
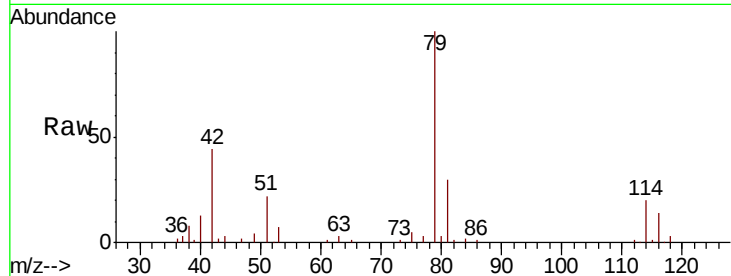




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039259.D
 Acq: 01 Jul 2020 04:39

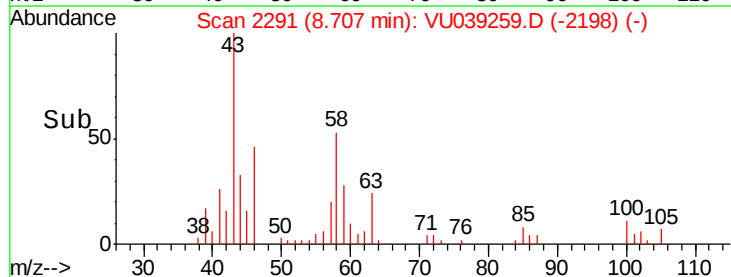
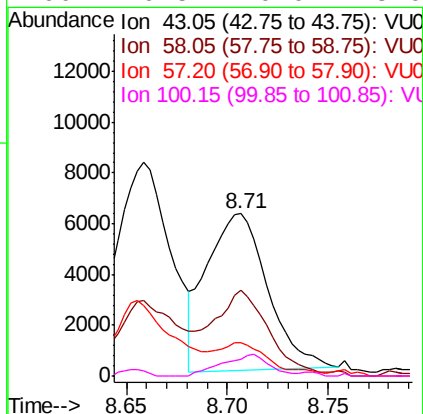
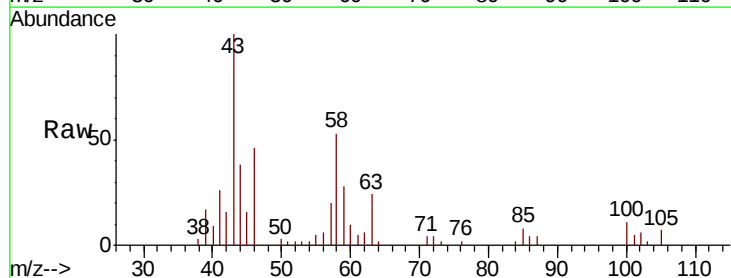
Instrument :
 MSVOA_U
 ClientSampleId :

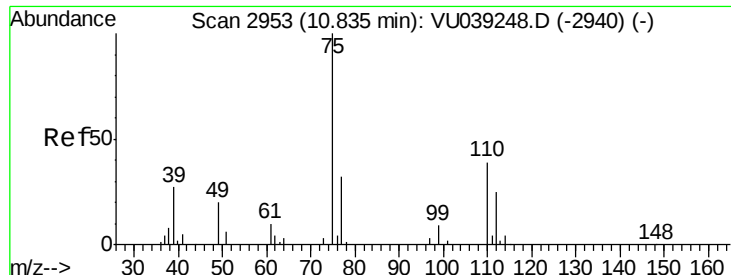
Tot Ion: 75 Resp: 2273
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.471 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039259.D
 Acq: 01 Jul 2020 04:39

Tgt Ion: 43 Resp: 12994
 Ion Ratio Lower Upper
 43 100
 58 46.2 43.6 65.4
 57 18.3 15.5 23.3
 100 10.5 10.0 15.0





#59

1,2,3-Trichloropropane

Concen: 1.142 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU039259.D

Acq: 01 Jul 2020 04:39

Instrument :

MSVOA_U

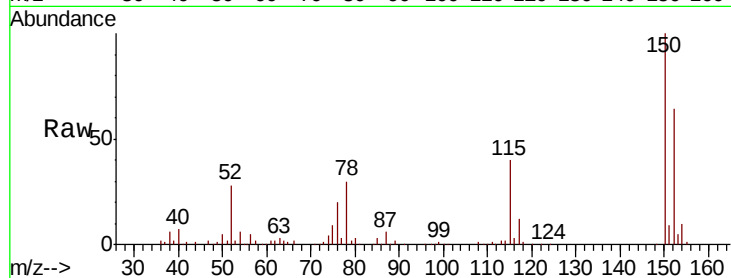
ClientSampleId :

Tot Ion: 75 Resp: 13488

Ion Ratio Lower Upper

75 100

77 36.2 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

