

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081420\
 Data File : VU039873.D
 Acq On : 14 Aug 2020 21:20
 Operator : SY/MD
 Sample : L3517-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 17 05:26:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16628	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	20026	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	26007	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.65	46	95521	56.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.44%
24) Chloroform-d	5.08	84	46158	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	27719	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	80970	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.70	67	29124	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.90	98	65861	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.18	79	11209	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.64	63	70426	59.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27706	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32552	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

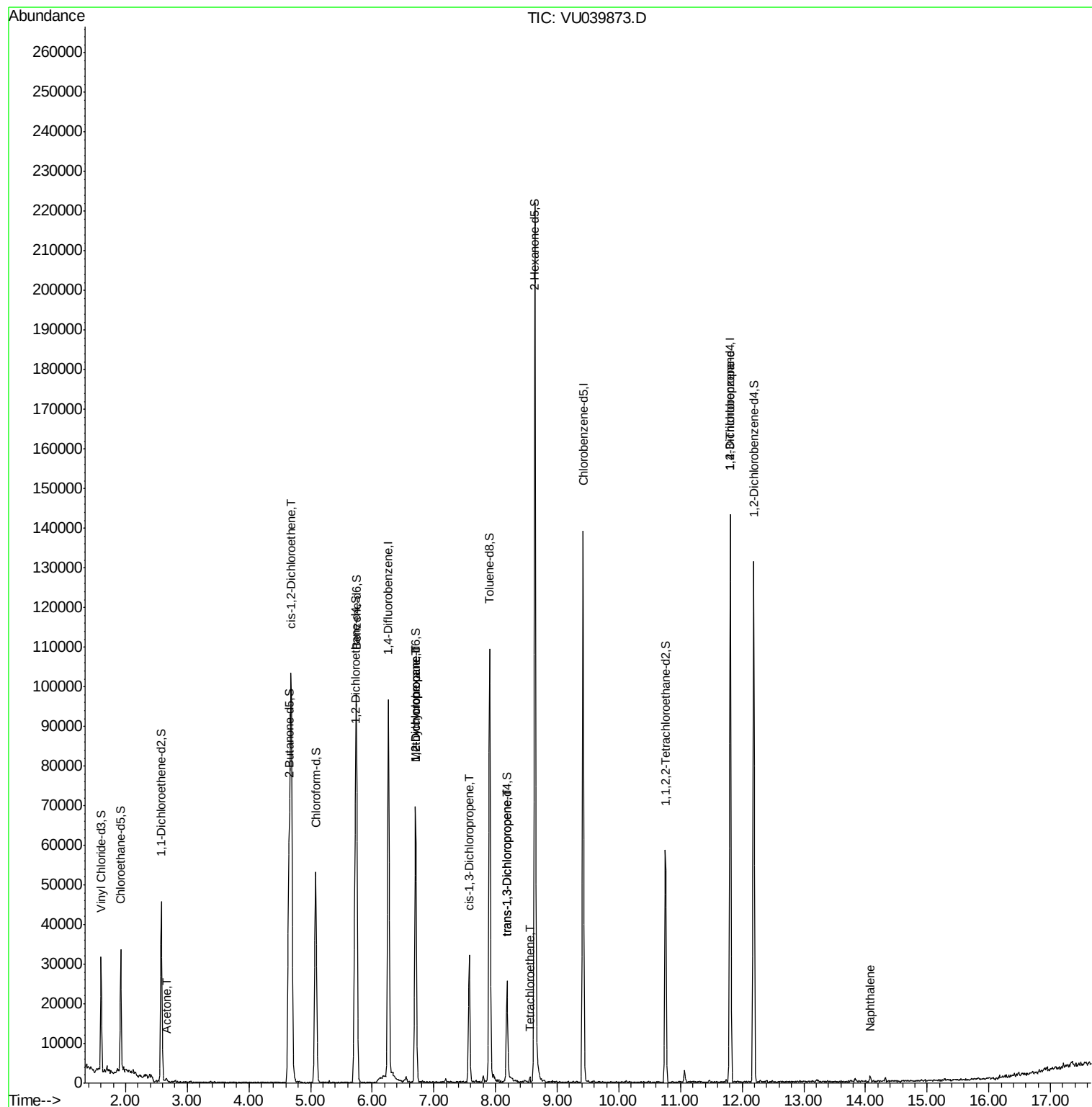
					Ovalue
13) Acetone	2.66	43	1127	1.135 ug/L	74
22) cis-1,2-Dichloroethene	4.69	96	44767	8.741 ug/L	100
35) Methylcyclohexane	6.71	83	6938	0.884 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3646	0.725 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	794	0.116 ug/L #	54
44) trans-1,3-Dichloropropene	8.18	75	866	0.140 ug/L #	1
47) Tetrachloroethene	8.56	164	411	0.101 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	4965	1.368 ug/L #	84
69) Naphthalene	14.07	128	1355	0.118 ug/L #	91

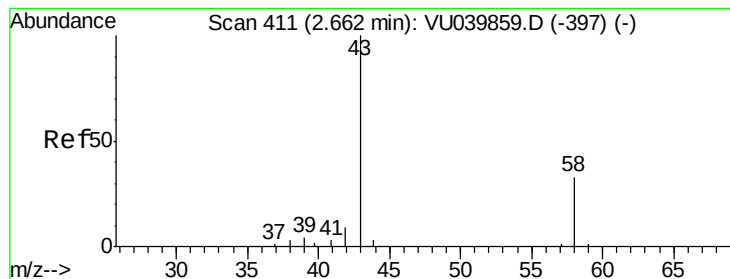
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.135 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU039873.D

Acq: 14 Aug 2020 21:20

Instrument :

MSVOA_U

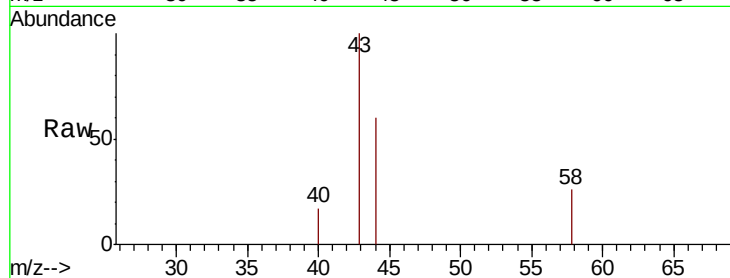
ClientSampleId :

Tot Ion: 43 Resp: 1127

Ion Ratio Lower Upper

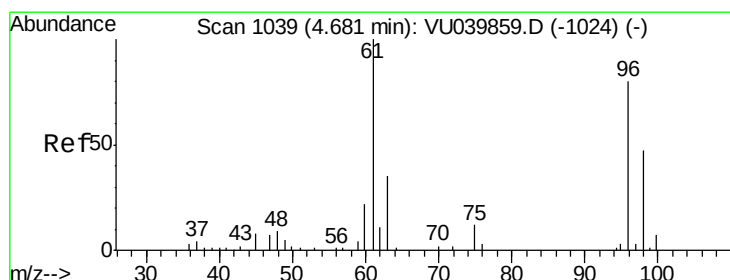
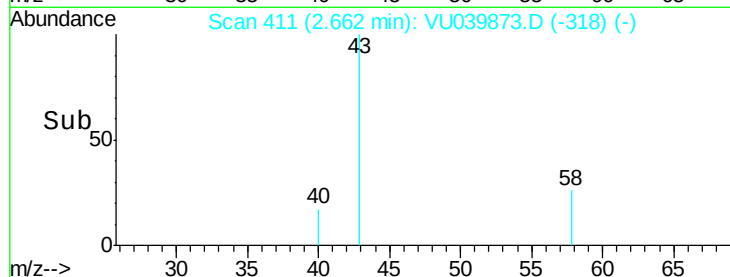
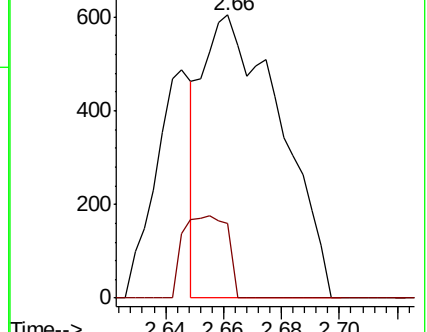
43 100

58 16.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039873.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU039873.D (-318) (-)



#22

cis-1,2-Dichloroethene

Concen: 8.741 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU039873.D

Acq: 14 Aug 2020 21:20

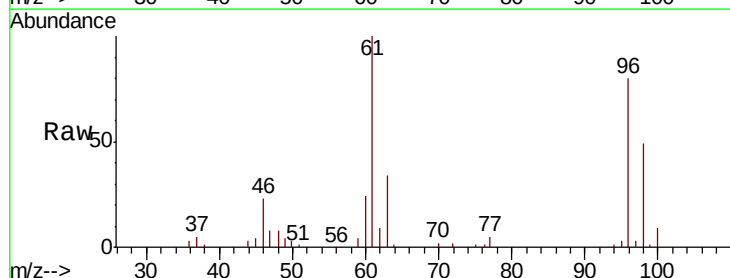
Tgt Ion: 96 Resp: 44767

Ion Ratio Lower Upper

96 100

61 124.4 87.4 162.2

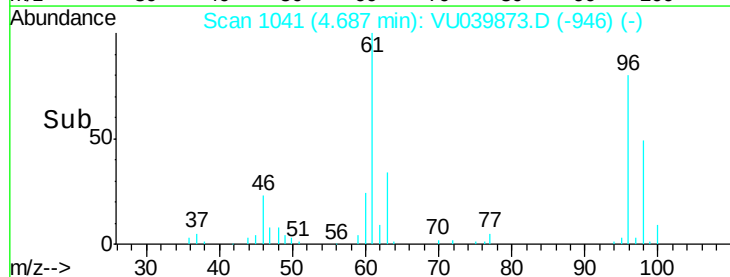
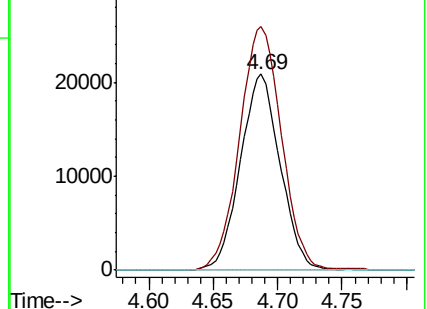
68 0.0 0.0 0.0

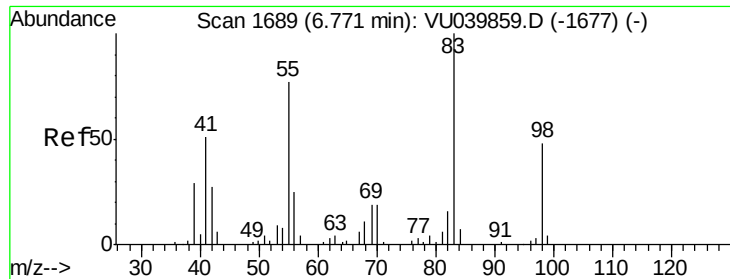


Abundance Ion 96.00 (95.70 to 96.70): VU039873.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU039873.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU039873.D (-946) (-)

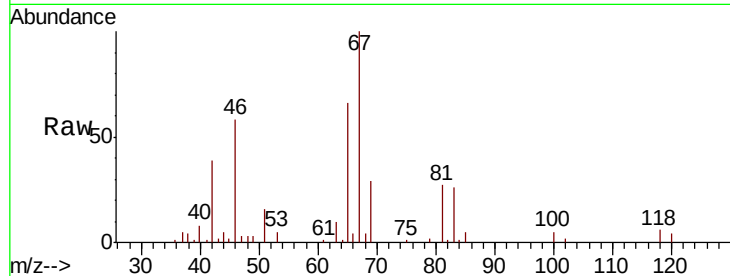




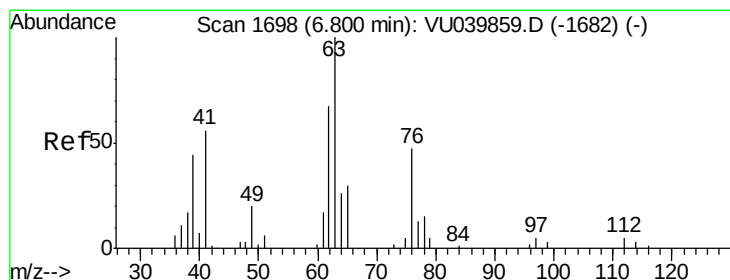
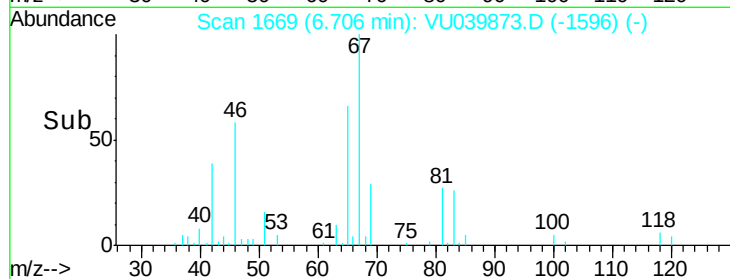
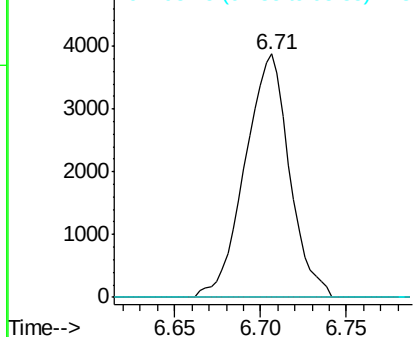
#35
Methylvlcyclohexane
Concen: 0.884 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU039873.D
Acq: 14 Aug 2020 21:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6938
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.6 39.0 58.4#

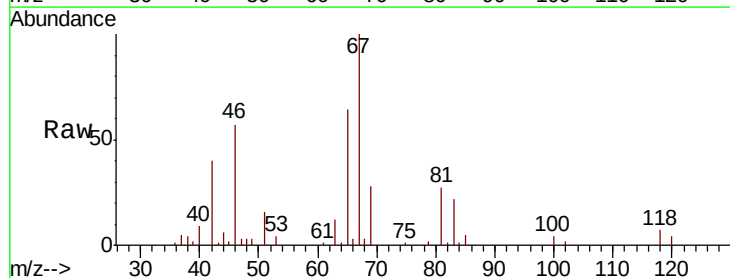


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

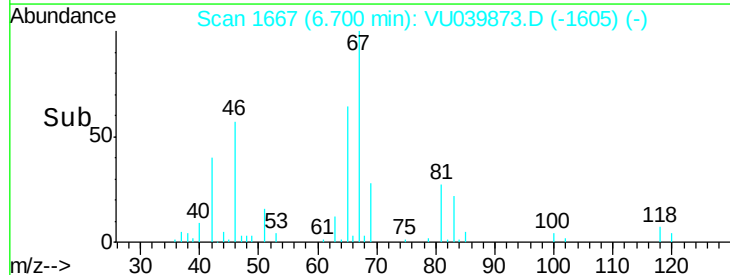
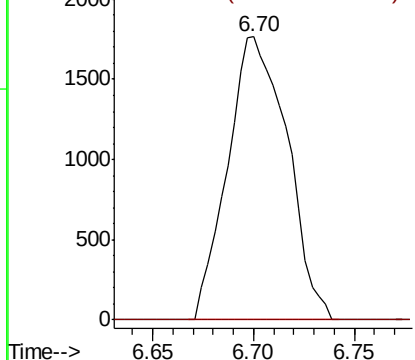


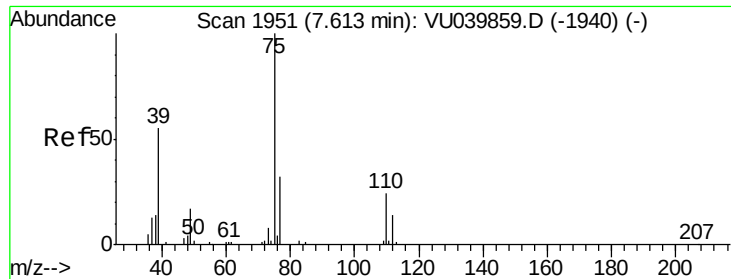
#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039873.D
Acq: 14 Aug 2020 21:20

Tgt Ion: 63 Resp: 3646
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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: 0.116 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039873.D

Acq: 14 Aug 2020 21:20

Instrument :

MSVOA_U

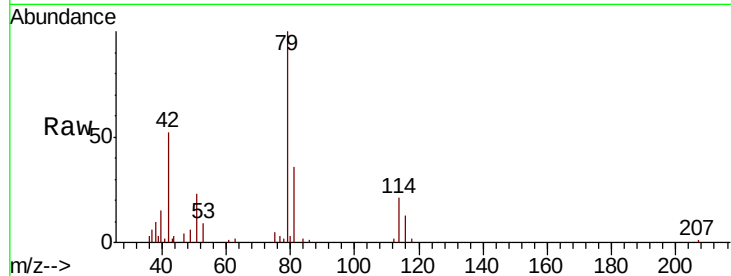
ClientSampleId :

Tot Ion: 75 Resp: 794

Ion Ratio Lower Upper

75 100

77 57.4 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

500

400

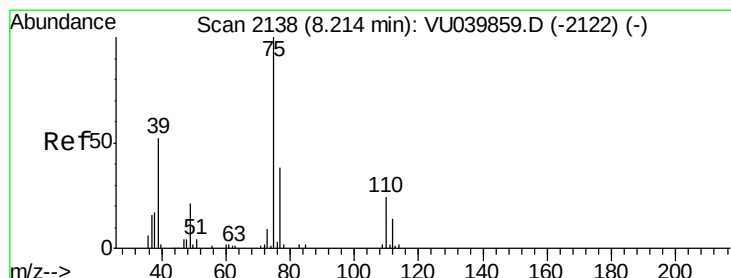
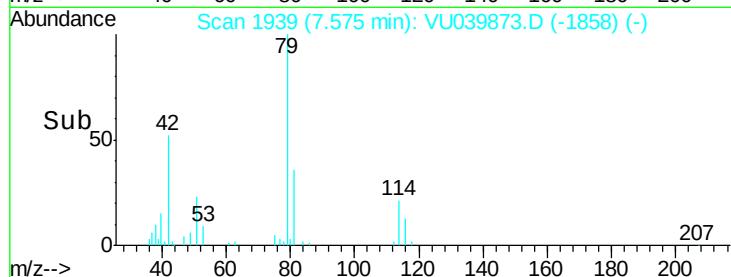
300

200

100

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.140 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU039873.D

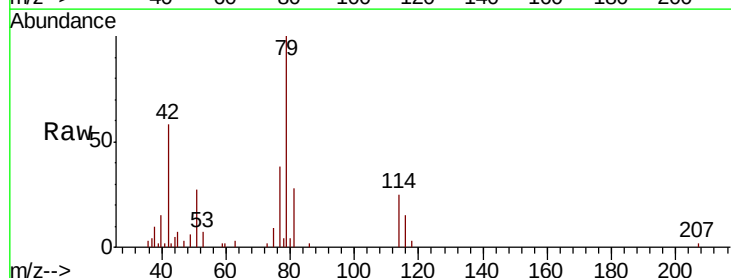
Acq: 14 Aug 2020 21:20

Tgt Ion: 75 Resp: 866

Ion Ratio Lower Upper

75 100

77 397.5 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

3000

2500

2000

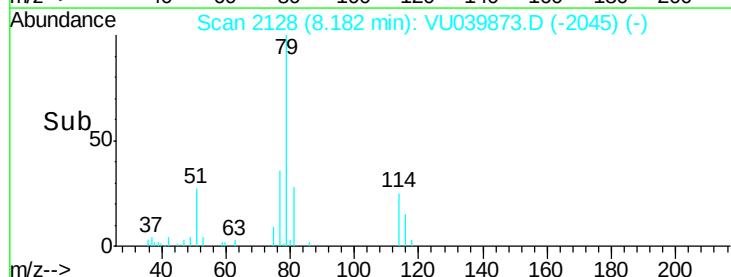
1500

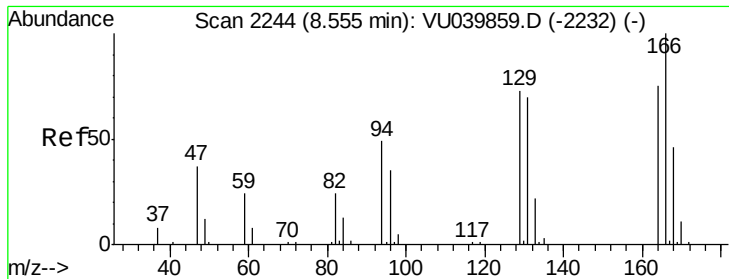
1000

500

0

Time-->





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 8.56 min Scan# 2244

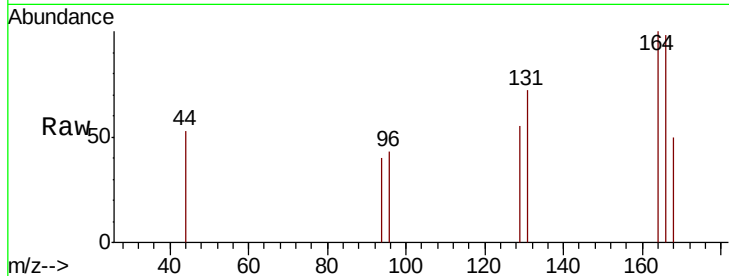
Delta R.T. -0.00 min

Lab File: VU039873.D

Acq: 14 Aug 2020 21:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	164	Resp:	411
Ion	Ratio	Lower	Upper
164	100		
129	54.8	65.9	122.5#
131	72.0	68.1	126.5
166	97.8	84.5	156.9



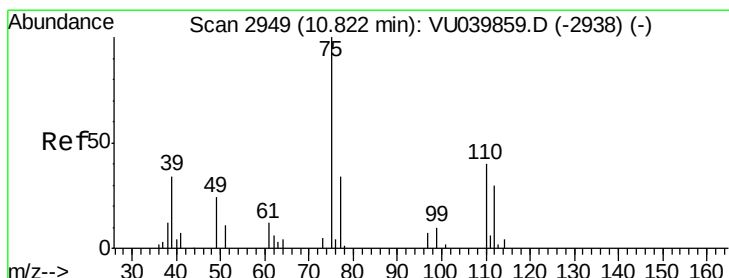
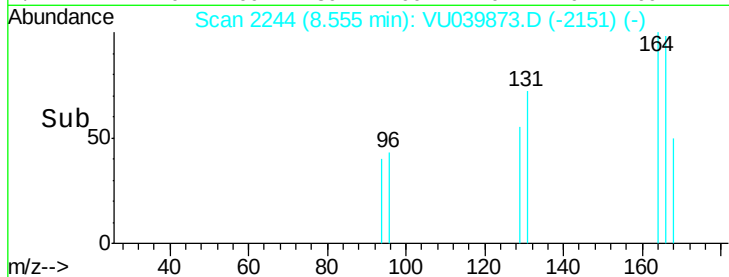
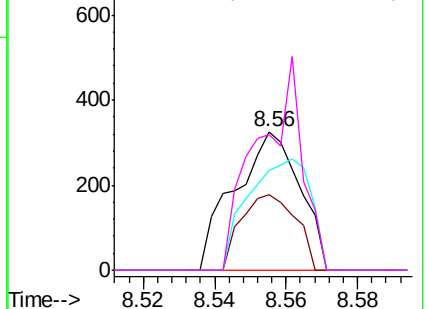
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#59

1,2,3-Trichloropropane

Concen: 1.368 ug/L

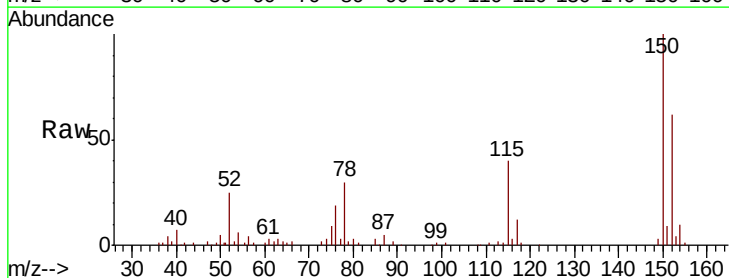
RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039873.D

Acq: 14 Aug 2020 21:20

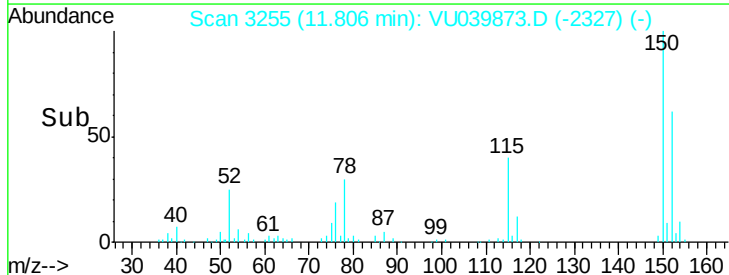
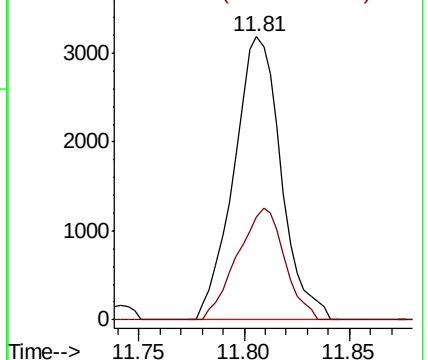
Tgt Ion:	75	Resp:	4965
Ion	Ratio	Lower	Upper
75	100		
77	39.3	24.6	37.0#

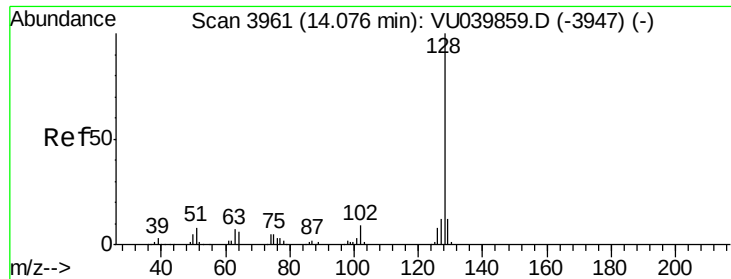


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.118 ug/L

RT: 14.07 min Scan# 3960

Delta R.T. -0.00 min

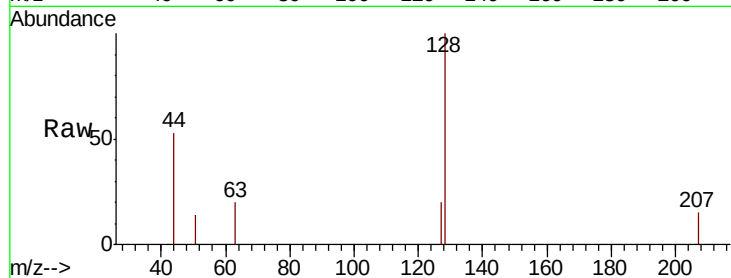
Lab File: VU039873.D

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Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:	128	Resp:	1355
Ion	Ratio	Lower	Upper
128	100		
129	5.4	8.9	13.3#
127	11.4	10.1	15.1

