

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081720\
 Data File : VU039882.D
 Acq On : 17 Aug 2020 13:03
 Operator : SY/MD
 Sample : L3517-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L32

Quant Time: Aug 18 04:26:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25198	6.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.20%
7) Chloroethane-d5	1.92	69	19334	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	26542	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.65	46	103229	57.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.74%
24) Chloroform-d	5.08	84	47156	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	29227	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.75	84	83327	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	29746	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	65424	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	12166	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.64	63	73226	57.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29099	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31845	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

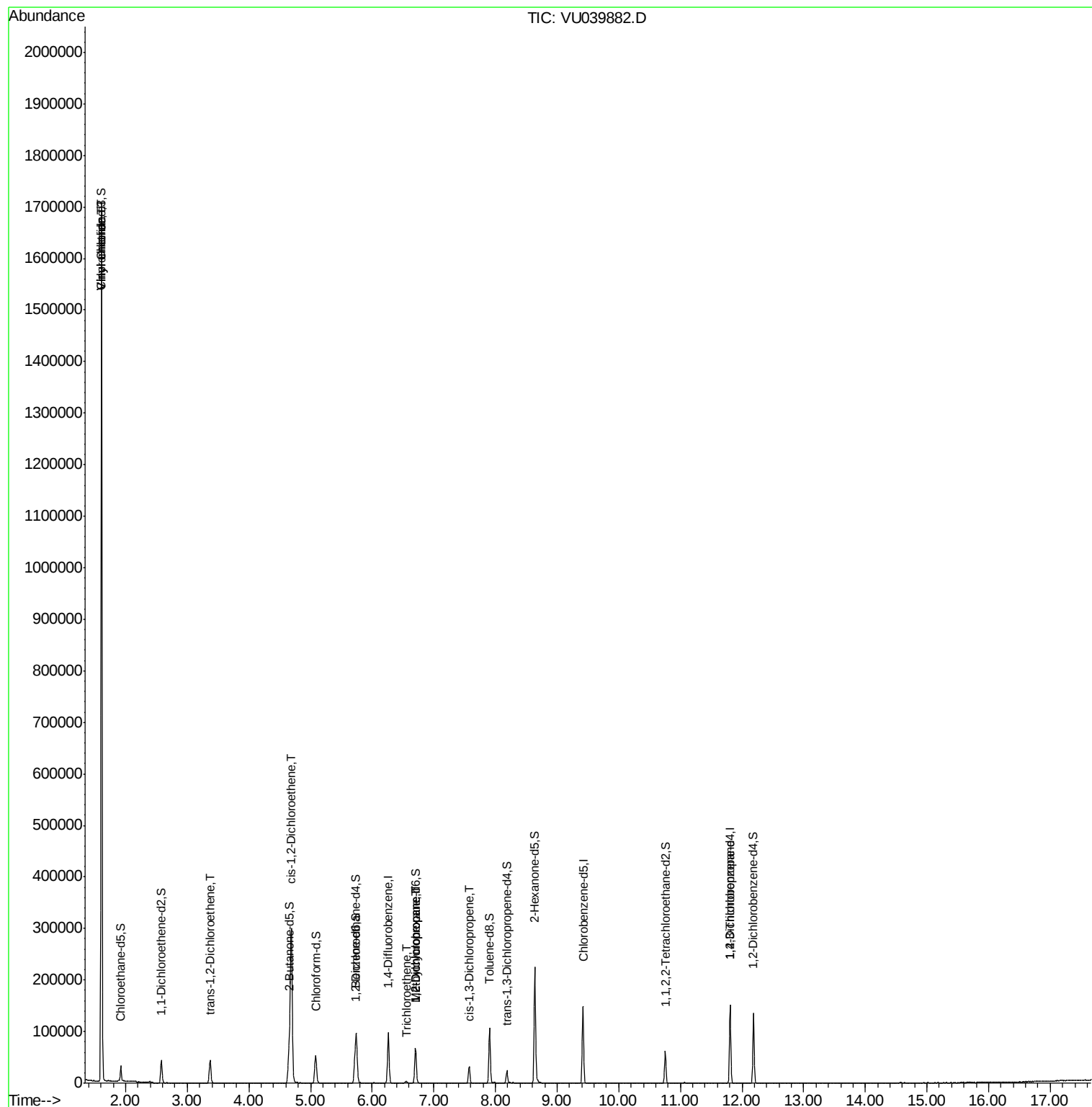
					Ovalue
3) Chloromethane	1.61	50	8762	1.376 ug/L #	47
5) Vinyl chloride	1.61	62	1071381	175.427 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	18039	3.616 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	141770	26.129 ug/L	96
34) Trichloroethene	6.55	95	896	0.167 ug/L #	80
35) Methylcyclohexane	6.70	83	7161	0.838 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	3423	0.625 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	912	0.122 ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	5175	1.310 ug/L #	85

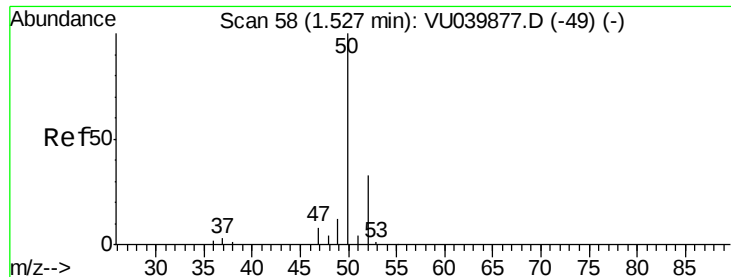
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.376 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.08 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

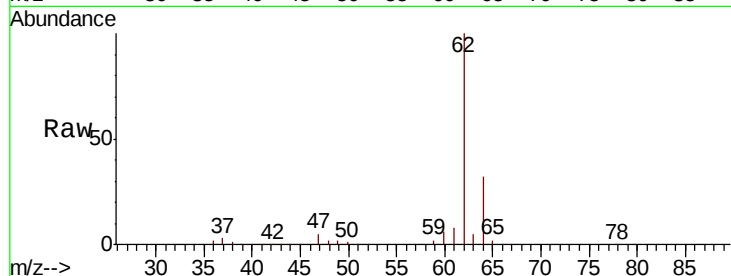
F4L32

Tot Ion: 50 Resp: 8762

Ion Ratio Lower Upper

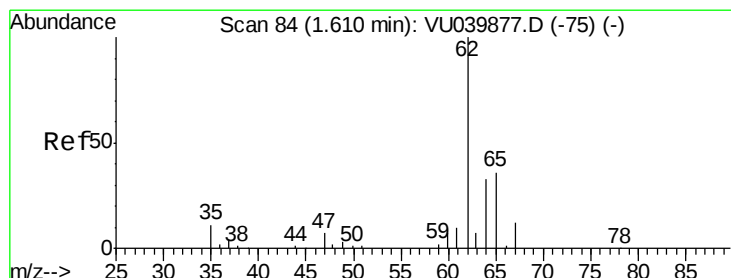
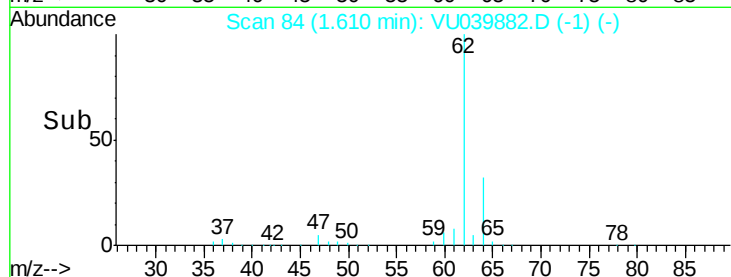
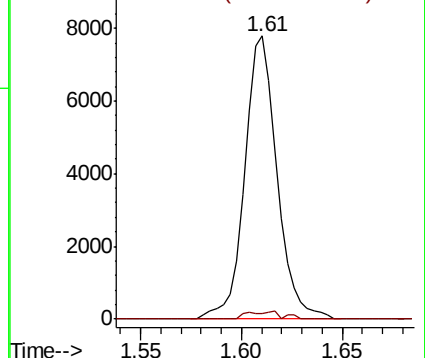
50 100

52 2.0 21.6 40.0#



Abundance Ion 50.05 (49.75 to 50.75): VU039877.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039877.D (-49) (-)



#5

Vinyl chloride

Concen: 175.427 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039882.D

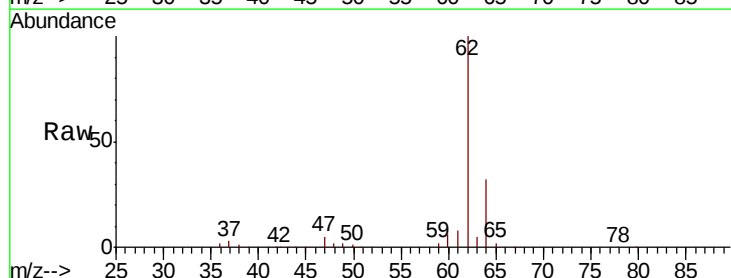
Acq: 17 Aug 2020 13:03

Tgt Ion: 62 Resp: 1071381

Ion Ratio Lower Upper

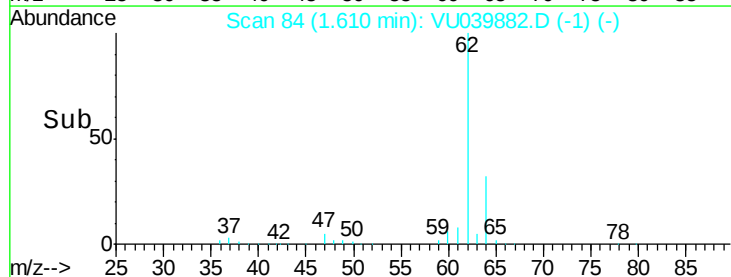
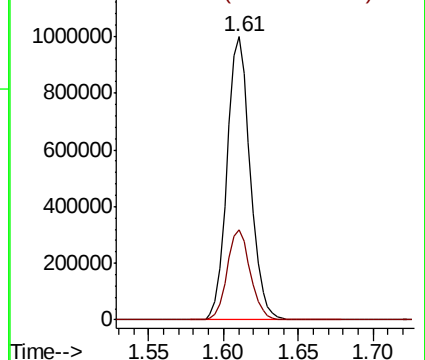
62 100

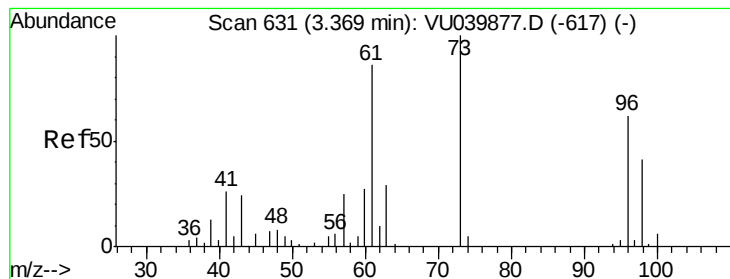
64 31.7 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039877.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039877.D (-75) (-)





#18

trans-1,2-Dichloroethene

Concen: 3.616 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

F4L32

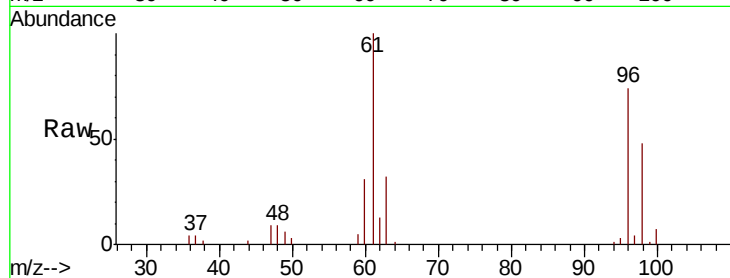
Tot Ion: 96 Resp: 18039

Ion Ratio Lower Upper

96 100

61 134.8 96.5 179.1

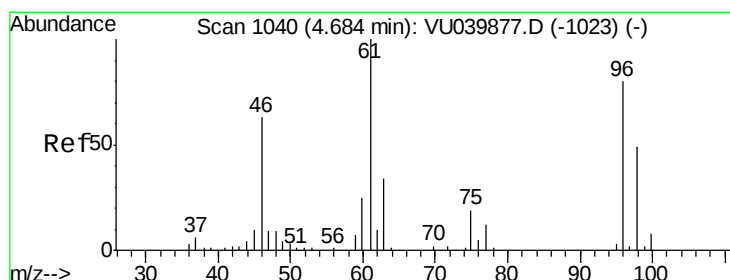
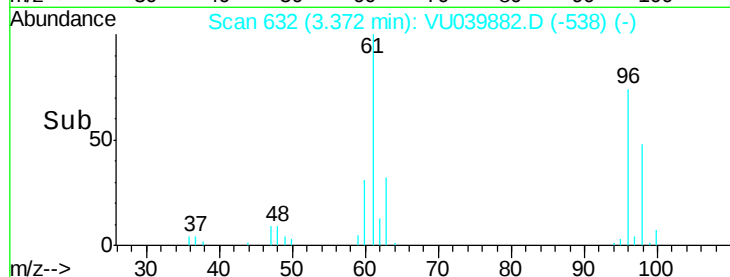
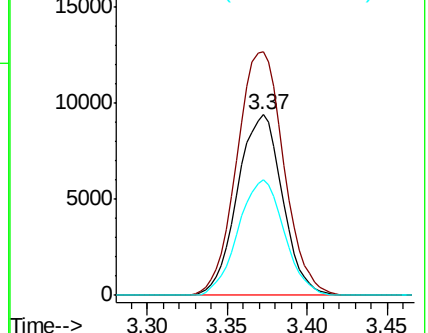
98 64.3 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039882.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU039882.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU039882.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 26.129 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

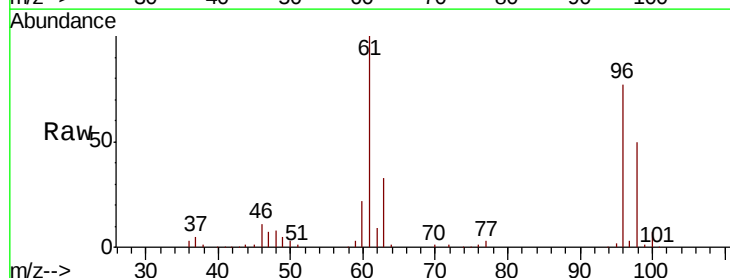
Tgt Ion: 96 Resp: 141770

Ion Ratio Lower Upper

96 100

61 129.6 87.4 162.2

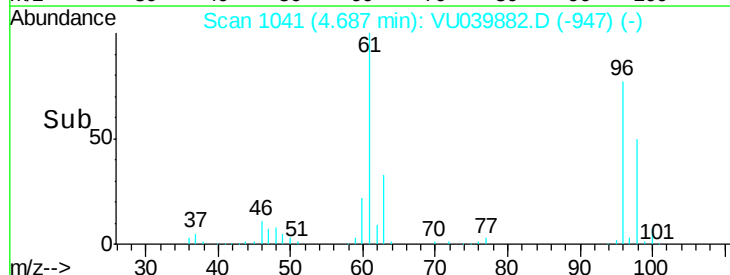
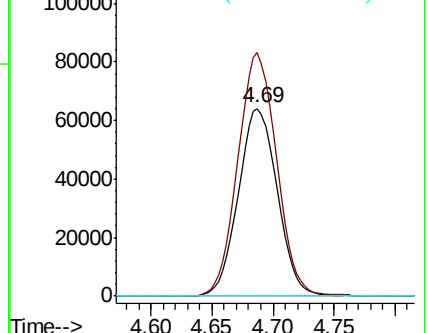
68 0.0 0.0 0.0

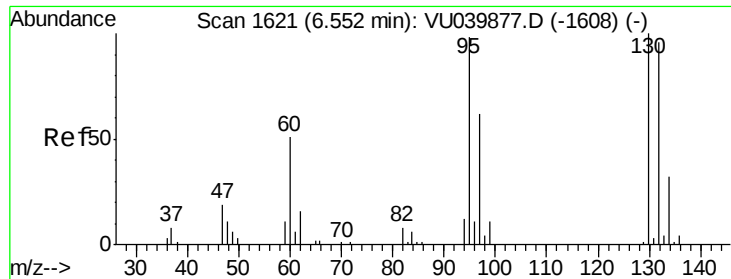


Abundance Ion 96.00 (95.70 to 96.70): VU039882.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039882.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039882.D (-947) (-)

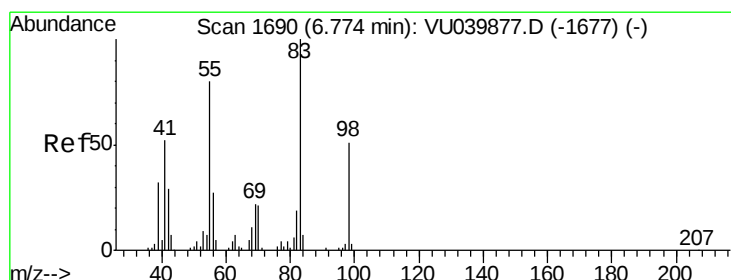
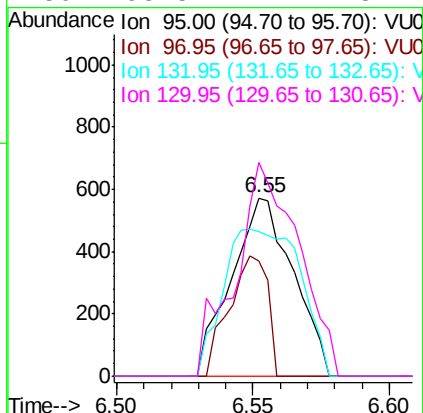
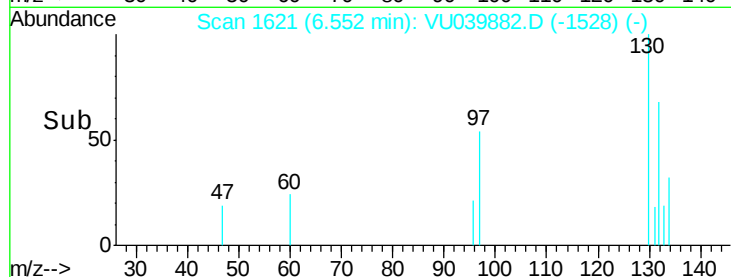
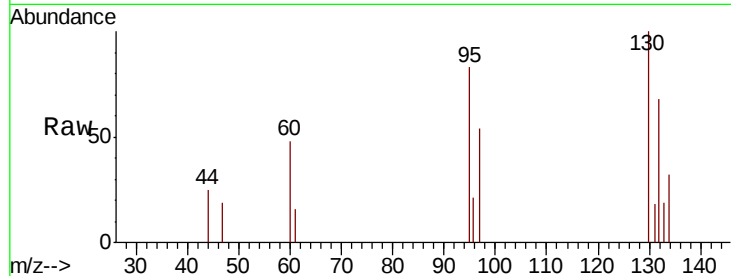




#34
 Trichloroethene
 Concen: 0.167 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU039882.D
 Acq: 17 Aug 2020 13:03

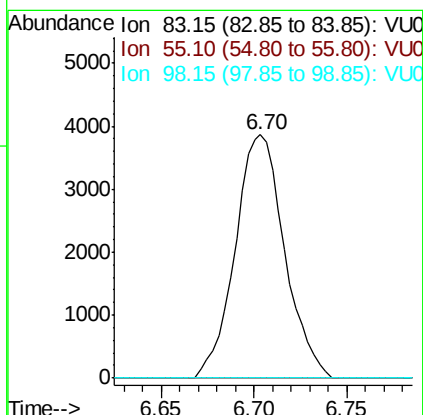
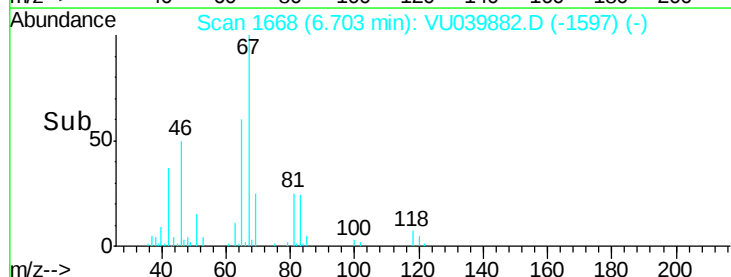
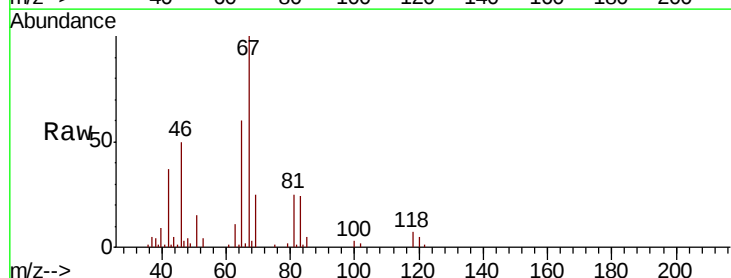
Instrument :
 MSVOA_U
 ClientSampled :
 F4L32

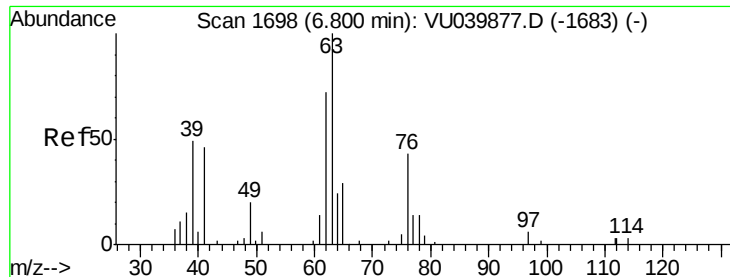
Tot Ion: 95 Resp: 896
 Ion Ratio Lower Upper
 95 100
 97 51.3 44.0 81.8
 132 64.9 71.7 133.3#
 130 95.5 71.1 132.1



#35
 Methylcyclohexane
 Concen: 0.838 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU039882.D
 Acq: 17 Aug 2020 13:03

Tgt Ion: 83 Resp: 7161
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.0#
 98 2.6 39.0 58.4#

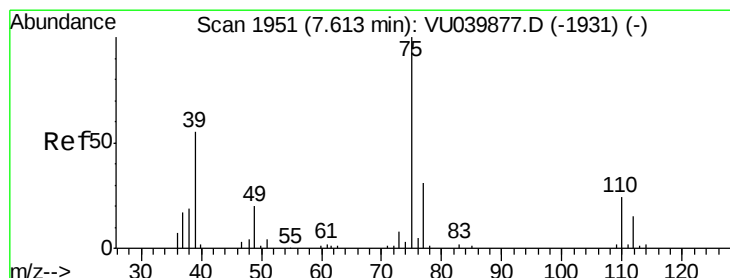
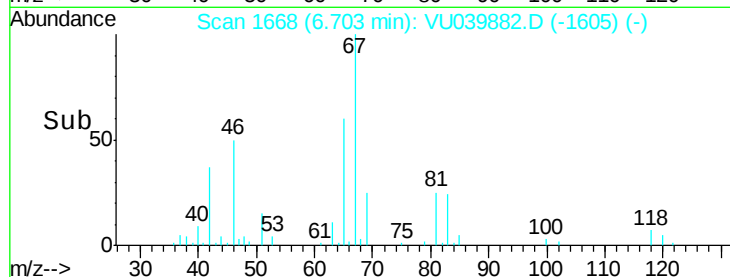
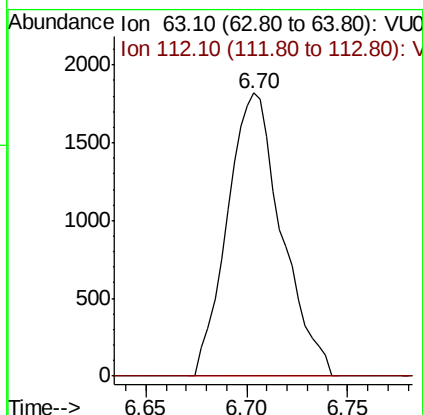
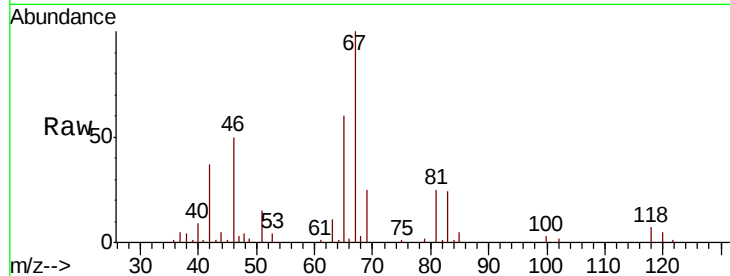




#37
 1,2-Dichloropropane
 Concen: 0.625 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039882.D
 Acq: 17 Aug 2020 13:03

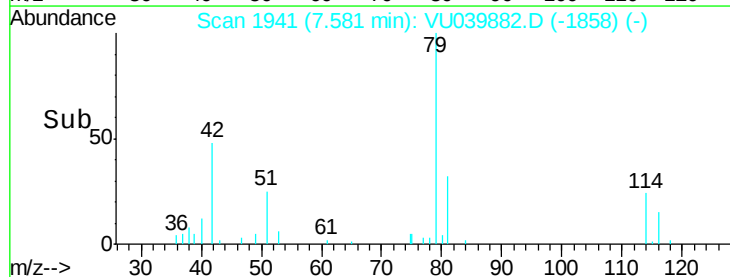
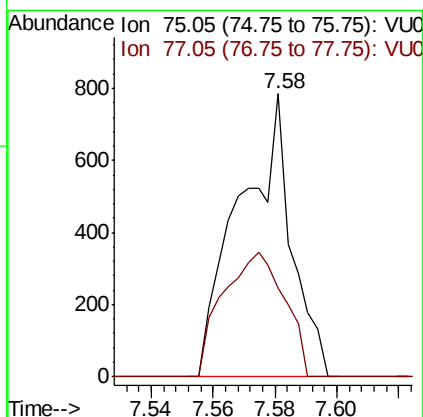
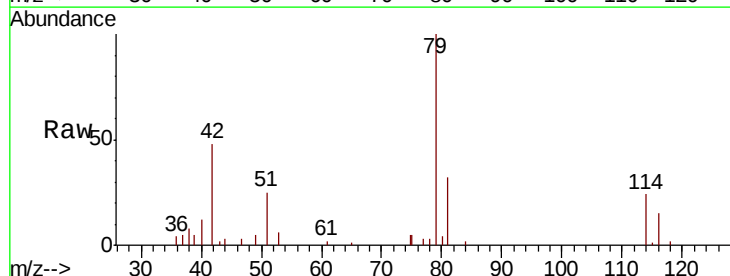
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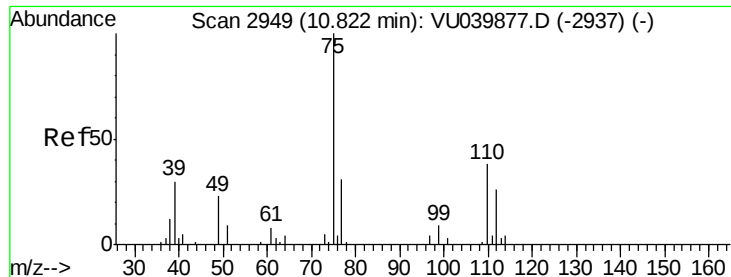
Tot Ion: 63 Resp: 3423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: VU039882.D
 Acq: 17 Aug 2020 13:03

Tgt Ion: 75 Resp: 912
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 1.310 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

F4L32

Tot Ion: 75 Resp: 5175

Ion Ratio Lower Upper

75 100

77 39.2 24.6 37.0#

