

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039770.D
 Acq On : 06 Aug 2020 20:38
 Operator : SY/MD
 Sample : L3590-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21324	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	22428	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	31031	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.65	46	89710	47.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	5.08	84	51322	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	30650	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	91283	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	32241	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	73954	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	10543	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	65256	51.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28013	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33100	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

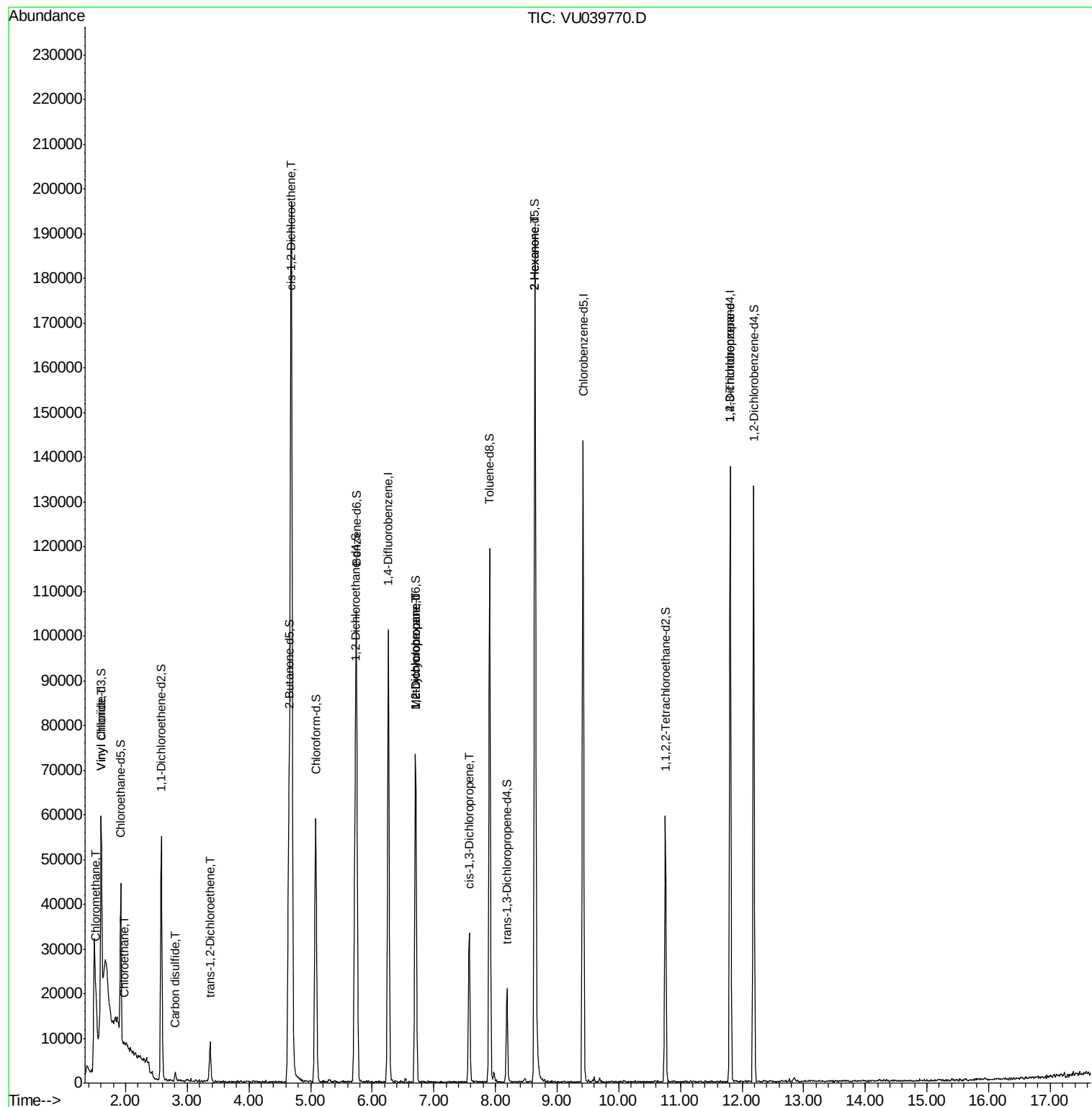
					Ovalue
3) Chloromethane	1.52	50	1495	0.221 ug/L	96
5) Vinyl chloride	1.61	62	5964	0.920 ug/L #	1
8) Chloroethane	1.98	64	583	0.123 ug/L #	54
14) Carbon disulfide	2.81	76	2354	0.158 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	3102	0.586 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	94812	16.465 ug/L	97
35) Methylcyclohexane	6.70	83	7475	0.880 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4118	0.756 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	811	0.109 ug/L #	40
48) 2-Hexanone	8.64	43	8855	3.014 ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	4649	1.184 ug/L	93

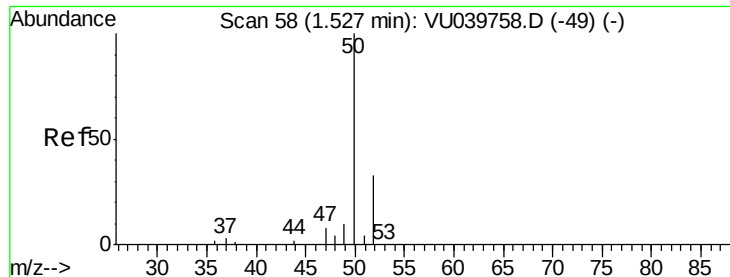
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.221 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU039770.D

Acq: 06 Aug 2020 20:38

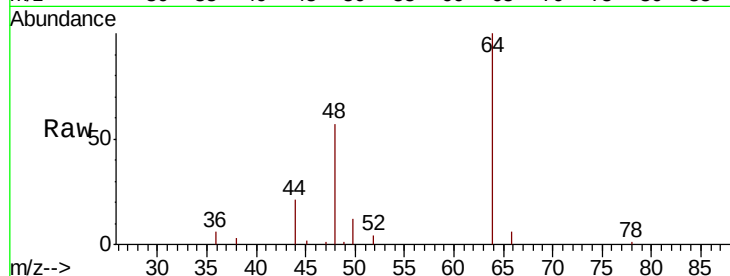
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 1495

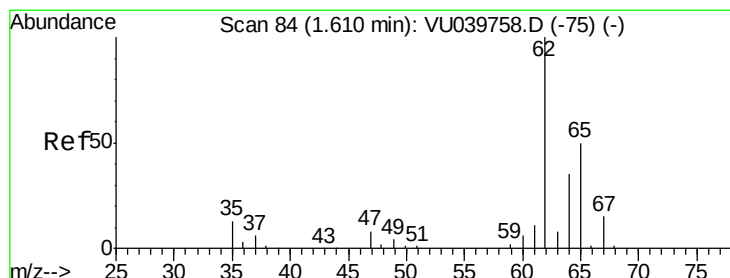
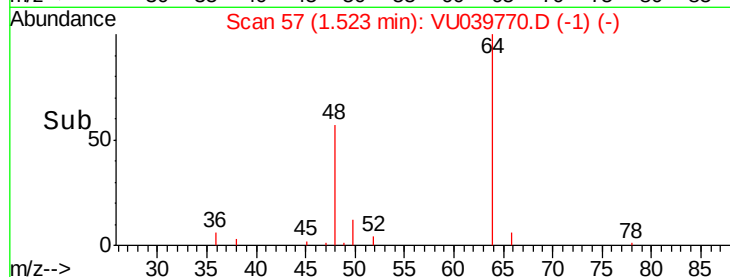
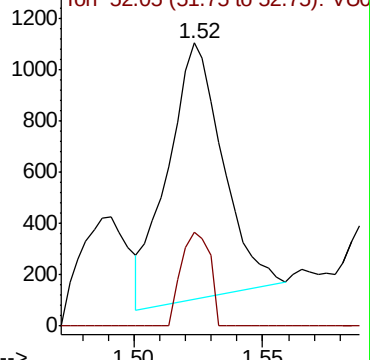
Ion Ratio Lower Upper

50 100

52 33.2 21.6 40.0



Abundance Ion 50.05 (49.75 to 50.75): VU039770.D (-1) (-)



#5

Vinyl chloride

Concen: 0.920 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039770.D

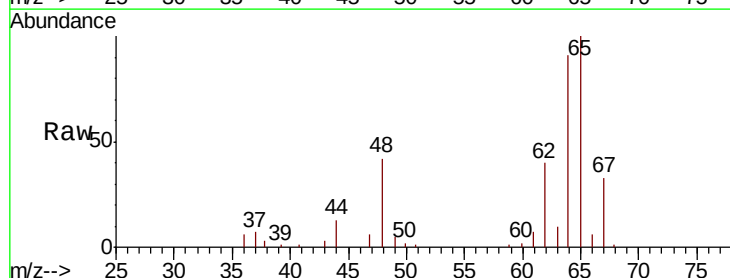
Acq: 06 Aug 2020 20:38

Tgt Ion: 62 Resp: 5964

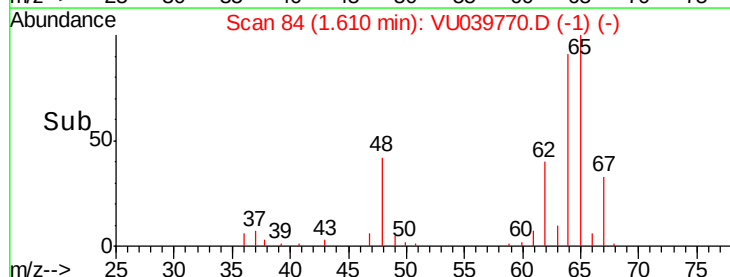
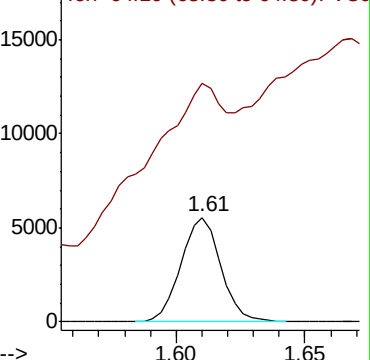
Ion Ratio Lower Upper

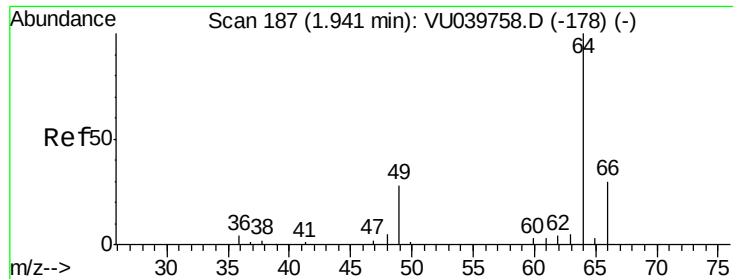
62 100

64 228.7 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU039770.D (-1) (-)

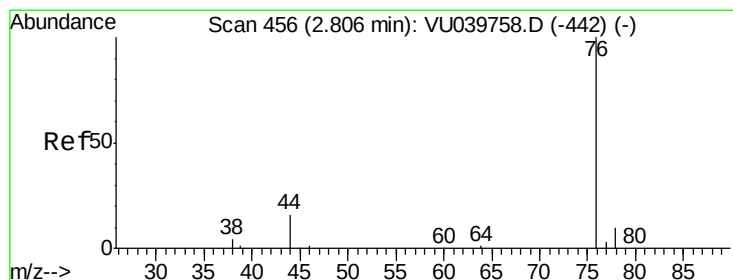
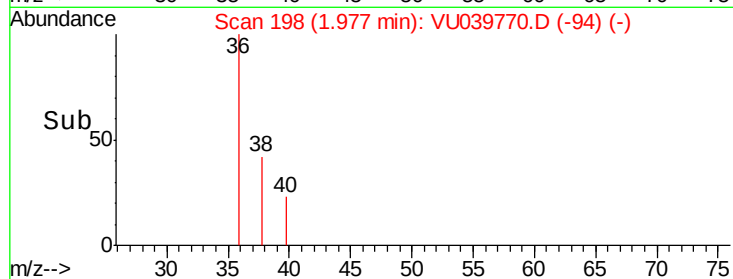
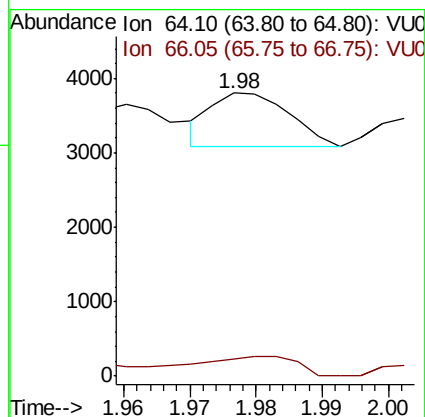
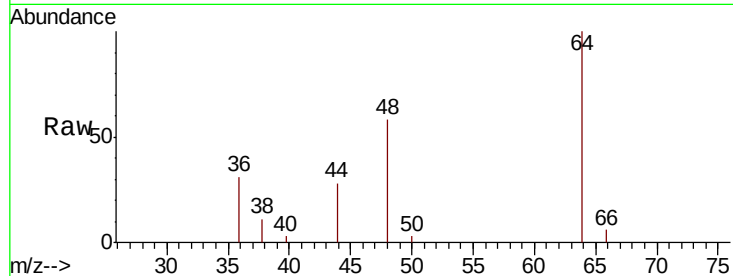




#8
Chloroethane
Concen: 0.123 ug/L
RT: 1.98 min Scan# 198
Delta R.T. 0.04 min
Lab File: VU039770.D
Acq: 06 Aug 2020 20:38

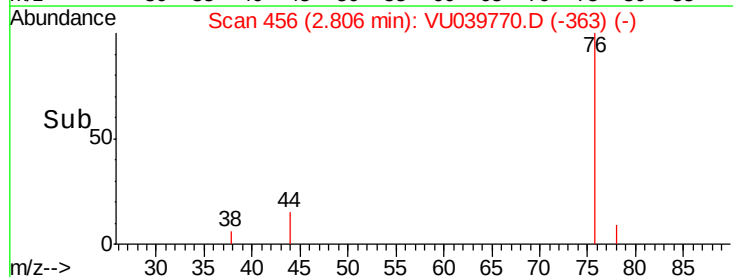
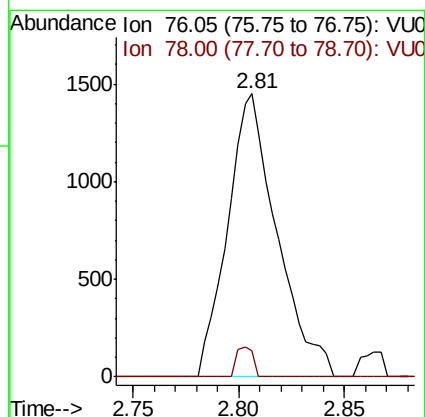
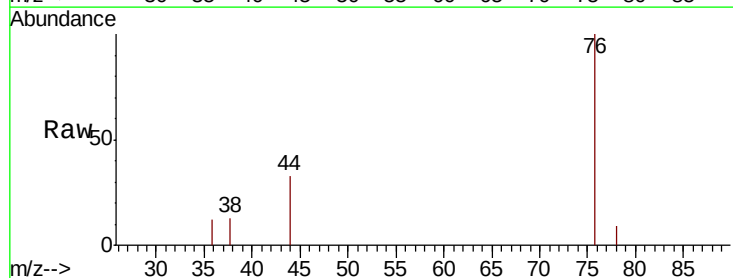
Instrument :
MSVOA_U
ClientSampleId :

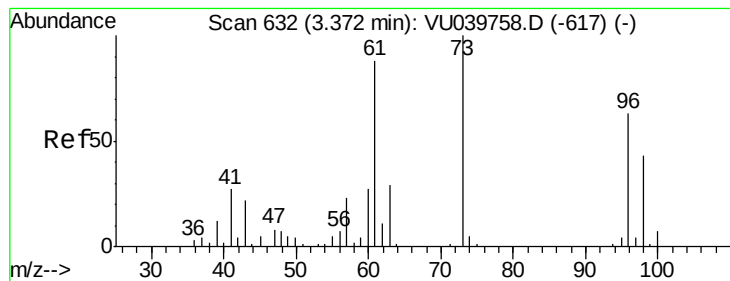
Tot Ion: 64 Resp: 583
Ion Ratio Lower Upper
64 100
66 6.2 22.3 41.3#



#14
Carbon disulfide
Concen: 0.158 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU039770.D
Acq: 06 Aug 2020 20:38

Tgt Ion: 76 Resp: 2354
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6





#18

trans-1,2-Dichloroethene

Concen: 0.586 ug/L

RT: 3.37 min Scan# 632

Delta R.T. -0.00 min

Lab File: VU039770.D

Acq: 06 Aug 2020 20:38

Instrument :

MSVOA_U

ClientSampleId :

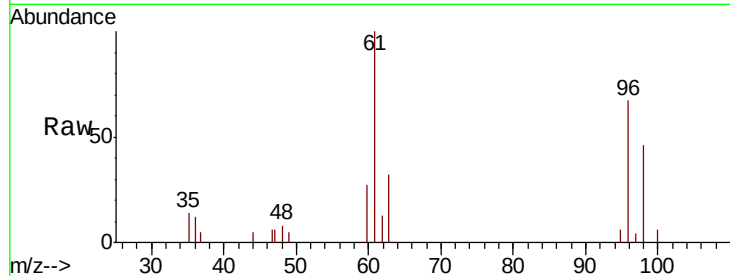
Tot Ion: 96 Resp: 3102

Ion Ratio Lower Upper

96 100

61 148.3 96.5 179.1

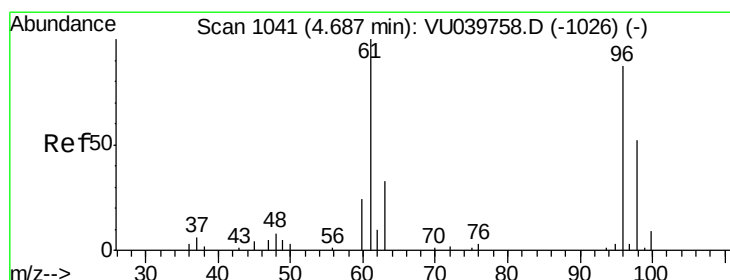
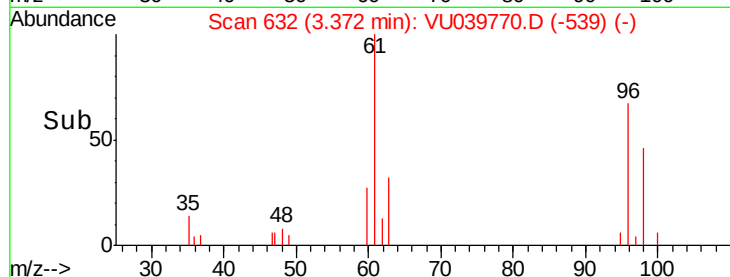
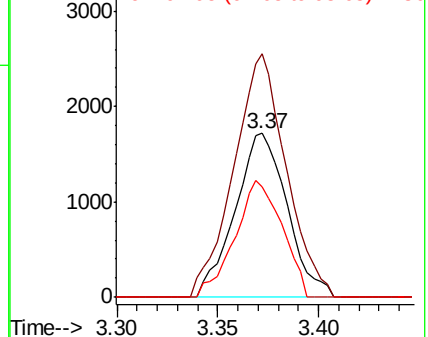
98 67.5 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 16.465 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039770.D

Acq: 06 Aug 2020 20:38

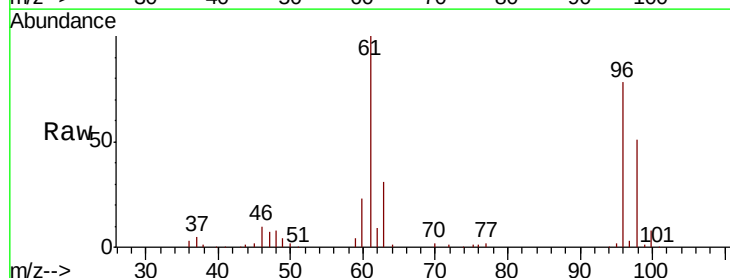
Tgt Ion: 96 Resp: 94812

Ion Ratio Lower Upper

96 100

61 127.8 87.4 162.2

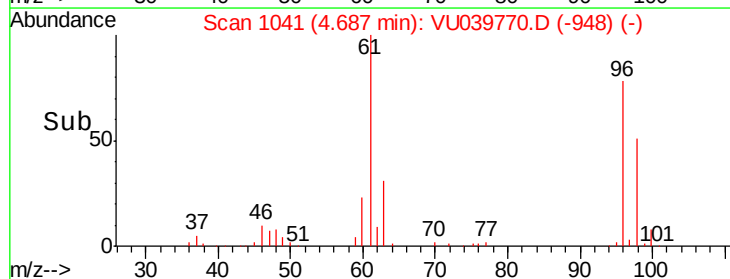
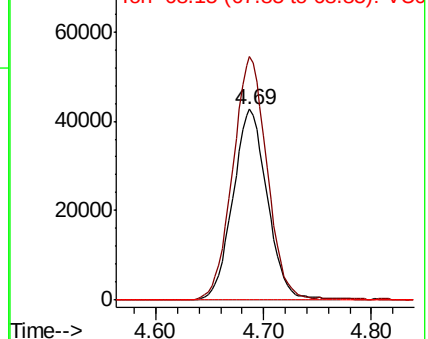
68 0.0 0.0 0.0

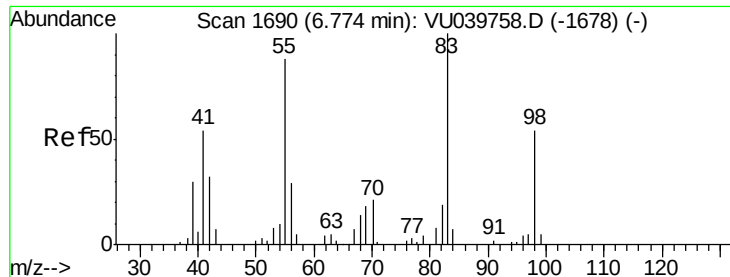


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

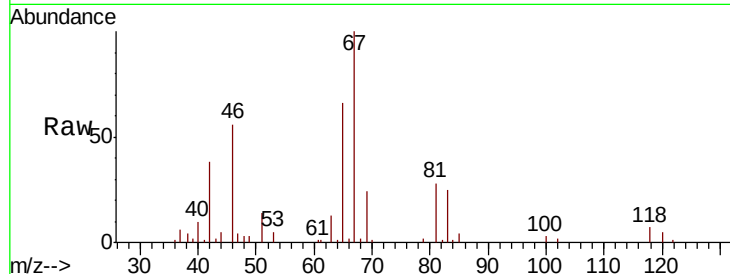




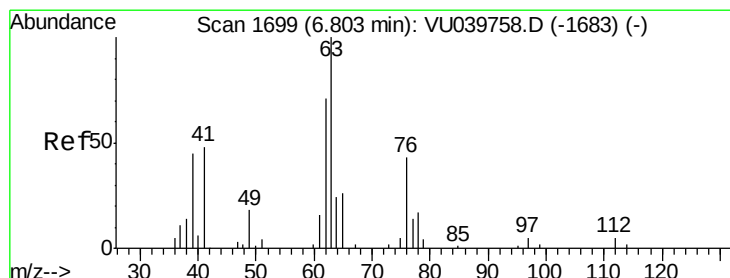
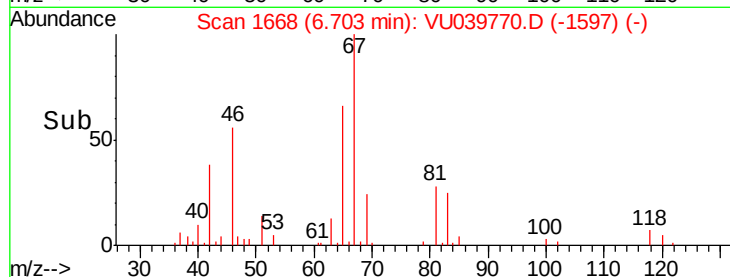
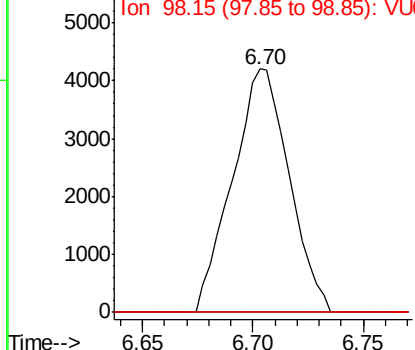
#35
Methylvlcyclohexane
Concen: 0.880 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039770.D
Acq: 06 Aug 2020 20:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7475
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 1.3 39.0 58.4#

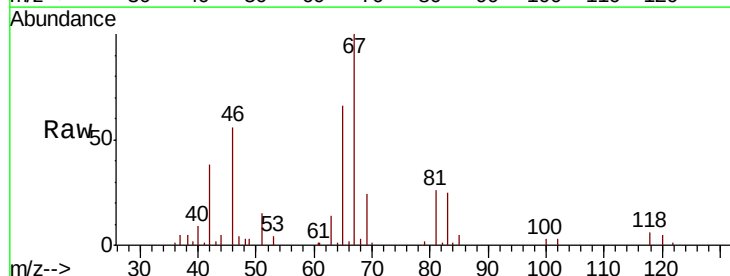


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

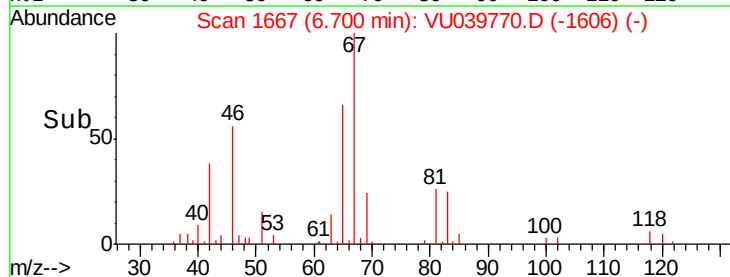
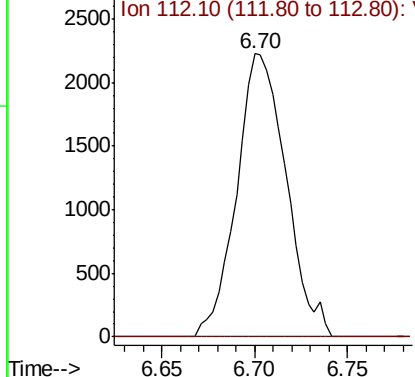


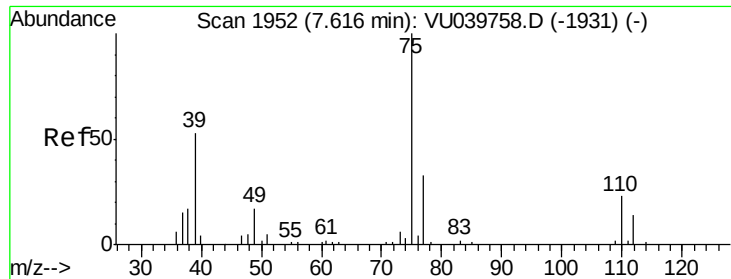
#37
1,2-Dichloropropane
Concen: 0.756 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039770.D
Acq: 06 Aug 2020 20:38

Tgt Ion: 63 Resp: 4118
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

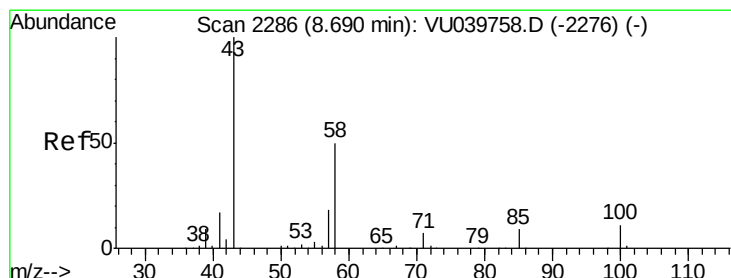
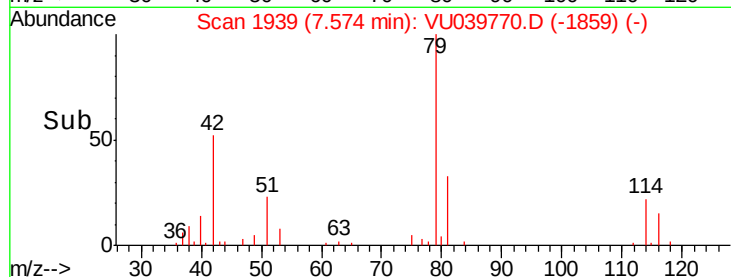
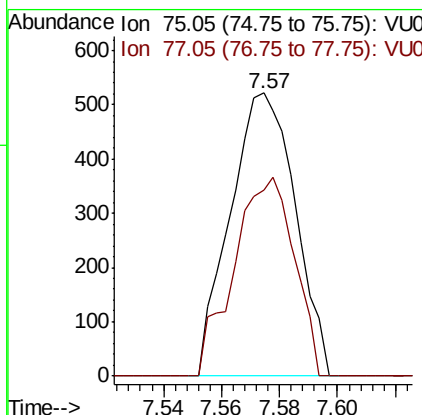
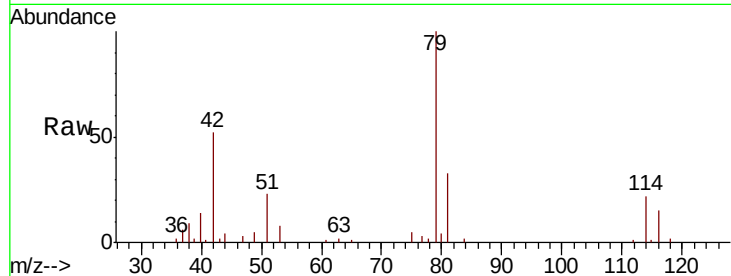




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039770.D
 Acq: 06 Aug 2020 20:38

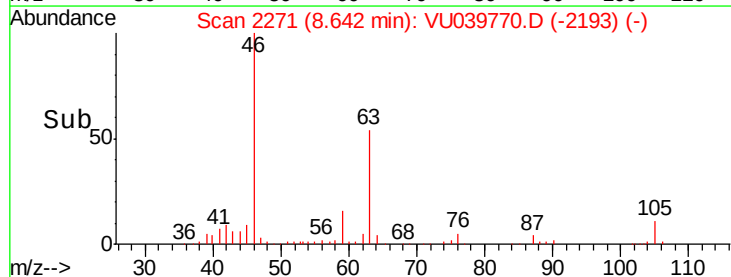
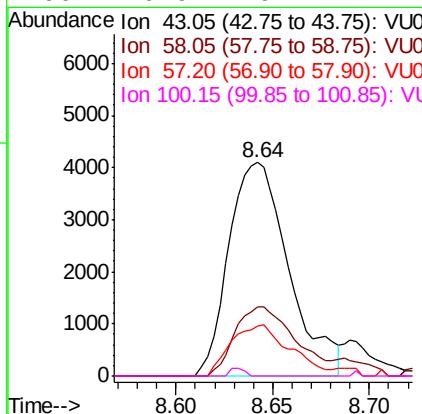
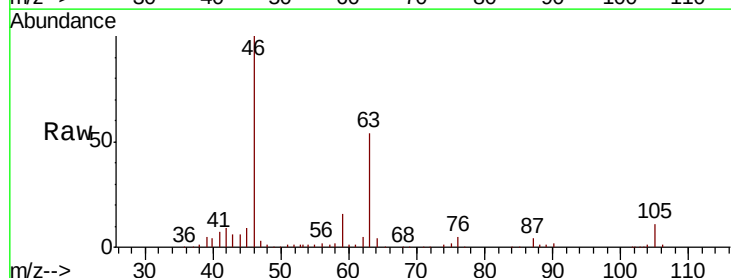
Instrument :
 MSVOA_U
 ClientSampleId :

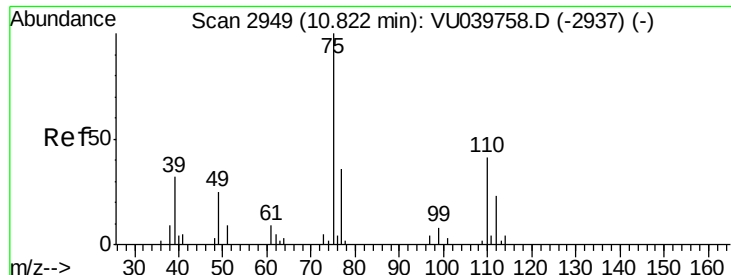
Tot Ion: 75 Resp: 811
 Ion Ratio Lower Upper
 75 100
 77 65.5 22.4 41.6#



#48
 2-Hexanone
 Concen: 3.014 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU039770.D
 Acq: 06 Aug 2020 20:38

Tgt Ion: 43 Resp: 8855
 Ion Ratio Lower Upper
 43 100
 58 32.7 41.8 62.8#
 57 23.7 14.2 21.4#
 100 0.9 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039770.D

Acq: 06 Aug 2020 20:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4649

Ion Ratio Lower Upper

75 100

77 34.9 24.6 37.0

