

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041840.D
 Acq On : 04 Jan 2021 12:55
 Operator : SY/MD
 Sample : L5254-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 05 01:01:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 05 01:00:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	145360	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	57281	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.92	69	55072	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.20%
11) 1,1-Dichloroethene-d2	2.58	63	81240	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.66	46	162665	49.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	5.08	84	105672	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.72	65	59805	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	204649	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	66165	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.90	98	169992	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	25842	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.64	63	136419	42.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56749	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	60547	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

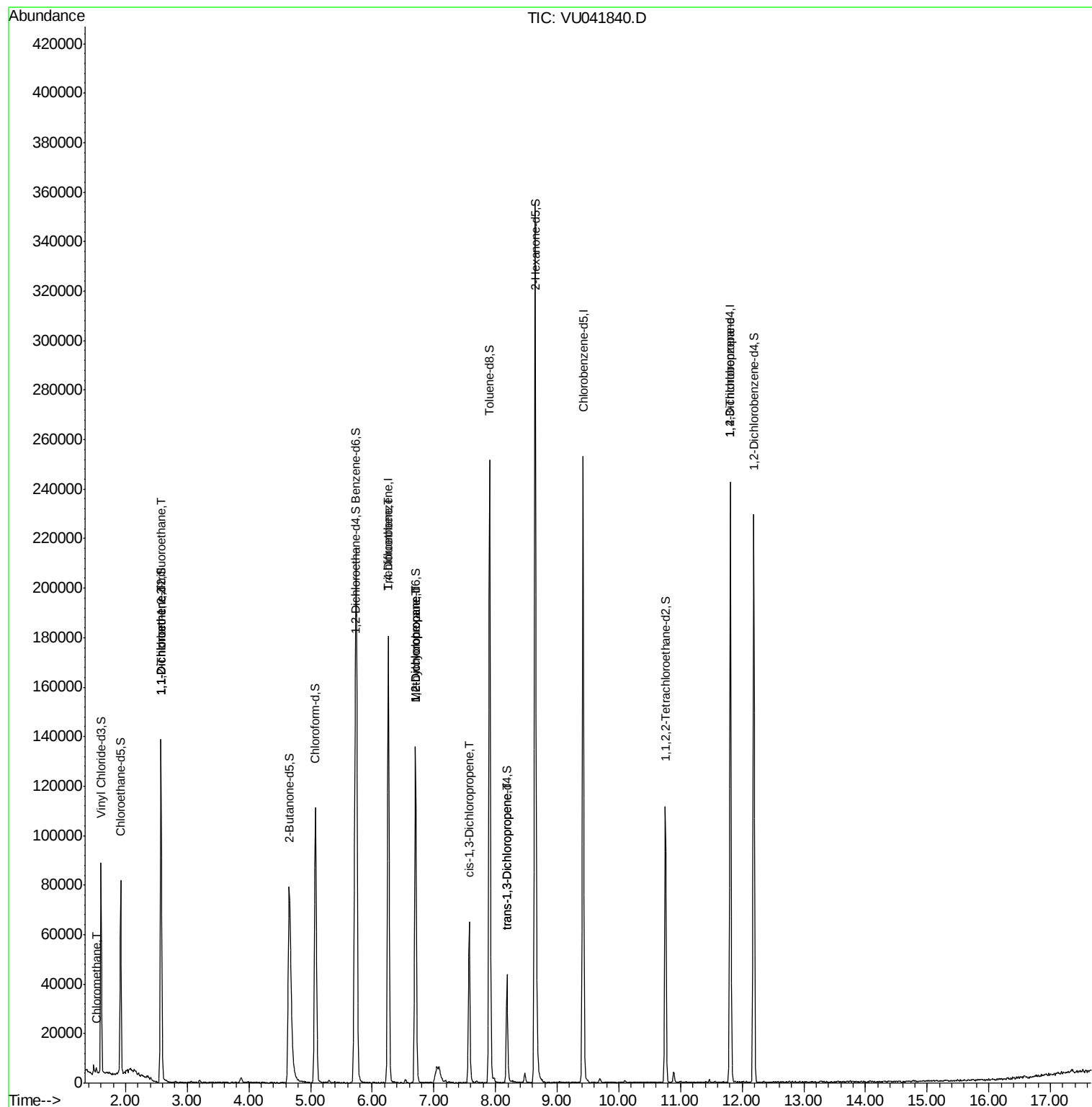
					Ovalue
3) Chloromethane	1.52	50	1572	0.131 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	840	0.084 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	623	0.063 ug/L #	1
34) Trichloroethene	6.26	95	2609	0.221 ug/L #	7
35) Methylcyclohexane	6.70	83	14899	0.781 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	7116	0.592 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1455	0.082 ug/L #	46
44) trans-1,3-Dichloropropene	8.19	75	964	0.061 ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	7109	0.788 ug/L	91

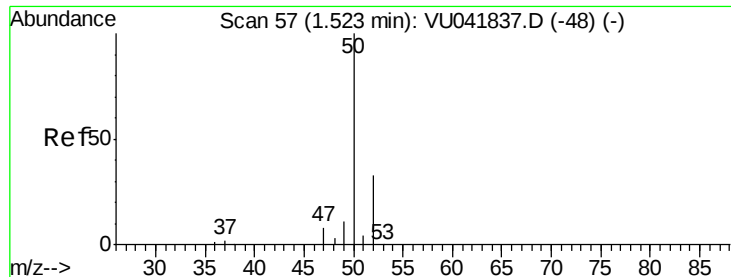
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 05 01:00:34 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.131 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041840.D

Acq: 04 Jan 2021 12:55

Instrument :

MSVOA_U

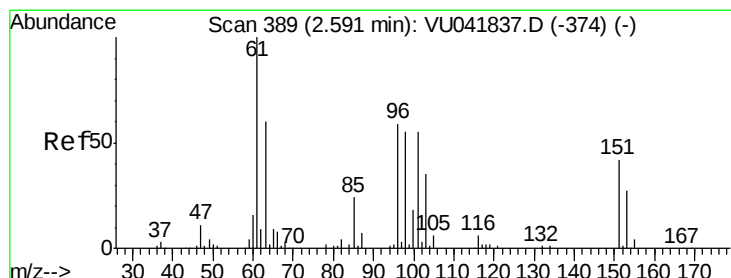
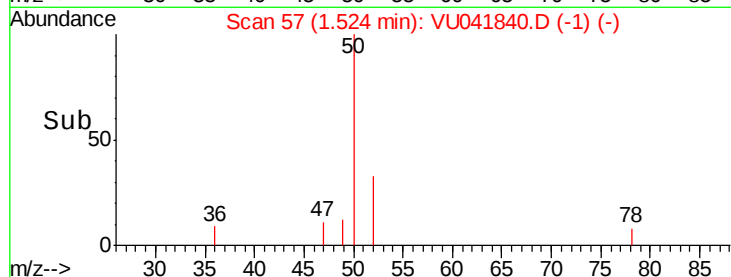
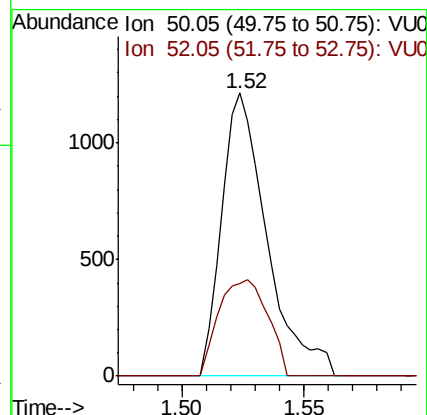
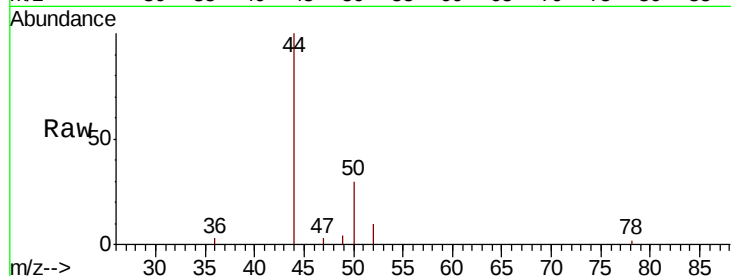
ClientSampled :

Tot Ion: 50 Resp: 1572

Ion Ratio Lower Upper

50 100

52 32.6 24.1 44.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.084 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041840.D

Acq: 04 Jan 2021 12:55

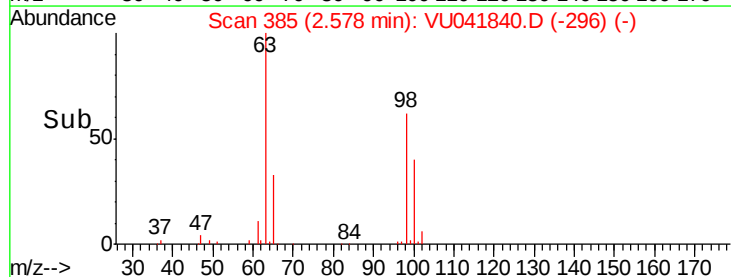
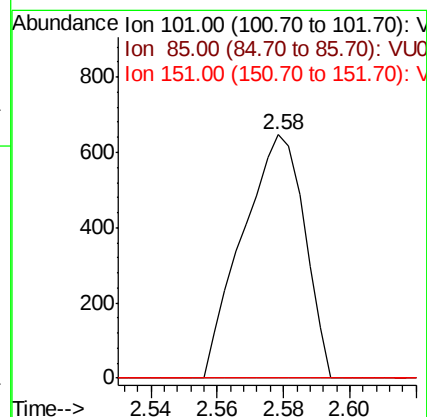
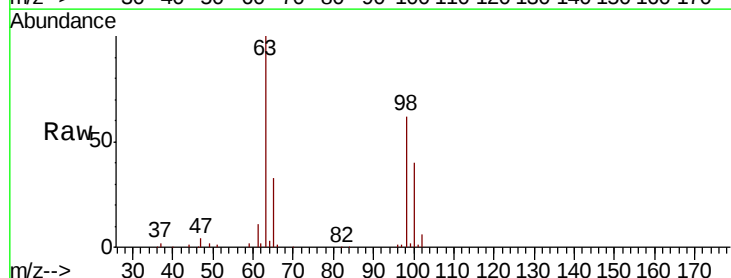
Tgt Ion:101 Resp: 840

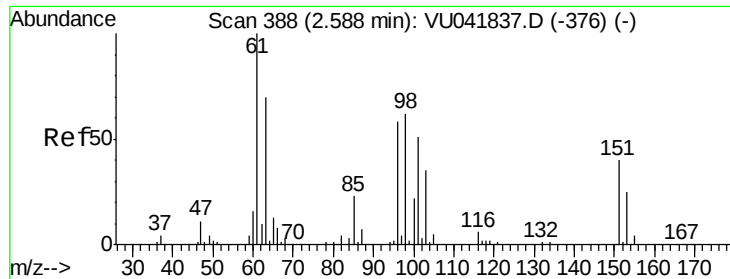
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.58 min Scan# 384

Delta R.T. -0.01 min

Lab File: VU041840.D

Acq: 04 Jan 2021 12:55

Instrument :

MSVOA_U

ClientSampleId :

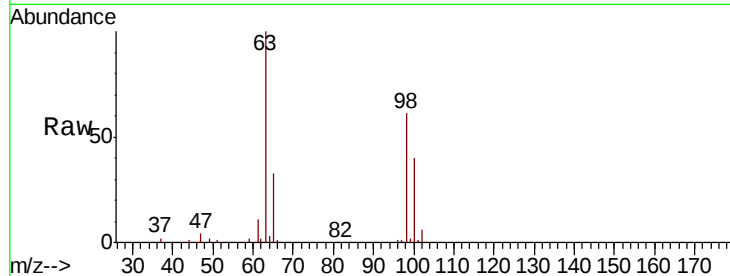
Tot Ion: 96 Resp: 623

Ion Ratio Lower Upper

96 100

61 1175.8 123.8 230.0#

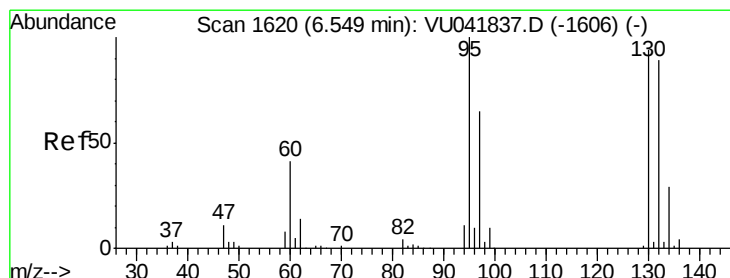
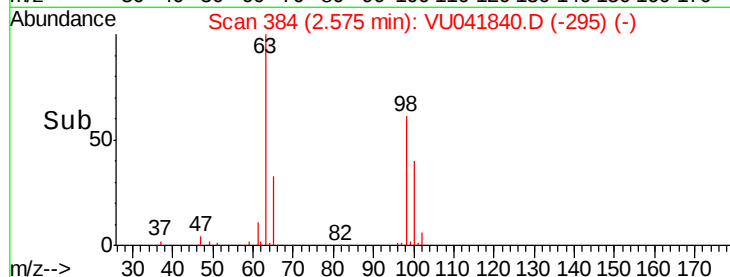
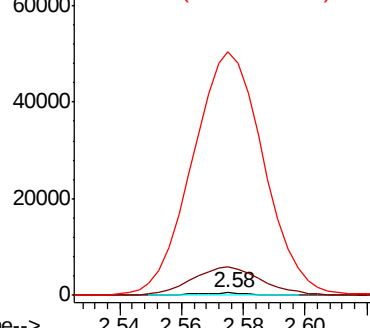
63 10245.5 81.0 150.4#



Abundance Ion 96.00 (95.70 to 96.70): VU041837.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VU041837.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VU041837.D (-376) (-)



#34

Trichloroethene

Concen: 0.221 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU041840.D

Acq: 04 Jan 2021 12:55

Tgt Ion: 95 Resp: 2609

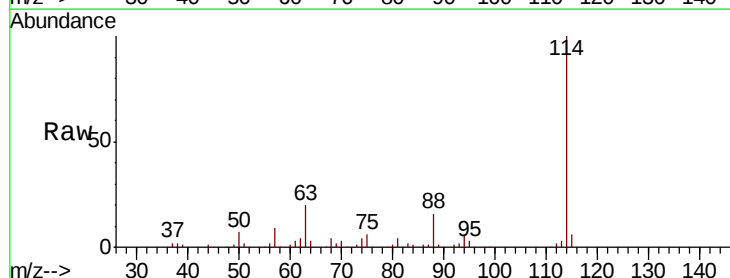
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 63.1 117.3#

130 0.0 67.4 125.2#

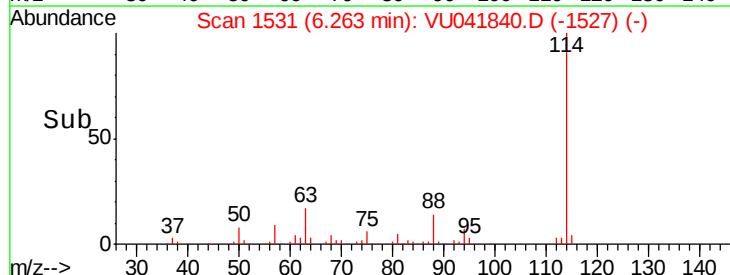
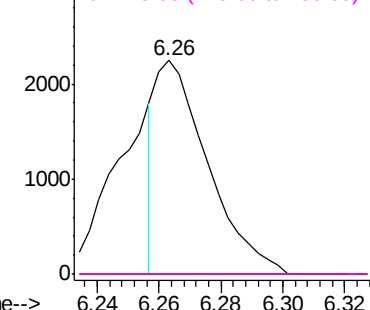


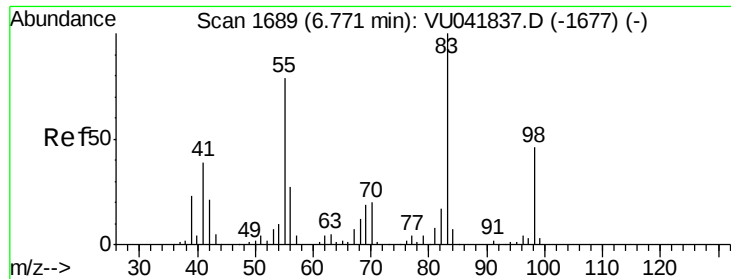
Abundance Ion 95.00 (94.70 to 95.70): VU041837.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU041837.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU041837.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU041837.D (-1606) (-)

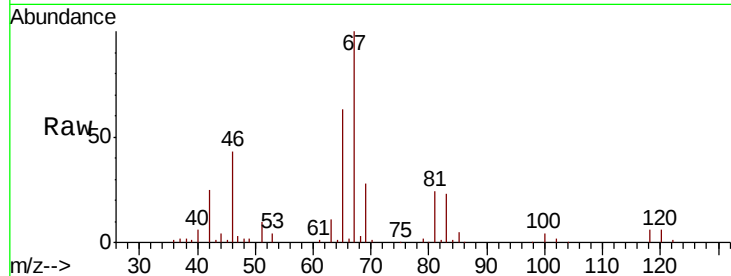




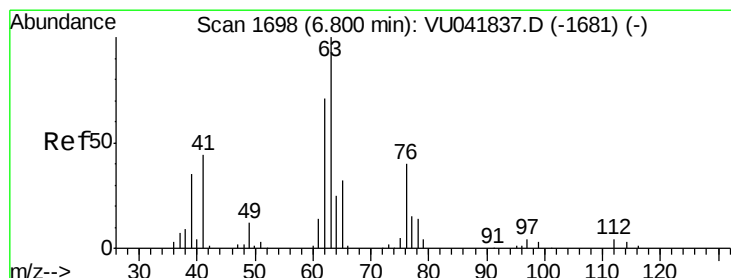
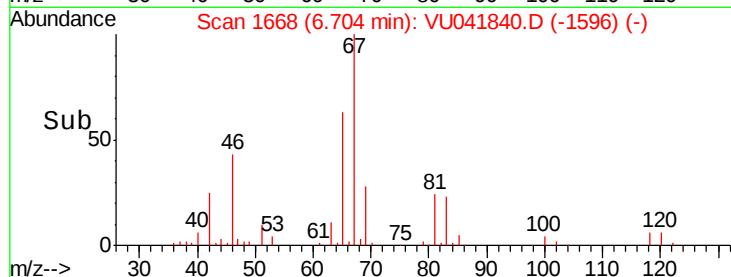
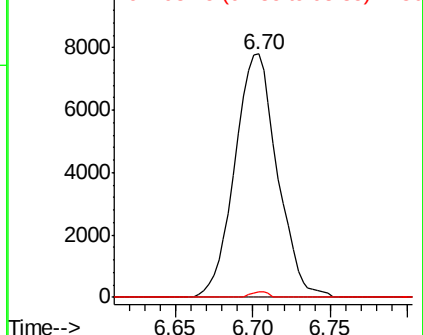
#35
Methvlcvclohexane
Concen: 0.781 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041840.D
Acq: 04 Jan 2021 12:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 14899
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.0 36.6 54.8#

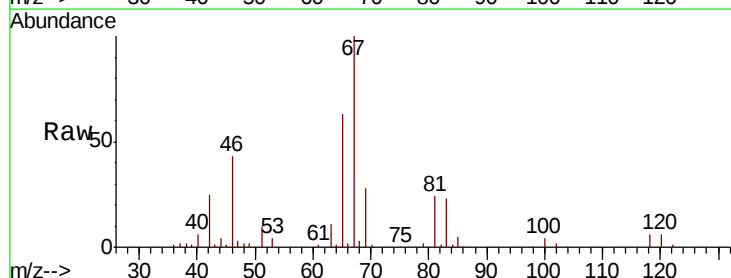


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

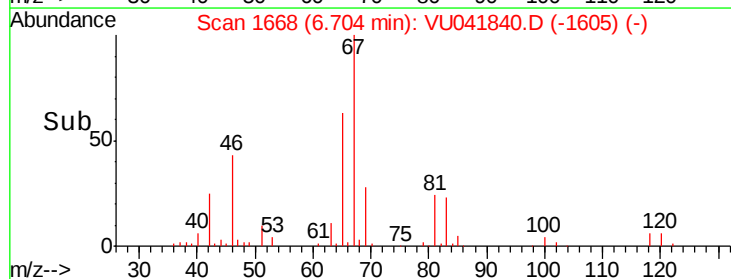
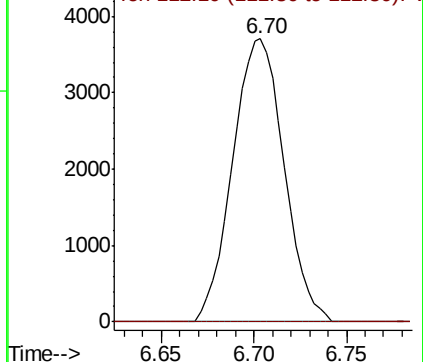


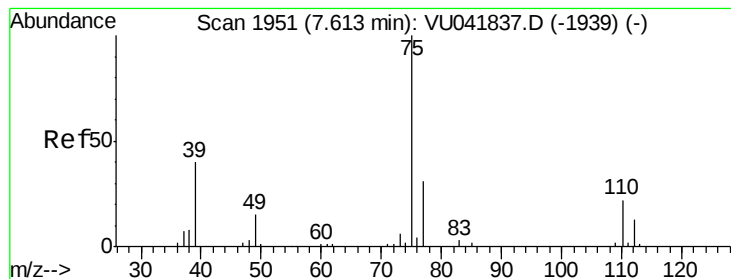
#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041840.D
Acq: 04 Jan 2021 12:55

Tgt Ion: 63 Resp: 7116
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



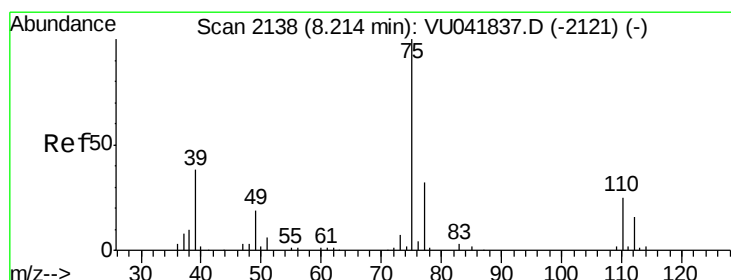
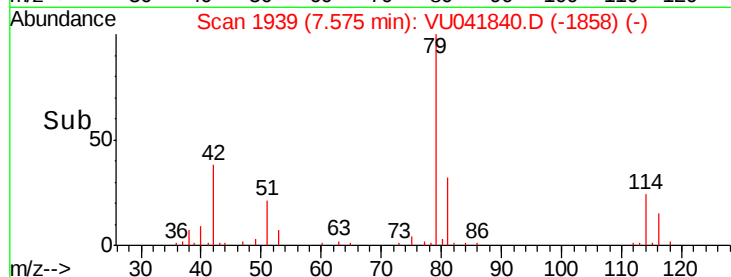
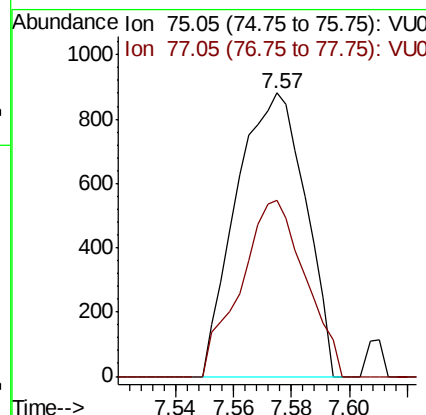
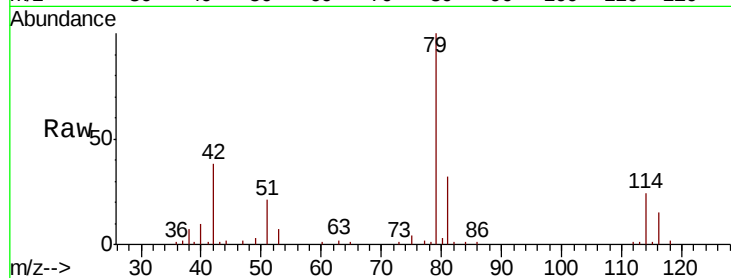


#39

cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041840.D
Acq: 04 Jan 2021 12:55

Instrument :
MSVOA_U
ClientSampleId :

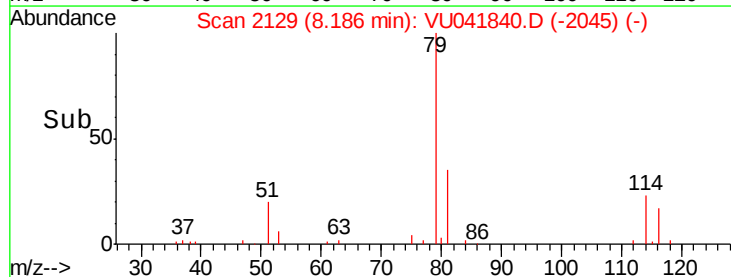
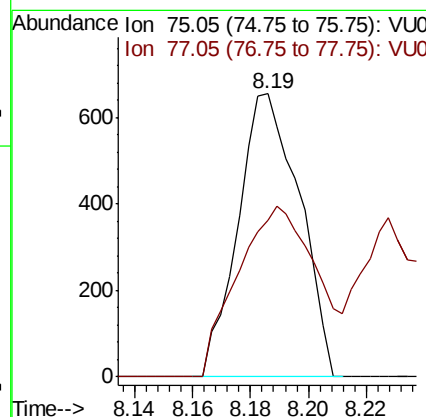
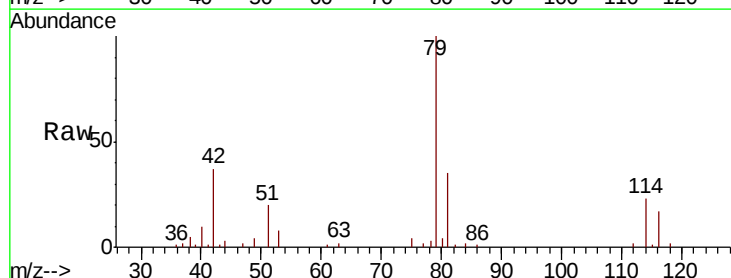
Tot Ion: 75 Resp: 1455
Ion Ratio Lower Upper
75 100
77 62.0 22.3 41.3#

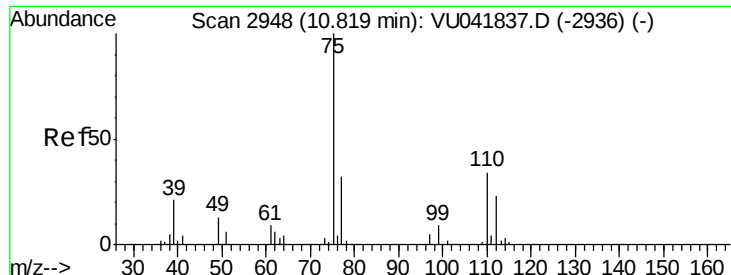


#44

trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041840.D
Acq: 04 Jan 2021 12:55

Tgt Ion: 75 Resp: 964
Ion Ratio Lower Upper
75 100
77 55.4 23.8 44.2#





#59
 1,2,3-Trichloropropane
 Concen: 0.788 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041840.D
 Acq: 04 Jan 2021 12:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7109
 Ion Ratio Lower Upper
 75 100
 77 37.7 26.2 39.2

