

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040830.D
 Acq On : 20 Oct 2020 01:46
 Operator : SY/MD
 Sample : L4428-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ26

Quant Time: Oct 20 05:21:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107323	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25539	2.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.40%
7) Chloroethane-d5	1.92	69	27529	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.58	63	43362	2.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.80%#
20) 2-Butanone-d5	4.66	46	163861	57.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.16%
24) Chloroform-d	5.08	84	77993	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	49036	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	127488	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.70	67	47855	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	93674	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	8.19	79	17900	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	107268	48.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44700	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	42798	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

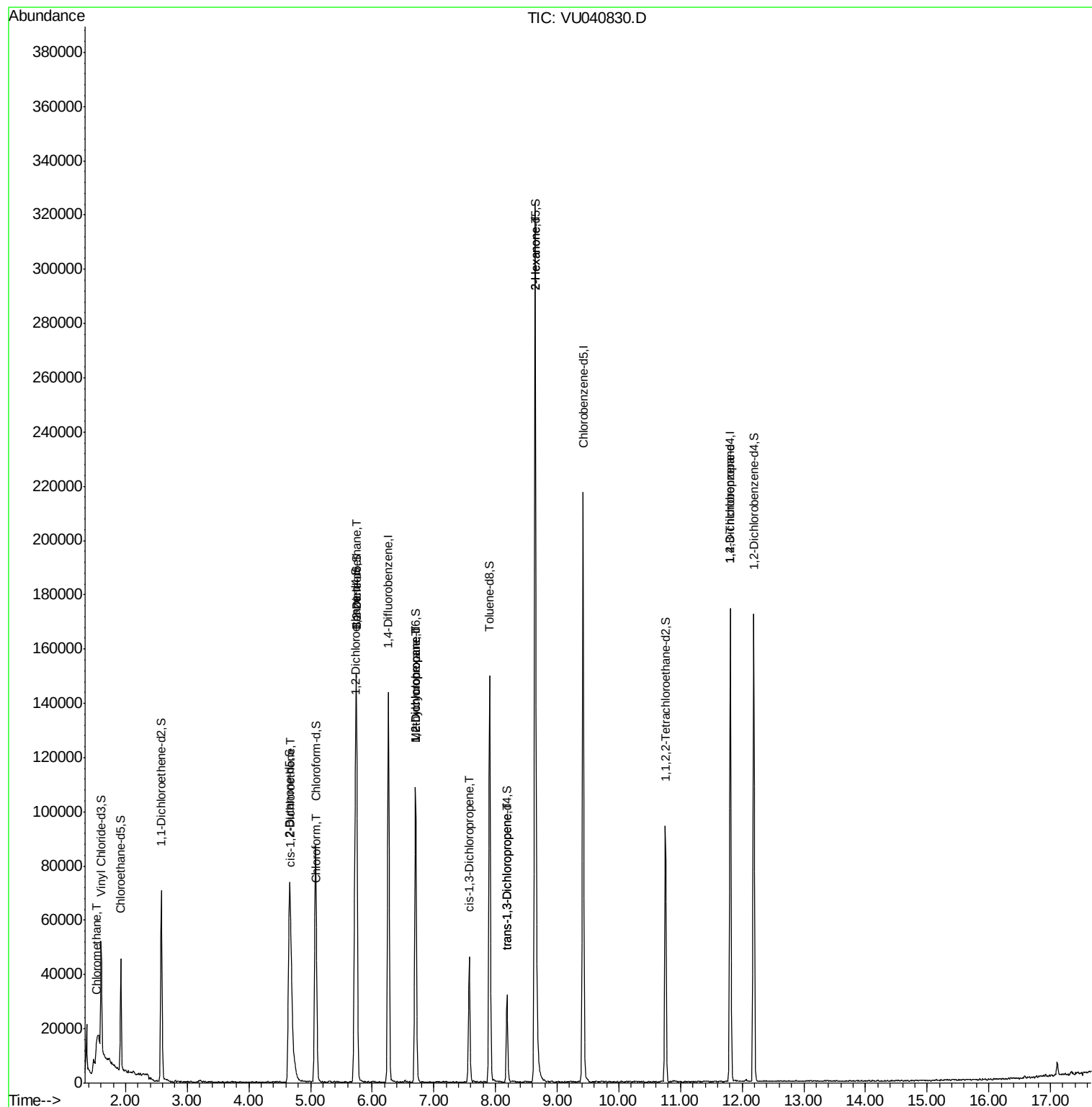
					Ovalue
3) Chloromethane	1.52	50	837	0.092 ug/L #	43
22) cis-1,2-Dichloroethene	4.68	96	3177	0.368 ug/L	70
25) Chloroform	5.11	83	1090	0.064 ug/L #	65
27) 1,2-Dichloroethane	5.75	62	755	0.063 ug/L #	77
35) Methylcyclohexane	6.70	83	11666	0.867 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5503	0.539 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1264	0.091 ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	748	0.058 ug/L #	27
48) 2-Hexanone	8.64	43	15166	2.504 ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	5948	0.794 ug/L	93

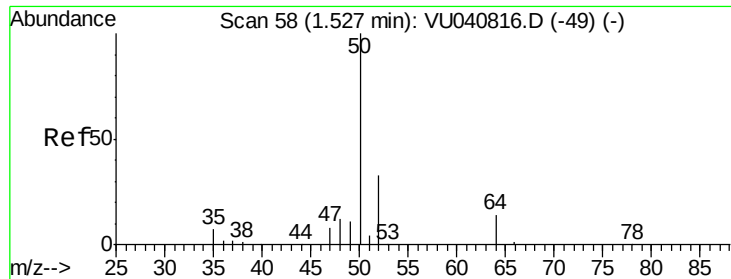
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040830.D

Acq: 20 Oct 2020 01:46

Instrument :

MSVOA_U

ClientSampled :

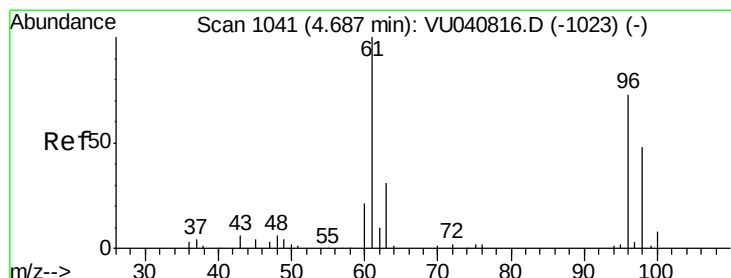
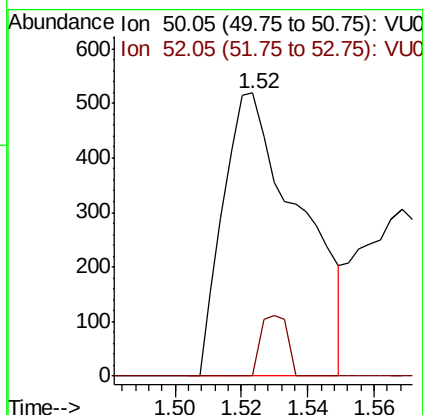
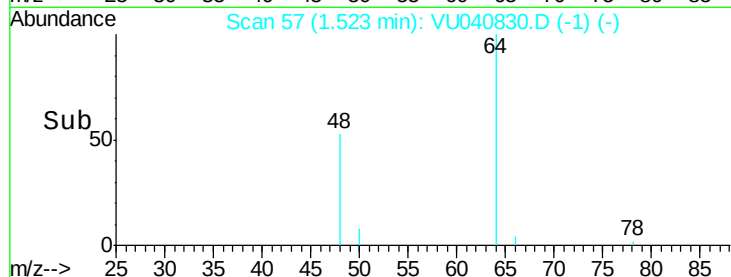
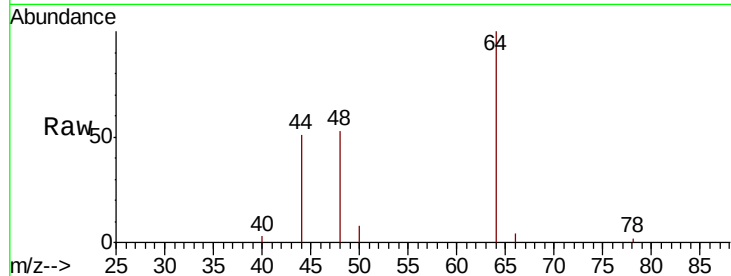
ETZ26

Tot Ion: 50 Resp: 837

Ion Ratio Lower Upper

50 100

52 0.0 21.9 40.7#



#22

cis-1,2-Dichloroethene

Concen: 0.368 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040830.D

Acq: 20 Oct 2020 01:46

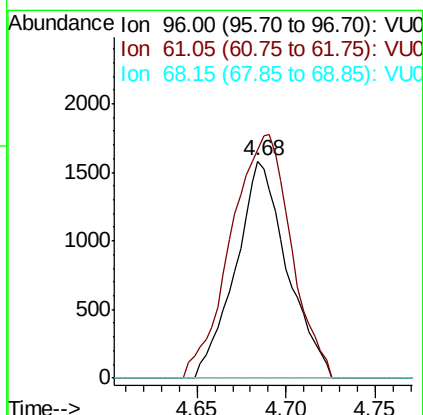
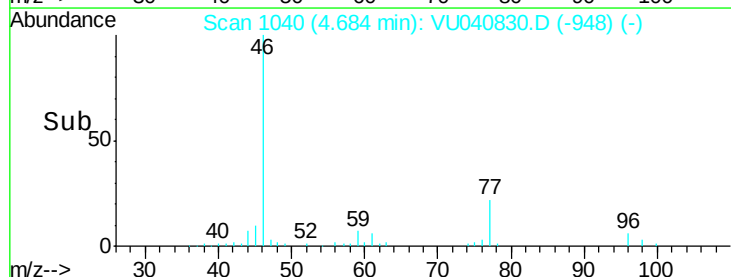
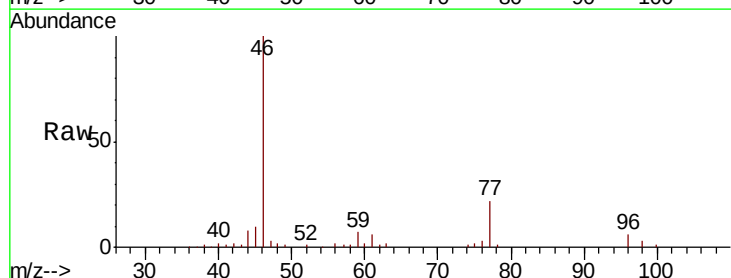
Tgt Ion: 96 Resp: 3177

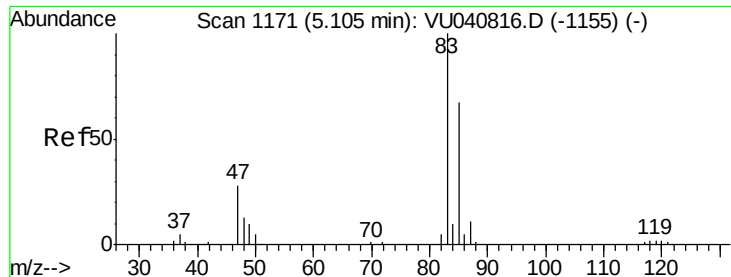
Ion Ratio Lower Upper

96 100

61 105.4 99.8 185.4

68 0.0 0.0 0.0

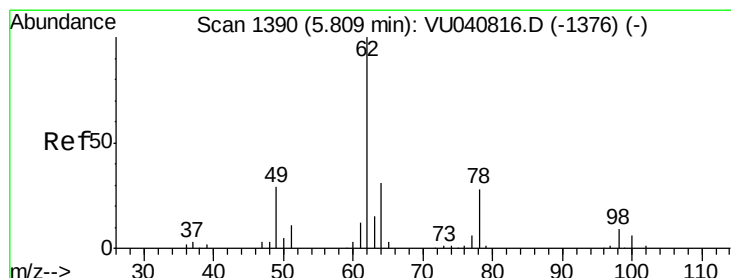
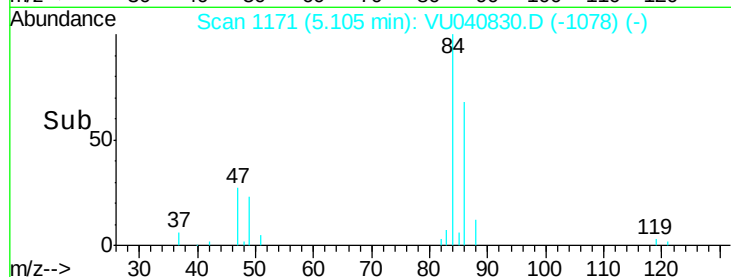
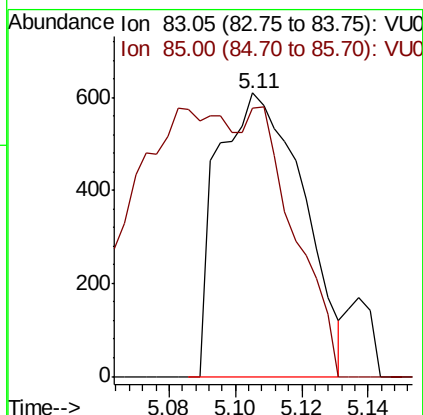
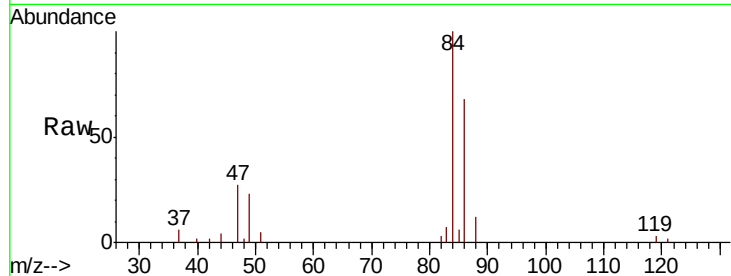




#25
Chloroform
Concen: 0.064 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040830.D
Acq: 20 Oct 2020 01:46

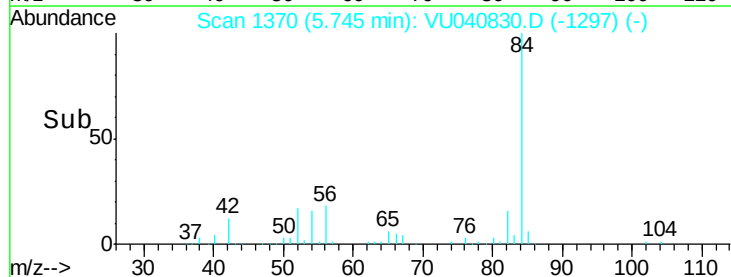
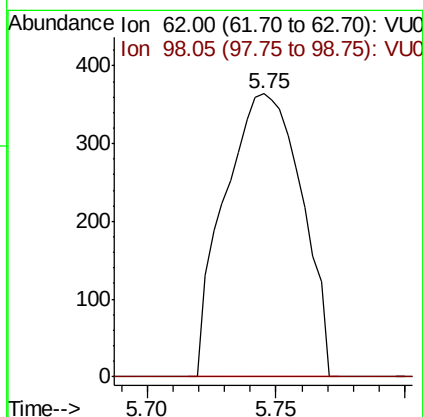
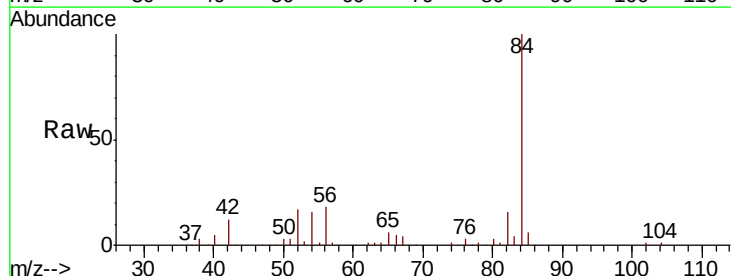
Instrument :
MSVOA_U
ClientSampled :
ETZ26

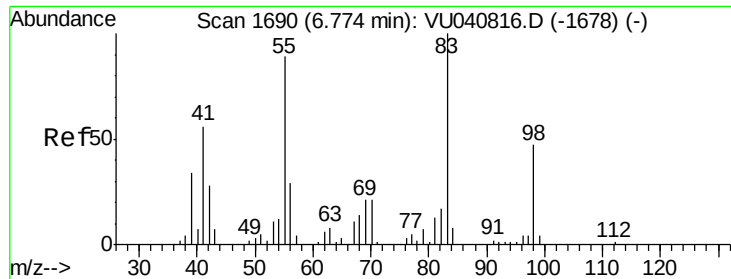
Tot Ion: 83 Resp: 1090
Ion Ratio Lower Upper
83 100
85 94.8 46.5 86.5#



#27
1,2-Dichloroethane
Concen: 0.063 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040830.D
Acq: 20 Oct 2020 01:46

Tgt Ion: 62 Resp: 755
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

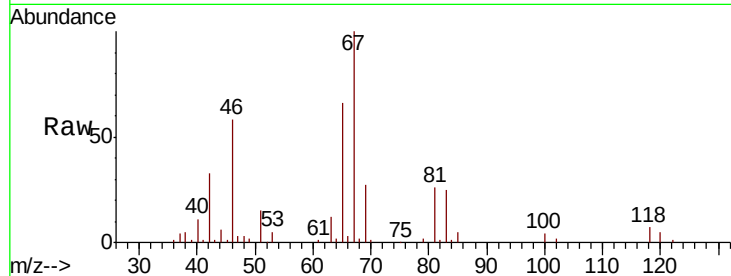




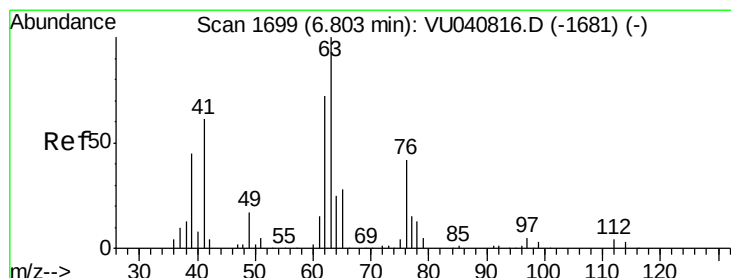
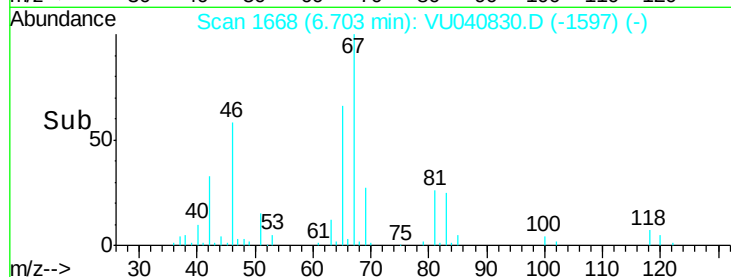
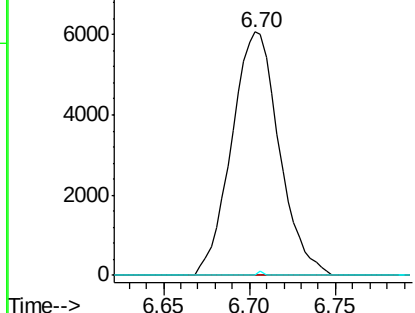
#35
Methylvlcyclohexane
Concen: 0.867 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040830.D
Acq: 20 Oct 2020 01:46

Instrument :
MSVOA_U
ClientSampleId :
ETZ26

Tot Ion: 83 Resp: 11666
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.2 38.4 57.6#

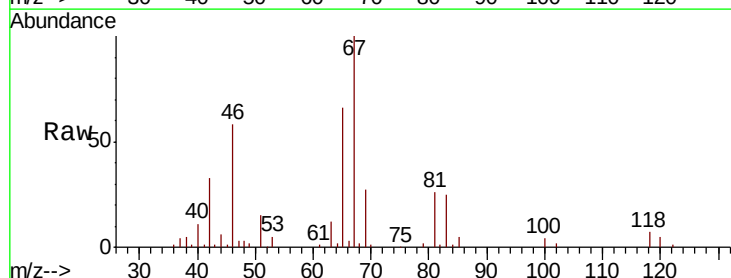


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

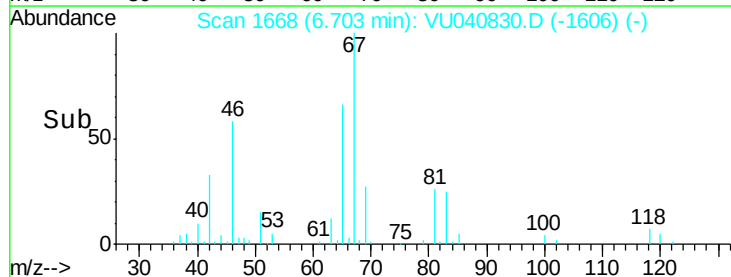
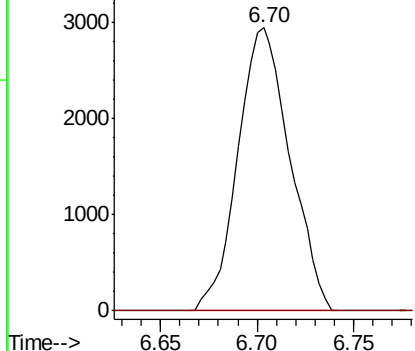


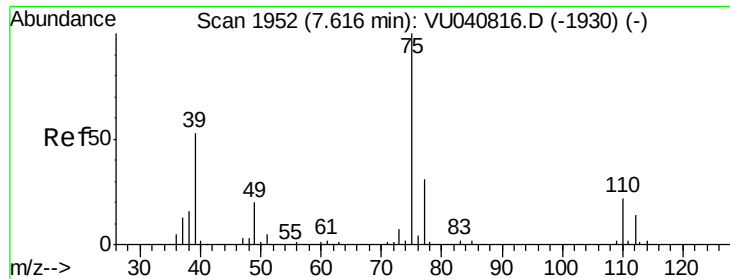
#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040830.D
Acq: 20 Oct 2020 01:46

Tgt Ion: 63 Resp: 5503
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

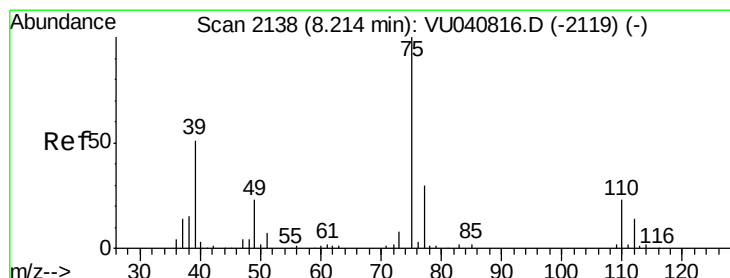
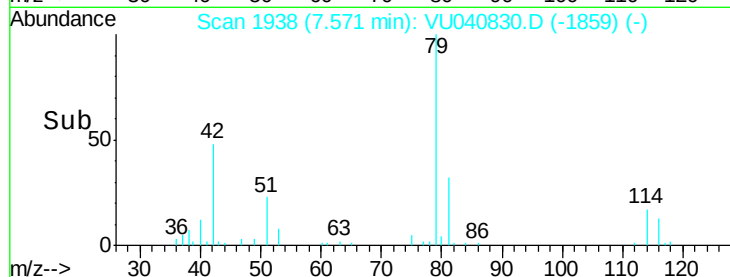
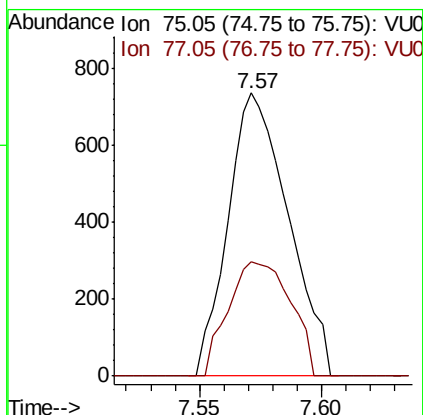
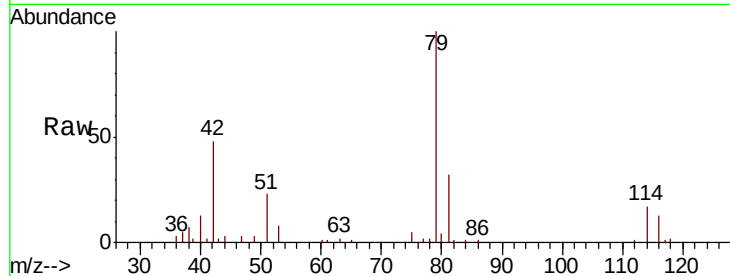




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU040830.D
 Acq: 20 Oct 2020 01:46

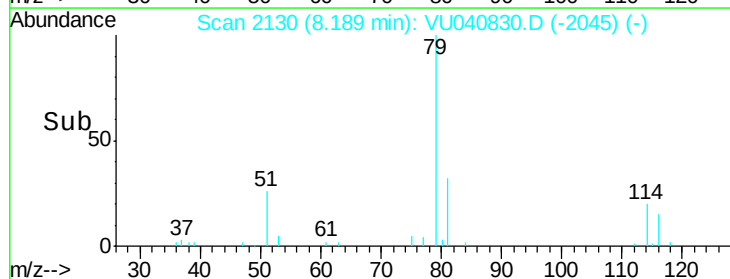
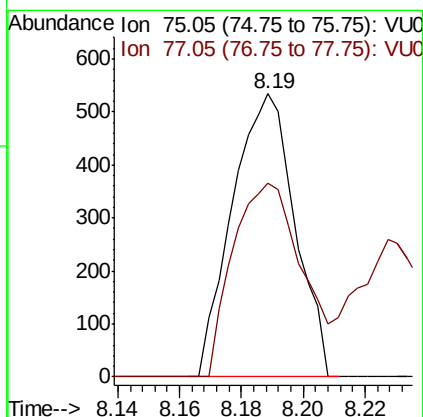
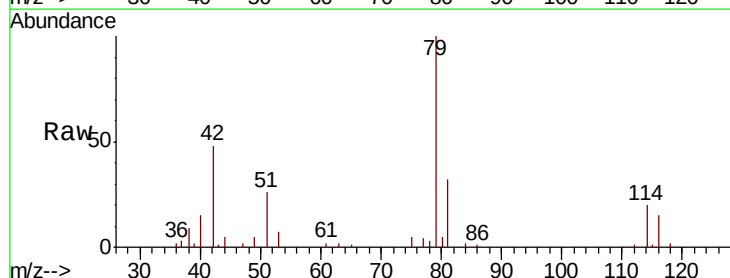
Instrument :
 MSVOA_U
 ClientSampled :
 ETZ26

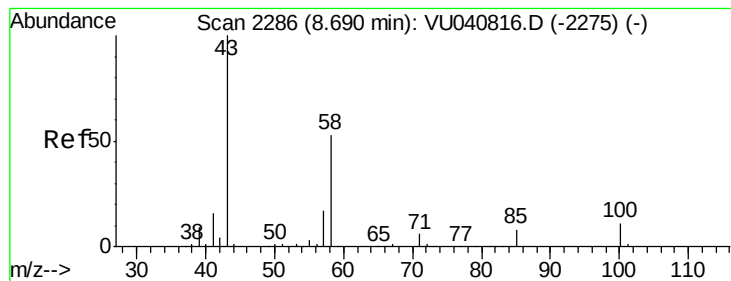
Tot Ion: 75 Resp: 1264
 Ion Ratio Lower Upper
 75 100
 77 40.3 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040830.D
 Acq: 20 Oct 2020 01:46

Tgt Ion: 75 Resp: 748
 Ion Ratio Lower Upper
 75 100
 77 68.4 20.4 38.0#





#48

2-Hexanone

Concen: 2.504 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040830.D

Acq: 20 Oct 2020 01:46

Instrument :

MSVOA_U

ClientSampleId :

ETZ26

Tot Ion: 43 Resp: 15166

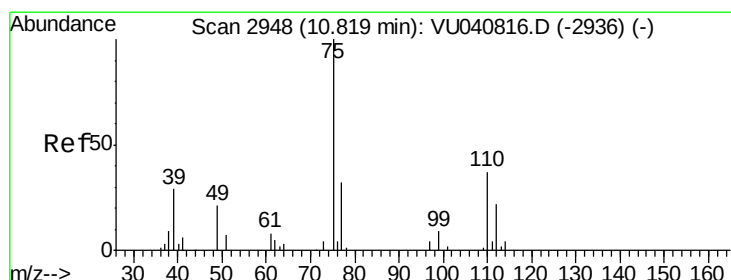
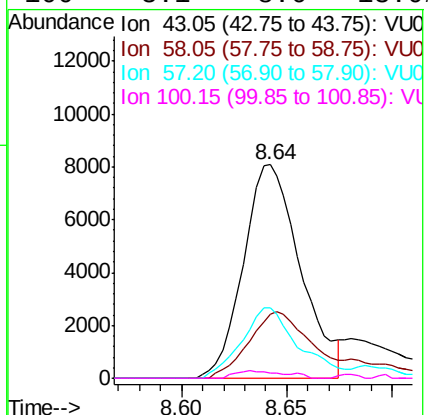
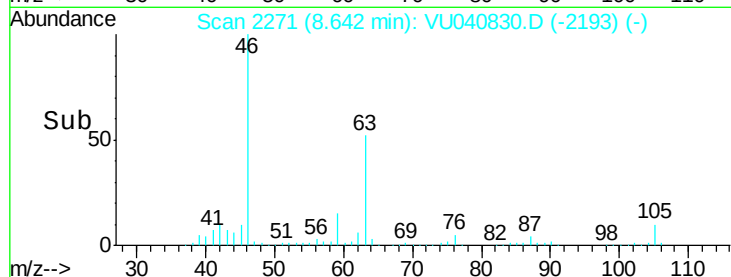
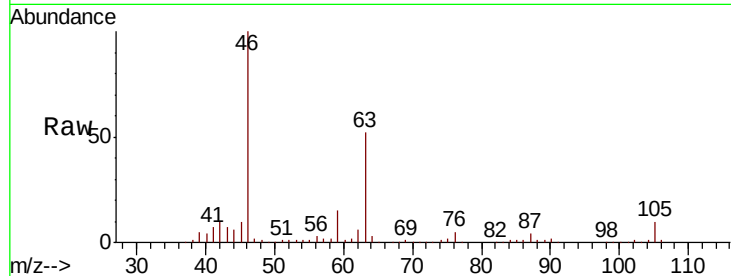
Ion Ratio Lower Upper

43 100

58 41.2 41.0 61.6

57 33.0 14.4 21.6#

100 3.1 8.6 13.0#



#59

1,2,3-Trichloropropane

Concen: 0.794 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040830.D

Acq: 20 Oct 2020 01:46

Tgt Ion: 75 Resp: 5948

Ion Ratio Lower Upper

75 100

77 37.0 26.4 39.6

